



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

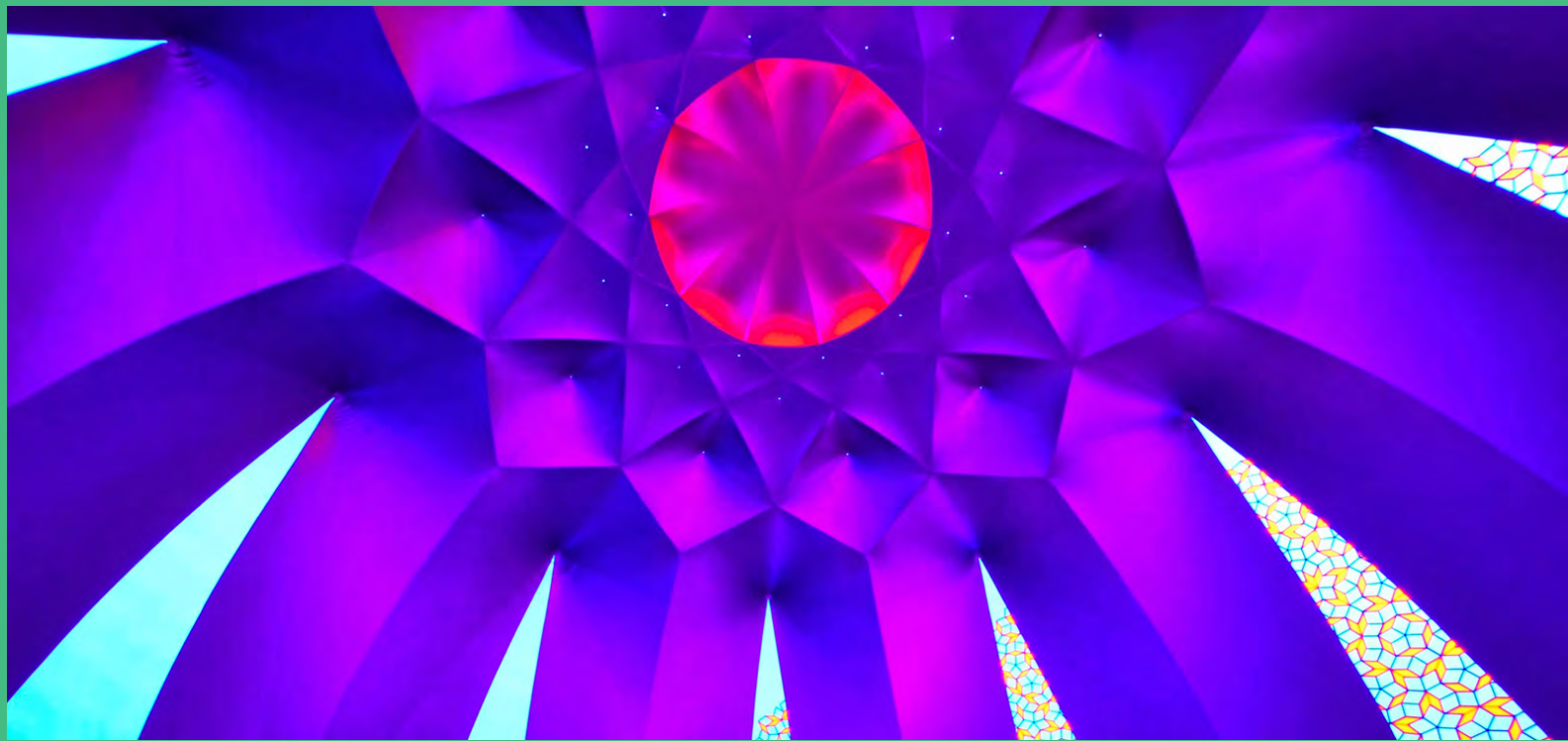
ANNUAL REPORT
2014-2015

www.isber.ucsb.edu

ANNUAL REPORT
July 1, 2014 – June 30, 2015

Table of Contents

1. Director's Statement
2. Research Development
3. Research Highlights
4. Organizational Chart
5. Graphs and Charts
6. Other Projects:
Workshops and Conferences
Research Experiences for Graduate Students – Dissertation Projects
Public Service and Other Activities
7. Center Reports
8. Research in Progress
9. Space Allocation
10. Publications and Presentations
11. Statistical Summary
12. Principal Investigators
13. Unit Participants
14. ISBER Advisory Committee, Administrative, and Technical Staff



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Director's Statement 2014-2015

www.isber.ucsb.edu

Director's Statement
July 1, 2014 – June 30, 2015

1. Background and Mission

ISBER's heritage dates to the 1970s when UCSB established an ORU for the social sciences. ISBER now provides the intellectual and administrative home for research in the social sciences as well as a broad range of outreach activities. Unlike the other large ORUs at UCSB that have well-defined research foci (NRI for neuroscience, ERI for earth science, and MSI for marine science), ISBER has historically served as the ORU for a wide array of domains well beyond the social science division. The mission, endorsed in 2014 by the advisory committee, places renewed emphasis on the centrality of social science research:

ISBER's primary mission is to facilitate and enable social science research. This is accomplished by providing: 1) efficient pre-award through post-award grants administration, 2) research development assistance and stimulation through consultations and a small grants program, and 3) high level research services that are most efficiently delivered through an ORU to a broad audience of faculty, researchers, and graduate students. ISBER also fosters and supports topical research communities in the form of several research centers, programs, and outreach activities housed within the unit.

ISBER went through an external review during the 2014-15 academic year with preparation commencing in the summer of 2014 and the external review committee visit occurring May 4-5, 2015. The review committee was chaired by Sheldon Danzinger and had Louis Desipio, Cora Marrett, Peter Monge, and Claudia Valeggia as members. The ERC report was delivered in July 2015.

The ERC strongly recommended that ISBER continue as an organized research unit. They also argued that to fulfill its mission ISBER needs additional resources and they particularly highlight the need to make permanent increases to cover the costs of administering outreach programs (e.g. McNair Scholars, MESA, etc.). As noted by the ERC, these program are not central to ISBER's social science mission and without sufficient support they may impact the level of service provided to social science researchers. The ERC also commended the leadership under the current director; specifically the move to Qualtrics (and associated closure of the Social Science Survey Center), the development of the secure computing server, and the development of review criteria and a review cycle for Centers housed within ISBER. The ERC also urged that Centers be reviewed on an accelerated schedule and that only well-performing centers should be retained.

As part of the plan outlined in the review materials provided to the ERC by ISBER, I argued for the establishment of a Social Science Research Methods unit. While the faculty survey responses, and advisory committee, were highly supportive

of this plan, the ERC recommended against establishing a methods unit as part of ISBER core activities. Their opposition to the plan reflects their concern that given scarce resources, ISBER does not have the capacity to expand its services in this direction. They were also concerned about the ability to maintain a methods unit beyond the tenure of the current director. They instead recommended that ISBER consider soliciting ideas for a new center focused on research methods. A successful center proposal would require support from a broad range of faculty and would have more chance of succeeding over the long term.

The administrative core of ISBER continues to provide exceptional levels of service to the social science community. This was reflected in strong support in survey responses collected as part of the external review and was noted by the ERC. MSO Jana Bentley continues to expertly manage the staff, and monitors and adjusts workload as needed during her weekly staff meetings. She and I meet weekly to discuss any issues that require my input.

The remainder of this report provides details on the research portfolio managed by ISBER, research development activities, and some accounting of the constituency we have served over the past year. For the financial picture, comparisons throughout are to prior year activities. In 2014-15, the slow rebound in grants submitted and awarded continued to rebound from the multiyear slump experienced across campus. There was a particularly large increase in the value of grants submitted which we hope reflects optimism among social science faculty in the likelihood of securing new funding.

2. Grants Administration at ISBER

A descriptive picture of ISBER's **2014-2015** grants administration is provided by the following statistics. For purposes of comparison, last year's figures are in parentheses:

- ISBER supported **103** (106) PIs and co-PIs on the projects it administered.
 - ISBER administered **250** (277) projects, including **106** (124) extramural projects, and **144** (153) intramural projects, programs, seed funding, conferences and other projects.
 - The total value of awards for the year was **\$5.6 million** (\$4.0m).
 - The total value of all funds administered, including multi-year grants administered was **\$24,981,805** (\$24,311,015).
 - ISBER submitted **67** (84) proposals for funding and **55** (63) were from ladder faculty.
 - The value of the proposals submitted was **\$28.4 million** (\$12.2m).
 - The number of PIs new to ISBER was **17** (19), **11** (12) of which were ladder faculty.
- ISBER submitted **3** (15) graduate student proposals.

3. Research Development at ISBER

ISBER serves the campus both through grants administration and through its research development programs. The ISBER grant programs not only enhance the research mission for the campus, but also reflect ISBER's role in promoting social science and serving social science researchers.

ISBER offers significant service to individual faculty in the pre-proposal stage, both in working directly with researchers to help them formulate projects, and to identify potential funding sources and development of proposals. Graduate students are also the beneficiaries of ISBER's research development support. Services provided include training in electronic funding searches targeted to specific research projects, funding opportunity advice and dissemination, conceptualizing and designing consultation for project development, and detailed proposal consultation.

ISBER administers the Social Science Research Grants Program (SSRGP). ISBER Director Sweeney manages the selection committee and makes all decisions regarding NCE or post-award budget requests. This is an important research development activity that is intended to provide seed funding for new research, proof of concept funding for intellectually risky research, and is particularly targeted to junior faculty. Awards are made on a competitive, peer-reviewed basis with the review committee composed of senior social science faculty who have successful extramural funding track records. For the 2014-15 proposal round the committee was composed of Sarah Anderson (Bren), Mike Gurven (Anthropology), and Diane Fujino (Asian American Studies). In **2014-15**, the SSRGP received **9** (14) proposals from social science faculty, requesting **\$69,313** (\$108,906) in support. We awarded **6** (6) grants to faculty members in **4** (6) departments. Award sizes ranged from \$2,500 to \$8,000. 6 of the 9 proposals were from junior faculty and five received awards.

Also, please see details on further research development activities provided by Dr. Barbara Walker in the next section of the report.

4. ISBER'S Support of the UCSB Community

Although ISBER is nominally the campus's social science ORU, in fact it serves the entire campus community. During the past year, ISBER had **196** *paid* employees engaged in research or supporting ISBER's research mission. This included **22** faculty members receiving summer salaries or course release, **4** academic coordinators or others receiving administrative stipends, **6** professional researchers, **8** research specialists or project scientists, **7** postdoctoral scholars, **82** graduate students, **44** undergraduate students (as well as **310** unpaid volunteers or interns), **18** technical staff and **27** administrative staff. This year, there were an additional **12** persons from outside UCSB participating in ISBER-managed UCSB projects.

During the past year **69%** of its **94** faculty members who were paid or unpaid PIs and co-PIs were members in the Social Science Division of the College of Letters and Science. ISBER researchers come from **34** different departments in all three divisions of the College, including:

	Anthropology	Geography
	Asian American Studies	Gevirtz Graduate School of Education
	Black Studies	Global & International Studies
	Bren School of Environmental Science and Management	History
	California Nanosystems Institute	ISBER
	Chemical Engineering	Letters and Science
	Chicana/Chicano Studies	Linguistics
	Communication	Materials Research Lab
	Computer Science	Office of the Dean of Students
	Counseling & Psychological Services	Office of Education Partnerships
	East Asian Languages & Cultural Studies	Philosophy
	Economics	Political Sciences
	Engineering	Psychological & Brain Sciences
	English	Religious Studies
	Environmental Studies	Sociology
	Feminist Studies	Student Affairs
	Film & Media Studies	Women's Center

Even this diverse picture is not an accurate reflection of ISBER's scope, since numerous projects include many additional participants. Among the **121** Principal Investigators, **94** are active ladder faculty serving as PIs and co-PIs. Of those **15%** (24%) are at the Assistant Professor rank, **17%** (21%) at the Associate Professor rank, and **68%** (55%) at the Full Professor rank.

ISBER continues to provide grants administration support to programs funded to increase campus undergraduate and graduate diversity, and student counseling and advocacy support services. The McNair Scholars Program failed to receive renewal funding from DOE in 12/13, but the program has continued on campus due to the generous support of EVC Lucas and from gifts provided by Southern California Edison. The commitment is for the campus to fund the program for five years (through 17/18), with the intention of resubmitting to DOE in 16/17. Additionally, ISBER entered the 7th year of grants administration for several grants that support the campus Office of Education Partnerships, which serves UCSB's mission to promote academic success and increase college-going rates among pre K-20 students in our region. The Office of Education Partnerships provides an intensive network of academic, social, and career exploration services for students who will be the first in their families to attend college. Over \$1.3 million in financial support for these programs included grants from UC MESA, Engineering Information Foundation, and Ventura County Community College District. ISBER also provides grants administration support to the Division of Student Affairs, including support for the Women's Center, Student Health, and Counseling and Psychological Services. With \$858,729 of support from the Department of Justice and the Department of Education, these projects provide the campus student body with education on rape prevention and advocacy, and counseling and mental health services.

The range and diversity of ISBER's clientele are matched only by the wide-ranging number and variety of its funding sources. During the past year ISBER managed funds from a total of **48** different funding sources as well as various royalty and gift accounts. These included:

- 13 different governmental sources, including 8 federal agencies (Department of Education, Department of Justice; Environmental Protection Agency; National Geographic Society; National Institutes of Health: National Institute of Aging; USDI National Park Service, National Science Foundation; US Agency for International Development (USAID); as well as the California Department of Health; California EPA Air Resources Board; California Department of Resources & Recovery; California Department of Parks and Recreation; State of California.
- 20 different private foundations and other private sources, including the Alzheimer's Association; American Sociological Association; Chiang Ching-Kuo Foundation; Elsevier Foundation; Engineering Information Foundation; Fairleigh Dickinson University; Japan Foundation; L&M Policy Research, LLC; Lincoln Institute of Land Policy; NAZRA for Feminist Studies; The Robert Wood Johnson Foundation; Russell Sage Foundation; Saudi Royal Family; SevenOne Media; SRI International; Ventura County Community College District; Verizon Foundation; Wenner Gren Anthropological Foundation; The William T. Grant Foundation; Woodrow Wilson National Fellowship Foundation.
- 13 University of California sources, including 3 at UCSB (UCSB Academic Senate, Social Science Research Grants Program, and the Collaborative Research Initiative Grants Program), 7 UC Systemwide sources (UC Pacific Rim, UC Humanities Research Institute, UC MEXUS, UC Mesa, UC Office of the President, UC Center for Collaborative Research for an Equitable California, UC Multicampus Research Programs & Initiatives), and 3 individual campus' (UC Santa Cruz, UC San Francisco & UC Los Angeles).
- 2 other university sources, including University of Chicago and University of Michigan.

5. Conclusion

This past year ISBER has continued to provide exceptional service to the social sciences and is poised to continue with exceptional administrative service over the coming year. I will continue to work closely with the advisory committee as I consider new strategic investments or programmatic changes to better serve the social science community. I will also be actively engaged in implementing actions recommended by the external review committee.



Stuart Sweeney
ISBER Director



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Research Development
2014-2015

www.isber.ucsb.edu

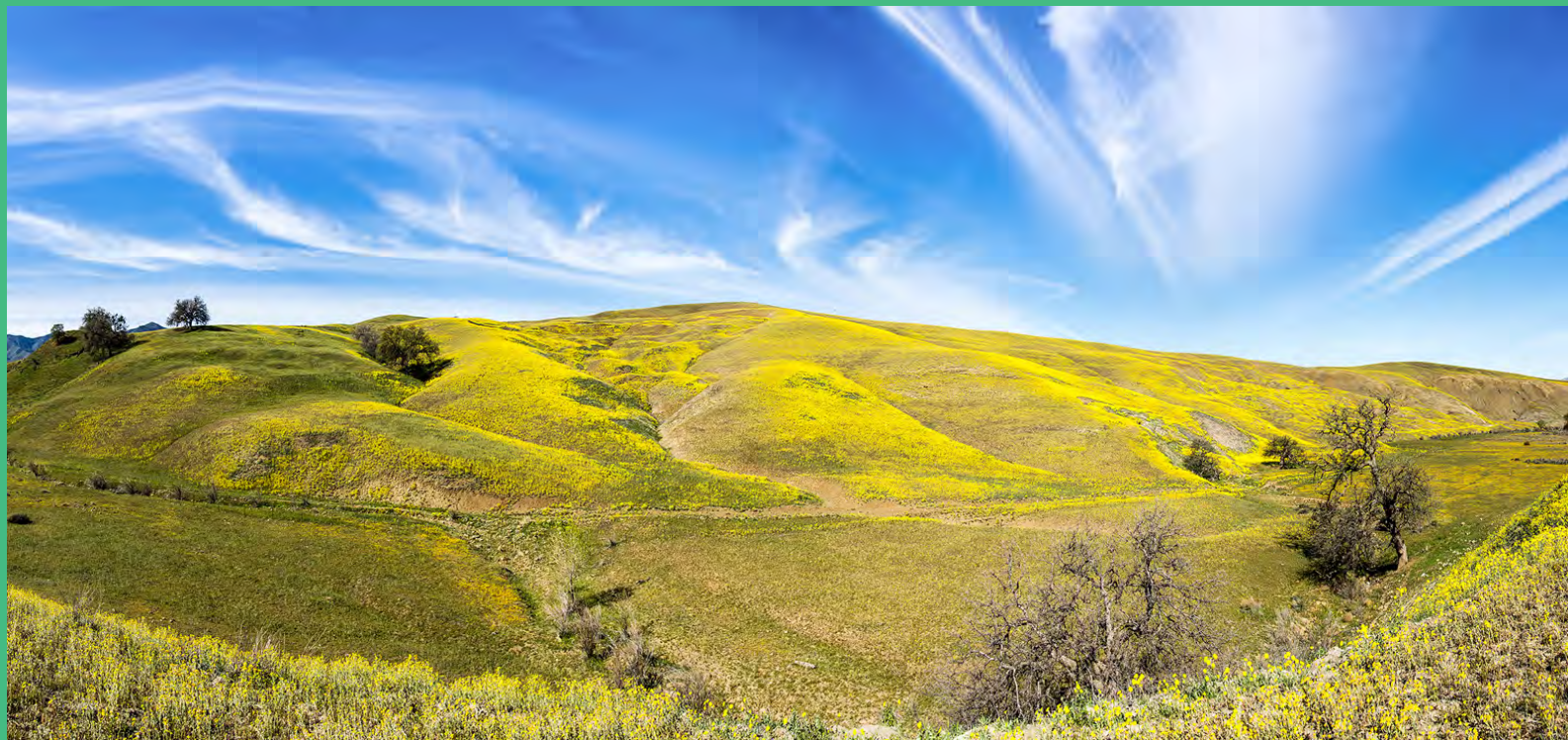
Research Development in ISBER
July 1, 2014 – June 30, 2015

Dr. Barbara Walker provides Research Development (RD) services for the Divisions of Social Science, Humanities and Fine Arts, and (de facto) Education, as well as social science and humanities faculty who work in MLPS departments and the Bren School. She coordinates her services with the Office of Research, ISBER and the IHC. The sum of her RD activities is reported in this summary.

ISBER welcomed 17 new researchers in 2014-2015 who either submitted proposals or administered grants for the first time through our ORU. These included 8 assistant professors, 1 associate professor, 2 full professors, 3 graduate students, 1 postdoctoral scholar and 2 other researchers. These scholars came from 7 social science departments and 7 other departments (Anthropology, Asian American Studies, Bren School Environmental Science and Management, California NanoSystems Institute, Communication, Computer Science, Economics, English, Global & International Studies, History, ISBER/Center for Nanotechnology and Society, Political Science, Sociology, Student Affairs).

Research Development Services provided include:

- Proposal review (intensive critique of proposal content and aspects of research design and methods, detailed and often repetitive editing and commentary on proposals in all stages of development);
- Consultation about proposal writing, longer term research and publication planning, identifying and building collaborative teams, information about funding agencies, and provision and analysis of sample successful proposals;
- Funding searches and funding search engine training;
- Workshops on various research development topics and funding agencies, guest lectures, and an annual faculty grant writing seminar; and
- Long-term strategic initiatives and planning for future funding opportunities.



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Research Highlights 2014-2015

www.isber.ucsb.edu

RESEARCH HIGHLIGHTS

July 1, 2014– June 30, 2015

LALAIE AMEERIAR

I spent the year working on my book manuscript using funding from my Woodrow Wilson National Fellowship award. I have a book contract with Duke University Press and went through 2 rounds of revision with them. I'm planning to submit my last draft to them in August.

GLENN BELTZ

MARIO CASTELLANOS

UCSB Mesa Programs

The Mathematics, Engineering, Science Achievement (MESA) Program at UCSB directs two MESA Programs: the pre-college MESA Schools Program (MSP) and the UCSB undergraduate MESA Engineering Program (MEP). At UCSB, these two MESA programs, and their ancillary projects and affiliations, have been closely aligned historically and practically. UCSB MESA's programs are actively involved in K-12 outreach. There has been a long-standing effort at UCSB to prepare and motivate pre-college (MSP) students for STEM studies, and to retain and continue supporting STEM students through the baccalaureate degree and on to graduate studies or careers. Strong ties continue between MEP and both Los Ingenieros and NSBE student organizations, both organizations emphasizing outreach to MSP students and the development of cohorts from MESA schools to MEP at UCSB. This K-20-alumni loop, which attracts mentors and replenishes the college-going pool, is particularly effective with first-generation and underrepresented students, especially in rigorous and historically exclusive STEM fields.

The UCSB MESA Program has continued to adjust the MESA programs in response to and collaboration with school districts, school site administrators, advisors, and partnering programs, despite the financial challenges that our program and partner schools have faced. With the continued demands for academically prepared and college-oriented students (especially in STEM fields), UCSB MESA remains a prestigious, sought-after program and partner. Despite personnel and program transitions, budget challenges, and increased accountability, UCSB MESA has endured for nearly 40 years.

UCSB MESA celebrated its fifth year under the Office of Education Partnerships (OEP), as the official program partner and administrative unit under the guidance of MESA Director Phyllis Brady. Dr. Glenn Beltz, Associate Dean for Engineering Undergraduate Programs, continues to provide programmatic oversight and assistance as MESA's Principal Investigator, working closely with the Co-Principal Investigator Mario Castellanos, Executive Director of UCSB's Office of Education

Partnerships. The partnership has allowed MESA to increase its involvement and development of academic preparation and retention partnerships and initiatives (e.g., Pathways Program, American Indian Scholars Program, and Padres Adelante). Working in this education milieu that is focused on college readiness for first-generation and underrepresented students, MESA's link with OEP increases the opportunities to share information, resources and staff support (e.g., support from both an Evaluations Coordinator and Grant Writer, and collaboration with OEP Coordinators).

Also in its fifth year is the MESA Coordinator for Oxnard area MSP schools (serving five high schools and three middle schools), through a UCSB partnership with Oxnard College's Hispanic Serving Institute's STEM federal grant. In March, 2013, a second Coordinator was hired, reinforcing this role's noticeable positive impact in the Oxnard MESA schools, both for students and advisors, as has been favorably recognized by district administrators, Oxnard College faculty and staff. Evidence of this impact is an increased number of Oxnard students participating in MESA: from 340 students in 2008-09 to 870 students in 2014-15. As of 2014, a new Regional MESA Coordinator was hired to serve our other K-12 schools in Santa Barbara County and Santa Paula schools in Ventura County. This local coordinator also serves as a liaison between the pre-college MSP programs and the undergraduate MEP program, plus linking with MESA alumni.

MESA SCHOOLS PROGRAM (MSP) assists pre-college students at middle and senior high schools so they excel in math, engineering, and science and become competitively eligible for the most rigorous colleges and universities. The MSP partners with teachers, administrators, school district officials and industry representatives to provide this academic enrichment model. Students are selected to participate in the MSP through a process that involves teachers at participating schools and UCSB MESA personnel. Main components of the MSP include: Individual Academic Plans, study skills training, MESA Day (STEM) Academies, career and college exploration, parent leadership development, MESA periods and programs, and teacher/advisor professional development opportunities. In 2014-2015, the UCSB MSP served a total of 17 schools in seven districts reaching 870 students in Santa Barbara and Ventura Counties.

MESA ENGINEERING PROGRAM (MEP) is a retention and graduation support program for educationally disadvantaged undergraduate students to attain baccalaureate degrees in engineering, math, science or computer science. The MEP's rigorous academics, leadership preparation, and collaborative problem-solving training produce highly skilled graduates who meet industry's technology workforce needs and who help drive the state's economy. The MEP establishes a peer community for its students, most of whom are first in their family to go to college, with resources, mutual support, and motivation. This academic peer community is a major element that sets MEP apart from other programs. Staff and faculty work together to increase students' awareness and access to graduate degree programs, and to promote community service through outreach events and mentoring. Main components of the MEP include: academic excellence workshops,

orientation sessions for freshmen and transfers, study skills, research and undergraduate support programs, career advising, links with professional organizations, professional development workshops, and an Industry Advisory Board. Given the state budget cutbacks, MEP receive the majority of funds from their host institutions and additional support from local industry partners. MESA provides partial funding, internships, and scholarship opportunities.

CMLMSP – UC MESA – UCSB 2011-2014 MESA Schools Program (MSP)

CMSP15 – UC MESA – UCSB 2014-2017 MESA Schools Program (MSP)

CMSPX5 – UC MESA – UCSB 2014-2017 MESA Schools Program (MSP)

MESA's mission is to create opportunities for educationally disadvantaged students, especially those from groups with low participation rates in college, to prepare for and enter professions requiring degrees in engineering and other mathematics-based scientific fields. UCSB's MESA vision is to promote inclusive and adaptive initiatives and partnerships with university, school, community, and educationally supportive programs, which share goals and approaches that are consistently complementary to MESA's mission, so that more educationally underserved students are inspired to pursue, persist, and achieve math, science and engineering qualifications and careers.

The UCSB MESA-MSP Program collaborates with school districts, site administrators, advisors, and partnering programs. With the continued demands for academically-prepared and college-oriented students (especially in STEM fields), UCSB MESA remains a prestigious, sought after program and partner.

MMEP15 – UC MESA – UCSB 2014-15 MESA Engineering Program (MEP)

MESA-MEP encourages a smooth transfer process for undergraduate MEP students from community college to (and through) UCSB. We recognize that this requires an effort to reach programs and students beyond the immediate Central Coast, which requires an ongoing dialogue with the directors of the MESA Community College Programs (MCCPs) so they are aware and can direct their potentially interested students to UCSB. UCSB MESA program and staff are well-known as collaborative, open and helpful to students. Communication with other MESA programs enhances this connection, and has been reinforced through a MESA-HSI Regional Alliance. Relationships between all local MCCPs (Ventura College, Santa Barbara City College, and Alan Hancock), in addition to Oxnard College through the HSI STEM program, have increasingly strengthened, in part due to MCCP-to-MEP alumni links, and as a result of concerted efforts by the directors.

CLMEIF – Engineering Information Foundation – Engineering is for Women:
Building Excitement Sustaining Enthusiasm

Our MESA program started this engineering information and outreach program for first-generation college-bound junior high girls and their mothers (or significant

adult female home models) in 2015. Prospective participants attended Science & Technology MESA where they participated in a How to build a Speaker workshop hosted by the MEP female mentors. Working consistently with the UCSB MEP female mentors and activity facilitators, the program will intensify in fall 2015 through campus and lab visits, workshops, hands-on activities, and connections with female engineering students, faculty, staff, and professionals. MEP mentors will also visit and mentor the young girls (and, for special occasions, their mothers) at the local school sites.

EILEEN BORIS

Highlights include a policy report, "Enforcement Strategies for Empowerment: Models for the California Domestic Worker Bill of Rights" and organizing a meeting of stakeholders and experts at UCLA Labor Center on June 3, 2015.

MARY BUCHOLTZ

Research highlights this year from my SSRGP grant include: (1) Hosting a workshop showcasing the research of graduate student participants in the 2013-14 year-long Crossroads seminar/research project (October 17, 2014); (2) Organized a panel of the American Educational Research Association in Chicago showcasing graduate student research; and (3) Led a year-long writing workshop to produce an edited volume of student work from the Crossroads seminar.

MARIA CHARLES

The grant period closed on 9/30/14, so most research activity was described in the last report. In 2014, my graduate students and I published "Who Likes Math Where? Gender Differences in Eighth-graders' Attitudes around the World" in *International Studies in Sociology of Education*. I continue to work on a follow-up research article, "Girls Opting Out? Societal Affluence and 8th-Graders' Aspirations for Math-related Jobs," which I plan to submit to a general-sociology journal.

EVE DARIAN-SMITH

I have had a busy year working on research and writing related to my grant on indigenous sovereignty. This has included archival and media research as well as a range of interviews with native and non-native peoples. I have made excellent progress on my new book manuscript under contract with Cambridge University Press *New Indian Wars: The global challenge of indigenous sovereignty*. And I have presented work at four conferences and invited workshops.

DIANE FUJINO
CHRISTOPHER MC AULEY

This project “New Politics and New Polities: Equity-Oriented, Race-Conscious Social Movement Mobilization in California Communities” was designed to engage activists and scholars in critical dialogues about theories and strategies of organizing, leadership and organizational models, and structural and personal obstacles in social movement development. We involved six primary community-based racial justice organizations from throughout California as well as scholars and student organizations from UCSB and a number of local community organizations in a two-day symposium on May 8-9, 2015, at held at UCSB’s MultiCultural Center, consisting of a combination of public panel and discussion as well as closed-door discussions.

To prepare for the symposium based on our model of horizontal, egalitarian community-scholar collaborations in planning and executing dialogues, we traveled to each of the six primarily organizations for face-to-face discussions as well as follow up discussions, primarily over email, but also by phone and in-person. The discussions in the symposium revealed a multiplicity of creative organizing and effective mobilization strategies, of structural challenges to organizing, and of the importance of building democratic participatory processes by developing the leadership of those most affected by social inequalities. We are in the process of writing our report of the symposium to be shared, evaluated, and revised by the six primarily organizations and other symposium participants.

LYNN GAMBLE

This grant is through the California State Office of Historic Preservation (OHP). OHP is responsible for administering federally and state mandated historic preservation programs to further the identification, evaluation, registration and protection of California’s irreplaceable archaeological and historical resources under the direction of the State Historic Preservation Officer (SHPO), a gubernatorial appointee, and the State Historical Resources Commission (SHRC). The California Historical Resources Information System (CHRIS) includes the statewide Historical Resources Inventory (HRI) database maintained by OHP and the records maintained and managed under contract by eleven independent regional Information Centers (IC). The Central Coast Information Center (CCIC) maintains and manages records for San Luis Obispo and Santa Barbara counties. Responsibilities of each IC include the following:

- Provide archaeological and historical resources information on a fee-for-service basis to local governments and individuals with responsibilities under the National Environmental Policy Act (NEPA), the National Historic Preservation Act (NHPA), and the California Environmental Quality Act (CEQA).
- Integrate newly recorded resources and information on known resources into the California Historical Resources Inventory.

- Collect and maintain information on historical and archaeological resources developed under projects or activities which were not reviewed under a program administered by OHP, including:
 - Information on individual resources identified and evaluated in CEQA documents;
 - Archaeological surveys performed by academic or avocational groups which are not associated with federal projects;
 - Archaeological and/or historical resource surveys conducted by agencies for planning purposes that do not involve an undertaking subject to review under Section 106 of the NHPA;
 - Maintain a list of consultants who are qualified to do work within their area.

The CCIC & Assistant Coordinator, Jessika Akmenkalns, attended the CHRIS Annual Meetings, which took place September 15-17, 2014 in Sacramento. The Annual Meeting attendees include the SHPO, representatives from OHP, and representatives from each information center across the state of California. The meeting agenda included discussions about the CHRIS modernization and sustainability plan, the CHRIS service delivery model, IC annual agreements, digital standards review, CalFire/IC contractual agreements, SHRC meeting preparation, tribal access and the Office of Historic Preservation Tracking and Inventory System (OTIS) project.

The CHRIS Modernization and Sustainability Plan award is an ongoing statewide effort by OHP and the CHRIS that entails fully digitizing and standardizing the documentation of cultural and historical resources. This process is being undertaken in three phases:

1. Scan resource records to PDF files and enter them into the resource inventory and Geographic Information Systems (GIS) databases
2. Enter cultural resource reports and related data into the report inventory and GIS databases
3. Scan cultural resource reports and related documentation to PDF files

Research Highlights on my USDI National Park Service award “Archaeological Survey of Terrace and Upland Areas on Santa Rosa Island” include the following:

During the months of July and August 2014, a crew from UCSB completed 12 days of survey on Santa Rosa Island as part of the Santa Rosa Island Terrace and Uplands Survey designed by Kelly Minas. UCSB graduate student Kristin Hoppa (Field Director) led this phase of the project with oversight from Lynn Gamble (Principal Investigator). There were two eight-day rotations during July 1-8 and July 29-August 5. Each rotation included travel days to and from the island, allowing for six full days of survey and a total of 36 person days. Following the archaeological survey protocols outlined for Channel Islands National Park by Jennifer Perry, surveys were conducted with pedestrian transects at 10-15 meter intervals. During this phase of the project, the crew covered approximately 1,400 acres of land, assessed five known sites, and recorded 26 new sites and seven new isolates.

The project goal of the Wenner Gren and National Geographic awards is to investigate the emergence of sociopolitical complexity among the early hunters-gatherers of the Santa Barbara Channel region. The specific focus is on landscapes and the construction of places of social memory through depositional practices, issues linked to identity. An ideal site to investigate these topics is El Montón, an Early Period shell mound on Santa Cruz Island, the largest extant mound in the region. Archaeological and geophysical methods were used to address the occupational history of the mound, its formation, and its meaning. Archaeological investigations of shell mounds in other regions are generating new interpretations about the meaning of mounds and intentionality of their construction, but have not been a focus of research in southern California. With its many features and mortuary data, El Montón is an ideal site to investigate the significance of mounds within the context of hunter-gatherers.

The first step for this project was to compare the mound at CA-SCRI-333 with other shell mounds in the region, California, and the world. The background research for this portion of the grant was completed in the summer of 2014. A document synthesizing previous investigations was completed and serves as background for a manuscript that will be submitted as an article. In late August of 2014, a geological team of graduate students led by Professor Alexander Simms (UCSB) made several attempts at collecting vibracores, but in the end, simple subsampling of auger holes at systematic depths proved to be the best way to characterize the geology of the subsurface. The same team collected 5.5 km of ground penetrating radar (GPR) profiles. This included 18 N-S oriented profiles and 9 E-W oriented profiles. They used 100, 200, and 500 MHz frequencies; the 200 MHz frequency provided the best combination of resolution and depth penetration. The GPR data shows that the shell midden is underlain by a prominent horizontal high-amplitude reflector – presumably the MIS5e (120,000 year old) marine terrace. This terrace was about three meters beneath the ground surface. This was highly significant data in terms of determining the formation processes of the mound. The data indicate that the northern portion of the mound consists of about one meter or less of shell midden, underlain by dune sand. In contrast, the southern portion of the mound, where the house depressions are situated, did not appear to have substantial dune sands, but instead was primarily made up of cultural material, indicating that the site inhabitants built up the mound in this portion. The GPR data was confirmed with a 1x.5 m unit that was excavated to a depth of about 3 meters. In addition, 10 shovel test pits/augers were placed throughout the mound, again confirming the GPR results.

On Wenner Gren ten AMS dates and approximately thirty AMS dates (National Geographic) on shell were processed by Direct AMS. The dates confirm that the cultural deposits at SCRI-333 are between 3,000 and 6,000 years old. Most of the AMS samples were taken from stratigraphic profiles, providing details on the mound construction. A second red abalone lens was found on the northern portion of the mound and dates to the same time as the other red abalone lenses, approximately 6000 to 5000 years ago. All of the AMS dates for the red abalone lens overlap each

other, indicating that this feature was deposited quickly. This suggests that it may have been the result of one or several feasting events versus hundreds of years of reoccupation of the site. Preliminary analyses of the shellfish remains indicate that in addition to red abalone, this lens had an abundance of sea urchins. The later deposits differ considerably from the shellfish in the red abalone lens; they consist primarily of highly fragmented mussel shells. The bones recovered from the excavations are still under analysis.

The paleoethnobotanical remains analyzed by Eric Wohlgemuth at Far Western provide additional evidence that the red abalone lens may be the remains of feasting events. A much greater diversity of plant remains was found in this lens compared with other portions of the site. This distinction is reflected in the median frequencies, which only registers as greater than zero if a taxon is found in more than half the flotation samples. The only taxa registering as medians >0 are wild cucumber and tiny, badly degraded fragments of grass family seeds in most of the samples. In contrast, acorn and maygrass register as >0 for the red abalone feature. More telling in sparse samples like these is the notion of ubiquity or % presence, where each taxon is examined to see how many samples were found as a % of the total number of samples analyzed for a given component. Acorn, wild cucumber, tarweed, and clover are the only genera found in the non-feature samples, while 21 small seeded genera, including manzanita, Brodiaea, acorn, islay, and wild cucumber were found in the red Abalone feature.

The results from the work that was undertaken for this grant are outstanding. A much greater understanding of the formation processes of the mound, the red abalone features, and the chronology of the mound will provide the basis of a significant article on this highly unique site.

ROLAND GEYER

Overview:

- A market-based framework for scrap markets was developed.
- Life cycle assessments of cell phone refurbishment and repurposing were completed.
- A two-stage least-squares regression model for the North American steel scrap market was developed.
- A global material flow analysis (MFA) of thermoplastics was completed.
- Review and meta-analysis of existing recycling methodologies in life cycle assessment were conducted.
- Recommendations on how to treat recycling in attributional and consequential life cycle assessment were formulated.
- 5 oral presentations were presented at conferences.
- Our submission to the 2015 ARCS (Alliance for Research on Corporate Sustainability) Research Conference received the ARCS Outstanding Paper Award.

- 3 manuscripts were published or accepted for publication in top peer-reviewed field journals.

ZACHARY GROSSMAN

The research on my grant from the SSRGP "Dual-Process Reasoning in Giving" has been completed. A PhD student was hired as a student assistant and helped with the programming and design of the experiments. Experiments were conducted over the course of the academic year. A paper titled "Testing for Dual-Process Reasoning in Giving" was completed in June and submitted to the *Journal of Economic Psychology*, where it is currently under review.

MARY HANCOCK

The grant was made for the activities of a multi-campus research group on religion and urban space. It did not support research activities. The main activity was a graduate conference and workshop and ongoing maintenance of the MRG web site.

JEFFREY HOELLE

The aim of this SSRGP project was to work with students to create learning tools. I have worked with several students over the past year and we have created a museum of sorts in my lab (HSSB 2075) and we are still working on getting the online content ready. We worked through some of the main issues last year, including selecting a platform, theme, and uploading content. Students in ANTH 2 were able to use the preliminary site as a resource for their own projects. The funds from the ISBER grant were used to buy a scanner and this has aided us in transforming paper into online content. The ISBER portion of the project is finished.

MARY JACOB

This School Emergency Response to Violence Department of Education grant, which was funded beginning 03/01/2015 and runs through 02/29/2016, provides salaries and benefits for five additional staff members across the areas of social work, student and employee counseling, and student mental health response coordination. These additional staff members will help the campus community to continue recovery from the after-effects of the May 2014 Isla Vista tragedy.

Grant activities to date include advertising, recruiting, and hiring the five grant staff members who will be based in Student Health Service (social worker), Counseling and Psychological Services (two psychologists), Student Mental Health Services Coordination (coordinator), and Human Resources (psychologist). Hires are

currently underway for nearly all of the positions with tentative start dates prior to fall quarter 2015.

Additionally, grant funds were used to reimburse lodging expenses for additional CAPS counselors from other UC campuses who provided mutual aid to UCSB during the month of May, which marked the one-year anniversary of the May 23, 2014, mass murder in Isla Vista.

MARY JACOB
JILL DUNLAP

During the Fall of 2015, UCSB was selected as one of 13 campuses for a pilot program with the Department of Justice, focused on education for student athletes. The Healthy Masculinity Campus Athletics Project (HMCAP) is a year-long initiative created by Men Can Stop Rape in partnership with the US Department of Justice Office on Violence Against Women and Positive Coaching Alliance. HMCAP focuses on addressing the need to engage college athletes as allies in preventing gender-based violence and creating a safer campus culture. Athletes have played a historical role in advocating for social justice and cultural change. It is this spirit of leadership, advocacy, and activism that HMCAP is working with college campuses to promote and cultivate. In particular HMCAP encourages college campuses to actively develop college athletes as allies and leaders in primary prevention of sexual assault and gender-based violence.

BRANDON KUCZENSKI
ROLAND GEYER

The work on our CalRecycle project produced an operable database and Web application for visualizing and interpreting the results of a life cycle assessment study completed previously (GROIL1-2-3). The database is exposed via a public application-programming interface (API) for obtaining technical information describing the study. Both the web service and the client application are released under open source licenses, permitting others to continue development or perform their own implementations.

BRANDON KUCZENSKI
AMR EL ABBADI

Our work has focused on the development of a precise computational description and framework for documenting the provenance of environmental life cycle assessment models and results.

The provenance framework is being used to identify data privacy needs in LCA that could be put in terms of privacy-preserving computational techniques, and to develop software prototypes for secure, efficient privacy-preserving LCA computations.

The interdisciplinary project forms a bridge between the industrial ecology and computer science communities at UCSB and elsewhere.

**SHELLEY LA MON
JUAN-VICENTE PALERM**

Thus far our ethnographic research in Oxnard, California has opened up a window of observation into the lives of indigenous Mixtec immigrants and the ways they are working together to maintain ties to their home communities while seeking empowerment in the U.S. Through volunteer activities with the Mixteco/Indigena Community Organizing Project (MICOP) the researcher has had opportunities to participate in and observe community meetings and cultural events. This immersion has facilitated the identification of key informants and important issues for analysis. Interviews are currently being conducted with members of the organization as well as with those who are not affiliated. So far the transcriptions have yielded fruitful insights and data on indigenous immigrant experiences in the U.S. Interviews will continue for the remainder of the Oxnard fieldwork to get a sense for the inter- and intra-ethnic group dynamics and the density and spread of the community's social network.

DEBRA LIEBERMAN

This project funded by the Alzheimer's Association developed, and is now evaluating in an outcome study, an online personalized resource designed to improve healthy lifestyle habits for adults of all ages, mainly targeting ages 50 to 65, who want to maintain or improve their cognitive health and mental sharpness through healthy lifestyle changes. In prior years, we created online resources and tools to motivate and support behavior change in five key lifestyle areas known to delay the onset of Alzheimer's disease: (1) nutrition, (2) physical activity, (3) stress management, (4) mentally challenging activity, and (5) social engagement. We established a social network that gives members access to personal goal setting and progress-tracking tools, opportunities to post messages and provide support to other members as they work on improving their lifestyle habits, motivational stories and tips, links to health promotion information, links to brain games, and a personal avatar we designed to provide visual feedback about the participant's progress toward lifestyle goals. To assess the effectiveness of these resources, we conducted an online pilot study on the Mindbloom site and then conducted a randomized controlled trial outcome study on the Digifit site. The outcome study gathered pretest and posttest survey responses; data captured from goal setting and goal

tracking tools on Digifit (with participants randomly assigned to see a personal avatar that displayed either (1) the individual's progress on achieving lifestyle habit goals or (2) average group progress that was displayed alongside the individual's progress display, to enable social comparison); and game scores and usage data from participants who were randomly assigned to receive a premium Lumosity.com account that gave them access to brain training games designed to improve attention, memory, and other cognitive skills. In 2014-2015 we recruited and enrolled participants online and ran the randomized controlled trial outcome study. We will complete data analysis and reporting by fall 2015.

With funding from the Robert Wood Johnson Foundation three-year grant we provide scientific leadership and develop resources aimed at advancing the health games research field. In 2014-2015, Debra Lieberman published a handbook chapter on using digital games to promote health and she and Erica Biely worked on several research projects including two nationwide large-scale representative sample surveys that will be presented in a forthcoming report called *Playful Nation: A Survey of Video Game Use in the United States, Ages 1 to 93*. We also led two webinars for our academic and industry colleagues, one to engage them in discussion about the future of the health games research field and to collaborate on a white paper on that topic, and another to train researchers to work effectively as consultants for industry clients. We promoted the research findings of our 21 Health Games Research grantees and extensively updated the listings of health games and related publications in our online searchable Health Games Database. Debra gave 12 conference presentations; appeared in four videos discussing our research including a video in the SAGE Publications video series on *Media and Communication Research in Practice*; was interviewed by eight print and radio news outlets; served on 11 advisory boards and three editorial boards including serving as associate editor for *Games for Health Journal*; and provided advice and assistance to numerous colleagues and organizations in the health games field. In addition, with support from this grant, Debra and Erica worked to build the Center for Digital Games Research at UCSB; developed the center's web site; invited UCSB faculty to join as affiliates; recruited five leaders in digital media research, development, and entrepreneurship to serve as advisors to the center; and worked to attract funding to support operation of the center and to support multidisciplinary research on digital media and games.

PEI-TE LIEN

In this extended period of the 2-year project funded by the Chiang Ching-Kuo Foundation, I used the remaining balance to pay for graduate student service in managing survey data, conducting supplemental literature review, and providing editorial assistance in turning a conference paper into publication.

SHELLY LUNDBERG

The main goal of the project was to develop a grant proposal that would form part of a P01 application to NIA linked to the new data to be collected by the partially-funded “Add Health Parent Study.” The original team that put together the successful proposal for the first wave of funding has been engrossed in constructing the survey instrument and putting together proposals for subsequent waves of data collection (this group is headed by Joe Hotz and Kathy Harris and includes me). This has taken longer than anticipated, and the P01 submission has been put off until next year.

In the meantime, I’ve completed three working papers on the relationship between cognitive and non-cognitive skills and educational attainment, family outcomes, and intergenerational ties using existing Add Health data that will strengthen the P01 proposal. These papers are: 1) “Skill Disparities and Unequal Family Outcomes” (forthcoming in *Research in Labor Economics*).

MARIANNE MITHUN

The goal of the project is the creation of a corpus of spoken Navajo conversation, with audio recordings, transcriptions, word-by-word glossing, and translation. Over the past year we have continued to build the corpus with transcribing, glossing, and translation. I have been using the data from the corpus for a variety of presentations and publications on general linguistic theory.

KAREN MYERS

During the past year, my graduate student and I have been analyzing data and writing two papers. Both papers are close to journal submission. One paper was presented by my student at the International Communication Association Conference in May and the second we will present in November at the National Communication Association Conference.

ANNE PISOR

MICHAEL GURVEN

Researchers in the social sciences have connected integration to national markets with changes in trust and prosociality, where trust is the belief that other individuals have one’s best interests in mind and prosocial behavior favors others at a cost to oneself. This relationship is not consistent, however: in a cross-cultural study of initial prosocial behavior towards strangers, market integration did not reliably positively or negatively predict prosocial behavior at the individual level. Instead, as social psychologists note, intergroup contact is not sufficient to change

valuation of out-group members, particularly because initial interactions with out-group members can go poorly. The question is, under what circumstances will individual actors positively value members of an out-group, changing prosocial and trusting behavior towards them accordingly?

With support from the National Science Foundation, I was able to spend nine months in the field (June 2014-March 2015) gathering data to answer this question. I work with three populations of horticulturalists in lowland Bolivia: the Mosestén, the Tsimane', and the multicultural community of Tukupí. The three populations together capture the range of market integration present in lowland Bolivian horticulturalists. Further, because of how they gather and produce food, horticulturalists are pre-historically and historically very independent peoples. As such, research with horticulturalists provides an even more stringent test of my research question than research with agricultural, industrial, or even hunting and gathering populations.

In my nine months in Bolivia, in addition to collecting a wealth of ethnographic information, I conducted 200 complete interviews. I surveyed participants about the perceived benefits and costs of membership in various groups, their trust in members of these groups, and their history of interaction with group members. Surveys also included questions tapping local integration to Bolivian society and the market economy, such as household income, travel history, and market items owned, as well as questions probing degree of need, like subjective adult- and childhood SES and recent household illnesses. Interviews closed with an economic game I designed to gauge initial cooperation towards out-groups.

Preliminary analyses suggest that, controlling for numerous individual-level confounders, such as trust in other people in general, as well as population of residence, participants exhibit more initial prosociality towards out-group members when they have traditional resource access (e.g., sufficient food and no recent illness hindering production) but less market resource access than others in their community. This effect may be moderated by participation in traditional means of production (i.e., cooperative labor). Using the same individual-level and population controls, I found that participant trust in out-groups is positively predicted by net positive change between their childhood and adulthood subjective SES: those with a lower childhood SES, but higher current SES, are more likely to express trust in out-group members. These results suggest that participants are more likely to positively value out-group members when they themselves need or desire resource access: if participants know shortfalls can occur, or have fewer market goods than their fellow community members, building relationships with out-group members may be important for gaining access to these resources.

SIMONE PULVER

The scope of work for this project centered on two primary activities:

- An international workshop focused on organizational responses to uncertainty in coastal management in comparative perspective; and
- A pilot research project investigating uncertainty in coastal management in the California central coast region, focusing on offshore wind and aquaculture.

The two-day workshop “Managing Coastal Environments: Organizational Responses to Uncertainty” was held at UC Santa Barbara on April 20-21, bringing together ten scholars from Germany, the Southeastern United States and California, to present and discuss the challenges of managing coastal environments under conditions of uncertainty. The workshop focused on both wind energy and aquaculture as two new coastal uses and was explicitly comparative across the West Coast, East Coast and European contexts.

The results from the workshop helped to redirect the research component of this proposal. It quickly emerged that offshore wind in California is too distant a prospect to make a good case study of organizational responses to uncertainty. Likewise, it became clear that the biophysical uncertainties related to offshore aquaculture are well-established, with concerns about alternate uses, including viewsheds, being the primary source of conflict. However, efforts to manage sea level rise emerged as the most promising case study topic, with significant possibilities for comparative work on the East Coast of the US and in northern Europe. Pilot interviews related to this new case study are scheduled to be completed in the fall.

MAYA ROSSIN-SLATER

Together with a research team from Columbia University and University of Virginia, I designed and implemented a survey of approx. 400 small firms in RI, CT, and MA, asking them about their experiences with and attitudes toward paid family leave. This is a follow-up survey to a baseline we conducted in December 2013. RI implemented a paid family leave program in January 2014, and we intend to analyze the effects of the law on employer attitudes and experiences with workers taking leave by comparing RI employers to CT and MA employers, before and after the program went into effect. I presented preliminary findings from the survey data at a conference on paid family leave in New York in June 2015.

I also worked on an analysis of the effects of California's paid family leave program on fathers' leave-taking. This project uses data from the American Communities Survey (ACS). Together with my research assistant, Jenna Stearns, we have analyzed the data and written a first draft of the paper. We are currently finalizing the analyses and continuing to work on the paper.

HEATHER ROYER

NIH award: There are many instances where individuals intend to take some action but do not. For example, individuals often plan to engage in physical activity but do not follow through. This inconsistent behavior has led to a literature on commitment demand (i.e., contracts which enforce penalties if an individual does not carry through with their plans). In the past year, we have been developing a survey to measure an individual's demand for commitment in the context of exercise. We have run several pilot surveys and will rollout our study in the coming months.

University of Michigan award: Community health centers are a crucial part of the Affordable Care Act. Much of the extra care provided to the newly-insured will come from community health centers. Despite the heavy involvement of community health centers, not much is known about the effects of community health centers on health care access and health outcomes. We have been collecting data on health centers and the populations they are intended to serve over time. We are investigating how health center availability in a county impacts an individual's usual source of care and their health outcomes.

EMIKO SALDIVAR

With UCMEXUS funds I was able to establish important contacts and possible sites for future research. The interviews conducted during this first visit, will help me in the development of my research questions.

STUART TYSON SMITH

In the Tombos cemetery, we opened one new area and continued work in several tombs partially excavated in previous seasons, re-excavating the shafts of the Unit 4 Pyramid of Siamun, the Unit 23 pyramid, where the horse burial was found in 2011, the Unit 35/6 pyramid shaft and Unit 36 chapel shaft, both of which were discovered and partially excavated in 2013. We also excavated a 300 square meter area to the north of Siamun's pyramid, discovering a large new pyramid complex, which covered earlier tombs, including a small shaft and end chamber tomb, a simple pit tomb, and the remains of another chapel or pyramid. Additionally, a new tomb shaft was identified to the south of the new tomb, although we left it unexcavated. In spite of the fact that we had to cease operations in the two deep tombs (Units 4 and 23) due to the dangerous instability of the chambers, our work was still very productive.

Key outcomes/Other achievements:

Excavation within the modern village of Tombos began in the streets to the north of the Mosque, opposite the area to the south where we found a New Kingdom building

in 2013, and moved on to an open area to the west within the village. Unfortunately, the site was completely denuded in these areas, with our excavations coming down directly on natural alluvium. This work did, however, produce groups of pottery, groundstone and a few small finds like spindle whorls and fragments of alabaster vessels.

Excavation in the middle of the village next to and within the compound of a house (with the owner's permission) revealed the remains of the basement/foundation of a substantial structure dating to the mid to late 18th Dynasty, adding to the evidence that the settlement associated with the cemetery covered a large area under the modern village. A four meter wide pit was dug into the alluvium and lined with mud brick walls, creating an impressive room at least 20 meters long and 3 meters wide. Large assemblages of pottery were recovered, along with a few small finds of a domestic character typical of settlements, with several complete or nearly complete vessels and a faunal assemblage coming from the floor of the basement. The construction of a subterranean basement is previously unattested in Pharaonic architecture in the region, although foundations for large-scale stone temples have a similar character. This would be consistent with other New Kingdom colonial sites in Nubia, which have monumental stone temples. Work next season will focus on defining the limits of this interesting structure and further testing at the northern and eastern limits of the ancient settlement.

A total of 12 shallow broad exposure excavation units were excavated at the Hannek settlement (UCLA 97-98). A large number of postholes were present throughout Units 3-12, with evidence of circular and possibly rectilinear structures in these areas. At least three such structures contained ashy deposits, likely indicating the presence of hearths. The pottery collected from Units 3-12 primarily consist of locally made ceramics dating mostly to the Kerma Classique phase, but several examples of Egyptian imports are present as well. Other cultural material from these units includes a collection of white and black ostrich eggshell beads, a sizeable lithics assemblage, and faunal remains.

The cemetery at the site of Hannek (UCLA 97-97) was also explored this season. Three units were excavated and a total of 10 burial pits (seven skeletons) were excavated. Unfortunately, significant surface erosion had taken place and many of the skeletons were poorly preserved due to their proximity to the surface. The burial pits spanned the New Kingdom/Napatan Period to the Christian Period. One burial of particular interest was Unit 1 Pit 1; this was the burial of a middle-aged woman and dates to the New Kingdom/Napatan Period. This burial was not looted but was badly damaged by surface erosion. Supine and oriented east-west with head to the west in Egyptian fashion, she had two Nubian-style hand made ceramic bowls resting on her stomach and chest. The woman was also interred with one rather crudely worked carnelian and one very fine jasper earring (in-situ) as well as a scarab naming Menkheperre (the throne name of either New Kingdom king Thutmose III or 25th Dynasty king Piankhi), which was placed as a ring on her

fourth left finger. Another scarab and fragmentary jasper earring were found in the surface deposits.

A large Kerma cemetery to the west of Abu Fatima (~5km SW of Tombos) was also investigated. The cemetery had been badly damaged by alluvium mining in connection with the Abu Fatima canal; large cuts (.2-2m deep) into the ground surface had been made over ~75% of the total site. Discussion with local authorities revealed plans for the area to be used for houses, a scheme which has thus far been confined to the construction of a water tower near the Abu Fatima canal. The site was never excavated by the salvage project connected with the canal, and has been assumed to have been effectively destroyed during the canal's construction. In consultation with the National Corporation for Antiquities and Museums (NCAM), we decided to conduct salvage operations at the site in order to assess its state of preservation and potential for future excavation before it disappears completely. This season's efforts focused on two test units in the undisturbed portion of the site. Within this 200 m² area, seven Kerma Period burial pits were excavated (at least five other pits were identified, but were not excavated due to time constraints). These graves span the Kerma Ancien, Moyen, and Classique Periods, indicating the cemetery was in use for centuries. A total of nine skeletons were excavated from these pits, several of which had been looted in antiquity. Despite being looted, large pot sherds, lithics, beads, and human bone were excavated from Abu Fatima this season. One burial was not looted and was excellently preserved (Unit 2, Pit C). This young adult man was found in a burial pit. Cattle hides were laid underneath and on top of the body, a typical practice in the local Kerma culture. Additionally, the individual was buried with an ostrich feather fan and wore a pair of well-preserved leather sandals.

The site has a great potential for future research. We estimate that approximately 25% of this once very large cemetery remains in a good to fair state, allowing for the possibility of productive investigation in future. The site remains under threat from both farming and the construction of houses, so we intend to continue work in the cemetery as a salvage operation in upcoming seasons. Being so close to Tombos, the information recovered from this important site will also allow us to better understand the regional context of the colony, especially providing information about the local people who eventually intermarried with the colonists. In order to help protect the site, NCAM identified a local resident who we have hired to monitor the cemetery and report any signs of disturbance or construction.

JON SONSTELIE

The project resulted in three publications and one paper was presented at a conference of the Lincoln Institute of Land Policy.

BARBARA ENDEMANO WALKER

Our first Retreat took place at UC Santa Barbara, July 25-28, 2014. After advertising the opportunity broadly throughout the UC system, we had 53 applications, and we accepted 23 participants to attend the Retreat. 23 invited participants completed the pre-Retreat survey, and 21 participants completed the post-Retreat survey. Several areas of evaluation measure the impact of the UC Team Science Retreat, including confidence in participating in TS, perceptions of institutional barriers to TS participation, and satisfaction with work-life balance.

Confidence in Participating in Team Science

Among the participants, confidence about the following TS abilities increased after the TS Retreat by an average of 25%.

Campus and Departmental Cultures for Team Science

The evaluation attempted to gauge attitudes about campus and departmental culture related to TS and collaboration. These data reveal that Retreat participants do not feel overwhelmingly supported to do TS, either in the departmental or campus environments (Figure 2). Attitudes about support and resources changed slightly for the better after the Retreat. Contrasting these data about perception of support for TS and the participants' perceptions about the importance of TS reveals a tension between faculty and institutional attitudes about TS, given that the Retreat participants almost unanimously agree that TS is beneficial to advancing their career.

Work-Life Satisfaction

Our evaluation also attempted to gauge attitudes about work-life satisfaction. Nineteen (83%) of the Retreat participants considered work-life satisfaction to be important prior to the Retreat and this percentage went up to 90% after the Retreat. In contrast, only 11 (48%) of the participants felt satisfied with their work-life balance before the Retreat, and this percentage went up to 57% after the Retreat.

CASEY WALSH

- Participated in the monthly meetings of the Paso Robles Groundwater Basin Advisory Committee.
- Attended various civic groups' meetings organized around Groundwater politics in Paso Robles.
- Attended special meetings held by the County of SLO / LAFCO to discuss the formation of a Water District.
- Attended the creation and monthly meetings of the Cuyama Valley Community Association.

- Created the Cuyama Valley Community Association Water Committee as an entity that can represent the community of Cuyama Valley to the Board of Supervisors of SB County, as well as the DWR of the state government.
- Attended monthly Board of Supervisor meetings of SB and SLO counties.
- Spoke in the public comment portion of these meetings 3 times.
- Interviews of key actors in the water politics of Paso Robles and Cuyama Valley.
- Participation in webinars and conference calls held by: Union of Concerned Scientists; NGO Groundwater group.

CATHERINE WEINBERGER

This project was on hold most of the year while I waited for my application for sensitive data to be approved (October-June). This summer I incorporated some of the new data into a panel data set describing individual scientists and engineers over long period of time within the 1973-2013 frame. With the addition of information about the employer and tenure status of each scientist, new patterns have been revealed. While the typical U.S. worker has a shorter workweek than comparable workers in the recent past, scientists at research institutions are working longer hours per week than before. This trend was masked when I had incomplete information about who was employed at a research university because scientists with other types of employer are following the more common trend toward a shorter workweek. Preliminary results suggest that the trend toward longer hours is stronger in some fields than others, and that mid-career scientists with larger increases in the typical workweek among their cohorts (in the same Ph.D. field and with the same type of employment) experienced a decline in marital stability.

I have made progress on a study of the dynamics of gender gaps, using the same panel data set to follow fixed groups of scientists over several decades. I also made progress on my longitudinal study of the relationship between generosity and labor market outcomes. I conducted a fourth wave survey and an accompanying experiment.

In addition, two studies of the role of social skills in the U.S. workforce were completed and published this year. There has been quite a media blitz on this topic, including mention in the August 2015 cover story of Forbes.

RONALD WILLIAMS

The Health Data Research Facility provides information technology to hospitals, local health departments, and to the California Department of Public Health. This enables state and local health agencies to establish and maintain electronic databases containing all birth certificates that have been registered in California for

over a decade. The databases are the source for the reporting of California vital events to the National Center for Health Statistics. Electronically matched infant birth and death certificates from AVSS are also the source of an annual "birth cohort file" that is used by researchers throughout the state.

MICHAEL YOUNG
KIMBERLY EQUINOA
JILL DUNLAP

For the period of July 1, 2014 to December 31, 2014, grant funds were used to provide more than 24 distinct training events for professional staff on campus. More than 704 Student Affairs professionals, community members, Police Department staff, Judicial affairs staff and faculty were trained on appropriate response to students who have been impacted by dating violence, sexual assault and stalking. Additionally, during that same time, grant funds were used to provide education to more than 3,800 students on the same topics. Grant-funded advocates served 51 student survivors during the same time frame.



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Organizational Chart 2014-2015

www.isber.ucsb.edu

ISBER

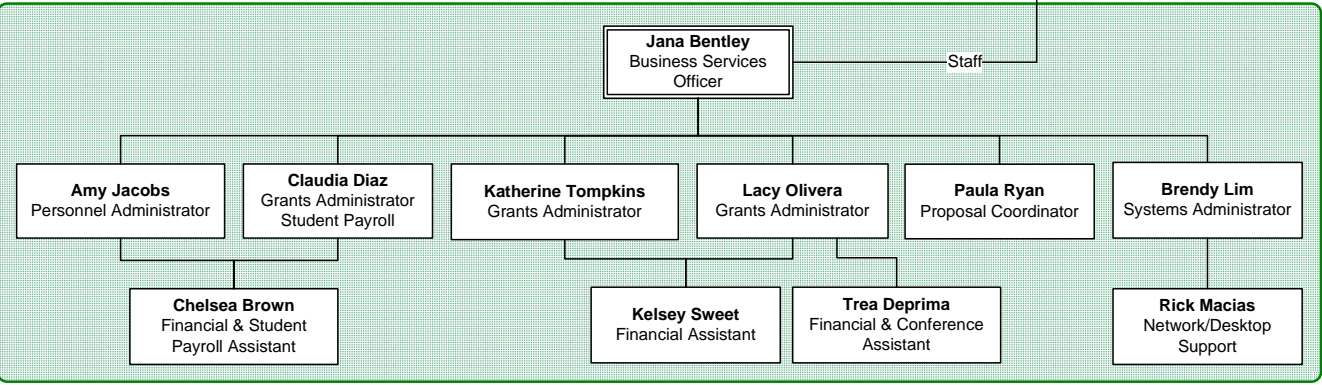
Institute for Social, Behavioral and Economic Research

Vice Chancellor for Research
Meredith Murr
Director, Research Development

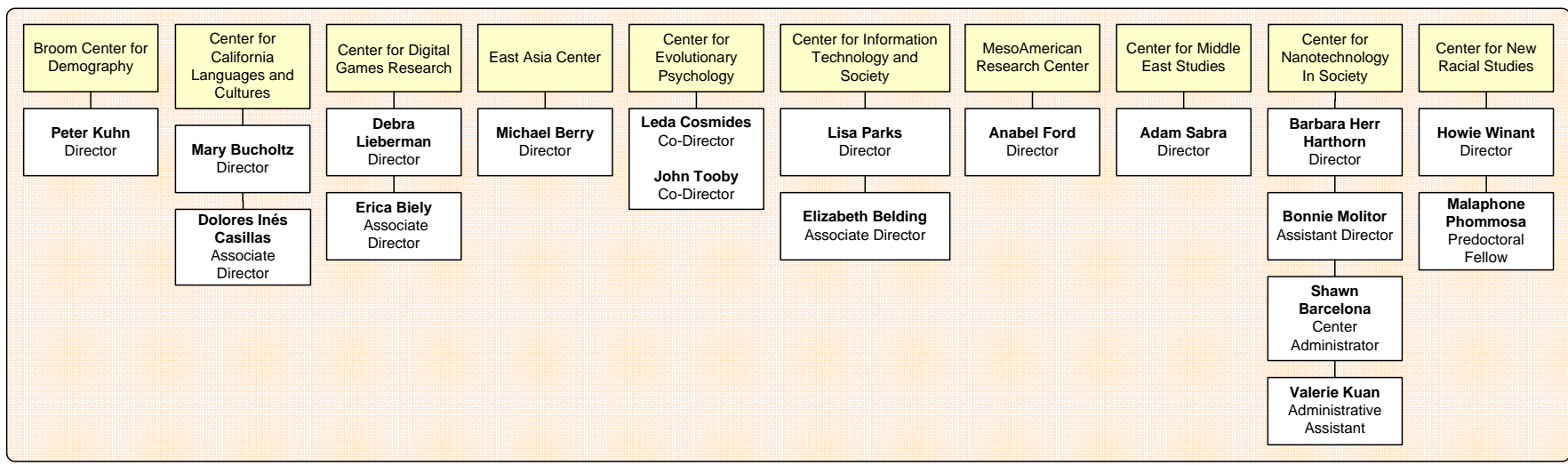
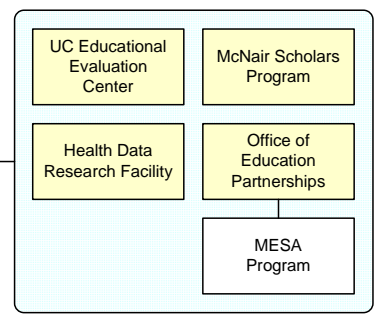
Barbara Walker
Director, Social Science Research Development

Stuart Sweeney
Director

Jana Bentley
Business Services Officer



Programs
Centers





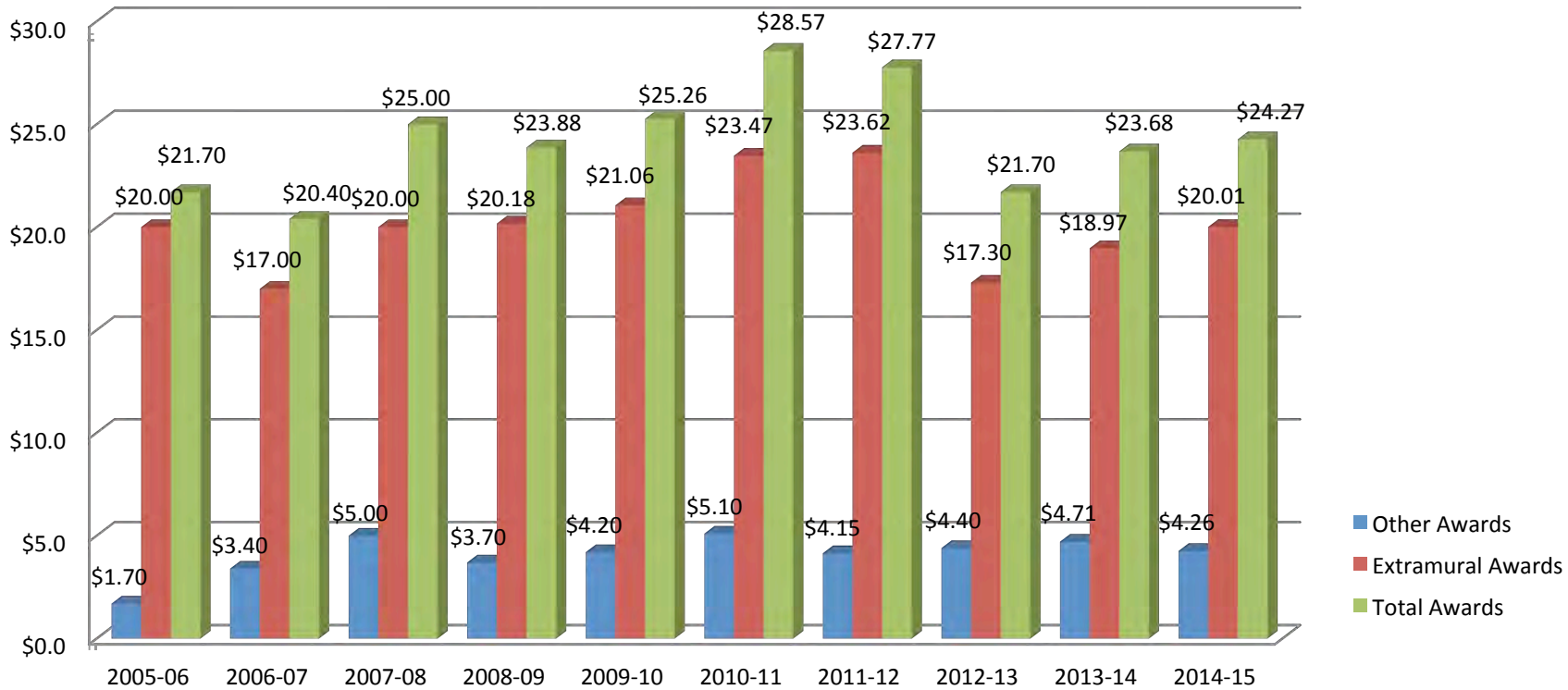
ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

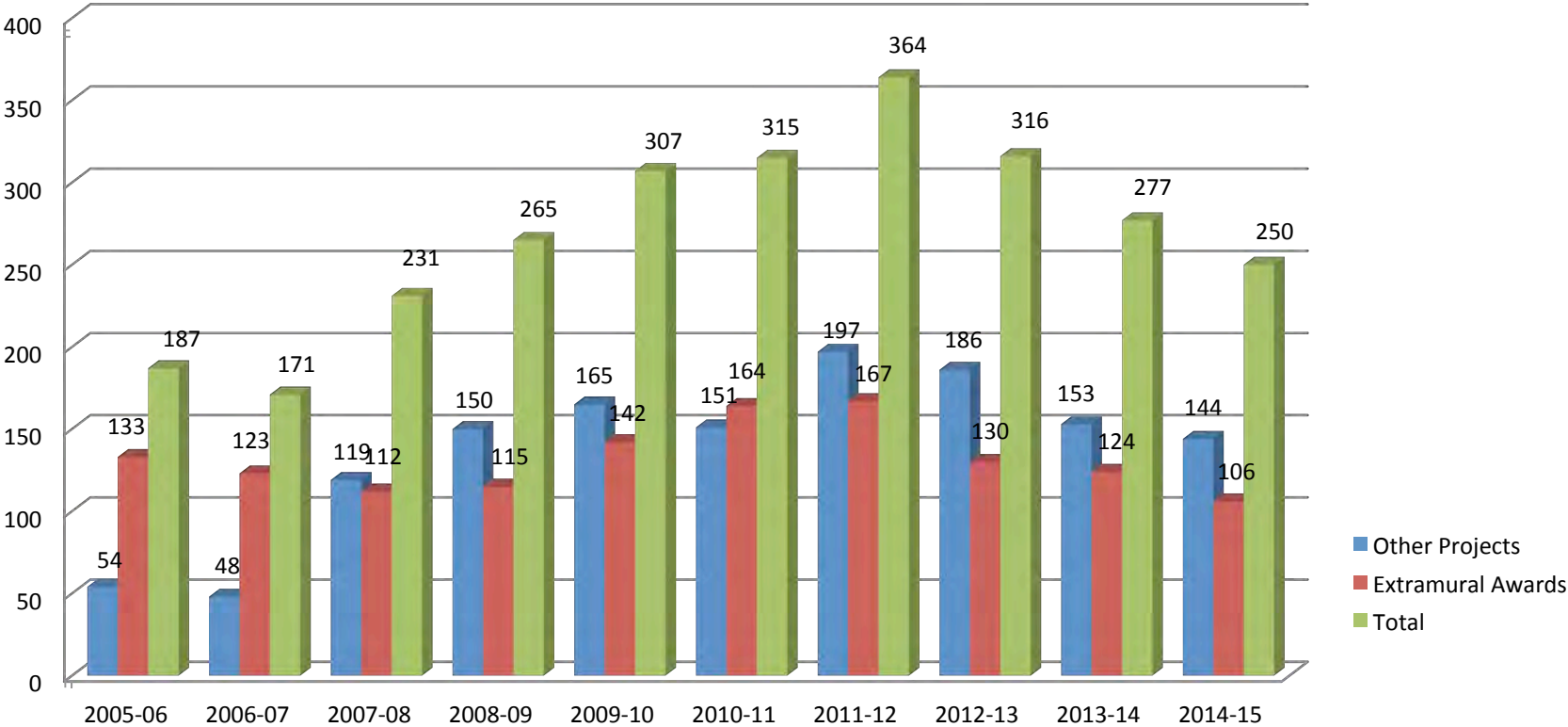
Graphs & Charts 2014-2015

www.isber.ucsb.edu

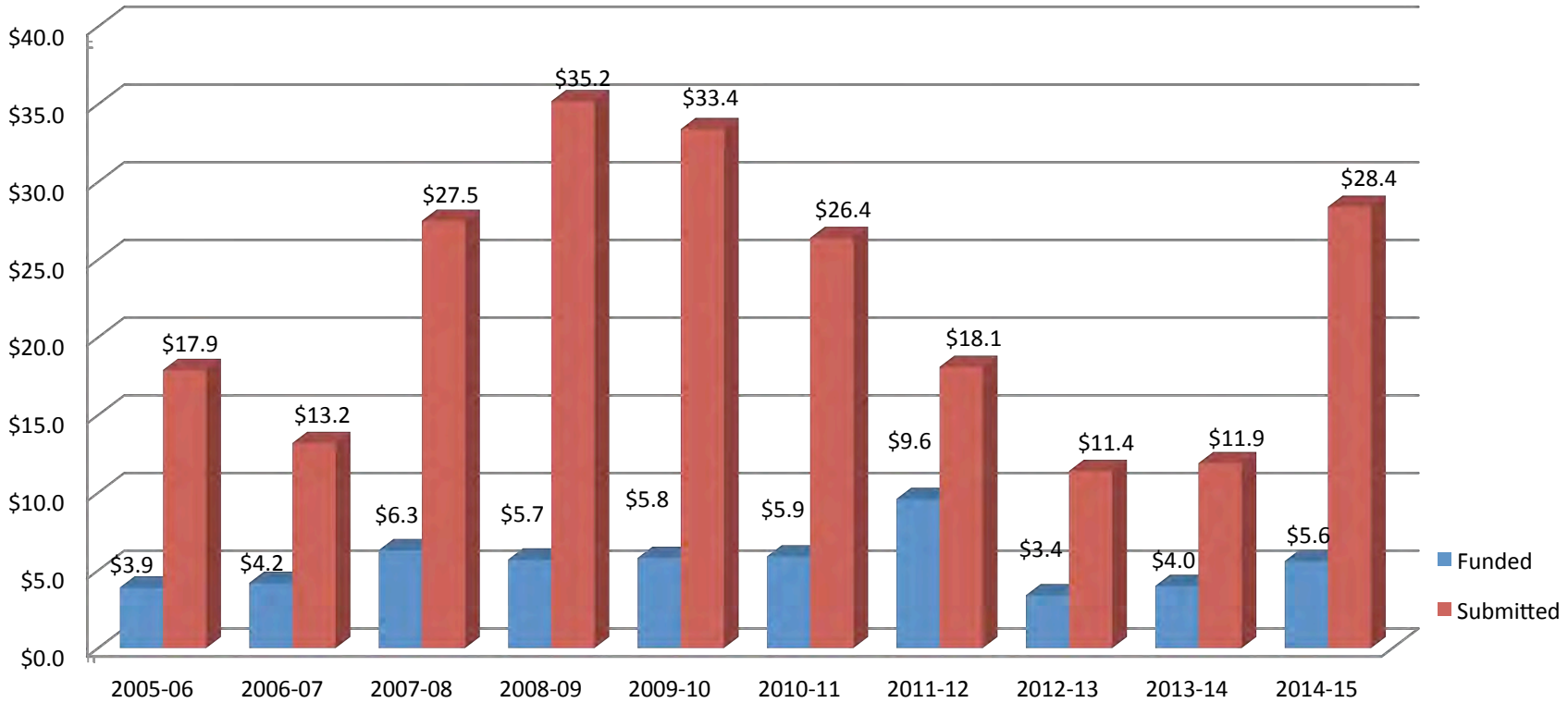
ISBER
Value of Projects Administered
Extramural, Others, and Total
2005-06 through 2014-15
(millions of dollars)



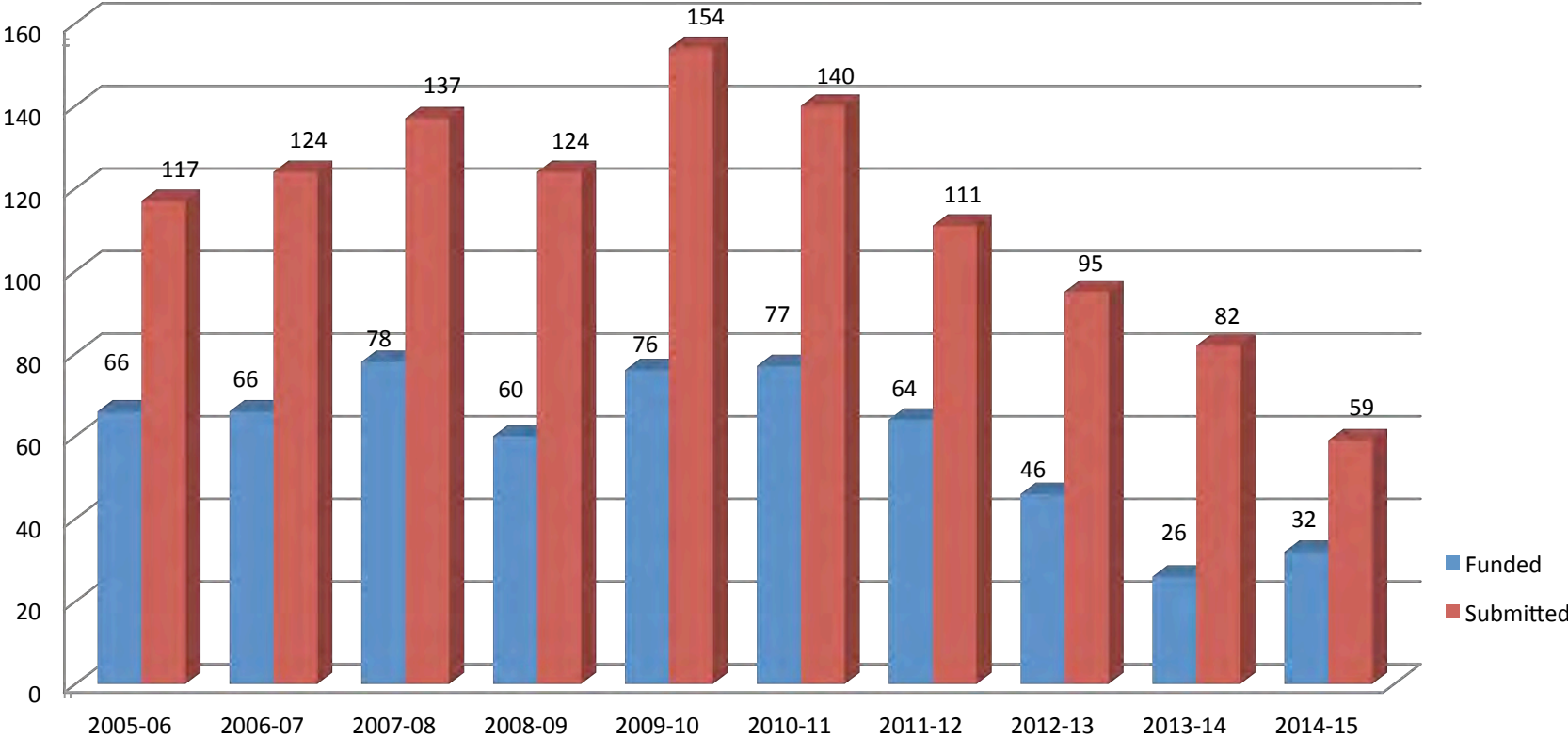
ISBER
Number of Projects Administered
Extramural, Others, and Total
2005-06 through 2014-15



ISBER
Value of Proposals Submitted and Funded
2005-06 through 2014-15
(Excludes Royalties & Gifts)
(millions of dollars)



ISBER
Number of Proposals Submitted and Funded
2005-06 through 2014-15
(Excludes Royalties & Gifts)



**ISBER
Funds Administered
2005-06 through 2014-15
(millions of dollars)**





ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Other Projects & Activities 2014-2015

www.isber.ucsb.edu

WORKSHOPS AND CONFERENCES

July 1, 2014 – June 30, 2015

MARY BUCHOLTZ

I hosted “The Politics of Race and Language in Learning Contexts: An Interdisciplinary Collaborative Workshop,” at UCSB on Friday, October 17, 2014. This informal workshop presented initial research results from UCSB’s year-long interdisciplinary graduate seminar. The ongoing collaboration brings together faculty from Chicana and Chicano Studies, Education, and Linguistics as well as graduate students from numerous disciplines. The research presentations focus on race, language, education, and power through the lens of the multi-sited UCSB-based academic outreach and sociolinguistic justice program SKILLS (School Kids Investigating Language in Life and Society). This event was free and open to the public. Co-sponsors were CCALC, Crossroads Initiative, Department of Chicana/o Studies, Department of Education, Department of Linguistics and ISBER.

LEDA COSMIDES JOHN TOOBY

Co-hosted with international collaborators Alvaro Fischer, Pascal Boyer, Ricardo Andrés Guzmán, Carlos Rodríguez-Sickert and Ana María Fernández “Morality: Cognitive and Evolutionary Origins” conference. This conference in Santiago Chile, July 29-August 1, 2015, explored the cognitive foundations and evolutionary origins of moral reasoning, moral judgments, and moral emotions.

Human social life is steeped in moral concepts (right versus wrong, obligation, cheater, trustworthy, free rider), moral judgments (fair, unjust, entitled, praiseworthy, punishable, forbidden); proto-moral sentiments (empathy, altruism, disgust); and full-blown moral emotions (indignation, anger, guilt, gratitude, outrage). A new field, moral psychology, is investigating the genesis and content of these concepts, judgments, and sentiments. This lively multidisciplinary area brings together psychologists, biologists, economists, sociologists, anthropologists, political scientists, neuroscientists, primatologists, and experimental philosophers. Their research seeks to understand how people produce moral judgments (i.e., which mental and social mechanisms are involved) and why those mechanisms evolved. It brings the methods of science to bear on questions that were once the sole province of the humanities. Is morality the product of pure reason, an arbitrary social construct, or a deep expression of human nature? Do infants have moral intuitions, or are we born amoral creatures? How do moral sentiments and moral cognition shape relationships among family, friends, and romantic partners? Within groups, coalitions, communities, and nations? A growing body of research suggests that the human mind has a rich evolved architecture, which is interlaced with mechanisms

producing judgments, reasoning, and emotions that we recognize as involving morality.

Given the subject's importance, touching everyday current problems which go beyond pure science, the conference's organizers conceived this meeting as a unique occasion to explore the current state of that research program with talks and discussions led by speakers drawn from the US, South America, Europe, and Asia.

**DIANE FUJINO
CHRISTOPHER MC AULEY**

Funding from the UC Center for Collaborative Research for an Equitable California brought together five equity-oriented, race-conscious California groups and scholars from UCSB and UCSD for symposium featuring public and private sessions. We involved six primary community-based racial justice organizations from throughout California as well as scholars and student organizations from UCSB and a number of local community organizations in a two-day symposium on May 8-9, 2015, and held at UCSB's MultiCultural Center.

MARY HANCOCK

A graduate conference and workshop "Spirits of the City: Refabulation, Mobility, Underscapes" was sponsored by the "Religiosity and Urban Place-Making" Multi-campus Research Group, University of California Humanities Network along with co-hosts College of Letters and Sciences, Departments of History, Anthropology and Religious Studies and held at UCSB on May 30-31, 2015. The workshop was on the subject of religious practice and spaces in urban areas -- their geographies, their impacts on the character of cities, their roles in the production of urban spaces. A Call for Papers was circulated in January 2015 and student organizers selected participants and organized panels. A keynote speaker, Joanne Waghorne (Syracuse University) was invited to give a talk and to lead a professional development workshop with the students.

PETER KUHN

"Environmental and Economic Impacts on Human Demography" Workshop, UCSB, May 4, 2015. Population scholars from all over the world, and from several disciplines, will be gathering in San Diego April 30-May 2 for the annual meetings of the Population Association of America. On May 4, several distinguished members of this group will join us here at UCSB to present and discuss their work. The first session focuses on European demography and, in particular, demographic responses to the Great Recession. The second session includes papers on innovative methods for measuring spatial inequality and social mobility. In the afternoon, the

focus shifts to the intersection of health, the environment, and population, concluding with a panel discussion of research frontiers in this area by UCSB faculty and visitors.

DEBRA LIEBERMAN

The Center hosted Trip Hawkins, founder of video game company Electronic Arts and an advisor to the center, who gave a presentation on “Designing Video Games for Social and Emotional Learning” to faculty affiliates of the Center for Digital Games Research, and other UCSB faculty and staff. The presentation took place on May 14, 2015, in 2206 North Hall. A lively discussion and Q&A followed the talk, and Trip encouraged attendees to contact him if he could be helpful in his role as an advisor to the Center for Digital Games Research.

SIMONE PULVER

A two-day workshop “Managing Coastal Environments: Organizational Responses to Uncertainty” was held at UC Santa Barbara on April 20-21, bringing together ten scholars from Germany and the Southeastern United States and California, to present and discuss the challenges of managing coastal environments under conditions of uncertainty. The workshop focused on both wind energy and aquaculture as two new coastal uses and was explicitly comparative across the West Coast, East Coast and European contexts. This project was jointly sponsored through a Research Cluster Grant from the Orfalea Center for Global and International Studies.

Participants in the workshop included six faculty and graduate students from five departments/programs at UC Santa Barbara, two scholars from the East Coast (Dr. Kirstin Dow, University of South Carolina and Dr. Emily Eisenhauer, University of Miami), three scholars from Germany (Dr. Anita Engels, University of Hamburg, Dr. Max-Peter Menzel, University of Hamburg, and Dr. Christian Kuhlicke, Helmholtz Center for Environmental Research), and a California coastal management practitioner (Dr. Ryan Meyer, California Ocean Science Trust). The workshop was divided into six panels, with each panel featuring two thirty-minute presentations, followed by thirty minutes of discussion. Please see workshop website for additional information (<http://newcoastaluses.wix.com/newcoastaluses>).

BARBARA ENDEMANO WALKER

The Elsevier Foundation partially funded travel costs for the UC Team Science Retreat, held at UCSB July 25-28, 2014. The retreat featured training to develop the capacity for team science as well as the leadership and management skills necessary to be an effective team leader and member.

RESEARCH IN PROGRESS – GRADUATE STUDENTS

July 1, 2014– June 30, 2015

The majority of projects administered by ISBER involve graduate students. During 2014/15, 178 graduate students were employed by ISBER projects. The following are projects that were proposed and funded solely for graduate students and dissertation support.

DANIELS, DON, Principal Investigator

MITHUN, MARIANNE, Co-Principal Investigator

The History of the Sogeram Language Family of Papua New Guinea

UC Pacific Rim Research Program

SB140022/UCSB 20130922

07/01/13 – 09/30/14

\$9,818

This project investigates the history of the Sogeram language family, which is composed of nine languages spoken in Madang Province, Papua New Guinea. Building on my previous extensive research on these languages, the project has two primary goals, which will be completed in two phases. First, it will produce extensive documentation and grammatical descriptions for the six Sogeram languages that have not previously been documented. Second, it will use those descriptions, combined with existing documentation on the other three Sogeram languages, to reconstruct the grammar of Proto-Sogeram, the common ancestor of the Sogeram family, which was probably spoken some 2,500 years ago.

FERREIRA, IANSA, Principal Investigator

CHARNESS, GARY, Co-Principal Investigator

What to Expect when they are Expecting: The Role of Expectations on Labor Market

Reciprocity

Russell Sage Foundation

98-14-10/UCSB20140954

05/01/14 – 02/28/15

\$4,065

There is a broad body of literature, which discusses workers' responsive behavior to firms' actions (changes on wages) under several different settings (e.g. Brandts and Charness, 2003; Charness, 2004; Dufwenberg and Kirchsteiger, 2004; Cox et al. 2008). However, most discussions regard sudden changes in wage, such that no expectations are formed and the status quo stands for a reference point for reciprocation. Yet another branch of literature talks about how individuals tend to smooth reactions to changes when those are expected. This literature expresses the view that expectations will help to form a reference point which enters individuals' loss-gain utility affecting overall utility and choice behavior (e.g., Köszegi and Rabin, 2006; Ericson and Fuster, 2011; Heffetz and List, 2013). What would then be the role of expectations on labor market reciprocation?

Many authors claim that effects of positive reciprocity are harder to identify than those of negative reciprocity (e.g. Offerman, 2002; Charness and Rabin, 2002; Kube et al., 2006). I claim that people in general expect to be well treated, so that favorable treatment brings a

weaker need for reciprocation. On the other hand, a selfish or unfair move by the sender would be unexpected and thus generate a strong reaction from the responder. This is not to say that when one should have positive (respectively negative) expectations, a positive (negative) action would not generate reciprocity, but that the intensity of one's response could be lessened. Also, in the presence of expectation about a positive (or negative) action, a neutral action could be held, and thus reciprocated, as a negative (positive) one.

The experiment will use groups of 4 students (one firm and three workers), fixed wages, and profits, which depend on the firm's decisions and workers' productivity. It will consist of 3 rounds with 3 stages which will, respectively, 1) set a status quo wage; 2) manipulate probabilities to generate expectations regarding change, and; 3) give (some) firms the option to follow through with the change on worker's wages. At each round, workers will perform a simple task (adding strings of 2 digit numbers), and firms will make a wage choice, which may be realized in the last of the three stages. Experimental sessions will have three rounds played by the same subject pool, with group-re-matching and re-assignment of roles. Final earnings for participants will be based on working stages (stage 1 and 3) of all three rounds.

GURVEN, MICHAEL D., Principal Investigator

PISOR, ANNE C., Co-Principal Investigator

Doctoral Dissertation Research: Expanded Group Affiliation, Trust and Prosociality in Lowland Bolivia

National Science Foundation

BCS-1357209/UCSB 20140149

06/01/14 - 11/30/16

\$15,249

Trust and prosociality are critical to cross-population collaboration, particularly for heterogeneous groups. Trust is the belief that others will not take advantage of you, and prosociality refers to behavior favoring others at personal cost. Though researchers have found that socioeconomic change (termed differently across social science disciplines) is often associated with more trust and prosociality toward strangers, most studies of prosocial behavior and trust rely on data from large-scale, market societies like the US. Little is known about how trusting and prosocial behavior shift as populations undergo socioeconomic change. The proposed project investigates how changes in trust and prosociality may be related to the expansion of a person's group affiliations, increasing the number of individuals in her in-group(s). An individual will expand her group affiliation strategically when the pay-offs of a larger network exceed the gains she can achieve in her current in-group. A person's expectations of strangers may shift as former "others" become in-group, increasing the number of individuals she trusts and her prosociality toward strangers.

The proposed research asks: (1) Are people with expanded group affiliations (EGA) more trusting of, and prosocial toward, strangers than those with fewer people in their in-groups? (2) What contextual and individual characteristics make EGA more likely? (3) Does EGA mediate the effects of socioeconomic change on prosociality and trust? These questions will be investigated in three populations of horticulturalists from the Bolivian lowlands: the Tsimane', the Mosen, and the multicultural district of Tukupi. The project

adopts a mixed-methods approach, including a semi-structured interview and economic experiment, to better elucidate relationships between these variables established by existing research.

LA MON, SHELLEY, Principal Investigator

PALERM, JUAN-VICENTE, Co-Principal Investigator

From the Far South to the North: The New International Migration of Indigenous Mexicans to the United States

UC Mexus

SB150096/UCSB 20150307

01/01/15 – 12/31/16

\$12,000

This dissertation research project will employ ethnographic methodology to study the recent international migration of indigenous Tsotsil Maya migrants from Chiapas, Mexico to the United States. The arrival of a new wave of indigenous Mexican migrants offers a pivotal opportunity to study the changing sociocultural landscape of U.S.- Mexican migration as well as the role of indigenous ethnic identity in the formation of pan-ethnic alliances and transnational communities. An overarching research objective is to test existing theories on the relationship between indigenous Mexican migration and ethnogenesis (ethnic renewal and identity transformation) by examining the migration experiences of two different indigenous communities residing in the United States: Mixtecos in Oxnard, California and Tsotsil-Maya in Tampa, Florida. Data gathered on 1) levels of inter- and intra-communal cohesion or conflict in migrant-sending and -receiving communities, 2) the density and composition of transnational networks and 3) interactions between and among native U.S. residents, Mexican mestizo immigrants, and new indigenous migrants within receiving communities will allow for deeper understandings of the ways new immigrant groups employ cultural resources and ethnic identity to navigate the challenges of adaptation in the United States.

MAAS, GRAYSON, Principal Investigator

STONICH, SUSAN, Co-Principal Investigator

Bridging the Identity Gap: Affordances and Constraints to becoming a "Science Person"

UC Mexus

SB140093/UCSB 20140268

01/01/14 – 12/31/15

\$4,867

In the United States there exist long-standing inequalities in the science workforce, and in higher education, for underrepresented minority groups and especially for Latinas/os. Mainstream education policy frames the issue as an "achievement gap" problem, yet framing equity concerns as such implies improvements in content knowledge to be the solution. Are we to assume that if all students performed equally well on standardized exams, underrepresentation would cease to exist? To better understand underrepresentation, we must understand how culture shapes students' school science identities. Perceptions of "science people" are influenced by powerful cultural-historical models of who these people are and who they are supposed to be. School science is shaped by sociopolitical legacies that reproduce these cultural models, which students draw on in ways that may encourage or constrain the understanding of themselves as competent and/or successful "science people". This research will answer the following questions: In

what ways, and under what conditions, do underrepresented Latina/o youth develop and maintain successful school science identities? What are the barriers to these processes of development and maintenance, and what are the implications for future engagement with science?

MITHUN, MARIANNE, Principal Investigator

DANIELS, DON, Co-Principal Investigator

Doctoral Dissertation Research: The History of the Sogeram Language Family

National Science Foundation

BCS-1264157/UCSB 20130250

06/15/13 – 11/30/15

\$14,363

This project will document the Sogeram languages of Madang Province, Papua New Guinea and reconstruct the morphosyntax of Proto-Sogeram. The nine Sogeram languages (Gants [gao], Mand [ate], Nend [anh], Manat [pmr], Apali [ena], Mum [kqa], Sirva [sbq], Aisi [mmq], and Kulsab [faj]) have, to date, been poorly documented. Aside from wordlists published by Z'graggen (1980a), published materials are available for only two Sogeram languages: Nend (Harris 1990) and Apali (Wade 1993, 1997), while unpublished materials are available for Mum.

This project will document and describe the remaining six Sogeram languages, which are completely undocumented morphosyntactically. The co-PI has already conducted ten months of research on this language family over three trips, culminating in a seven-month field trip in 2011 and 2012 during which he collected basic descriptive material on all six languages. The proposed project will fund a three-month follow-up trip to Papua New Guinea during which the co-PI will conduct targeted elicitation to fill descriptive gaps in the previously collected data. He will also expand the corpora that have already been collected to include conversational data (a discourse genre which is under-represented in the corpora at present).

MITHUN, MARIANNE, Principal Investigator

WDZENCZNY, DIBELLA, Co-Principal Investigator

Doctoral Dissertation Research: The History of the Koryak Language and Its Dialects

National Science Foundation

1451796 / UCSB 20150020

06/01/15 – 05/31/17

\$20,034

This project investigates the history of the Koryak language [kpy] via linguistic documentation and analysis of its varied dialects, which form a broad, divergent continuum across the Kamchatka peninsula in the Russian Federation. The project will constitute a part of the co-PI's ongoing dissertation research on the Koryak language(s), and will contribute towards the completion of the dissertation "Proto-Koryak Morphosyntax". The ultimate research goal of this project is a reconstruction of Proto-Koryak phonology, morphology, and syntax and a better understanding of the diachronic developments leading to each of the divergent Koryak dialects, as well as the internal divisions within the Chukotko-Kamchatkan family at large. The value of a comparison of a large number of dialects lies in the potential it offers to demonstrate incremental change and highlight stages of grammatical change. However, given the nearly non-existent state of

documentation and description for the Koryak dialects other than Palana Chawchu and Chavchuyen, the project will also necessarily involve a great deal of documentation, primary description and grammatical analysis.

SCHREIBER, KATHARINA, Principal Investigator

KERCHUSKY, SARAH, Co-Principal Investigator

Doctoral Dissertation Improvement Grant: Local Socioeconomic and Political Development in a Context of Imperial Expansion, Nasca-Wari Interactions at the site of Zorropa, Peru
National Science Foundation

BCS-1441840/UCSB 20141116

08/01/14 – 07/31/16

\$25,006

Empires use strategies that are tailored to local socio-political and economic circumstances to expand their territory and consolidate new peoples and regions. Investigating the local circumstances (i.e., the historically contextualized local cultural practices, sociopolitical organization, and economic practices and organization) is therefore integral to a study of imperial interaction. The proposed project will investigate the impact of imperial encroachment on local cultural, political, and economic practices during the Middle Horizon (AD 750–1000) at a local habitation site Zorropata, located in the Las Trancas Valley in Nasca, Peru.

A 10-month program of archaeological survey, excavation, and analysis is proposed to investigate Nasca-Wari interactions during the Middle Horizon from a local perspective. Nasca culture developed in the arid Nasca and Ica Valleys during the Early Intermediate Period (EIP) (AD 1–750). In the Southern Nasca Region (SNR), the Wari Empire established three colonies, Pacheco, Pataraya, and Inkawasi in the northernmost valley, Nasca, and its two tributaries, Aja and Tierras Blancas, at the beginning of the Middle Horizon. Concomitant shifts in settlement patterns resulted in the majority of the local population relocating away from the Wari in the southernmost valley, Las Trancas. Settlement patterns from Las Trancas indicate increased stratification with the development of a hierarchical arrangement of sites. Zorropata is one of the largest Middle Horizon habitation sites (c. 30,000 m) in the Las Trancas Valley. Identified as a domestic site with a ceremonial function and a possible second-tier center this site is well suited for an investigation of imperial interaction from a local perspective. It has the potential to provide data on domestic life and economic activities and as a second-tier center, if Las Trancas communities interacted with the Wari this site may be a point at which that interaction occurred.

PUBLIC SERVICE AND OTHER ACTIVITIES

July 1, 2014– June 30, 2015

GLENN BELTZ

MARIO CASTELLANOS

- UCSB MESA Center hosted its 16th Annual Science and Technology MESA Day (March 7, 2014) in collaboration with the Office of Education Partnerships; College of Engineering; California NanoSystems Institute; the Division of Mathematics, Life, and Physical Sciences; Office of Admissions; Early Academic Outreach Program; and STEM departments at UCSB. Over 500 MESA UCSB students participated and explored 22 STEM workshops and MESA Day competitions. S&T MESA Day is a major campus academic preparation and STEM education event, both for the target pre-college student population, and for over 150 UCSB students (MEP, Los Ingenieros, NSBE, SACNAS, and other student groups) who help plan, raise funds, and implement the event. Faculty, administrators, alumni, community, industry, and collaborative community college partners (Ventura and Santa Barbara MCCPs, plus Oxnard College STEM Center) are involved, and help advance MESA-MSP as a vital college-promoting STEM program for students and families. This year, UCSB MEP and Los Ingenieros (SHPE/MAES) and NSBE students, solicited over \$19,000 to help cover transportation, food, campus expenses, and supplies for UCSB MESA Days.
- UCSB MESA also hosted the MESA Regional Finals Competition this year, on April 18, 2015. 139 UCSB MESA students participated as MESA finalists (with a total of 475 finalists from the Central Region, plus staff). This event is a follow-up to the Science and Technology MESA Day competition preliminaries. The winning teams from each MESA Center in our Central Region (including UC Santa Cruz, UCSB and CSU Fresno) come together annually at Regionals to compete, and determine junior and senior high Regional finalists to compete in the MESA State Finals for a chance to represent California at the National Competition, Prosthetic Arm.
- MESA is a partner in the Hueneme High School Career Academy and Engineering Academy, and is represented on the Engineering Academy Advisory Board. This represents the first integration of a MESA class (a period focused on STEM education) into a high school academy. This can become a model for what should become widespread in the schools. The Pre-Engineering Academy students (rising 11th graders) visited UCSB for tours and met with a panel of MESA Engineering Program students.
- MESA collaborated with Santa Paula High School to coordinate and administer an annual Summer Math Academy, serving 50 rising 9th graders who are considered educationally disadvantaged or have low college-going rates. The students were engaged in college readiness training, academic skills, rigorous math instruction, and STEM activities directly related to mathematics, and 2015 was the first year

when Java programming was introduced to the Academy students. MESA staff conducted STEM activities and hosted campus visits, and helped coordinate the Java programming session. While at UCSB, the pre-college students received a campus tour, presentations in STEM labs, and met with MESA Engineering Program students (including alumni from Santa Paula High School).

- MESA collaborated with our Oxnard MESA schools in order to provide field trips to UCLA, USC and the California Science Center for many of our MESA students.
- MESA collaborated with our Oxnard MESA schools in order to provide field trips to UCSB, UCLA, USC and the California Science Center for many of our MESA students.
- MESA collaborated with the UCSB Center of Science and Engineering Partnerships to host 45 students from both McKenzie JH (Guadalupe) and El Camino JH (Santa Maria) for a day of hands-on STEM activities and a tour of the UCSB Campus.

EILEEN BORIS

Convened of meeting to discuss findings and for workers and their advocates to offer enforcement strategies and share models

MARY BUCHOLTZ

SKILLS Program, January-June 2015, Dos Pueblos High School and San Marcos High School (served nearly 100 first-generation college-bound high school seniors).

Mary Bucholtz gave a faculty lecture titled "Oh My God!: Why California Teenagers Are the Future of English (and Why That's Like Totally Hella Awesome)" at the Spring Insight Open House, UCSB, Saturday, April 11, 2015.

MARIA CHARLES

The National Science Foundation Press office interviewed me on the occasions of Women's History Month and Math Awareness Month. In March 2015 my research was featured in an NSF press release, "Do Girls Like Math? The Answer Matters." http://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=134664&org=NSF

ANABEL FORD

Outreach and public lectures are a regular component of my work. Student tours of the lab, public lectures to the public, and meetings with interested community members. I regularly participate in community activities in my research area of Central America with lectures and community service related to El Pilar. In addition, I participate in local symposia in Belize and Guatemala. I was able to spend a day with 7th grade students of El Camino Junior High School in Santa Maria linking their ethnic background to the amazing prehistory of Mesoamerica.

DIANE FUJINO

The project supported the work of community organizations, locally and throughout California, to assess and discuss on their work and personal and organizational challenges. For the organizations, the symposium facilitated their own critical self-reflections, sharing of strategies and resources, and prompted ongoing scholarly-community interactions between the Center for Black Studies Research and particular community-based organizations, with developing plans to apply for a joint grant with one organization and to develop a dialogue session around issues of housing and education with another organization.

LYNN GAMBLE

Historic Preservation Fund Grant: Three Chumash Indians, two from the Santa Ynez Band of Chumash Indians, accessed the information for their tribes and for research.

National Park Service Grant: UCSB assessed five known archaeological sites for natural or human impacts (e.g., erosion, looting), and identified and recorded 26 new sites. Updated information on the location and condition of archaeological sites allows Channel Islands National Park to better protect cultural resources.

Wenner Gren Grant: A professional film crew filmed the excavations and also interviewed me about my work at the site. They are making a documentary on the California Channel Islands. The film will be delivered free to Public Television Stations throughout California and the nation via KRCB – TV, a PBS member station in the Bay Area. The film will also be entered in festivals, and will have theatrical premieres in Santa Barbara, Los Angeles, San Diego, and other California coastal cities. It will be available worldwide via video streaming and DVDs, and will be given to museums, historical societies, and related organizations for showings and educational / exhibit purposes.

Public Outreach through the National Geographic Society is ongoing.

**MARY JACOB
JILL DUNLAP**

Several trainings that were brought to campus using grant funds were opened up to community agencies.

BRANDON KUCZENSKI

The KBCALR project was completed under supervision of CalRecycle, a California state agency, and in cooperation with a stakeholder group drawn from the used oil management community.

**SHELLEY LA MON
JUAN-VICENTE PALERM**

I volunteer for the MICOP monthly food distribution and will work as a volunteer docent for their upcoming fundraiser event, A Night in Oaxaca.

DEBRA LIEBERMAN

Keynote speaker at Growing Up Digital, a symposium held by the American Academy of Pediatrics. As a follow-up, I continue to serve as an advisor to the AAP as they update their advocacy and advice for parents about guiding and limiting children's use of digital and electronic media.

Advisor to NCEAS (National Center for Ecological Analysis and Synthesis, at UCSB) and their working group called SNAP (Science for Nature and People) on the development of climate change video games. I gave a presentation and participated in a three-day meeting of climate scientists, media producers, and researchers to develop ideas for the creation of climate games to influence public opinion and motivate action.

Advisor to LumiKids, a subsidiary of Lumosity.com that produces games for young children to improve their cognitive, learning, socio-emotional, and motor skills

Advisor to U.S. Fund for UNICEF in the evaluation of Kid Power Month in public schools in three cities and the development of Kid Power Family. In this very popular and successful program, children wear pedometer/accelerometer wrist bands and their steps earn packets of nutritious food for malnourished children around the world.

Advisor to Sproutel, a company that develops interactive plush toys and digital media for young children to help them manage chronic conditions such as diabetes, asthma, and allergies.

Advisor to the national organization Games for Change on a project funded by the Packard Foundation and the Gates Foundation to categorize key impacts of well designed video games and methods for assessing impact.

Advisory Board Member, Aspen Institute, Initiative on Sports and Technology, to identify ways to use media and game technologies to improve young people's involvement in physical activity and team sports.

Advisor to the NSF-funded video game development project called Hard Fun Learning Mathematics: An Action Game to Stimulate Number Sense, directed by Professor Daphne Bavelier of the University of Rochester in collaboration with the Joan Ganz Cooney Center at Sesame Workshop and E-Line Media.

Advisor to the American Academy of Pediatrics' Committee on Children and Media to develop programs and policies related to children's use of digital games.

Member of the Academic Consortium on Games for Impact that advises the White House Office of Science and Technology Policy on the use of digital media and games for learning, health, science, and civic engagement.

Advisor to Pro-Change, a company led by Professor James Prochaska of the University of Rhode Island, to develop health interventions based on Prochaska's Stages of Change (Transtheoretical) behavior change model. I am advising them on the design of digital games for health behavior change that will integrate the Stages of Change Model.

Associate Editor for the journal, Games for Health Journal: Research, Development, and Clinical Applications.

Editorial Board member for the journal, Games & Culture: A Journal of Interactive Media.

Editorial board member for the journal, Computers in Entertainment.

Advisor to WNET, New York, on the development of the Yummiloo television series and interactive games for preschoolers and their caregivers, to promote healthy eating.

Advisor to the AARP on the use of media and digital games to improve retired adults' health, healthy lifestyle, financial planning, personal resilience, and ability to prevent and respond effectively to life crises.

Advisor to Sitio Saludable, a Spanish-language media company that will develop a telenovela (soap opera) and digital media and games for Latinos, designed to improve health literacy and health behaviors.

ANNE PISOR

MICHAEL GURVEN

In all three of my study populations, community members requested that I establish an intercultural exchange: as I learned about attitudes towards out-groups and ways of life, I taught K-12 schoolchildren and adults basic English conversation and about US culture. I also provide gifts to all of the communities in which I work, gifts chosen democratically in community meetings. In three communities, I contributed to the cost of food for community festivals. In one community, I purchased Spanish-English books for the local school.

STUART TYSON SMITH

The PI gave a lecture and town forum in Tombos Village. The PI also gave a lecture to the Sudan Archaeology Society in Khartoum. After discussion with key stakeholders in the village, we are currently preparing a pamphlet to be distributed in the village, as well as copies of publications to be presented to the local village society.

As an additional broader impact, one of the graduate students is indigenous Sudanese (Ali) and two American students (Farrulla and Monroe) are from underrepresented groups, the first in their families to pursue college degrees (Hispanic and African American, respectively).

In terms of cultural heritage management and protection, the project is collaborating with the Sudan National Corporation for Antiquities and Museums to employ a guard to keep watch at Tombos, and a new individual was identified to watch the site at Abu Fatima during the off season. The low wall constructed at Tombos to protect the northern end of the site in 2013 (as part of a previous ISBER managed NSF grant) has proven effective in protecting the site from encroachment due to local development.

JON SONSTELIE

I presented "Parcel Taxes as a Local Revenue Source in California" in a Sacramento forum organized by the Public Policy Institute of California.

BARBARA ENDEMANO WALKER

Early- to mid-career faculty members and postdoctoral scholars from nine of the 10 University of California campuses spent three days at UC Santa Barbara attending the first UC Team Science Retreat, July 25-28, 2014. The retreat featured training to develop the capacity for team science as well as the leadership and management skills necessary to be an effective team leader and member. Presenters discussed the challenges and benefits of diverse scientific teams and offered strategies for recruiting team diversity and increasing women's participation and leadership roles in team science. In addition, participants learned about team management best practices and diversity and inclusion issues related to research productivity and recognition.

CASEY WALSH

I have spoken about groundwater issues before the Board of Supervisors of SB and SLO counties. I participate in the Water Committee of the Cuyama Valley Community Association. I spoke on a special roundtable presentation before 150 people in New Cuyama discussing the upcoming SGMA process.

HOWARD WINANT

UCCNRS conducted its annual conference at UCSD in May 2015. At this conference we hosted not only our own grantees, but also students and faculty from the UC system and beyond. Journalists, community activists, and others attended. As Director, Howard Winant has taken part in numerous meetings, academic, policy-oriented, and media-based. He is regularly interviewed by news organizations of various type (print, TV, etc.) regarding racial issues, both in the US and abroad.



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Center Reports 2014-2015

www.isber.ucsb.edu

CENTER REPORTS
July 1, 2014-June 30, 2015

BROOM CENTER FOR DEMOGRAPHY

Director: Peter Kuhn

Co-Director: Shelly Lundberg

Mission Statement/Goals:

The Leonard and Gretchan Broom Center for Demography facilitates and engages in research and training in the areas of social demography, population studies, and social and economic inequality. Key issues explored by the Center include social cleavages such as gender, sexuality, race/ethnicity, and immigration status; population-environment interactions; the determinants of population health; social movements, migration, and the allocation of resources within and among families, workplaces, schools, and other social institutions.

Highlights/Achievements:

Gary Charness, was awarded the 2015 Exeter Prize for Research in Experimental Economics, Decision Theory and Behavioral Economics, for his paper “Experimental Games on Networks: Underpinnings of Behavior and Equilibrium Selection” with co-authors Francesco Feri, Miguel Melendez, and Mathias Sutter. Published in *Econometrica*, the paper brings to bear a powerful combination of theory and experimental design to solve key behavioral puzzles in networks.

In recent research featured by the National Science Foundation, Maria Charles, the director of the Broom Center’s Sex and Gender theme, finds that the gender gap in attitudes toward mathematics and mathematically-related jobs is significantly larger in advanced industrial societies. According to Charles, this surprising gap may result, in part, from different cultural beliefs about gender and about the nature and purpose of educational and occupational pursuits.

A recent *Atlantic Monthly* article features research by Broom Associates Maya Rossin-Slater and Jenna Stearns, showing that policies that make it easier for pregnant women to take time off work or scale back their duties improve their babies’ health. Rossin-Slater’s analysis of the 1993 Family and Medical Leave Act, which allows women up to 12 weeks of unpaid maternity leave without fear of losing their jobs, shows that the Act reduced the preterm birthrate and raised birth weights. Jenna Stearns, a Broom Graduate Associate, found similar results for the 1978 Pregnancy Discrimination Act, which led five states to start offering temporary-disability pay to pregnant women.

In January 2015, Broom Director Peter Kuhn conducted a presentation and question and answer session on “Internet Job Search: What is it, who does it, and what are its impacts” with France’s National Employment Policy Council (COE--Conseil d’orientation pour l’emploi). The COE is an independent advisory body on all employment issues

attached to the French Prime minister, comprising labor policy experts and stakeholders from the National Assembly and Senate, local authority representatives, heads of the relevant government departments and public bodies, and heads of the Public employment service.

According to a recent study by Broom Research Associate Sarah Thébaud, a majority of young men and women in the U.S. now prefer to share both work and domestic duties equally with their spouses. The article appears in the February 2014 issue of the *American Sociological Review* and was recently featured on NPR.

According to *USA Today*, College Factual, a data-driven resource for students considering university admissions, has ranked UCSB's sociology department number one in the nation. College Factual cites the program at UCSB as one of the largest in the country, noting coursework offerings in gender studies, sexuality, race, globalization and other social movements that help students understand human social interaction. Congratulations to UCSB's entire sociology department, and to Professor Maria Charles, sociology department chair and director of the Broom Center's Sex and Gender research theme!

Broom Associate (and director of the Population-Environment Theme) David López-Carr has been named a fellow of the American Association for the Advancement of Science (AAAS). One of 20 elected for distinguished contributions to the field of geography, he was recognized specifically for advancing the scientific understanding of the coupled process of human population dynamics and environmental change.

Gretchan Broom visited the Center on November 13, 2014 to meet with Center leadership, staff, and Graduate Associates. We were delighted for the opportunity to share some of the Center's achievements and vision with Mrs. Broom, and to thank her for the generous financial support she and Leonard have given us.

Center Events

October 6, 2014

"Effects of Parasitism on Fecundity and Life History in Human Females"
Aaron Blackwell, Anthropology Department, UCSB

October 20, 2014

"On the Balance of Caregiving in the Context of HIV: Burden, Benefit or Neither?"
Gillian Ice, Ohio University

November 3, 2014

"Acquiring Human Capital through the Generations by Migration"
James P. Smith, The Rand Corporation

November 10, 2014

"Probabilistic Population Projections for All Countries"
Adrian Raftery, University of Washington

November 17, 2014

"Migration-Environment Connections: Evidence from South Africa and Mexico"
Lori Hunter, University of Colorado, Boulder

December 8, 2014

"Effectively Targeting Health Subsidies in Sub-Saharan Africa: Evidence on Take-up and Delivery"
Pascaline Dupas, Stanford University

January 12, 2015

"Alternative Measures of Race and Educational Inequality in Eight Latin American Countries"
Edward Telles, Princeton University

January 21, 2015

"Is Polygyny a 'Harmful Cultural Practice' Marriage, Ethnicity, and Child Health in Northern Tanzania"
David Lawson, London School of Hygiene and Tropical Medicine

January 26, 2015

"Pricing the Biological Clock: Reproductive Capital on the US Marriage Market"
Corinne Low, Wharton School, University of Pennsylvania

February 9, 2015

"Marriage, Family Systems, and Economic Opportunity in the United States since 1850"
Steven Ruggles, University of Minnesota

February 23, 2015

"The Exceptionally High Longevity in the Region of Nicoya, Costa Rica"
Luis Rosero-Bixby, UC Berkeley

March 9, 2015

"American's Views on the Employment of Mothers and Fathers: Lessons from a National Vignette Survey"
Jerry Jacobs, University of Pennsylvania

March 14, 2014

Broom Demography Center Workshop: "Indigenous Well-being Amid Socioeconomic Transformation"

April 6, 2015

"Family Ruptures, Stress, and the Mental Health of the Next Generation"
Maya Rossin-Slater, Department of Economics, UCSB

April 20, 2015

"Feast, Famine and Feast Again: The Effects of Taxation and Food Storage on an Agrarian Population Under Malthusian Constraints"

Cedric Puleston, UC Davis

May 4, 2015

Broom Center Annual Research Workshop: "Environmental and Economic Impacts on Human Demography"

May 18, 2015

"Two-Generation Programs in the 21st Century"

Lindsay Chase-Lansdale, Northwestern University

June 1, 2015

"On Less Fertile Ground: Chimpanzee Life Histories in Context"

Melissa Emery Thompson, University of New Mexico

2014/2015 Broom Center Visitors

Megan Costa, University of Pennsylvania

PhD Student

Jennifer Flashman, University of Notre Dame

Postdoctoral Research Associate

Ryo Kambayashi, Institute of Economic Research

Associate Professor

Craig Riddell, University of British Columbia

Royal Bank Faculty Research Professor

Raymond Sin-Kwok Wong

Hong Kong University of Science & Technology

Professor

Advisory Committee

Kelly Bedard (Economics)

Maria Charles (Sociology)

Michael Gurven (Anthropology)

David López-Carr (Geography)

Shelly Lundberg (Economics)

Stuart Sweeney (Geography/Institute for Social, Behavioral & Economic Research)

UCSB Research Associates

Richard Appelbaum (Sociology)

Kelly Bedard (Economics)

Aaron Blackwell (Anthropology)

Susan Cassels (Geography)
Maria Charles (Sociology)
Gary Charness (Economics)
Frank Davenport (Geography)
Olivier Deschenes (Economics)
Noah Friedkin (Sociology)
Steven Gaulin (Anthropology)
Michael Gurven (Anthropology)
Peter Kuhn (Economics)
David López-Carr (Geography)
Shelly Lundberg (Economics)
Brendy Major (Psychological & Brain Sciences)
Aashish Mehta (Global & International Studies)
Paulina Oliva (Economics)
Victor Rios (Sociology)
Maya Rossin-Slater (Economics)
Heather Royer (Economics)
John Sutton (Sociology)
Stuart Sweeney (Geography/ISBER)
Verta Taylor (Sociology)
Sarah Thébaud (Sociology)
Waldo Tobler (Geography)
Ben Trumble (Anthropology)
Howard Winant (Sociology)

UCSB Postdocs and Professional Researchers

Catherine Weinberger (Economics)

UCSB Graduate Associates:

Ryan Abman (Economics)
Eric Arce (Sociology)
Carlos Baez (Geography)
Jacqueline Banks (Geography)
Valerie Bostwick (Economics)
Corrie Ellis (Sociology)
Daniel Ervin (Geography)
Stefanie Fischer (Economics)
Eric Fuerstenberg (Anthropology)
Angela Garcia (Anthropology)
Bridget Harr (Sociology)
Deborah Hobden (Sociology)
Corbin Hodges (Geography)
Jason Hopkins (Sociology)
Heather McKee Hurwitz (Sociology)
Vedant Koppera (Economics)
Amber Lopez (Sociology)

Ben Manski (Sociology)
Jessica Marter-Kenyon (Geography)
Melanie Martin (Anthropology)
Katherine Matthews (Sociology)
Karly Miller (Ecology, Evolution & Marine Biology)
Kevin Mwenda (Geography)
Anne Pisor (Anthropology)
Elizabeth Rahilly (Sociology)
Anand J. Shukla (Economics)
Jenna Stearns (Economics)
Maximilian Stiefel (Geography)
Cascade Tuholske (Geography)
Corey White (Economics)
Nicholas Williams (Anthropology)
Adam Wright (Economics)

Non-UCSB Participants

Kathryn Grace (University of Utah)

CENTER FOR CALIFORNIA LANGUAGES AND CULTURES (CCALC)

Director: Mary Bucholtz

Co-Director: Dolores Inés Casillas

Mission Statement/Goals:

The Center for California Languages and Cultures (CCALC) is a central hub for scholars, students, educators, policymakers, and members of the general public seeking to gain a greater understanding of the state’s rich linguistic resources, both past and present. CCALC is committed to advancing knowledge of the many forms of language within the state and their social, cultural, and political meanings and uses. It additionally aims to raise awareness of the crucial importance of language as an invaluable yet often underappreciated resource for California and Californians—and often for non-Californians as well.

More languages are spoken in California than anywhere else in the United States. Immigrant languages from around the world continue to enrich the state’s linguistic heritage, despite considerable pressures from the dominant language, English, and from restrictive language policies in education and other domains. In fact, California has been characterized by linguistic diversity since before European contact, and in the face of daunting odds, a small number of the state’s indigenous languages still survive, all of them severely endangered. California English also encompasses multiple linguistic varieties: the state boasts a wealth of regional and ethnoracial dialects, yet these are relatively poorly understood by researchers and frequently devalued by the public despite their complexity and cultural significance. In addition to languages and dialects, California is also known for the distinctive and often widely emulated speech styles of its many subcultural groups and for ways of using language associated with activities

that are especially characteristic of California. CCALC has a broad mandate to advance research, education, and public understanding regarding all of these kinds of language as crucial elements of California's cultural landscape.

To further these goals, we undertake three kinds of activities: research, education, and outreach. CCALC provides an intellectual home for faculty and graduate students pursuing research on all aspects of California's languages and culture and organizes a biennial conference to disseminate new work in this area. We also foster innovative research initiatives, especially collaborative and interdisciplinary work, in order to help keep scholarship on language within the state moving in promising new directions. In addition, we offer special opportunities for graduate students to learn more about language and culture in California, advance their own research, and develop valuable professional skills in the CCALC seminar, and we encourage the development of graduate and undergraduate courses related to California's linguistic and cultural diversity. Finally, we are committed to sharing knowledge with California residents and the wider public via our outreach activities in local schools and communities as well as online. Through these efforts, we aim to promote and disseminate up-to-date and accurate information about the many kinds of language in the state and to contextualize this information in relation to social, cultural, political, and historical processes in which language plays a prominent role. In so doing, we hope to provide a scholarly perspective on ongoing policy debates as well as to give Californians a deeper appreciation of their own linguistic heritage and the tremendous benefits that all Californians gain by fostering rather than suppressing the state's linguistic diversity.

Highlights/Achievements:

This year's highlights included the extension of the SKILLS program to two new partner sites, Dos Pueblos High School and San Marcos High School, involving nearly 100 high school students in our 20-week research/academic outreach program for college credit.

Center Events:

October 17, 2014

An Interdisciplinary Collaborative Workshop: "The Politics of Race and Language in Learning Contexts"

May 21, 2015

"SKILLS Day"

SKILLS promotes academic success and critical engagement by teaching students how to conduct research and engage in activist work on issues of language, power, and identity in their lives and communities.

UCSB Faculty Participants:

Jin Sook Lee (Education)

Eric Campbell (Linguistics)

Jeff Hoelle (Anthropology)

Non-UCSB Faculty Participants/Collaborators:

Dos Pueblos High School
San Marcos High School
Santa Barbara City College

CENTER FOR DIGITAL GAMES RESEARCH

Director: Debra Lieberman

Associate Director: Erica Biely

Mission Statement/Goals:

The Center for Digital Games Research brings together UC Santa Barbara faculty from diverse fields to collaborate on the research and design of digital media, games, and game technologies. Our faculty affiliates are leaders in the physical and biological sciences, computer and engineering sciences, social and behavioral sciences, and arts and humanities.

We investigate how people process game play experiences and how to design more impactful and effective games. Our work explores how digital media and games affect our lives today and how we can improve these media and innovate with them in the future.

Our work focuses on the research, design, and technology development of media and games in areas such as health behavior change and disease management, self-tracking and tele-health, mental health and resilience, neuroscience and cognitive performance, emotional involvement and motivation, STEM (Science, Technology, Engineering, and Mathematics), formal and informal learning, civic engagement, climate change awareness, entertainment processes and effects, social networks, crowd sourcing, advocacy and persuasion, distance communication, geographic and spatial studies, data mining, virtual environments and simulations, avatar design, mobile games and apps, digital humanities, cultural studies, and digital art, to name a few of our areas of expertise. Our interdisciplinary team approach enables us to draw upon theory and evidence from diverse fields and to use a variety of research methods in the investigation, design, formation, and evaluation of digital media, games, and game technologies.

Highlights/Achievements:

We completed our center's web site, added to the online searchable Health Games Database available on the web site, recruited faculty affiliates, recruited five center advisors who are luminaries in their fields, met with numerous potential funders and collaborators, published two book chapters, completed the manuscript for a report of our nationwide survey of video game use, served on 11 advisory boards and three editorial boards, gave 14 presentations about the work of the center, had eight press interviews that led to news items about the center or that quoted Debra Lieberman about video games, and received a donation to the center from Trip Hawkins.

In March, 2015, Debra Lieberman attended a two-day meeting at UC Irvine that brought together the directors of five games centers from UC campuses and faculty and graduate students working on the research and/or development of video games at eight UC campuses. We presented the work of our centers and discussed ways to collaborate. Many of the centers were focused on the engineering and development of video games and were associated with academic programs that trained students to work in the video games industry. UC Santa Barbara's Center for Digital Games Research was unique in its multidisciplinary approach and its strength in the social and behavioral science of games research and design. Attendees agreed that the meeting was valuable and we plan to meet annually, rotating among the UC campuses and alternating between a campus in Northern or Southern California each year. Several doctors and researchers from UC Irvine's medical school attended the meeting because they were highly interested in collaborating with UCSB in health games research projects. Debra gave an invited talk to their faculty and students about the work of Health Games Research (2007-2013) and the Center for Digital Games Research, and now UCI medical school and UCSB's Center for Digital Games Research are planning to write a research proposal together in fall 2015.

Center Events:

We participated in many press interviews and gave 14 presentations in Santa Barbara and across the country. We led two webinars for health games researchers and developers, one to discuss the future of the health games field and to collaborate on writing a white paper about this topic, and another to train them to work effectively as research consultants for industry clients.

We hosted a talk for our faculty affiliates by Trip Hawkins, who is the founder of video game company Electronic Arts and an advisor to the center.

UCSB Faculty Affiliates:

Andrea Ballatore, Research Coordinator, Center for Spatial Studies
Elizabeth Belding, Professor, Computer Science
Jim Blascovich, Professor, Psychological and Brain Sciences
Keith Clarke, Professor, Geography
Norah Dunbar, Professor, Communication
Michael Gerber, Professor, Gevirtz School, Graduate School of Education
Michael Hanrahan, Lecturer, Carsey-Wolf Center
Mary Hegarty, Professor, Psychological and Brain Sciences
Tobias Hollerer, Professor, Computer Science
Krzysztof Janowicz, Assistant Professor, Geography
Brett Kia-Keating, Lecturer, Gevirtz School, Graduate School of Education
Chandra Krintz, Professor, Computer Science
Werner Kuhn, Professor, Geographic Information Science
George Legrady, Professor, Art Studio and Media Arts and Technology Program
Richard Mayer, Professor, Psychological and Brain Sciences
Miriam Metzger, Professor, Communication
Lisa Parks, Professor, Film and Media Studies

Ronald Rice, Professor, Communication
Jonathan Schooler, Professor, Psychological and Brain Sciences
Matthew Turk, Professor, Computer Science
Rene Weber, Professor, Communication
Ben Zhao, Professor, Computer Science

Non-UCSB Advisors:

Trip Hawkins, Founder of Electronic Arts
Neil Isenberg, MD, Director of the Kids Health web portal at Nemours
Alan Miller, Founder of Activision
Rita Moya, Board Chair at Direct Relief and Advisor at BioIQ
Deborah Mulligan, MD, Medical Director at MDLIVE

Non-UCSB Collaborators:

AARP
Alzheimer's Association
American Academy of Pediatrics, Committee on Children and Media
Aspen Institute
Center for Games and Impact, Arizona State University
Cooney Center at Sesame Workshop
Digifit
Games for Change
Games for Health Journal
Intel
Lumosity.com and LumiKids
MIT Enterprise Forum, Central Coast
National Center for Ecological Analysis and Synthesis, UCSB
Pro-Change
Robert Wood Johnson Foundation
Sitio Saludable
Sproutel
UC Irvine
U.S. Fund for UNICEF
University of Rochester
White House Office of Science and Technology Policy
WNET

CENTER FOR EVOLUTIONARY PSYCHOLOGY (CEP)

Co-Director: Leda Cosmides

Co-Director: John Tooby

Mission Statement/Goals:

The mission of the Center for Evolutionary Psychology is to provide support for research and comprehensive training in the field of evolutionary psychology, and to facilitate multidisciplinary and multi-university collaborations.

Highlights/Achievements:

The John Templeton continued to support research on aspects of human nature that specifically evolved for valuing others, or for responding to how others value us.

Center Co-Directors John Tooby and Leda Cosmides were invited to participate in a conference on the “Adapted Mind-Adapted Body: The Evolution of Human Behavior and Its Neuroendocrine Regulation” in Erice, Italy, June 17-22, 2015.

International collaborations continue to serve as a hallmark of the center. The CEP submitted, in conjunction with the Laboratorio de Evolución y Relaciones Interpersonales (Evolution and Interpersonal Relationships Lab) at the Universidad de Santiago de Chile, a grant application to create an international research network and exchange program. This network seeks to disseminate knowledge about evolutionary psychology by developing joint research programs and facilitating travel and discourse between researchers at both institutions. Additionally, the “Morality: Cognitive and Evolutionary Origins” (described previously) proved to be a huge success in bringing together a diverse collection of established scholars, graduate students, and public officials.

In February 2015, current and former collaborators, Drs. Cosmides, Sznycer, Krasnow, and Delton spoke at the SPSP Evolutionary Psychology Preconference in Long Beach, CA. In March 2015, Drs. Cosmides and Tooby participated in “Reason Weekend 2015” in Santa Barbara, CA, speaking before an audience of interested scholars, public policy analysts, and community members. Dr. Tooby also spoke at the UCLA Behavior, Evolution and Culture colloquium series. In April 2015, Dr. Cosmides participated in a Liberty Fund conference in New Orleans, LA along with other notable interdisciplinary scholars (e.g., noble prize winning economist Vernon Smith, economist and historian Deirdre McCloskey). Graduate student Sangin Kim presented on how cooperative groups rely on mutual valuation at the California Workshop on Evolutionary Social Science. In May 2015, current and former collaborators attended the Human Behavior and Evolution Society (HBES) Conference in Columbia, MO. Six talks featured work funded by our JTF grant (Speakers: Tooby, Kim, Robertson, Sznycer, Delton, Krasnow). In July 2015, Drs. Cosmides and Tooby, along with international collaborators in Santiago, Chile, have organized a conference on “Morality: Cognitive and Evolutionary Origins” held in Santiago, Chile.

Center Events:

(1) Members of the CEP participated in the annual California Workshop for Evolutionary Social Science (formerly the 3+ UC Evolutionary Behavioral Sciences Conference), held at Cal Poly, San Luis Obispo, from April 24 -26, 2015. CEP graduate student Michael Barlev served as a co-organizer, while fellow graduate student Sangin Kim presented on, “Adjustment of Sanctioning Effort among Punishers in Public Goods Games.”

(2) There is a weekly CEP research seminar that provides professional training in the various fields that contribute to evolutionary psychology. It is organized and conducted by the directors. Its attendees include members from the following groups:

- CEP faculty participants
- CEP post-doctoral researchers: Daniel Sznycer, Julian Lim, and Joel Thurston
- CEP graduate students (most directly affiliated): Sangin Kim, Jason Wilkes, and Michael Barlev
- CEP visitors: Florencia Lopez Seal, a graduate student from Argentina
- Other graduate and postdoctoral students (most of whom work with faculty affiliated with the CEP) from psychology and anthropology: Randy Corpuz, Aldo Cimino, Ann Pisor, Melanie Martin, Erin Horowitz, Adar Eisenbruch, Rachel Grillot, Chloe Steindam, and Molly Metz
- Research assistants (the graduate students and postdocs are assisted by about 6 per quarter) and other interested undergraduate students

UCSB Faculty Participants:

Leda Cosmides, (PI) Psychological & Brain Sciences
 John Tooby, (co-PI) Anthropology
 Aaron Blackwell, Anthropology
 Gary Charness, Economics
 Miguel Eckstein, Psychological & Brain Sciences
 Steve Gaulin, Anthropology
 Mike Gazzaniga, Psychological & Brain Sciences
 Tamsin German, Psychological & Brain Sciences
 Michael Gurven, Anthropology
 Stan Klein, Psychological & Brain Sciences
 Ryan Oprea, Economics
 Jim Roney, Psychological & Brain Sciences
 Ann Taves, Religious Studies

Non-UCSB Faculty Participants/Collaborators:

Renee Baillargeon (University of Illinois)
 Clark Barrett (UCLA)
 David Buss (University of Texas)
 Alfonso Caramazza (Harvard University)
 Elsa Ermer (University of Maryland)
 Max Krasnow (Harvard University)
 Robert Kurzban (University of Pennsylvania)
 Debra Lieberman (University of Miami)
 Aaron Lukaszewski (Oklahoma State University)
 Rose McDermott (Brown University)
 Steve Neuberg (Arizona State University)
 Joshua New (Barnard College)
 Michael Bang Petersen (Aarhus University)
 Laurie Santos (Yale University)
 Aaron Sell (Griffith University)
 Danielle Truxaw (Harvard University)
 Toshio Yamagishi (Tokyo University)

CENTER FOR INFORMATION TECHNOLOGY AND SOCIETY (CITS)

Director: Lisa Parks

Associate Director: Elizabeth Belding

Mission Statement/Goals

CITS is dedicated to research and education about the cultural transitions and social innovations associated with technology, particularly in the highly dynamic environments that are so pervasive in society today. CITS also works to improve engineering through infusing social insights into the innovation process.

Faculty associated with the Center bring their diverse disciplinary perspectives—which range from Art and English to Sociology and Communication to Computer Science and Electrical Engineering—into conversation, forwarding cutting-edge research across the engineering sciences, the social sciences, and the humanities.

CITS's research initiatives are equally diverse, ranging from groundbreaking research on social computing, to the role and effectiveness of technology in the classroom, to how technologies help to organize communities of users. We study these and other relationships from the U.S. to Mongolia, and places in between.

In addition to research, CITS also supports the Technology and Society Ph.D. emphasis, which is available to students in participating doctoral programs at UCSB from the College of Engineering, the Social Sciences, and the Humanities. The optional Ph.D. emphasis in Technology and Society (T&S) provides multi-disciplinary training for graduate students interested in studying the societal implications of information technology. T&S students receive a systematic introduction to the research paradigms and literatures relevant to technology and society from outside their home department. The emphasis was initiated with the belief that the tools necessary for understanding problems of technology and society are spread across disciplines, and that having the ability to draw from scholars' work in different disciplines to arrive at an examination of the same phenomenon from different directions is vital to cutting-edge scholarship in this area. A structured introduction to thinking and research from other perspectives can help students frame their research questions in novel, creative ways and can give them broader tools for answering them. The emphasis also provides an official certification of multi-disciplinary training, which is an advantage on the academic job market. Currently, 14 departments participate in the T&S Emphasis: Anthropology, Art, Bren School of Environmental Science and Management, Communication, Computer Science, English, Film and Media Studies, Geography, Gevirtz Graduate School of Education, History, Media Arts & Technology, Political Science, Sociology, and the Technology Management Program.

CITS also hosts a number of public events, designed to bring our on-campus and off-campus audiences into conversation, including a monthly Faculty Lecture Series on campus, the CITS Distinguished Speaker Series, and other events designed to facilitate collaboration among faculty, students, and community members interested in the central role that information technologies play in society today.

Highlights/Achievements

CITS celebrated its 15th anniversary this year at a special event and reception, and faculty research affiliates, graduate students and administrators from across campus attended. Three members of our external advisory board were present (Bertelsen, Brown, and Toole), and one, John Seely Brown, delivered the keynote. Lectures by Mark Andrejevic, Alan Liu and Ben Zhao generated large turnouts as people from across campus were quite interested in their research topics.

CITS has partnered with the Oxford Internet Institute (OII) to host the institute's summer doctoral program at UC Santa Barbara in July 2016. This two-week event will bring 30 international doctoral students and 7-10 professors from Oxford University, who are top experts in the area of ICT and society, to our campus. We hope our hosting of this event will benefit members of the CITS community and help to elevate the prestige and profile of CITS.

Parks & Bimber secured a \$500,000 gift from CITS Advisory Board member, Mark Bertelsen, to support the Bertelsen Presidential Chair in Technology & Society, an endowed chair position that will eventually serve as CITS Director (see more details in next section).

CITS-affiliated faculty and graduate students conducted interdisciplinary fieldwork on Internet freedom-related issues in Zambia, Turkey and Mongolia, supported by a three-year grant from the US State Department. This research group (from Computer Science-Belding, Communication-Metzger and Film and Media Studies-Parks) presented preliminary findings at a US State Department meeting held at Stanford University in February 2015 and at the International Communication Association Conference in Puerto Rico in May 2015.

CITS is piloting a paid visiting scholar program, which will begin during the fall quarter of 2015. Elizabeth Belding has invited Professor Carleen Maitland (Penn State) to come to UCSB for two weeks in October 2015 to build their research collaboration in the areas of mobile connectivity for refugee communities and Indian reservations.

Former CITS graduate student staff, Galen Stocking (Political Science), was hired as a Research Associate by the Pew Institute.

Development and Fundraising

Much time was spent this year trying to create a development strategy to support CITS's long-term operational infrastructure. Parks & founding CITS Director, Bruce Bimber, met with new CITS development officer Marcie Marsh several times to discuss CITS fundraising strategies and development issues. In addition, Parks & Bimber met with Mark Bertelsen in September 2014 and March 2015, and secured a \$500,000 gift to support the Bertelsen Presidential Chair in Technology & Society, an endowed chair position that will eventually serve as CITS Director. This position has been approved by Dean Oliver and is currently in the midst of campus & UCOP approvals. In conjunction with this major gift, we formed a CITS development task force, which includes: Bimber,

Parks, incoming director Cynthia Stohl, and Alan Liu. This task force met several times with development office staff and is in the process of developing a fundraising strategy and publicity materials to support a \$6 million CITS fundraising campaign.

Center Events

In the past year CITS continued its Faculty Lecture Series (FLS), programmed several special events, and administered the gateway seminar for the Ph.D. Emphasis in Technology and Society.

Faculty Lecture Series (FLS)

The FLS provides an opportunity for faculty and graduate students to learn of ongoing and future research taking place at UCSB as well as by colleagues around the world. We coordinate our lectures so that they are co-sponsored by other departments and units on campus. This year's co-sponsors include: Computer Science, Communication, History, English, Film and Media Studies, Political Science, Carsey Wolf Center, IHC, and the Machines, People and Politics RFG.

October 9, 2014

T&S PhD Emphasis Networking Event
All things related to technology & society
CITS Conference Room

October 20, 2014

"Chaotic Pluralism: How Social Media Shape Collective Action"
Helen Margetts, Oxford Internet Institute (*FLS*)

October 23, 2014

CITS 15th Anniversary Event
"Past, Present and Future: Reflections on the Information Society"
Keynote lecture by: John Seely Brown, Visiting Scholar at USC and Co-Chairman of the Deloitte Center for the Edge

October 30, 2014

"New Topographies of Wind and Power in Kansas"
Lisa Cartwright, UC San Diego and Steven Rubin, Pennsylvania State University (*FLS*)

November 3, 2014

"Social Media and Political Engagement: Old and New Puzzles"
Cristian Vaccari, University of Bologna & Royal Holloway, University of London (*FLS*)

November 13-15, 2014

"Democratizing Technologies" Conference
Convened by CNS. CITS co-sponsored.

November 17, 2014

“Bringing Communication into Participation: Communicative Factors Influencing Citizen Political Engagement”

Magdalena Wojcieszak, University of Amsterdam *(FLS)*

November 18, 2014

“I Like the News: Informational Uses of Social Media and Processes of Attitude Formation and Expression”

Stephan Winter, University of Duisburg-Essen, Germany *(FLS)*

January 15, 2015

“Social Technologies and Social Cognition: Vicarious Learning through Ambient Awareness”

Paul Leonardi, Technology Management Program, UCSB *(FLS)*

January 21, 2015

“The Materiality of the Virtual: A Global Environmental History of Computing from Babbage to Bitcoin”

Nathan Ensmenger, Indiana University *(FLS)*

February 6, 2015

“Networked Protests in the 21st Century: Strengths, Weaknesses and Protester Desires”

Zeynep Tufekci, University of North Carolina at Chapel Hill *(FLS)*

February 6, 2015

“Drone Logic: Distributed, Ubiquitous Monitoring and the ‘Big Data’ Deluge”

Mark Andrejevic, Pomona College *(FLS)*

February 19, 2015

“Climate Data Detectives: On the History and Politics of Knowledge about Global Climate Change”

Paul Edwards, University of Michigan *(FLS)*

April 7, 2015

“Crowdsourcing and Online Services: the Good, the Bad, and the Lucrative”

Ben Zhao, Computer Science, UCSB *(FLS)*

April 30, 2015

“Key Research Trends in the Digital Humanities: How the Digital Humanities Challenge the Idea of the Humanities”

Alan Liu, English, UCSB *(FLS)*

May 13, 2015

“Science, Secrecy, and the Soviet State”

Asif Siddiqi, Fordham University *(FLS)*

May 14, 2015

“Mapping Commercial Nationalisms on Reality TV”

Zala Volcic, Pomona College (*FLS*)

CITS Ph.D. Gateway Seminar for the Ph.D. Emphasis in Technology and Society

This year’s gateway seminar was taught by Elizabeth Belding (Computer Science) in winter 2015 and enrolled 6 graduate students from Computer Science, Political Science, and Film and Media Studies. The organizing topic of the seminar was “ICT in a Global Context.” Course description: The Winter 2015 seminar will seek to understand the cultural transitions and social innovations associated with technology, from a global, pervasive perspective. We will study the context of technology and its impacts in a variety of disciplines, including examining the diffusion and accessibility of information technology worldwide. To do so, our seminars will alternate between presentations by faculty affiliated with CITS, who will speak about research topics relevant to the mission of CITS; and presentations by enrolled students. Students are welcome to speak either about their own work, or about work by others on a relevant topic. The course will provide opportunities to explore ICT in multiple contexts, potentially including the interaction of ICT and American politics; ICT and credibility and privacy; and ICT and the digital divide.

UCSB Faculty Participants

This year Lisa Parks (Film and Media Studies) served as CITS Director and Elizabeth Belding (Computer Science) served as Associate Director. On August 1, 2015, Parks finished her three-year term, and Professor Cynthia Stohl (Communication) was appointed as the center’s new Director. Belding will continue to serve as Associate Director.

CITS has a group of *50 faculty members (up from 44)*—designated as Faculty Research Affiliates (FRA)—who are affiliated with 14 different departments, spanning the Social Sciences, the Humanities, and the College of Engineering. These faculty members support CITS in various ways, from participation in formal research initiatives, to grant writing teams, to giving and attending faculty talks. In addition, a diverse array of other faculty members and graduate students around campus regularly participate in CITS events. *This year five new FRA were added: John Bowers, Electrical & Computer Engineering & IEE; Alenda Chang, Film and Media Studies; Linda Petzold, Computer Science & Mechanical Engineering; Laila Shereen Sakr, Film and Media Studies; and Bob York, Technology Management Program & Electrical Engineering. One FRA retired: Rich Appelbaum, Sociology.*

The complete list of FRA members includes:

Divyakant Agrawal (Computer Science), Kevin Almeroth (Computer Science), Chuck Bazerman (Education), Elizabeth Belding (Computer Science), Bruce Bimber (Political Science), Jim Blascovich (Psychology), John Bowers (Electrical & Computer Engineering & IEE), Inez Dolores Casillas (Chicana Studies), Alenda Chang (Film & Media Studies), Dorothy Chun (Education), Jon Cruz (Sociology), Jeremy Douglass (English), Amr El Abbadi (Computer Science), Anna Everett (Film & Media Studies), Andrew Flanagin

(Communication), James Frew (Bren School of Environmental Science and Management), Noah Friedkin (Sociology), Judith Green (Education), Barbara Herr Harthorn (Anthropology), Jennifer Holt (Film & Media Studies), Krzysztof Janowicz (Geography), Lisa Jevbratt (Art), George Legrady (Media Arts & Technology), Paul Leonardi (Technology Management Program), Debra Lieberman (Communication), Alan Liu (English), Karen Lunsford (Writing), Rich Mayer (Psychology), Patrick McCray (History), Miriam Metzger (Communication), John Mohr (Sociology), Christopher Newfield (English), Lisa Parks (Film & Media Studies), Constance Penley (Film & Media Studies), Linda Petzold (Computer Science & Mechanical Engineering), Rita Raley (English), Ron Rice (Communication), Laila Shereen Sakr (Film & Media Studies), Dave Seibold (Communication), Greg Siegel (Film & Media Studies), Eric Smith (Political Science), Cynthia Stohl (Communication), Michael Stohl (Communication), Matthew Turk (Computer Science), Cristina Venegas (Film & Media Studies), William Warner (English), Rene Weber (Communication), John Woolley (Political Science), Bob York (Technology Management Program & Electrical Engineering), Ben Zhao (Computer Science).

CITS also provides administrative support to the Technology and Society Ph.D. Emphasis. 34 Ph.D. faculty members offer courses that qualify for the emphasis from 14 departments. As part of the Ph.D. Emphasis, one or more of the emphasis faculty also offer a “gateway” graduate seminar at least one quarter per year, taught as an overload to their normal teaching load.

Non-UCSB Faculty Participants/Collaborators

During the past three years, CITS has worked to increase its profile by working with multiple campus units to invite speakers from institutions around the world and the US. Many non-UCSB faculty were responsible for this year’s Faculty Lecture Series presentations:

Mark Andrejevic (Pomona College), Lisa Cartwright (UCSD), Paul Edward (University of Michigan), Nathan Ensmenger (Indiana University), Helen Margetts (Oxford Internet Institute), Asif Siddiqi (Fordham University), Zeynep Tufekci (University of North Carolina-Chapel Hill), Cristian Vaccari (Royal Holloway, University of London), Zala Volcic (Pomona College), Stephan Winter (University of Duisburg-Essen, Germany), Magdalena Wojcieszak (U of Amsterdam). In addition, one fellow (Doc Searls, currently at Harvard’s Berkman Center) and four external advisory board members who regularly support and advise the Center (Mark Bertelsen, John Seeley Brown, Charles House, and Dave Toole) are integral to CITS’s functioning and mission.

CENTER FOR MIDDLE EAST STUDIES (CMES)

Director: Dwight Reynolds

Director (effective 4/2015): Adam Sabra

Mission Statement/Goals:

Founded in 2000 with a three-year grant from the U.S. Department of Education, the Center for Middle East Studies at UCSB was the first new nationally funded center in this field in over a quarter century. With the establishment of the Center, UCSB joined the ranks of a very select group of 14 American universities to achieve this distinction.

The Center for Middle East Studies coordinates and supports the activities of 36 core faculty members in nine different academic departments, as well as an additional 24 affiliated faculty members in ten departments. In addition, the Center provides ongoing support for between 50 and 70 graduate students and acts as the administrative unit that coordinates the broader field of Middle East Studies across the UCSB campus.

Islamic Studies is one of the primary fields supported by the Center's administrative functions and indeed, with six tenured faculty members in Islamic Studies, UCSB has become one of the major locations for the study of Islam in the United States. These faculty members include Janet Afary (Iranian Studies), Ahmad Atif Ahmad (Qur'an, Tafsir, Usul al-Fiqh), Juan Campo (modern Islamic movements, Islam in South Asia), Racha El-Omari (Kalam, Mu'tazilism, Tafsir), Kathleen Moore (Law and Society, Muslims in Europe and North America), and Adam Sabra (medieval and early modern History of the Islamic Middle East).

Activities/Highlights

The Center for Middle East Studies typically sponsors or co-sponsors around 30 events each year on the UCSB campus for both university-based and general public audiences. These events include invited speakers, art exhibits, film showings, forums, workshops, and conferences. Through these events, and in the broad array of courses taught across the UCSB campus, the Center seeks to promote greater awareness and understanding of the Middle East and of Islam among UCSB students and in the surrounding community.

One of the most prominent annual events is a week-long residency by a distinguished senior scholar. This residency was named the R. Stephen Humphreys Distinguished Visiting Scholar by the UCSB faculty to honor Professor Humphreys on the occasion of his retirement from the Islamic Studies Endowed Chair two years ago. The recipients of this distinguished residency include Richard Bulliet (Columbia), Maribel Fierro, CSIC Madrid (2014), Angelika Neuwirth, Free University, Berlin (2013), Wadad Kadi, University of Chicago (2012), Patricia Crone, Princeton (2011), and Gregor Schoeler, University of Basel (2010).

Highlights in 2014/15 include the conference organized by Professor Dwight Reynolds entitled, "The Musical Heritage of Islamic Spain," including a concert "Echoes of the Alhambra: Jewish & Muslim Music from Medieval Moorish Spain."

Graduate Studies Awarded by the Center for Middle East Studies:
Thanks to the generous gift from Prince Mohammed Bin Fahad that established the Islamic Studies Endowment, graduate students in this field at UCSB receive several types of financial support (though this support does not yet include full fellowships comparable to those awarded by some private universities).

This support is administered and awarded by the Executive Committee of the Center for Middle East Studies, composed of faculty members from several different departments and includes:

- Conference travel awards to attend conferences and present papers
- Summer research awards
- Summer intensive language-study awards
- Research Assistantships
- Support for the annual graduate student conference in Islamic Studies

Center Events

September 29, 2014

MultiCultural Center Annual Kickoff featuring the music of *Atash*
Co-sponsored by the MultiCultural Center

October 14, 2014

"The New Arabs: How the Millennial Generation is Changing the Middle East"
Juan Cole, University of Michigan

October 18, 2014

MCC Music Performance: Salar System
Co-sponsored by the UCSB Ethnomusicology Program and India Association of Santa Barbara

October 24, 2014

"Understanding the Syrian Tragedy: Where From? Where To?"
Bassam Haddad, George Mason University

November 4, 2014

"Quantifying Pluralism and Solidarity in Social Movements: A Case Study of Gezi Park Uprising in Turkey"
Ceren Budak, Microsoft Research New York
Co-sponsored by the Department of Computer Science

November 12, 2014

"Mizrahi Mothers, Wrapped in the Flag: Ultra-Nationalism, Apartheid, and the Divinity of Bureaucracy in Israel"
Smadar Lavie, UC Berkeley
Co-sponsored by the Department of Sociology Colloquium

December 6, 2014

UCSB Middle East Ensemble Fall Concert with special guest Raman Osman, Kurdish tanbur player/singer
Scott Marcus, Director

February 2, 2015

R. Stephen Humphreys Distinguished Lecture Series: "Energy and Middle East History"
Richard Bulliet, Columbia University

February 5, 2015

"Understanding the Emergence and Trajectory of Political Islam in Tajikistan, 1973-1997"

Kathleen Collins, University of Minnesota

Co-sponsored by the IHC's Identity RFG and the Department of Political Science

February 6, 2015

"Networked Protest in the 21st Century: Strengths, Weaknesses and Protester Desire"

Zeynep Tufekci, University of North Carolina

Sponsored by CITS and co-sponsored by CMES

February 12, 2015

Dreaming Palestine: Occupation, Exile and Return Film Series

"When I Saw You"

Preceded by a video introduction recorded specifically for this occasion by writer-director Annemarie Jacir.

February 13, 2015

"Petromodernity, Media, and the Middle East"

Mona Damluji, Wheaton College

Co-sponsored by the Department of film and Media Studies

February 17, 2015

"Palestine, Academic Freedom, and the Demands of Civility"

Steven Salaita, Author and Scholar

Co-sponsored by the Departments of History and Anthropology, Center for New Racial Studies, Center for Research on Women & Social Justice, Hull Chair, and the Carsey-Wolf Center

February 18, 2015

Dreaming Palestine: Occupation, Exile and Return Film Series

"The Time that Remains"

Followed by a discussion about the film and about the theme of the film series: "what does it mean to dream in Palestine? With panelists Richard Falk, former United Nations Special Rapporteur on Palestinian Human Rights and Sherene Seikaly, Assistant Professor of History, UCSB. Moderator: Maryam Griffin, Doctoral Candidate in Sociology, UCSB

February 21, 2015

Concert: Echoes of the Alhambra: Jewish & Muslim Music from Medieval Moorish Spain
Co-sponsored by the College of Letter & Sciences, Division of Humanities & Fine Arts Division, Department of Music, Interdisciplinary Humanities Center, Multicultural Center, and the UC Institute for Research in the Arts.

February 22, 2015

Symposium: Intertwined Traditions: The Untold Tale of Jewish-Muslim Musical Traditions from Medieval Moorish Spain
Co-sponsored by the College of Letter & Sciences, Division of Humanities & Fine Arts Division, Department of Music, Interdisciplinary Humanities Center, Multicultural Center, and the UC Institute for Research in the Arts.

February 24, 2015

"American Muslims and the Reform of Islam"
Zareena Grewal, Yale University
Co-sponsored by the UCSB MultiCultural Center

February 25, 2015

Herman P. and Sophia Taubman Foundation Endowed Symposia in Jewish Studies at UCSB : "US Foreign Policy and the Chaotic Middle East"
Ambassador Marc Ginsburg, Chief Executive Officer of OneVoice and Ghaith Al-Omari, Washington Institute for Near East Policy
Co-sponsored by UCSB Arts and Lectures, Department of Religious Studies, Congregation B'nai B'rith, Jewish Federation of Greater Santa Barbara, and Santa Barbara Hillel.

February 26, 2015

Dreaming Palestine: Occupation, Exile and Return Film Series
"My Love Awaits Me by the Sea"
Followed by a live discussion and a reception with director Mais Darwazah.

March 2, 2015

"'An Orphan Cuts its Own Umbilical Cord': Notes on Turkic Identity in Central Asia, 16th-19th c."
Ron Sela, Indiana University

March 7, 2015

UCSB Middle East Ensemble Winter Concert
Scott Marcus, Director

April 6, 2015

"'Abd al-Hamīd al-Kātib's Use of the Qur'ān in His Religious Letters: Surprises and Explanations"
Wadad Kadi, University of Chicago
Co-sponsored by the King Abdul Aziz Ibn Saud Chair in Islamic Studies

April 9, 2015

“The Inside Story of the Egypt Revolution”

Abdallah Helmy Shehata, American University in Cairo

Co-sponsored by the IHC's Identity RFG and the Department of Political Science

April 15, 2015

“Really Feeling It: Ambiguity and Sincerity in Egyptian Pop Music & Politics”

Daniel Gilman, Analyst/consultant on Egypt and the Middle East, Washington, DC

Co-sponsored by the Center for the Interdisciplinary Study of Music

April 16, 2015

“Not Quite Conquered: Identity Politics and Free Speech in a Secular Age”

Abbas Barzegar, Georgia State University

Co-sponsored by the Department of Religious Studies

April 27, 2015

“A Fragmentary *Fadā'il* work by al-Dāraqutnī: Shī'ī Intrasectarian Interlocutors in a 4th/10th-century Sunnī Polemic”

Nancy Khalek, Brown University

Sponsored by the King Abdul Aziz Ibn Saud Chair in Islamic Studies and co-sponsored by CMES and the Department of History

May 1, 2015

“Rethinking Legal Authority and State Power: The Case of Early Modern Islamic Jurisprudence”

Samy Ayoub, Visiting Professor, UCSB

Co-sponsored by the Department of Religious Studies

May 9-10, 2015

5th Annual Islamic Studies Graduate Student Conference: “Constructing & Contesting Islam in Contemporary Contexts”

Keynote address by Dr. Charles Hirschkind, UCB, “Reflections from Granada on the Place of Islam in Europe”

The conference examines the function of contestation of practice, authority, and interpretation in the constitution of competing visions of normative Islam.

May 15, 2015

“Early Islamic and Crusader Ceramics from Jaffa: Continuity and Change”

Katherine Strange Burke, UCLA

Co-sponsored by Ancient Borderlands Research Focus Group, Department of History and the Department of Anthropology

UCSB Faculty Participants

Janet Afary (Religious Studies)

Ahmad Atif Ahmad (Religious Studies)

Paul Amar (Global & International Studies)
Juan Campo (Religious Studies)
Adrienne Edgar (History)
Racha El-Omari (Religious Studies)
Amr El Abbadi (Computer Science)
Hillal Elver (Global & International Studies)
Richard Falk (Global & International Studies)
Nancy Gallagher (History/Chair, Middle East Studies Major)
Lisa Hajjar (Sociology)
Cynthia Kaplan (Political Science)
Nuha N. N. Khoury (History of Art and Architecture)
Scott Marcus (Music)
Kathleen Moore (Religious Studies)
Dwight Reynolds (Religious Studies/Director, Center for Middle East Studies)
Adam Sabra (History)
Sherene Seikaly (History)
Heather Stoll (Political Science)
Salim Yaqub (History)

UCSB Affiliated Faculty

Richard Appelbaum (Global & International Studies)
Bassam Bamieh (Mechanical Engineering)
Kum-Kum Bhavnani (Sociology)
Douglas Burbank (Earth Science)
Swati Chattopadhyay (History of Art and Architecture)
Keith Clarke (Geography)
David A. Cleveland (Anthropology)
Scott Cooper (Ecology, Evolution & Marine Biology)
Helen Coucelis (Geography)
Douglas Daniels (Black Studies)
Eve Darian-Smith (Global & International Studies)
Amr El Abbadi (Computer Science)
Anna Everett (Film & Media Studies)
Steve Gaines (Marine Science Institute)
Rachel Haymon (Earth Science)
Shane Jimerson (Counseling, Clinical & School Psychology)
Pei-te Lien (Political Science)
Gurinder Singh Mann (Global & International Studies)
Stephen Miescher (History)
Erika Rappaport (History)
Paul Spickard (History)
Christina Venegas (Film & Media Studies)
David G. White (Religious Studies)
Fikret K. Yequ (History of Art and Architecture)

CENTER FOR NANOTECHNOLOGY IN SOCIETY (CNS)

Director: Barbara Herr Harthorn

Co-Principal Investigators: Richard Appelbaum, Craig Hawker, W. Patrick McCray

Assistant Director: Bonnie Molitor

Mission Statement/Goals:

The Center at UC Santa Barbara addresses questions of nanotech-related societal change through research and education that encompasses three main areas: IRG-1: Origins, Institutions, and Communities produces and integrates a diverse range of historical sources and research tools in order to understand specific facets of the nano-enterprise's history; IRG-2: Globalization and Nanotechnology addresses global industrial policy and development of nanotechnology, with a particular focus on China, Japan & India as well as Latin America and pathways to the use of nanotechnologies to spur equitable development; and IRG-3: Nanotech Risk Perception and Social Response conducts social research on formative nanotech risk and benefit perceptions in the US and abroad by multiple stakeholders in the nano-enterprise and modes of enhancing public participation. Strategic topic projects (solar energy, California and global industry, media coverage of nano) and Seed Grant projects extend and integrate the three IRGs' work. In combination, these efforts address a linked set of issues regarding the domestic US and global creation, development, commercialization, production, consumption, and control of specific kinds of nanoscale technologies. Important features of CNS' approach are commitment to issues of socially and environmentally sustainable innovation; participatory research with nanoscientists; a focus on specific nanotechnologies and comprehensive consideration of their applications in industries like electronics, energy, food, environmental, and health; and employment of a comparative global framework for analysis with attention to responsible and equitable development. IRG-3 studies cross-national modes of enhancing public participation.

The Center's three IRGs combine expertise in many fields: technology, innovation, culture, cognition and perception, health, energy, global industrial development, gender and race, environment, space/location, and science and engineering. Core collaborators are drawn in the US from UC Davis & UCLA, Arizona State Univ., Chemical Heritage Foundation, Decision Research, Duke Univ., Lehigh Univ., and Rice Univ., and internationally from Cardiff Univ.(UK), Seoul National Univ.(S. Korea), Univ. of British Columbia(Canada), Univ. of Nottingham(UK) and Universidad Autónoma de Zacatecas (Mexico). CNS-UCSB has served as a leader in the NSF Network for Nanotechnology in Society and is co-founder of the international scholarly organization S.NET, which is successfully forging an international community of nano and emerging technology scholars from nations around the globe. CNS-UCSB is a research partner in the NSF/EPA-funded UC Center for Environmental Implications of Nanotechnology at UCLA/UCSB.

Education and Outreach programs at CNS-UCSB aim to nurture an interdisciplinary community of nano scientists, social scientists, humanists, and educators who collaborate in CNS IRGs and achieve broader impacts through informed engagement of diverse audiences in dialogue about nano and society. CNS-UCSB provides 3-5

postdoctoral researcher positions each year. Graduate Fellowships and researcher positions for social science and NSE grads enable them to participate jointly in CNS IRG research and education. A hallmark of CNS-UCSB education is the introduction of scientists- and engineers-in-training into the methods and practices of societal research and their use to address responsible development. A CNS 8-week intensive summer undergraduate internship program run 8 times over the course of the CNS integrates diverse California community college students into CNS research. Through a year-round bi-weekly seminar program, a speakers series, conferences and workshops large and small, visiting scholars, informal science education events for the public, new media dissemination, numerous public events with community members, and accelerating outreach to key sectors of government, industry, and NGOs, the CNS maintains a solid following of campus, local, and national and international media, and interest by government, industry, NGOs, and the general public.

In 2014-15 CNS-UCSB continued substantial progress in research on pathways and impediments to socially and environmentally sustainable futures for nanotechnologies, producing 42 new publications in the past year, bringing total publications since our renewal 4.5 years ago to 294, with another 58 in the publication stream, and making 59 presentations this year at academic venues. Appelbaum, Harthorn, Pidgeon, and Simon each provided critical input to national policymaking bodies in the US and UK, and CNS researchers made over 74 presentations to key audiences in government, industry, NSE, and the public.

Highlights/Achievements

The global vision for nanotechnology to mature into a transformative technology that furthers social aims in tandem with economic goals depends on an array of complex and interconnected factors situated within a rapidly changing international economic, political, and cultural environment. The NSF Center for Nanotechnology in Society at UCSB pursues an integrated portfolio of interdisciplinary societal research on the challenges to the successful, responsible development of nanotechnology in N America, Europe, Asia, and Latin America at a time of sustained technological innovation. The Center incorporates education for a new generation of social science and nanoscience professionals as it fosters research on the innovation and development systems for nanoscale technoscience across space and time, in conjunction with analysis of the societal meanings attributed to such emergent technologies by diverse stakeholders. CNS-UCSB contributes to responsible development by engaging with those key stakeholders: scientists, toxicologists, policymakers and regulators, EH&S personnel, nanomaterials industries, public and public interest groups, and journalists in the global North and South.

CNS-UCSB's education and outreach programs, which are central to its mission, include a diverse range of students and participants. The Center provides novel interdisciplinary educational opportunities for a new generation of social science, humanities and nanoscience professionals via graduate fellowships (9 in the past year, 7 social science/humanities and 2 science and engineering, for a total of 10 social science/humanities fellows and 5 NSE fellows to date in the current award; graduate

research assistantships (15 in the current year, 13 UCSB and 2 w/ external collaborators); undergraduate summer research internships to regional community college students (11 in the current award) and undergrads at UCSB and partner institutions (4 in 2013-2015, 36 total in the current award) who are mentored at UCSB by graduate students (11 mentorships to date in this award), and 3-5 interdisciplinary social science/humanities postdocs per year (9 in 2014-15, 5 of them co-funded, 6 at other institutions). CNS shows its commitment to educating a new generation of socially attuned researchers by convening a year-round graduate research seminar for credit that includes scholarly discussion, professional training and development, research colloquia, and other activities, along with participation by postdocs, undergrads, visitors, faculty researchers and others. CNS integrates content based on Center research into courses for undergraduate and graduate students in science and technology studies, has contributed to online course materials in the UC CEIN and the NSF NACK center at Penn State, and has developed and piloted a model curriculum for community college science and society education, a primary population for nano workforce development.

CNS aims to disseminate both technological and social scientific findings related to nanotechnology in society to the wider public and to facilitate public participation in the nanotechnological enterprise through public engagement in dialogue with academic researchers from diverse disciplines. In April 2014 we held an annual 2-day NanoDays in the Santa Barbara community with 1400 adults and children participating. CNS-UCSB commits significant resources to conferences and workshops for diverse audiences, alternating smaller, more specialized meetings for researchers (such as Emerging Technologies 2013) with larger-scale international conferences. This past November we hosted an example of the latter. The conference, "Democratizing Technologies: Assessing the Roles of NGOs in Shaping Technological Futures," was hosted on the UCSB campus. It included the participation of 30 local and international NGOs as well as scholars from several disciplines, journalists and government representatives. We have further leveraged the reach of the conference proceedings by creating a report and a program for UCTV. Further, we are currently planning an edited volume based on conference presentations.

In addition to its co-founding role in S.NET, CNS serves as a key connection hub in the growing nano in society network, via speaker series, short- and medium-term visiting scholars, and as a dissemination point for research results (as requested by Chemical Heritage Foundation, UC Center for the Environmental Implications of Nanotechnology, and others). Outreach to still wider publics and interested parties takes place via electronic forms such as the CNS-UCSB webpage (www.cns.ucsb.edu), CNS-UCSB Facebook and Twitter, and contributions to leading blogs such as Science Progress, The Conversation, 2020 Science, China Policy Institute Blog, and Huffington Post. In the past year, CNS scholars have contributed to several traditional media outlets including The Chronicle of Higher Education and IEEE Spectrum. They have also been quoted as sources in print publications such as The Guardian ("Live forever: scientists say they'll soon extend life 'well beyond 120,'" January 11, 2015) and The New Yorker ("Material Question," December 22, 2014).

CNS also engages and informs policymakers and governmental agencies (e.g., Appelbaum with OECD on global economic development, Block to Congress on similar issues, Mehta to the World Bank on job skills competitiveness, Pidgeon on an ongoing basis to the UK House of Commons Science & Technology Select Committee inquiry on the Regulation of Geoengineering (in which he draws on CNS nano research), and Harthorn to the US Presidential Commission on Bioethics, NNCO/NNI stakeholder meetings, the NPEC working group of the NNI and NNCO personnel as well as NAS, NIOSH and California's DTSC. Both volumes of a two-volume report that integrated Harthorn's presentation to the Presidential Commission on Bioethics – called *Gray Matters: Topics at the Intersection of Neuroscience, Ethics, and Society* – were released during the reporting period.

Including plans for Engeman, Harthorn, Han and Appelbaum to develop a collected volume out of the Democratizing Technologies conference (Nov 2014) that will integrate scholarly and practitioner perspectives, synthesis of CNS-UCSB research has culminated in 8 volumes now in print or in progress. First is a book for a wider public audience developed from the CNS-UCSB NanoEquity conference in Washington DC, *Can Emerging Technologies Make a Difference in Development?* edited by Parker and Appelbaum, Routledge, 2012. *The Social Life of Nanotechnology*, edited by Harthorn & Mohr with a foreword by Board co-Chair John Seely Brown, was published by Routledge in July 2012 and integrates all three research groups' work in a social science analysis of innovation, public perception, and governance. Seely Brown describes the volume as: "An encompassing collection of scholarly works touching nearly every aspect of the social currents underlying the launching of this field, its radically cross-disciplinary nature, and the crucial issue of how to engage the public in a meaningful dialogue about the risks and opportunities that this promising field might produce." In addition, IRG 3 leaders Pidgeon, Harthorn & Satterfield co-edited a special issue of the leading journal, *Risk Analysis* (Nov 2011) of new research from the IRG 3 nanotech risk perception specialist meeting in Santa Barbara, CA in Jan 2010. X-IRG project leader Newfield and his collaborator Boudreaux have developed a volume, *Can Rich Countries Still Invent?*, currently under review, from their States of Innovation conference in Lyon, France in April 2010 which explores the critical dimensions of a post-linear model of innovation. IRG 1 researchers are planning a linked set of papers from their June 2013 specialist meeting on Emerging Technologies. Appelbaum and fellow IRG 2 researchers have a book contract for a new volume on *Technology and Innovation in China: China's Evolving Role in the Global Science and Technology System*.

CNS-UCSB also has initiated as a summative activity development of a series of policy briefs to extend the implications of the maturing research mission. The first "Nano Short Subject" policy brief was delivered to California lawmakers on February 17, 2015. Written by former Postdocs Shearer and Rogers-Brown, along with current Postdoc Frederick for the California Research Bureau, Short Subjects are 800-word papers that report research to the California Legislature, Governor's office, and the public about pertinent policy topics. CNS-UCSB's Short Subjects address nanotechnology's role in the California economy as well as risk perceptions. The first, a general overview, was received by the Senate committee on Business, Professions, and Economic

Development; Senate Committee on Labor and Industrial Relations; Assembly Committee on Environmental Safety and Toxic Materials; and the Assembly Committee on Jobs, Economic Development, and the Economy.

In the 2014-15 reporting period, CNS researchers have given 133 presentations (both research and outreach). CNS researchers report 100 publications in the 2014-2015 year resulting from CNS work. In the following year, outreach activities will focus on synthesizing the entire 10-year portfolio of research produced by CNS-UCSB. These will include the production of reports on IRGs 1,2 and 3 as well as a study of the Science and Engineering Fellowship program.

Honors and Awards to CNS-UCSB Participants, 2014-15:

Anderson, Sarah, Promoted to Associate Professor with tenure, Environmental Politics, UCSB, 2014.

Appelbaum, Richard, month-long residency at Rockefeller Center in Bellagio, Italy (August-September, 2014).

Beaudrie, Christian, Kandlikar, Milind, & Satterfield, Theresa, paper received Certificate of Merit, from the American Chemical Society, Division of Environmental Chemistry. "Nanomaterial risk screening: A structured decision making (SDM) approach" at the 248th National Meeting in San Francisco, August 10-14, 2014.

Barvosa, Edwina, Named Section Chair, Western Political Science Association, Section on "Intersectionality," 2014-2015.

Barvosa, Edwina, Awarded UC Regent's Faculty Humanities Fellowship, Summer, 2014.

Barvosa, Edwina, Accepted to attend the UC Team Science Retreat, July 2014.

Eardley-Pryor, Roger, Awarded PhD in History from UCSB, 2014.

Eardley-Pryor, Roger, Awarded Research Fellowship at Chemical Heritage Foundation, 2014

Engeman, Cassandra, Awarded Visiting Scholar Research position at the Social Science Research Center in Berlin (WZB) for 2014-2015.

Engeman, Cassandra, Senior Social Science Senior Graduate Research Fellow at the Center for Nanotechnology in Society at UCSB April - December 2014.

Engeman, Cassandra. Serving as external expert with the European Trade Union Institute on a "Scenario Project" that considers potential occupational safety and health issues in the future workplace. Such scenarios will consider the impacts of new technologies on the organization of work. Beginning 2014.

Gebbie, Matthew, Science & Engineering Graduate Research Fellow at the Center for Nanotechnology in Society at UCSB, 2014-15.

Harr, Bridget, Social Science Graduate Research Fellow at the Center for Nanotechnology in Society at UCSB, 2014-15.

Hasell, Ariel, Invited to attend the International Communication Association's Summer School on (New) Media Effects on Electoral Behavior, July 7-11, 2014, Milan, Italy.

Hasell, Ariel, Received The George McCune Dissertation Fellowship, Department of Communication, UCSB, 2014-15.

Hasell, Ariel, Social Science Graduate Research Fellow at the Center for Nanotechnology in Society at UCSB, 2014 -15.

Kay, Luciano, Integrated (by invitation) the Scientific Advisory Panel of the 4th Global Tech Mining Conference held in Leiden, Netherlands on September 2, 2014.

McCray, W. Patrick, Received Watson Davis and Helen Miles Davis Prize for *The Visioneers: How A Group of Elite Scientists Pursued Space Colonies, Nanotechnologies, and a Limitless Future* (published 2012 Princeton University Press), 2014.

McCray, W. Patrick, Named the 2015-2016 Charles A. Lindbergh Chair in Aerospace History at the Smithsonian National Air and Space Museum for *The Visioneers: How A Group of Elite Scientists Pursued Space Colonies, Nanotechnologies, and a Limitless Future* (published 2012 Princeton University Press), 2014.

Mehta, Aashish, Promoted to Associate Professor with tenure, Global and International Studies, UCSB, 2014.

Mehta, Aashish. Invited by The World Bank and the Asian Development Bank to participate in several research/writing projects involving human capital, "skill gaps" and industrial diversification and development. Researchers will be hired in various countries, to be supervised by Prof Mehta. The project will lead to peer-reviewed publications, publicly disseminated reports, and better advice to governments, 2015.

Mody, Cyrus, (with Andrew J. Nelson) Received Award for Distinguished Contribution to Electrotechnical History, IEEE / Society for the History of Technology for their article, "A Towering Virtue of Necessity: Computer Music at Vietnam-Era Stanford," (Osiris 2013), 2014.

Newfield, Christopher, Presented "Metrics Mania in Higher Education: Strengths, Weaknesses, and Treatments," as recipient of the John P. McGovern MD Award Lecture in the Medical Humanities, University of Texas Medical Branch, October, 2014.

Novak, David, awarded the 2014 British Forum for Ethnomusicology Book Prize for his book *Japanese*

Novak, David, won Honorable Mention for the David Plath Media Award from the Society for East Asian Anthropology in the American Anthropological Association, for his podcast, "The Sounds of Japan's Antinuclear Movement," 2014

Pidgeon, Nicholas, awarded an MBE in the Queen's Birthday honors list for his services to UK climate change awareness and energy security policy, July 2014.

Pidgeon, Nick. Member of final commissioning panel of the Norwegian Research Council joint call in ELSA for nano and biotechnologies, May 15, 2015.

Pidgeon, Nick. Member Synthetic Biology Governance Council, responsible innovation sub-group, UK.

Slaton, Amy, Invited to participate in the formation of a new Chemical Heritage Foundation initiative focused on the history of industrial materials, 2015.

Stevenson, Louise, Student Board Member, Board of Directors, Southern California Society for Environmental Toxicology and Chemistry (SETAC).

Stevenson, Louise (and Krattenmaker, Katie), Received the Worster Award to an undergraduate-graduate student pair to conduct summer research for the project, "The effect of silver nanoparticles on *Daphnia pulicaria* at low food levels," Department of Ecology, Evolution and Marine Biology, UCSB, 2014.

Stevenson, Louise, Science & Engineering Graduate Research Fellow at the Center for Nanotechnology in Society at UCSB, 2014-15.

Stocking, Galen and Hasell, Ariel, Awarded Top Three Poster Award at Democratizing Technologies: Assessing the Roles of NGOs in Shaping Technological Futures Conference at UCSB, November 2014.

Stocking, Galen, Social Science Graduate Research Fellow at the Center for Nanotechnology in Society at UCSB, 2014-15.

Stocking, Galen, Awarded PhD in Political Science from UCSB, 2014.

Stocking, Galen, Accepted research position at Pew Research Center, 2015.

Tyrrell, Brian, Social Science Graduate Research Fellow at the Center for Nanotechnology in Society at UCSB, 2014-15.

Záyago Lau, Edgar, Accepted as a regular member to the Mexican Academy of Sciences (AMC), 2015.

Center Events:

November 13-15, 2014

CNS Conference: “Democratizing Technologies: Assessing the Roles of NGOs in Shaping Technological Futures”

Keynote speaker: Nicholas Kristof, Pulitzer Prize-winning New York Times Columnist
“A Path Appears: Transforming Lives, Creating Opportunity”

Global in scope, the conference brings together social scientists, science experts, government regulators, and NGO leaders

December 4, 2014

“Finding Scientific Answers Online: How Laypersons Select and Process Science-Related Web 2.0 Content”

Stephan Winter, Department of Social Psychology, University of Duisburg-Essen

January 15, 2015

Seminar “Lithium: Driving (Sustainable) Development?”

Javiera Barandiaran, Global and International Studies and CNS Seed Grantee

February 12, 2015

“The Collapse of Western Civilization”

Eric Conway, Historian at NASA Jet Propulsion Laboratory

February 26, 2015

Seminar “Deliberating Fracking: Risks, Responsibilities, and Energy Futures”

Tristan Partridge, CNS Postdoctoral Scholar

April 11-12, 2015

NanoDays 2015

Santa Barbara Museum of Natural History

NanoDays celebrations bring university researchers and science educators together with both children and adults to create learning experiences about the miniscule world of atoms, molecules and nanoscale forces.

May 11, 2015

“Slavery, Inequality, and Economic Creativity in the Nineteenth-Century United States”

John Majewski, Acting Dean of Humanities and Fine Arts, UCSB

May 18, 2015

“Accidents and the Origins of Forensic Reason”

Greg Siegel, Associate Professor, UCSB Dept. of Film and Media Studies

UCSB Faculty and Collaborators

Sarah Anderson, Associate Professor, Bren School of Environmental Science & Management

Richard Appelbaum (Co-PI), Research Professor, Sociology/Global & International Studies

Javiera Barandiaran, Assistant Professor, Global & International Studies
Edwina Barvosa, Associate Professor, Chicana/o Studies, Feminist Studies
Bruce Bimber, Professor, Political Science/Communication
Barbara Herr Harthorn (PI), Professor, Anthropology/Director, CNS
Craig Hawker (Co-PI), Professor Chemical Engineering/Director MRSEC
Patricia Holden, Professor, Bren School of Environmental Science & Management
Arturo Keller, Professor, Bren School of Environmental Science & Management
George Legrady, Professor, Media Arts & Technology
Nelson Lichtenstein, Professor, History
John Majewski, Professor, History
W. Patrick McCray (Co-PI), Professor, History of Science
Aashish Mehta, Associate Professor, Global & International Studies
Miriam Metzger, Professor, Communication
John Mohr, Professor, Sociology
Christopher Newfield, Professor, English
David Novak, Associate Professor, Music
Lisa Parks, Professor, Film & Media Studies/Director CITS
Marko Peljhan, Assistant Professor, Media Arts & Technology
Casey Walsh, Associate Professor Anthropology

UCSB Postdoctoral Scholars and Researchers

Lauren Copeland, Political Science
Xueying Shirley Han, Ecology, Evolution & Marine Biology
Luciano Kay, Public Policy
Tristan Partridge, Social Anthropology

Non-UCSB Faculty Participants and Collaborators

Peter Asaro, Assistant Professor, Philosophy of Science, Technology & media, The New School, Campaign to Stop Killer Robots
David Azoulay, Managing Attorney, Environmental Law, Center for International Environmental Law
Indrani Barpujari, Researcher, Science & Technology, The Energy & Resource Institute, India
Christian Beaudrie, Associate, Resource Management & Environmental Studies, Compass Resource Management
Romanus Berg, Leadership Group Member & CIO, Information & Communication Technology, Ashoka Innovators for the Public
Sebastian Bordirsky, Consultant, Videographer, Berlin, Germany
David Brock, Senior Research Fellow, Center for Contemporary History & Policy, Chemical Heritage Foundation
Cong Cao, Associate Professor, Sociology, University of Nottingham, UK
Jenny Chan, Lecturer, Chinese Studies, Students & Scholars Against Corporate Misbehavior (SACOM)
Hyungsub Choi, Assistant Professor, History of Science, Seoul National University, South Korea
Sheila Davis, Executive Director, Environmental Policy, Silicon Valley Toxics Coalition

Christina Demski, Lecturer, Psychology, Cardiff University, UK
Lucy Diep, Master Student, Community Health Service, University of Calgary, Canada
Dave Dreamer, Research Professor, Chemistry & Biochemistry, UC Santa Cruz
Jennifer Earl, Professor, Sociology, University of Arizona
Brenda Egolf, Research Scientist, Journalism, Lehigh University
Guillermo Foladori, Professor, Sociology, Universidad Autonoma de Zacatecas
Sharon Friedman, Professor, Science Journalism/Communication, Lehigh University
John Gallo, Senior Scientist, Environmental Research & Policy, Conservation Biology Institute
Gary Gereffi, Professor, Sociology/Director CGGC, Duke University
Jim Gimzewski, Professor, Chemistry & Biophysics, Design Media Arts, UCLA
Jose Gomez-Marquez, Director, International Design Centre, MIT
Robin Gregory, Senior Researcher, Psychology, Decision Research
M. Paz Gutierrez, Associate Professor, Architecture & Environmental Design, UCB
Matthew Harsh, Assistant Professor, Engineering & Computer Science, Concordia University, Canada
Jennifer Hawken, Independent Consultant, Transcriber, Irving, Texas
Amy Heibel, VP, Technology, Web & Digital Media, LA County Museum of Art
Noela Invernizzi, Professor, Science & Technology Policy, Federal University of Parana, Brazil
Kirk Jalbert, PhD Candidate, Science & Technology, Rensselaer Polytechnic Institute
Milind Kandlikar, Professor, Science Policy & Regulation, University of British Columbia
Sheron King, PhD Candidate, Public Administration, North Carolina State University
Nicholas Kristoff, Columnist/Writer, Law & Global Affairs, New York Times
Todd Kuiken, Sr. Program Associate, Science & Technology Innovation Program, Woodrow Wilson International Center for Scholars
Kristen Kulinowski, Research Staff member, Environmental, Health & Safety, Science & Technology Policy Institute (STPI)
Jennifer Kuzma, Professor, Genetic Engineering & Society, North Carolina State University
Timothy Lenoir, Professor, New Technologies in Society, Literature & Computer Science, Duke University
David Lewis, Professor, Anthropology, Social Policy & Development, London School of Economics, UK
Nathalie Marechal, PhD Candidate, Media, Media History & International Relations, University of Southern California
Cyrus Mody, Associate Professor, History & Technology Studies, Rice University
Yasuyuki Motoyama, Senior Scholar, City & Regional Planning, Kauffman Foundation
Nadezhda Murray, Independent Consultant, Transcriber, Japan
Moses Musaaazi, Sr. Lecturer, Electrical & Computer Engineering, Technology for Tomorrow, Ltd.
Rachel Nelson, PhD Candidate, Institute of the Arts & Science, UC Santa Cruz
Lina Nilsson, Innovation Director, Blum Center for Developing Economics, UC Berkeley
Ari Olmos, VP of Operations, Global Operations & Worker Safety, LaborVoices
Andie Palmer, Associate Professor, Civil & Environmental Engineering, Univ. of Alberta

Poonan Pandey, PhD Candidate, Nanobiotechnology & Technology, Jawaharal Nehru University, New Delhi
Howard Park, Independent Consultant, Music, Santa Barbara, CA
Rachel Parker, Sr. Research Associate, Sociology, Science & Technology Policy Institute
Eric Paulos, Assistant Professor, New Media Arts, UC Berkeley
Nicholas Pidgeon, Professor, Applied Psychology, Cardiff University, UK
Flavio Plenz, General Coordinator, Micro & Nanotechnology, Brazilian Ministry of Science, Brazil
Aida Ponce del Catillo, Sr. Researcher, Occupational Health & Safety, European Trade Union Institute, Belgium
Joel Primack, Professor, Astrophysics, UC Santa Cruz
Enrico Ramirez-Ruiz, Associate Professor, Astronomy & Astrophysics, UC Santa Cruz
Karen Reilly, Development Director, Information Technology & Services, The TOR Project
Patrick Roberts, Associate Professor, Public Admin. & Policy, Virginia Tech
Mark Robinson, Assistant Professor, Anthropology, Science & Technology Studies, DePaul University
Terre Satterfield, Professor, Institute for Resources, Environment & Sustainability (IRES), University of British Columbia, Canada
Andrew Schroeder, Director of Research & Analysis, Geographic Information Systems, Direct Relief Foundation
Maya Schweizer, Consultant, Videographer, Berlin, Germany
Jill Scott, Professor, Art & Science Research, Institute for Cultural Studies in the Arts
Bhavna Shamasunder, Assistant Professor, Urban & Environmental Policy, Occidental College
Philip Shapira, Professor, Public Policy, Georgia Institute of Technology/University of Manchester
Linsey Shariq, PhD Candidate, Civil & Environmental Engineering, UC Davis
Lawrence Siegel, Executive Director, Environmental Water Safety, Safe Water Int'l.
Denis Simon, Vice Provost, Political Science, Arizona State University
Darius Sivin, Industrial Hygienist, Occupational & Environmental Health, United Auto Workers
Amy Slaton, Professor, History & Politics, Drexel University
Paul Slovic, President, Psychology, Decision Research
Andrew Stirling, Professor, Science & Technology Policy, University of Sussex, UK
Virginia Teige, PhD Candidate, Chemistry, UC Berkeley
Tarun Wadhwa, Writer, Researcher & Entrepreneur, Journalist, Technology, International, Development, and Public Policy
Vivek Wadhwa, Fellow, Arthur & Toni Rembre Rock Center for Corporate Governance, Emerging Technologies, Stanford University
John Weber, Director, Institute of the Arts & Science, UC Santa Cruz
Amy Wolfe, Group Leader, Environmental Science, Oak Ridge National Laboratory
Thomas Woodson, Assistant Professor, Public Policy, Stony Brook University
Jan Youtie, Manager, Policy Services, Political Science, Georgia Institute of Technology
Yan Xiang Zhang, Associate Professor, New Media & Science Communication, University Science and Technology of China, P.R. China

Non-UCSB Postdoctoral Scholars/Researchers 2014-15

Mary Collins, Postdoctoral Scholar, Environmental Studies, University of Maryland

Stacey Frederick, Textile Management, Duke University

Lotte Krabbenborg, Postdoctoral Researcher, Humanities & Political Philosophy,
Radboud University, Netherlands

Anton Pitts, Risk Science, Univ. of British Columbia

Christine Shearer, Earth Sciences & Sociology, UCI

Merryn Thomas, Psychology, Cardiff University, UK

Student Participants

UCSB CNS Graduate Fellows 2014-15

Roger Eardley-Pryor, History

Cassandra Engeman, Sociology

Amy Foss, Chicana/o Studies

Matthew Gebbie, Materials

Bridget Harr, Sociology

Ariel Hasell, Communication

Louise Stevenson, Ecology, Evaluation & Marine Biology

Galen Stocking, Political Science

Brian Tyrrell, History

UCSB CNS Graduate Student Researchers 2014-15

Rosie Bermudez, Chicana/o Studies

Clayton Caroon, Global & International Studies

John Decemvirale, History of Art & Architecture

Chloe Diamond-Lenow, Feminist Studies

Karin Donhowe, Economics

Lisa Han, Film & Media Studies

Abigail Hinsman, Film & Media Studies

Zachary Horton, English

Qiao Li, Global & International Studies

Zong (Zach) Miao, Computer Engineering

Lumari Pardo-Rodriguez, Global & International Studies

Caitlin Vejby, Global & International Studies

Rong Yang, Education

Non-UCSB CNS Graduate Students 2014-15

Megan Callahan, Institute for Resources, Environment & Sustainability, University of
British Columbia

Mathew Thomas, Jenkins Collaboratory, Duke University

CENTER FOR NEW RACIAL STUDIES (CNRS)

Director: Howard Winant

Co-Director: John Park

Mission Statement/Goals:

In 2009 a group of University of California faculty located at all ten campuses received a significant grant from the UC Office of the President to launch the University of California Center for New Racial Studies (UCCNRS), a Multi-Campus Research Program. The UCCNRS made its debut in July 2010 and has been offered UC system-wide support for five subsequent academic years (until June 2015). Our Steering Committee includes scholars in the social sciences and humanities, ethnic studies, area studies, public policy, and law.

The mission of the Center is to support innovation in UC-based race/ethnicity research and teaching and to encourage interdisciplinary and collaborative work focused on advancing social/racial justice in an era of changing racial dynamics and persistent racial/ethnic conflict and inequality. While our primary commitment is to establish a research network of UC scholars, we expect to forge links with other academic networks and institutions, as well as non-academic groups that are working on issues of race and racism.

Highlights/Achievements:

During our final year as an MRPI, the UCCNRS provided 22 research grants to UC faculty and graduate students. It also funded five faculty research groups on Native American Arctic Studies, Barriers and Opportunities for Undocumented Students in the UC System, Critical Race Theory and the Health Sciences, Improvisation and Social Movement Mobilization, Developing a Racial Violence Archive, and the State of Latinos in Higher Education. Two anthologies are underway that collect papers and present findings from UCCNRS-funded research projects, and numerous books and articles have been published based on work we supported.

As Director, Howard Winant has taken part in numerous meetings, academic, policy-oriented, and media-based. He is regularly interviewed by news organizations of various type (print, TV, etc.) regarding racial issues, both in the US and abroad.

2014/15 Faculty Grants Awarded:

Stefan Bargheer (UCLA) "Race into Culture: Military Intelligence and the Remaking of the Social Sciences during World War II"

Catherine Bliss (UCSF) "Postcolonial Idioms of Race and Identity in the Genomic Age"

Mitchell Chang (UCLA) "An Examination of Native Hawaiian Migration to the Continental United States"

Mhoze Chikowero (UCSB) "Tool of Empire, Technology of Self-Liberation: Colonial Radio Broadcasting to Africans in Zambia, Zimbabwe and Malawi, 1920s-1980"

Mishuana Goeman (UCLA) "Mapping Indigenous LA: Place Making Through Digital Storytelling"

Grace Kyungwon Hong (UCLA) "Against Domestication: Audre Lorde's Anti-Imperialist Vision"

Bettina Ng'weno (UCD) and Lok Siu (UCB) "Comparative Raciality of Afro and Asian Latin Americans"

Emiko Saldivar (UCSB) "Racial Formations at the End of the Multicultural Turn: The Case of Mexico"

Xiaojian Zhao (UCSB) "New Racial Dimensions in Global Migration: Wenzhou Migrants in Americas, Europe, and Africa"

2014/15 Graduate Student Grants Awarded:

David Baillargeon (UCSB) "Slaving on the Eastern Frontier: Britain, Burma, and the Political Economy of Empire, 1795-1900"

Devin Beaulieu (UCSD) "Savages" in an Indigenous State: Internal Colonialism, Race, and Indigenous Territory in the Bolivian Amazon"

Gregory Burris (UCSB) "Media Intifada: The Globalization of Palestine in Film, Culture, and Consciousness"

Alfred Flores (UCLA) "Little Island into Mighty Base": Land, Labor, and U.S. Empire in Guam, 1941-1972"

Maryam Griffin (UCSB) "Bus Stations and State Formations: The Politics of Public Transportation in Israel/Palestine"

Kyung Hee Ha (UCSD) "Zainichi Koreans in the Era of Global(ized) 'War on Terror'"

Hareem Khan (UCSB) "Modern Skins: Racialized Subjectivities in Postcolonial Mumbai"

Nadeen Kharputly (UCSD) "Institutional Representations of Arab Culture in the United States and France"

Padma Maitland (UCB) "Black Buddhist: The Visual and Material Cultures of the Dalit Movement and Black Panther Party"

Victoria Massie (UCB) "Reconceptualizing Race Through the Transnational Circulation of Genetic Ancestry Testing Information"

Kimberley McKinson (UCI) "Dwelling with the Afterlife of Slavery: Crime, Materiality, and the Aesthetics of Security in Jamaica"

Caroline Ritter (UCB) “The Cultural Project of the Late British Empire in Africa”

Chandra Russo (UCSB) “Solidarity Witness: Disrupting the Racial Logics of the U.S. Security State”

Winter Schneider (UCLA) “Black Liberty: Race Making in 19th Century Haiti”

Center Events:

May 15, 2015

5th Annual Conference

“Global Raciality: Empire, PostColoniality, Decoloniality”

Keynote speaker Vijay Prashad, Trinity College

Presentations by faculty and graduate student grant recipients

At this conference we hosted not only our own grantees, but also students and faculty from the UC system and beyond. Journalists, community activists, and others attended.

UCSB Faculty Participants

Stephanie Batiste, Associate Professor, Black Studies

Julie Carlson, Professor, English

Eve Darian-Smith, Professor, Global & International Studies

Bishnupriya Ghosh, Professor, English

Lisa Hajjar, Professor, Sociology

Mary Hancock, Professor, History

Maryam Kia-Keating, Associate Professor, Counseling, Clinical, & School Psychology

Ann-elise Lewallen, Assistant Professor, East Asian Languages & Cultural Studies

Pei-te Lien, Professor, Political Science

Melissa Morgan, Associate Professor, Counseling, Clinical, & School Psychology

Leila Rupp, Professor, Feminist Studies

Emiko Saldivar, Project Scientist, Anthropology

France Winddance Twine, Professor, Sociology

Cristina Venegas, Associate Professor, Film & Media Studies

Casey Walsh, Associate Professor, Anthropology

Non-UCSB Faculty Participants/Collaborators:

Elizabeth Abel, UCB (English)

Laura Abrams, UCLA (Social Welfare)

Adalberto Aguirre, Jr., UCR (Sociology)

Luis Alvarez, UCSD (History)

Michelle Anderson, UCB (Boalt Hall School of Law)

Anjali Arondekar, UCSC (Feminist Studies)

Neda Atanasoski, UCSC (Feminist Studies)

Paola Bacchetta, UCB (Gender and Women's Studies)

Lisa García Bedolla, UCB (Social & Cultural Studies)

Ali Behdad, UCLA (English)

Martin Berger, UCSC (History of Art & Visual Culture)

Irene Bioemraad, UCB (Sociology)
Maylei Blackwell, UCLA (Chicana/o Studies)
Catherine Bliss, UCSF (Sociology)
Sharon Block, UCI (History)
Michael Brown, UCSC (Politics)
Leah Boustan, UCLA (Economics)
Brandi Catanese, UCB (African American Studies)
Devon Carbado, UCLA (School of Law)
Jennifer Chacon, UCI (School of Law)
Catherine Choy, UCB (Ethnic Studies)
Piya Chatterjee, UCR (Women's Studies)
Leo Chavez, UCI (Anthropology)
Susan Coutin, UCI (Law & Society)
Maxine Craig, UCD (Women & Gender Studies)
Cindy Cruz, UCSC (Education)
Julianna Dearnorff, UCB (School of Public Health, Maternal & Child Health Program)
Guillermo Delgado, UCSC (Anthropology)
Elizabeth DeLoughrey, UCLA (English)
Robin DeLugan, UCM (Anthropology)
Louis DeSipio, UCI (Chicano/Latino Studies)
Michael Dessen, UCI (Music)
Fatima El-Tayeb, UCSD (Literature)
Yen Espiritu, UCSD (Ethnic Studies)
Leobardo Estrada, UCLA (School of Public Affairs)
Keith Feldman, UCB (Comparative Ethnic Studies)
Kevin Fellezs, UCM (History)
Chandra Ford, UCLA (School of Public Health)
Cybelle Fox, UCB (Sociology)
Ross Frank, UCSD (Ethnic Studies)
Jack Glaser, UCB (Goldman School of Public Policy)
Ronald Glass, UCSC (Education)
Shannon Gleeson, UCSC (Latin American & Latino Studies)
Evelyn Glenn, UCB (Ethnic Studies)
Mishuana Goeman, UCLA (Women's Studies)
Phillip Goff, UCLA (Psychology)
Tanya Golash-Boza, UCM (Sociology)
Laura Gómez, UCLA (Law)
Yogita Goyal, UCLA (English)
Alison Guerra, UCSD (Education Studies)
Steven Hackel, UCR (History)
Zoltan Hajnal, UCSD (Political Science)
Ian Haney-Lopez, UCB (Boalt Hall School of Law)
Joseph Hankins, UCSD (Anthropology)
Angela Harris, UCD (Law)
Nigel Hatton, UCM (Literature)
Margo Hendricks, UCSC (Literature)

Inés Hernández-Avila, UCD (Native American Studies)
Ann Hironaka, UCI (Sociology)
Gil Hochberg, UCLA (Comparative Literature)
Hsuan Hsu, UCD (English)
Darnell Hunt, UCLA (Sociology)
Mark Jerng, UCD (English)
Kevin Johnson, UCD (School of Law)
Thomas Joo, UCD (School of Law)
Raha Jorjani, UCD (School of Law)
Susan L. Ivey, UCB (School of Public Health)
Laura Kang, UCI (Women's Studies)
Roshanak Kheshti, UCSD (Ethnic Studies)
Elaine Kim, UCB (Asian American Studies)
Jodi Kim, UCR (Ethnic Studies)
Mariam Lam, UCR (Comparative Literature)
Steven Lee, UCB (English)
Zeus Leonardo, UCB (Graduate School of Education)
April Linton, UCSD (Sociology)
Ignacio López-Calvo, UCM (Literature)
Lisa Lowe, UCSD (Literature)
Reynaldo Macias, UCLA (Chicana/o Studies)
Lilith Mahmud, UCI (Women's Studies)
Sunaina Maira, UCD (Asian American Studies)
Nelson Maldonado-Torres, UCB (Ethnic Studies)
Mark Massoud, UCSC (Politics)
Steve McKay, UCSC (Sociology)
Gabriel Mendes, UCSD (Ethnic Studies)
Rodolfo Mendoza-Denton, UCB (Psychology)
Beth Middleton, UCD (Native American Studies)
Laura Mitchell, UCI (History)
Mino Moallem, UCB (Gender and Women's Studies)
Michael Montoya, UCI (Anthropology)
Mignon Moore, UCLA (Sociology)
Rachel Morello-Frosch, UCB (School of Public Health)
Patricia Morton, UCR (History of Art)
Yolanda Moses, UCR (Anthropology)
Na'ilah Nasir, UCB (African American Studies)
Vorris Nunley, UCR (English)
Osagie K. Obasogie, UCSF (Hastings College of Law)
Dina Okamoto, UCD (Sociology)
Michael Omi, UCB (Ethnic Studies)
David Oppenheimer, UCB (Boalt Hall School of Law)
Michael Orosco, UCR (Graduate School of Education)
Lorena Oropeza, UCD (History)
Janet O'Shea, UCLA (World Arts & Cultures)
Rachel O'Toole, UCI (History)

Jann Pasler, UCSD (Music)
Andrew Penner, UCI (Sociology)
Rafael Pérez-Torres, UCLA (English)
Howard Pinderhughes, UCSF (Social and Behavioral Science)
Eric Porter, UCSC (American Studies)
Nancy Postero, UCSD (Anthropology)
Gautam Premnath, UCB (English)
Dylan Riley, UCB (Sociology)
Robert Romero, UCLA (Chicana/o Studies)
Rosaura Sanchez, UCSD (Literature)
Otto Santa Ana, UCLA (Chicana/o Studies)
Saul Sarabia, UCLA (School of Law)
Scott Saul, UCB (English)
Vanita Seth, UCSC (Politics)
Ingrid Seyer-Ochi, UCB (Graduate School of Education)
Shu-mei Shih, UCLA (Comparative Literature)
Marjorie Shultz, UCB (Boalt Hall School of Law)
Sandra Smith, UCB (Sociology)
Sarah Song, UCB (Political Science)
Shannon Steen, UCB (Theater, Dance, and Performance Studies)
Brenda Stevenson, UCLA (History)
Katherine Tate, UCI (Political Science)
Jennifer Terry, UCI (Women's Studies)
Charis Thompson, UCB (Gender & Women's Studies)
Katrina Thompson, UCLA (Applied Linguistics)
Olga Vásquez, UCSD (Communication)
Bryan Wagner, UCB (English)
Geoff Ward, UCI (Law & Society)
Georgie Warnke, UCR (Philosophy)
David Wellman, UCSC (Community Studies)
Traise Yamamoto, UCR (English)
Lisa Yoneyama, UCSD (Literature)
Maria Zarate, UCI (Education)
Pat Zavella, UCSC (Latin American and Latino Studies)
Elana Zilbert, UCSD (Communication)

EAST ASIA CENTER (EAC)

Director: Michael Berry

Mission Statement/Goals:

We organize and sponsor lectures by visiting scholars, film screenings, and other activities on campus. We also administer a small travel grant program for graduate students once per year. We sponsor the affiliation of postdoctoral scholars who wish to spend a year at UCSB with their own funding.

Highlights/Achievements:

- 1) Brought six leading film directors to campus for screenings and panel discussions
- 2) Sponsored or co-sponsored five scholarly lectures
- 3) Co sponsored one international conference and one workshop
- 4) Sponsored one visiting scholar
- 5) Awarded eight \$300 travel grants to graduate students

Center Events

During the 2014-2015 academic year, the UCSB East Asia Center (EAC) sponsored a series of events that brought a series of scholars and cultural figures to campus. In the Fall quarter, EAC brought a group of four filmmakers from China to campus for a mini-film festival highlighting the work of Wu Wenguang's Memory Project. This multi-day event included screenings of documentary films by Wu Wenguang, Zhang Mengqi, Li Xinmin, and Zou Xueping, panel discussions, post-screening Q & A sessions, and even a performance art piece. The Memory Project uses oral history, documentary film, dance and performance art to document the Great Famine in China of 1958-1962 and open up new avenues for understanding modern Chinese history. During the Winter Quarter, the EAC hosted British documentary film director Matthew Thorne, who screened his documentary film *Lessons in Dissent*, about student protests in Hong Kong and engaged in an extended dialogue about the film and the 2014 Umbrella Revolution in Hong Kong. Professor Hu Ying from UC, Irvine delivered a lecture on "Burying Nie Zheng's Bones: The Making of Martyrs in 1911 China." During the Spring quarter, award-winning filmmaker and Nanjing University Professor Yishu Yang presented her film *One Summer* and also gave a special lecture on "The Cultural Revolution in Film."

In addition to these core events, EAC also co-sponsored numerous other events, including the lectures by Haicheng Wang (University of Washington) on "Writing and the Ancient State," Alfreda Murck (Independent Scholar) on "Sancification of Mangoes: Symbol Creation in the Cult of Mao Zedong," Anne Allison (Duke University) on "Greeting the Dead: Managing Solitary Existence in Japan," Amy Stanley (Northwestern) on "Maidservents' Tales: Domestic and Comparative Histories of Women in Early Modern Japan," and Katarzyna Cwierka (Leiden) on "The Afterlife of Tokyo's Landfills." The EAC also co-sponsored the international conference "War and Remembrance: Cultural Imprints of Japan's Samurai Age" and the interdisciplinary workshop "Child's Play: Mult-Sensory Histories of Children and Childhood in Japan and Beyond." In addition to lectures and conference sponsorship, the EAC also hosted an information session for undergraduates interested in the Hopkins-Nanjing Center and awarded Graduate Student Travel Grants in the amount of \$300 each to a total of eight UCSB graduate students engaged in research on East Asia. Through scholarly lectures, dialogues with artists and filmmakers, and graduate student funding, the EAC has continued to bring the cultural life of East Asia to life for the larger UCSB community.

UCSB Faculty Participants:

East Asian Languages and Cultural Studies: Akiyo Cantrell; Bella Shu-chuan Chen; Sabine Frühstück; Daoxiong Guan; Jennifer Chuan-chen Hsu; Xiaorong Li; John W.

Nathan; Hyung Il Pai; Fabio Rambelli; Katherine Saltzman-Li; Kuo-ch'ing Tu; Yoko Yamauchi; Mayfair Mei-hui Yang; Hsiao-Jung (Sharon) Yu; Xiaowei Zheng
Ecology, Evolution and Marine Biology: Peter Chaillé; Peter Collins
Communication: Howard Giles
Dramatic Arts: Suk-young Kim
Economics: Chenzong Qin
English: Yunte Huang; Shirley Geok-lin Lim
Gevirtz Graduate School of Education: Mary E. Brenner; Hsiu-zu Ho; Yukari Okamoto
Global Studies: Richard Appelbaum
History: Anthony Barbieri-Low; Tsuyoski Hasegawa; Xiaobin Ji
History of Art and Architecture: Peter Charles Sturman; Miriam Wattles
Library, East Asian Collections: Cathy Chiu; Seiko Y. Tu
Linguistics: Patricia M. Clancy; Charles N. Li; Sandra A. Thompson
Political Science: M. Kent Jennings, Pei-te Lien
Psychological and Brain Sciences: Julie Rodgers
Religious Studies: Jose Ignacio Cabezón; Greg Hillis; William F. Powell; Mayfair Mei-hui Yang;
Sociology: Mark Juergensmeyer

Non-UCSB Faculty Participants/Collaborators:

Angela Boyd
Gary A. Colmenar
Susan Chan Egan

MESOAMERICAN RESEARCH CENTER (MARC)

Director: Anabel Ford

Mission Statement

The MesoAmerican Research Center seeks to develop a broad understanding of the people, cultures, and environment of the greater Mesoamerican region of Mexico and Central America. Research of the center has emerged in the context of Anthropology and Archaeology, yet is wholly interdisciplinary in focus. The MesoAmerican Research Center continues to maintain its focus on the Maya forest and the broad fields of study in the region.

Highlights/Achievements

Work has proceeded focused on the donated LiDAR. Research focuses on settlement patterns and land use of the ancient Maya and implications for the conservation of the Maya forest today. Dr. Ford presided over and presented with a symposium on Traditional Ecological Knowledge at the University of Uulu Finland in conjunction with the Society for Ecological Restoration, was a discussant at the Symposium on Ceramic Ecology at the American Anthropological Association annual meetings and discussant for the symposium honoring Scott Fedick. In addition, Dr. Ford collaborated with the Centro Universitaria de El Peten, CUDEP, in a celebration of the 50th anniversary of the Tikal Map.

Dr. Anabel Ford along with Ronald Nigh published the book *The Maya Forest Garden: Eight Millennia of Sustainable Cultivation of the Tropical Woodlands*.

Center Events:

August 21, 2014

La Selva es mi Casa – The Jungle is my House

October 6, 2014

Using Cutting-edge LiDAR at El Pilar Belize-Guatemala – There is still a need for Archaeologists

December 11, 2014

The Ancient Maya and their Forest: A Co-Creative Landscape

January 25, 2015

El Pilar featured at the Santa Barbara Community Seed Swap

May 5, 2015

Celebration of 50 Years of the Tikal Map, Peten Guatemala. Collaboration with Centro Universitaria de El Peten, Sta Elena, Peten Guatemala.

UCSB Faculty Participants/Collaborators

Tom Brittnacher (Geospatial Data Curator, Library)

Keith Clarke (Professor, Geography)

Gary Colmenar (Associate Librarian, Humanities/Social Sciences, Library)

John Damuth (Research Biologist, Biology)

Greg Janee (Specialist, Earth Research Institute)

Michael Kim (Head, Cataloging and Metadata Services, Library)

Susan Mazer (Professor, Evolutionary Biology)

Frank Spera (Professor, Earth Science)

Amber VanDerwarker (Professor, Anthropology)

Non-UCSB Faculty Participants/Collaborators:

Connie Christensen, California State University, Channel Islands

Macduff Everton, Photographer

Jane Goodall, Conservationist

Clarissa Guggenheim, Photographer

Sandro Teck, Painter

Narciso Torres, Forest Gardener

Alfonso Tzul, Maya Forest Gardener

SPECIAL PROGRAMS

July 1, 2014-June 30, 2015

Automated Vital Statistics System (AVSS)

Director: Ron Williams

Mission Statement/Goals:

The Health Data Research Facility's primary objective is the continued development and operation of the University's Automated Vital Statistics System (AVSS). The goal is to collect and disseminate electronic vital records data that can be used throughout California as a source of information to improve public health.

Center Events:

The Health Data Research Facility (HDRF) provides information technology to hospitals, local health departments, and to the California Department of Public Health. This enables state and local health agencies to access electronic databases containing all birth certificates that have been registered in California since 2000. The databases constitute the principal source of information for the reporting of California birth data to the National Center for Health Statistics (about 1 in 8 US births). Electronically matched birth and infant death certificates from AVSS are also the source of an annual "birth cohort file" that has been used historically by researchers throughout the state for important epidemiological studies.

Highlights/Achievements:

Now operational in over 300 health facilities throughout the state, AVSS collects, disseminates, and reports a large volume public health data. AVSS is used to produce paper birth certificates and, in so doing, creates databases containing over 8 million records. These databases are then used by local, state, and federal statistical agencies to monitor important public health trends.

AVSS continues to collect all-electronic data items that, prior to 2007, were considered too controversial (such as maternal weight gain or the use of tobacco) to be reported on the paper birth certificate. Capturing this information electronically has made it possible to acquire and study these important maternal and infant risk indicators for the first time in California. We continue to report on the rates of completeness of the new variables and make them available online to hospitals and local health departments. The information is used by our collaborators at the California Department of Public Health when hosting workshops for hospital staff to communicate the importance of complete and accurate reporting. Empirical evidence strongly indicates that these activities have had a positive impact on the quality and completeness of the new risk indicators.

HDRF staff is currently participating in the California Department of Public Health's Certificate Revision Workgroup. The goal of this organization is to study and make

recommendations on the need to revise birth, death, and fetal death certificates by adding new indicators and deleting those that are no longer needed.

UCSB McNair Scholars Program

Director: Beth Schneider

Assistant Director: Monique Limón

Program Coordinator: Micaela Morgan

Mission Statement/Goals:

The UCSB McNair Scholars Program is fully funded by the offices of the Executive Vice Chancellor, the Letters of Sciences Executive Dean, and the L&S divisional deans, with commitments to continue through the end of September 2018. The McNair team will enter the national competition for federal support from the Department of Education in its next funding cycle in 2017. The McNair team also secured a gift from Edison that supports research activities of low-income STEM students.

The goals of the UCSB McNair Scholars Program remain consistent with the national program, despite lack of current funding from the Department of Education. The program is intended to promote entrance into doctoral studies for first-generation, low-income undergraduates and/or students under-represented in graduate study. The program remains available for students in all majors on the UCSB campus. Students in the McNair Scholars Programs have the opportunity to undertake two years of faculty mentored research and participate in seminars and workshops, which prepare students for entrance to graduate school.

The UCSB-specific goals for the recipients of the McNair Scholarships include: 100% of McNair Scholars participating in a minimum of one faculty mentored research experience; 100% of McNair participants presenting their research at a minimum of two research symposia; 100% of active McNair participants in their senior year applying to post-baccalaureate programs prior to receiving their bachelor's degree; 75% of bachelor degree recipients enrolling in a post baccalaureate program by the fall term of the academic year immediately following completion of their degree.

Highlights/Achievements:

Recruitment: Under the direction of Director Beth Schneider and Assistant Director, Monique Limón, the McNair Scholars Program completes its seventh year on September 30, 2014. Transfer students are recruited in the Fall of each academic year; rising juniors are recruited each spring quarter. In 2013-2014 (through Summer 2014), students in the program majored in the following areas: Anthropology, Biology (MCDB), Black Studies, Chemical Engineering, Chicana and Chicano Studies, Classics, Computer Science, Earth Science, Economics, Environmental Studies, Feminist Studies, Global Studies, History, History of Public Policy, Latin American and Iberian Studies, Linguistics, Mathematics, Physics, Political Science, Psychology, Sociology, and Spanish.

UCSB McNair Scholars Research Journal: The 4th volume of the McNair Scholars Journal was published in Spring quarter 2014. It contains the work of two juniors and six students who graduated in 2014 and represents the wide range of fields in which the students major. The journal is on line at: <http://mcnair.ucsb.edu/journal.html>.

Participation in Summer Research Programs and Student Presentations: McNair Scholars undertake their first summer of research with UCSB faculty. In their second year, students may remain at UCSB for a second year of faculty-mentored research or they have the opportunity to take part in a second summer research experience with faculty at universities around the United States in undergraduate research programs seeking low-income, first generation or underrepresented students. The chart below provides information about the year, number of students, and locations of UCSB McNair Scholars in summer programs elsewhere in the U.S. for 2009 through 2014. In 2014, 6 students from the following locations were participants in the McNair Scholars summer program: Illinois-Chicago; Illinois-Urbana, Campaign; Johns Hopkins; New Mexico (2); Stanford.

In Spring Quarter 2014, all McNair participants offered poster presentations at the UCSB Undergraduate Research Colloquium organized by the Undergraduate Research and Creative Activities Office of the College of Letters and Sciences. McNair Scholars also offered oral presentations at the McNair Scholars Research Symposium in August 2014.

Faculty Mentors: In addition to Dr. Schneider (Sociology), faculty members who served as mentors include the following:

Ralph Armbruster-Sandoval (Chicana and Chicano Studies); Aaron Blackwell (Anthropology); Mary Bucholtz (Linguistics); Hector Cenicerros (Mathematics); Richard Durán (Education); Diana Franklin (Computer Science); Debora Fygenon (Physics); Ralph Gallucci (Classics); Barry Giesbrecht (Psychological and Brain Sciences); Craig Hawker (Chemistry); Matthew Helgeson (Chemical Engineering); Chen Ji (Earth Science); Jennifer King (Geography); Todd Kippin (Psychological and Brain Sciences); John Lew (MCDB); George Lipsitz (Black Studies and Sociology); Jamey Marth (MCDB); Fermin Mosconodo del Prado Martin (Linguistics); Mireille Miller-Young (Feminist Studies); David Novak (Music); Laury Oaks (Feminist Studies); Javier Read de Alaniz (Chemistry and Bio-Chemistry); Norbert Reich (Chemistry); Victor Rios (Sociology); William Robinson (Sociology); Heather Royer (Economics); Leila Rupp (Feminist Studies); Emiko Saldivar (Anthropology); Scott Shell (Chemical Engineering); Steven Smith (Counseling, Clinical and School Psychology); Stuart Smith (Anthropology); Tom Soh (Engineering); Gabriella Soto-Laveaga (History); Jon Sonstelie (Economics); Jeffrey Stopple (Mathematics); Amber VanDerwarker (Anthropology); John Woolley (Political Science); John Yun (Education).

Facilities: During 2013-14, the McNair Scholars Program, located in Building 477, continued to work out of 6 rooms (five offices and one student computer-lab and conference room).



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Research in Progress
2014-2015

www.isber.ucsb.edu

RESEARCH IN PROGRESS

July 1, 2014 – June 30, 2015

ALAGONA, PETER, Principal Investigator

CAREER - A Sanctuary for Science: The University of California's Natural Reserve System and the Role of Biological Field Stations in American Environmental History, 1950-2010
National Science Foundation

SES-1055743/UCSB 20141529

07/15/11 – 06/30/16

\$400,484

How have biological field stations shaped American environmental science and politics since World War II? The project seeks to answer this question through a historical study of the University of California's Natural Reserve System (UC NRS)—the largest and most diverse network of field stations administered by any academic institution in the world.

Science studies scholars have long focused on laboratories as spaces for the production of knowledge. Research on field sites has remained more limited in scope, and most work has focused on the period from 1890 to 1940. This project proposes that, despite this lack of scholarly attention, biological field stations have played crucial roles in environmental science and politics since World War II. Field stations constitute the “missing masses”—present but unaccounted for—in the literature on American environmental history. The following proposal describes a five-year plan to investigate this story through archival and oral history research at the UC Natural Reserve System. The project will produce a series of articles that explore the history of the NRS, and the role of field stations more generally, in American environmental history and the history, philosophy, and social studies of science. I will also complete a book manuscript, based on these experiences that will explore theoretical and methodological problems related more generally to the study of environmental change.

This project integrates research and teaching through a series of collaborative learning activities. Undergraduate and graduate students will enroll in a new field seminar, entitled Field Studies in Environment and History, and build their research skills through internships, trainings, workshops, and tailored mentoring programs. They will also have the opportunity to contribute to the larger project by joining the research team. Each year, the research team will assist in the completion of a new case study focused on a different UC field station. The teams will conduct original research, survey primary sources, and collect materials that will contribute to a new UC Natural Reserve System Archive. The archive will preserve important historical documents, and facilitate further research and teaching programs central to the UC and NRS missions. The project's four components—research, teaching, outreach, and archival conservation—are thus inseparable.

AMEERIAR, LALAIE, Principal Investigator

Downwardly Global: Recolonizing Immigrant Bodies in the Age of Multiculturalism

Woodrow Wilson National Fellowship Foundation

SB150002/UCSB 20141294

06/01/14 – 06/30/15

\$30,000

I will devote the Woodrow Wilson Fellowship year to completing my first book, Downwardly Global Re-colonizing Immigrant Bodies in the Age of Multiculturalism, which examines the transnational labor migration of Pakistani Muslim women immigrants and their subsequent unemployment in the global economy. Previous research in this field has documented the ways “foreign” credentials and work experiences are devalued subsequent to migration (Akbari, 1999; Basran and Li, 1998). What remains largely unacknowledged within this scholarship, and within government policy, is the correlation between the nature of and the availability of work for racialized Muslim immigrant workers, and the sustained perception of those workers as unsuited to such employment due to the fact of their foreignness. This project addresses this absence by analyzing the set of detailed case studies I have compiled on the attempt to integrate diasporic Pakistani Muslims in the city of Toronto. This project builds on ethnographic fieldwork including over 100 in-depth interviews with immigrant women, governmental officials and local activists, and participant observation fieldwork. Toronto offers an ideal lens through which to address pressing questions regarding the nature and state of immigrant labor. This is a city where almost half the population (45.7%) is foreign born (compared to 23% in New York) yet it remains a largely underexplored “global city.” Since September 11, there has been an intense anti-Muslim sentiment and increasing violence against Muslims throughout the Western world. This research utilizes the particulars of the immigrant experience in Toronto to distill the problematic and inherently damaging issues confronting racialized Muslim immigrants throughout North America.

APPELBAUM, RICHARD, Principal Investigator

Nanotechnology in the Mexican Industrial Policy. A Comparative Methodological Framework

UC Mexus

SB150011 / UCSB 20141007

07/01/14 – 12/31/15

\$12,239

The project aims to elaborate a methodological framework capable of analyzing nanotechnologies public policies in specific countries. It will rely on the case of Mexico, where the UED-UAZ group has done extensive research on related nanotechnology topics. Nevertheless, the approach of the research will be comparative, including U.S., China and Brazil. The U.S. and China nanotechnology public policies have already been studied by the CNS-UCSB group. Brazil is the leading country in Latin America in nanotechnology development, and therefore useful to take into account both because of its wide public policies instruments, and because substantial information is already available for the purpose of this research. Once we elaborate the framework vis-à-vis the Mexican data, we will have a strong instrument to apply to other cases in future research projects.

Several Science and Technology policies are internationally applied, but each country develops specific instruments and has unique characteristics that require an individualized research approach. Developing a comparative analysis will give us a broad methodological instrument, capable of being applied to other countries in the future. Nanotechnologies, as other advanced technologies, are spearheading innovation, and well-informed public policies are key to reaching expected outcomes.

BARANDIARAN, JAVIERA, Principal Investigator

Incredible Government: Law, Environment and Science in post-Pinochet Chile

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS16BJ

07/01/14 – 06/30/15

\$7,040

In May last year Chile's satirical newspaper, The Clinic, named after the clinic where former dictator Augusto Pinochet was detained in London, published two articles side-by-side that exemplify Chileans' changing environmental attitudes.¹The Clinic's writers were reflecting on enormous social protests against a large hydroelectric dam project. On one page, an article attributed opposition to working class citizens who saw the dams as part of an inequitable growth model, and called for a parody pro-dams demonstration. From their exclusive Santiago neighborhood, the dams' rich supporters would take taxis to the presidential palace downtown to avoid getting lost. Some columns over, another journalist compared these protests with opposition to a 1990s dam project that devastated an indigenous community. In his article, he berated upper class environmentalists interested in protecting their adventure wonderland for kayaking and mountaineering, without concern for poor people's interests in the land. In a highly unequal country like Chile, are environmentalists upper or lower class? Or does environmental concern cut across ideological and class lines, as some opinion surveys suggest? And how have these attitudes changed in the past two decades since the return of democracy?

BELTZ, GLENN, Principal Investigator

CASTELLANOS, MARIO, Co-Principal Investigator

MESA Engineering Program (MEP) 2014-2015

UC Office of the President: UC MESA

14-MEP-09/UCSB 20150683

07/01/14 – 06/30/15

\$10,000

The MESA Engineering Program (MEP) at UCSB maintains its commitment to provide guidance, leadership, and skills for MEP students to succeed academically, socially, and professionally. Our ultimate goal is for MEP students to become active alumni, having successfully navigated through a baccalaureate degree (or graduate degree), connecting with corporate and alumni mentors, and starting a STEM career. With economic challenges (including loss of jobs), academic demands, and ever-increasing competition and changes in the workforce (including impacted fields), families face major obstacles in supporting their students to pursue and attain college degrees, particularly in arduous STEM fields.

One way that educationally challenged and hard-working MEP students (and their families, including future college students) can be supported is for the UCSB MESA Engineering Program to fortify the pipeline by continuing its support for undergraduates – helping to

provide crucial retention momentum to the baccalaureate. With limited funds, the UCSB MEP provides students with opportunities for academic and social guidance, study skills, mentor and tutoring support, leadership training, industry connections, goal attainment recognition, and tangible resources including books on loan, scholarships, professional conferences, and academic-career support opportunities.

UCSB's MEP Center will continue its effort to encourage a smooth connection and transfer for MESA students from community college to (and through) UCSB. The Central Coast Regional Alliance was started in 2011-12 and continues with members from UCSB, Allan Hancock Community College, Santa Barbara City College, and Ventura College MESA Programs (MCCPs), in addition to Oxnard College's STEM Center. This alliance provides a MESA partnership-pipeline or network approach to serving our collective students and to leveraging resources efficiently. With MESA Statewide's encouragement, this alliance is being revitalized and will include focusing on and Hispanic Serving Institution efforts at each of our campuses, and corporate partnering.

BELTZ, GLENN, Principal Investigator
CASTELLANOS, MARIO, Co-Principal Investigator

UCSB 2014-2017 MESA Schools Program

UC Office of the President: UC MESA

14-MSP-17/UCSB 20141258

07/01/14 – 06/30/15

\$200,000

UCSB's MESA vision is to promote inclusive and adaptive initiatives and strategic collaborations and partnerships with university, school, community, industry, and educationally supportive programs so that more educationally underserved students are inspired to pursue, persist, and achieve math, science and engineering qualifications and careers. The UCSB MESA programs continue to evolve in response to and collaboration with education policies, school districts, school site administrators, advisors, MESA segmental partners, and other partnering programs. UCSB MESA remains a prominent and popular program and partner, in tune with the increasing demands for academically prepared and college-oriented students (particularly in STEM fields). Overcoming challenges, UCSB MESA has adapted and succeeded for more than 35 years.

UCSB'S MESA strategic three-year goals for 2014-2017 will be to (1) Recruit, retain, and advance targeted MESA students to be motivated, informed, experienced, academically prepared, confident, and deliberate in their successful pursuit of a STEM college degree and profession; (2) Challenge and involve students in pursuing STEM careers that are intellectually, culturally and ethically fulfilling. Through increased involvement, commitment and momentum, student's academic and career pursuits will become noticeable worthwhile investments of themselves, their families, and their communities – hence, escalating support for current and future MESA student; (3) Challenge and support MESA Advisors to invest in students' STEM success to an extent that enhances their own learning, classroom teaching, peer influence, commitment to education, and MESA advisorship; and (4) Inspire and sustain parents who, as STEM Career-and-College Advocates, are informed, resourceful, and committed education consumers for their children, family and community.

BERGSTROM, THEODORE, Principal Investigator
GARRATT, RODNEY, Co-Principal Investigator

Bone Marrow Registries and Donor Motives

National Science Foundation

SES-0851357/UCSB 20090215

08/15/09 – 07/31/14

\$400,000

In a recent paper, “One chance in a million: Altruism and the Bone Marrow Registry” [7], we studied the economics of voluntary donations of stem cells through the U.S. National Marrow Donor Program. The current proposal pursues two strands of research motivated by the earlier study. One strand studies the “game” induced by international sharing of stem cells between government financed national registries. We will attempt to explain dramatic differences in the sizes of national registries and we will investigate cooperative arrangements that could lead to a more efficient global registry. The second strand explores the nature of human altruism by investigating the motives of bone marrow registrants.

BORIS, EILEEN, Principal Investigator

Enforcement Strategies for Empowerment: Models for the California Domestic Worker Bill of Rights

UCLA Institute for Research on Labor & Employment

BEIRLE

07/01/14 – 06/30/15

\$10,000

Following New York and Hawaii, the California legislature passed a Domestic Worker Bill of Rights (DWBOR) in 2013. It builds upon prior wage and hour orders for household workers that, like the federal law, excluded certain groups of caregivers (and does not include In-Home Supportive Service Workers who come under the welfare law). Unlike bills in other states and the ILO’s instruments on “Decent Work for Domestic Workers,” California’s DWBOR only covers overtime pay for nannies and personal care attendants who work more than a nine-hour day, providing that such care makes up 80% or more of their duties for workweeks of more than 45 hours. Violation of this standard is a misdemeanor, reportable to the California Division of Labor Standards Enforcement. The bill also mandates a gubernatorial commission to study the impact of the law on personal care attendants and their employers. Subsequently, in July 2014, Massachusetts enacted the most comprehensive regime of rights and enforcement, building on its inclusion of private household workers under its wage and hour law. DWBOR are pending in Connecticut and Illinois. The California law alone has a sunset provision of January 2017, prior to which the legislature may reconsider the terms and extent of its provisions.

Domestic workers and their employers, labor advocates and the general public, have a stake in ensuring a robust labor standards regime to enhance the quality of care across the generations. In collaboration with the California Domestic Worker Coalition and the National Domestic Worker Alliance, I propose a convening of representatives from the various stakeholder groups--domestic workers, activists, advocates, researchers, employers, and state officials--to share what is known about the workings of the various DWBORs and other labor standard laws, including the costs and benefits of enforcement; what kinds of enforcement and education mechanisms make sense for California; and what

kind of additional provisions are required to raise conditions in the industry, improve the quality of care, and empower the workforce in its quest for rights and recognition.

BUCHOLTZ, MARY, Principal Investigator

Latina/o Youth Expertise and Identity Development in Social Interaction

UCSB: ISBER Social Science Research Grant Program (SSRGP)

S16BM

07/01/14 – 06/30/16

\$8,000

The project seeks to answer the following question: Does social interaction linking different forms of young people's expertise across the boundaries of their everyday social settings promote positive identity development and academic achievement? The study draws its theoretical foundation from research on language and social interaction. Recognizing that social interaction is central to social settings, the study examines a key interactional practice, enactment of expertise, as a potential factor in youth identity development within and especially across settings. Expertise is theorized from this perspective not as an individual cognitive capacity but as an interactional identity achievement that requires both the positioning of the self and ratification by others. In conventional educational contexts, it is rare to find interactional enactments of expertise that transcend the ideological boundaries between settings. Yet such interactional moments may hold the key to understanding how to help youth gain a sense of themselves as highly knowledgeable linguistic and cultural experts in multiple domains and settings.

The project overcomes this logistical problem by leveraging the unique opportunity offered by an innovative multisited academic preparation program directed by the PI. The study uses qualitative interactional video analysis as well as quantitative measures of youth outcomes to investigate the research question. It thus advances the social-scientific understanding of identity as flexible, relational, and interactionally constituted within social contexts. At the same time, the project seeks to improve youth-serving institutions and programs by documenting youth expertise and identity development in academic, home, peer, and community settings.

CASILLAS, DOLORES INÉS, Principal Investigator

Do-It-Yourself Spanish: An Analysis of Media Interventions in Language Learning

UCSB: Academic Senate

CDACAI

06/01/13 – 08/31/14

\$5,131

A host of language learning media tools explicitly market themselves as necessities for the “new” global economy, often correlating bilingualism with economic opportunities. Ironically, while bilingual education holds a precarious existence in several states’ public schools, private companies have lucratively capitalized by offering a host of language learning options to adults. Computer software, specialized courses, DVD sets and pocket texts are designed to teach a second language, help erase or gain native “accents,” and/or learn shorthand phrases. Indeed, interest in learning the languages of Spanish and English have spurred two of the fastest growing companies: Rosetta Stone and Ingles Sin Barreras. Both companies are also routinely referenced within English and Spanish-language popular culture, evident of their effective branding on television (infomercials, commercials) and

visibility in marketplaces (e.g., flea markets for Ingles Sin Barreras, airports for Rosetta Stone). This market has burgeoned since the early 1990s, in tandem with public sentiments and debates over the place of immigrants and English-Only propositions.

This project aims to document how language learning has largely shifted from school sites to popular, at-home, and at times, social sites of media. Specifically this project uses the recent post 1990s success of Rosetta Stone and Ingles Sin Barreras to: a) compare and analyze their media market campaigns, b) Investigate how their learning methods are framed (“Do-It-Yourself” and “in the privacy of your home”), and c) investigate the motivations behind consumer’s interests in Spanish or English. Broader considerations such as shifts in workplace economies, attitudes towards immigrants and travel, as well as other facets of the larger economic and political motivations behind second language learning acquisition guide this project. Preliminary research and analysis done on their media campaigns of 2010 and 2012 indicate that both companies use overt discourses of “opportunity” steeped in issues of race, class, and place (travel, migrate) to pitch learning Spanish (Rosetta Stone) and learning English (Ingles Sin Barreras).

CASTELLANOS, MARIO, Co-Principal Investigator

BELTZ, GLENN, Principal Investigator

Engineering is for Women: Building Excitement, Sustaining Enthusiasm

Engineering Information Foundation

EiF14.07 / UCSB 20150240

12/01/14 – 11/30/15

\$15,141

Women have made great strides in many STEM fields in the past several decades. However, that progress has not been even across fields, and women remain seriously under-represented in engineering fields. While women in fields in the biological sciences, for example, were about 48% of the work force in 2013, in Engineering fields, women made up only 13% of the work force. That is a significant increase over the less than 1% of women engineers in 1960, but there is much room for growth. In fact, not only is there room for growth, the number of women studying in the fields of engineering has plateaued. This suggests that we need to do more to encourage women and reduce obstacles to engineering careers.

Several studies have found important factors that discourage women from pursuing engineering degrees. For young girls, some of the most significant obstacles are stereotypes that negatively impact girls’ aspirations (such that women are not as good at math and science-oriented subjects—especially physical science—as are men, and that women who are good in these subjects are less likeable, less attractive than other women), and poor self-assessment and unrealistic high standards regarding their math abilities. These problems can be particularly acute for the low-income students whose parents do not have college degrees. These students tend not to have clear understanding of what an engineering career entails, have not yet learned how exciting and socially productive engineering can be (which is particularly important to females), and they lack role models who can combat the stereotypes and provide inspiration and guidance.

The University of California Santa Barbara's (UCSB) Mathematics, Science, Engineering Achievement (MESA) program, in collaboration with UCSB's Women in Science and Engineering (WiSE) and the Santa Barbara Chapter of the Society for Hispanic Engineers (SHPE), proposes a pilot program to help mitigate this problem by providing specialized, year-long outreach to low-income, first-generation, college-bound middle school girls. The program goals are to: 1) Inspire participants to aspire to engineering careers; 2) Counter negative stereotypes that inhibit girls from pursuing engineering careers; 3) Promote a "growth mindset" that will help participants to succeed academically and persevere on an engineering career path; and 4) Increase family support that will provide help and encouragement throughout their schooling and college preparation into careers.

CASTELLANOS, MARIO, Principal Investigator

LUCAS, GLENN, Co-Principal Investigator

Ascension: Articulating STEM Cooperatives to Enhance Needs, Success, Integration, Outcomes and Networking

Ventura County Community College District

P031C110025/UCSB 20111196 10/01/11 – 09/30/16 \$1,100,245

UCSB Office of Academic Preparation (OAP), specified herein, will work collaboratively with Oxnard College, and other partner institutions, to support the goals of the HSI-STEM grant to facilitate increased student success in high school and increased participation among Hispanic/Latino students in higher education.

CHARLES, MARIA, Principal Investigator

GSE/RES: Who Likes Math? International Trends among Eighth Grade Girls and Boys

National Science Foundation

HRD-1036679/UCSB 20101184 10/01/10 – 09/30/14 \$132,335

This project investigates the attitudinal and cultural factors that support sex segregation of scientific, technical, engineering, and mathematical (STEM) fields. Survey data from 59 countries at four time points will be used to address the following questions: How have eighth-grade boys' and girls' attitudes toward mathematics changed between 1995 and 2007? How do these attitudes vary across countries? And how is the gender composition of engineering degree programs affected by adolescents' attitudes toward mathematics?

Gender equality is sometimes found in unexpected places. This is nowhere more evident than in the gender composition of STEM, specifically women's strong representation in these fields in many reputedly gender-traditional developing and transitional societies. The higher levels of sex segregation in advanced industrial labor markets and educational systems are partly attributable to structural features, including their large service sectors and highly diversified curricula. But evidence is growing that modern forms of sex segregation also reflect conscious choices by girls and women to avoid mathematically-intensive physical science and engineering fields in favor of pursuits that are regarded as more human centered. Using descriptive trend analyses and multivariate, multilevel modeling, this research will investigate (1) international trends in adolescents' attitudes toward mathematics, (2) the conditions under which girls and boys develop more positive

attitudes toward mathematics, and (3) the process by which gender-differentiated attitudes are translated into sex-segregation of engineering degree programs. Three attitudinal dimensions will be considered: affinity toward mathematics, valuation of mathematical skills, and self-confidence in mathematics. Attitudinal data are taken from four waves of the Trends in International Mathematics and Science Survey (TIMSS). Central research hypotheses are that girls' attitudes toward mathematics will be less positive and more gender-differentiated in advanced industrial countries, and that attitudes toward mathematics will better predict women's share of engineering degrees in advanced industrial than in transitional or developing countries. These hypotheses derive from theoretical arguments about the declining salience of existential security and the rise of cultural mandates for self-expression in affluent societies.

CHARNESS, GARY, Principal Investigator

Philanthropy and Identity: Testing Three Philanthropic Mechanisms in the Laboratory
University of Chicago

FP049716-V / UCSB 20150017

7/1/14 – 8/31/15

\$50,000

There seems to be considerable scope for mechanisms to increase philanthropic contributions by giving would-be donors information about what other people have contributed. However, it is not yet clear what might be the most effective manner by which to harness the potential underlying willingness to contribute. One avenue that has been explored to a degree offers is a sense of group membership, potentially provided by giving social information. Billig and Tajfel (1973) find that even with minimal groups (formed using a very modest sense of identity), group membership has strong effects on the allocations chosen for in-group and out-group members. Charness, Rigotti, and Rustichini (2007) extend this to a strategic environment and observe major effects of group membership on choices made in two experimental games. Chen and Li (2009) find that, in the aggregate, participants show a 47% increase in charity concerns when they are matched with an in-group member rather than an out-group member.

Thus, there is ample reason to believe that providing information that someone from one's own "group" has made a (large) charitable contribution would have a substantial beneficial effect on one's own charitable contribution. However, to the best of my knowledge there has been no research on the effect of strengthening a sense of identity between a would-be donor and a charitable organization. This would appear to have a great deal of potential for increasing donation rates. The contribution of this project is that it would be the first to harness the power of group-membership and identity in the service of charitable contributions. In addition, I am not aware of any study that considers the interaction between seed money and identity effects. I will be conducting a series of experiments designed to test this interaction. I plan to write more than one article on this research and hope to make a serious contribution to the field of philanthropy. The experiments will be conducted in 2014 and the first half of 2015.

DANIELS, DON, Principal Investigator
MITHUN, MARIANNE, Co-Principal Investigator

The History of the Sogeram Language Family of Papua New Guinea
UC Pacific Rim Research Program

SB140022/UCSB 20130922 07/01/13 – 09/30/14 \$9,818

This project investigates the history of the Sogeram language family, which is composed of nine languages spoken in Madang Province, Papua New Guinea. Building on my previous extensive research on these languages, the project has two primary goals, which will be completed in two phases. First, it will produce extensive documentation and grammatical descriptions for the six Sogeram languages that have not previously been documented. Second, it will use those descriptions, combined with existing documentation on the other three Sogeram languages, to reconstruct the grammar of Proto-Sogeram, the common ancestor of the Sogeram family, which was probably spoken some 2,500 years ago.

DARIAN-SMITH, EVE, Principal Investigator

New Indian Wars: The Challenge of Indigenous Sovereignty
National Science Foundation

1060384/UCSB 20110154 07/01/11 – 09/30/15 \$127,774

The research explores the concept of indigenous sovereignty as a window onto the shifting social, political and legal relations between mainstream US society and its indigenous populations. The concept of indigenous sovereignty has become revitalized and reframed in the early decades of the 21st century, largely as a result of some tribal governments exercising enormous economic power deriving from successful casinos on their reservations. Indian owned casinos have provided the means by which tribes can engage in mainstream political activities for the first time in US history. Native peoples are now buying commercial property, employing lawyers to represent their best interests, hiring lobbyists and contributing to political campaigns. This new status is exemplified by President Obama appointing a number of Native Americans at the highest levels of the federal government.

Unfortunately, accompanying the rising economic and political presence of Native Americans in US society has been a backlash against tribes with successful casinos. There is a new racial politics of resentment mobilizing around the narrative of “rich Indians” having “special rights” (Dudas 2005, 2008; Goldberg-Hiller and Milner 2003). Resentment is articulated in media attacks, political speeches, policy decision-making, anti-gaming community activism, and perhaps most devastatingly, in the mounting assault on tribal sovereignty by the United States Supreme Court (Cornell and Kalt n.d. 2, 27).

This research explores an apparent contradiction: as more and more Native Americans join mainstream society, and the obvious socio-economic differences between “us” and “them” begin to dissolve, there has emerged more, not less, open resentment and opposition to Native Americans and their demand that indigenous sovereignty be recognized. This proposal asks: What has happened between the late 1990s, when there was general support for Native Americans establishing casino operations on the basis of their legal

sovereignty, and now, in which there is widespread public antagonism toward native communities who hold rights unique to their federally-recognized tribal status. In short, why are many ordinary Americans so threatened, confused, and disturbed by the increasing presence of a relatively few wealthy Indians and their revitalization of the concept of indigenous sovereignty?

The PI's working hypothesis is that the new status of Native Americans in US society, which has directly occurred because of the success of Indian gaming, has triggered two interrelated responses:

- 1) The racialization of "rich Indians" as undeserving beneficiaries of new rules allowing for gaming operations, and thus a reaction against them at the local level as well as increased calls for state regulation of Indian gaming.
- 2) Indian gaming, and more broadly Native American sovereignty, have become renewed objects of political contention at county, state and national levels.

DARIAN-SMITH, EVE, Principal Investigator

New Indian Wars: The Challenge of Indigenous Sovereignty

National Science Foundation (REU Supplement)

1060384/UCSB 20121449

07/01/11 – 09/30/15

\$9,987

The project that this REU would supplement is a NSF award that examines the shifting social, political and legal status of some Native Americans who have recently benefited financially from gaming and other commercial activities on reservations. In brief, this research utilizes a mixed methodological approach to answer research questions pertaining to the changing status of some Native Americans who for the first time in US history are exercising enormous economic power and have been able to engage in mainstream political activities. One aspect of this increasing power among some tribal governments is a reframing of the concept of indigenous sovereignty as a legal strategy to renegotiate the historically paternalistic relationship between native and non-native peoples.

Unfortunately, accompanying the rising economic and political presence of Native Americans in US society has been a backlash against tribes with successful casinos. There is a new racial politics of resentment mobilizing around the narrative of "rich Indians" having "special rights. Resentment is articulated in media attacks, political speeches, policy decision-making, anti-gaming community activism, and perhaps most devastatingly, in the mounting assault on tribal sovereignty by the United States Supreme Court.

This REU supplement would allow me to solidify and extend a partnership with the UCSB Honors Program by recruiting up to four students from that program to engage in content coding as part of my CAREER award. Strong preference would be given for hiring students who would also integrate data from the NSF project into their Senior Honors Theses. Because of the Honors Program's substantial success in involving students from underrepresented groups, this partnership would also allow me to increase the research involvement of undergraduates from underrepresented groups. I have a long and proven track record of hiring underrepresented students in my previous research projects.

FERREIRA, IANSA, Principal Investigator
CHARNESS, GARY, Co-Principal Investigator

What to Expect when they are Expecting: The Role of Expectations on Labor Market Reciprocity

Russell Sage Foundation

98-14-10/UCSB20140954

05/01/14 – 02/28/15

\$4,065

There is a broad body of literature, which discusses workers' responsive behavior to firms' actions (changes on wages) under several different settings (e.g. Brandts and Charness, 2003; Charness, 2004; Dufwenberg and Kirchsteiger, 2004; Cox et al. 2008). However, most discussions regard sudden changes in wage, such that no expectations are formed and the status quo stands for a reference point for reciprocation. Yet another branch of literature talks about how individuals tend to smooth reactions to changes when those are expected. This literature expresses the view that expectations will help to form a reference point which enters individuals' loss-gain utility affecting overall utility and choice behavior (e.g., Köszegi and Rabin, 2006; Ericson and Fuster, 2011; Heffetz and List, 2013). What would then be the role of expectations on labor market reciprocation?

Many authors claim that effects of positive reciprocity are harder to identify than those of negative reciprocity (e.g. Offerman, 2002; Charness and Rabin, 2002; Kube et al., 2006). I claim that people in general expect to be well treated, so that favorable treatment brings a weaker need for reciprocation. On the other hand, a selfish or unfair move by the sender would be unexpected and thus generate a strong reaction from the responder. This is not to say that when one should have positive (respectively negative) expectations, a positive (negative) action would not generate reciprocity, but that the intensity of one's response could be lessened. Also, in the presence of expectation about a positive (or negative) action, a neutral action could be held, and thus reciprocated, as a negative (positive) one.

The experiment will use groups of 4 students (one firm and three workers), fixed wages, and profits, which depend on the firm's decisions and workers' productivity. It will consist of 3 rounds with 3 stages which will, respectively, 1) set a status quo wage; 2) manipulate probabilities to generate expectations regarding change, and; 3) give (some) firms the option to follow through with the change on worker's wages. At each round, workers will perform a simple task (adding strings of 2 digit numbers), and firms will make a wage choice, which may be realized in the last of the three stages. Experimental sessions will have three rounds played by the same subject pool, with group-re-matching and re-assignment of roles. Final earnings for participants will be based on working stages (stage 1 and 3) of all three rounds.

FUJINO, DIANE, Principal Investigator

MC AULEY, CHRISTOPHER, Co-Principal Investigator

New Politics and New Politics: Equity-Oriented, Race-Conscious Social Movement
Mobilization in California Communities

UC Center for Collaborative Research for an Equitable California

SB150024 / UCSB 20141100

09/01/14 – 06/30/16

\$19,992

This project seeks to engage activists and scholars in critical dialogues about theories and strategies of organizing, leadership and organizational models, and structural and personal obstacles in social movement development. We bring together five equity-oriented, race-conscious California groups and scholars from UCSB and UCSD through one-on-one discussions, a group planning meeting, and a two-day symposium featuring public and private sessions. Drawing from engaged scholarship studies, feminist standpoint theory, and the Black radical tradition, we promote a methodology centering on the co-production of knowledge among activists and scholars about social movement change. We seek to draw on and create new archives and imaginaries to examine the challenges of developing goals, strategies, and campaigns in the face of neoliberalism; the ways victories can lead to defeats in other areas of organizing and the ways defeats can turn into victories; how the study of history and knowledge about past social movements affect current organizing; and the creative defiance and challenges to the overwhelming structural inequalities in the lives of activists that impedes social justice work. We advocate a process of community-scholar interactions that involve horizontal, egalitarian collaborations in planning and executing dialogues. This project will result in the submission of one or more extramural funding proposals and publications about knowledges and methodologies emerging from these meetings.

GAMBLE, LYNN, Principal Investigator

Archaeological Survey of Terrace and Upland Areas on Santa Rosa Island

National Park Service

P12AC10577-02/UCSB 20130234

07/01/12 – 12/31/14

\$27,699

The project is to perform archaeological survey of unsurveyed terraces and upland areas on northern Santa Rosa Island, Channel Islands National Park (CHIS) during the summers of 2012 and 2013. Santa Rosa is the second largest island in the Northern Channel Island chain and has the longest occupational history of any of the California Islands. This occupational span is one of the longest in the New World, with confirmed habitation on the island starting ca. 13,000 cal BP (Johnson et al. 2002). While archaeological sites dating to periods throughout the last 13,000 years have been identified, most of the survey efforts to identify these sites have focused on the now coastal areas of the island. While many of these surveys have been productive in identifying coastal sites, upland and terrace areas have been only opportunistically surveyed, resulting in a dearth of identified sites in these regions and an uneven representation of island settlement and resource use patterns.

This project will benefit the public by providing a more complete understanding of the settlement patterns and lifeways of the prehistoric inhabitants of California's Channel Islands. The information will help inform land managers and regulators about the

presence of cultural resources and aid in the protection and enhancement of these non-renewable resources. Sensitive data gathered from this study including sensitive archaeological site location data will be available to qualified researchers and land managers at the Central Coast Information Center (CCIC) and at CHIS. Less sensitive data gathered from this effort will be presented in public forums including the California Islands Symposium, the Society for California Archaeology annual meetings, and the Channel Islands National Park's Shore to Sea lecture series

In addition, NPS involvement in this project supports the research and educational mission of the university and the academic department mission to provide leadership in cultural resources studies.

GAMBLE, LYNN, Principal Investigator

Historic Preservation Fund Grant

State of California, Department of the Interior (Renewal)

C8955517/UCSB 20140312	10/25/13 – 09/30/14	\$9,000
C8956514 / UCSB 20150659	01/14/15 – 09/30/15	\$9,000

The State Historic Preservation Officer is required under federal and state law, and as a condition of receiving federal grant funds from the National Park Service, to maintain a statewide inventory of historical resources, and to provide historical resource management education and assistance to federal, state, and local entities. UCSB hosts the Central Coast Information Center (“the CCIC”), one of eleven Information Centers that are part of the California Historical Resources Information System. The CHRIS, under the authority of the SHPO, supports the fulfillment of SHPO obligations by 1) gathering, managing, and providing access to the statewide inventory of historical resources; 2) providing guidance in the use and interpretation of historical resources information; and 3) providing broad public education in support of cultural heritage preservation.

GAMBLE, LYNN, Principal Investigator

Shell Mounds, Households, and Emergent Sociopolitical Complexity among Hunter/Gatherers: El Montón, Santa Cruz Island

National Geographic Society

9446-14 / UCSB 20141068	07/01/14 – 12/30/15	\$16,528
-------------------------	---------------------	----------

At European contact, the Chumash Indians of the Santa Barbara Channel region had one of the most complex sociopolitical organizations of any hunter-gatherer-fishers in the world. El Montón (CA-SCRI-333), on the western tip of Santa Cruz Island, is a unique Early Period site and is essential in understanding the early emergence of sociopolitical complexity in the region, a major research objective. Situated 8-10 meters above the marine terrace, El Montón is the largest extant shell mound in the Santa Barbara Channel area and a prominent feature on the landscape, visible from sites over 8 km away on Santa Cruz and Santa Rosa Islands. Over 43 house depressions are visible on the surface, more than any other archaeological site on the islands or mainland. Three cemeteries with over 200 individuals span a period of approximately 2600 to 6000 years ago. Two of the three have more burials from the time period they represent than any other cemeteries in the Santa

Barbara Channel region, making them highly significant. Despite the early dates, some individuals were accompanied by hundreds of shell beads, ornaments, and other items, while most had very few or no grave goods. Features recently excavated at the site include a red abalone and whale bone feature, a large rock oven, and burned house deposits. The significance of El Montón combined with multiple sources of data make it an ideal site to investigate origins of sociopolitical complexity not only among hunter-gatherers-fishers in southern California, but in a broader world-wide perspective.

GAMBLE, LYNN, Principal Investigator

Shell Mounds, Landscape, and Social Memory Among Hunter/Gatherers: El Montón, Santa Cruz Island, California

Wenner-Gren Foundation for Anthropological Research

SB140181 / UCSB 20141408

07/01/14 – 08/30/15

\$19,995

The project goal is to investigate the emergence of sociopolitical complexity among the early hunters-gatherers of the Santa Barbara Channel region. The specific focus is on landscapes and the construction of places of social memory through depositional practices, issues linked to identity. Evidence of sociopolitical complexity between AD 1150-1804 in the region is well-documented and includes sedentism, high population densities, specialization, and shell bead currencies. Less is known about emergent complexity between 6000 to 2500 BP. An ideal site to investigate these topics is El Montón, an Early Period shell mound on Santa Cruz Island, the largest extant mound in the region. Forty-five house depressions are clustered on several terraces, and excavations at three cemeteries in the 1920s uncovered over 100 burials. Archaeological and geophysical methods will be used to address the occupational history of the mound, its formation, and its meaning. Archaeological investigations of shell mounds in other regions are generating new interpretations about the meaning of mounds and intentionality of their construction, but have not been a focus of research in southern California. With its many features and mortuary data, El Montón is an ideal site to investigate the significance of mounds within the context of hunter-gatherers.

GAMBLE, LYNN, Principal Investigator

CHRIS Modernization and Sustainability Plan

State of California

C13100029 / UCSB 20141401

08/15/14 – 06/30/16

\$60,329

Task 1: Finalize CCOIC Inventory Resource Data Entry. Contractor to perform data entry from historical resource records currently on file at the CCOIC as well as resource records that may be submitted to the COIC during the contract period. Complete data entry for 2,250 existing records on file. Data entry to be done for resources in both Santa Barbara and San Luis Obispo Counties, including resources located on Santa Cruz, San Miguel, Santa Rosa and Santa Barbara Islands. Data to be entered, checked, and stored in a format and manner agreed to with the state, in compliance with CHRIS standards.

Task 2: Finalize CCOIC Geographic Information System Report Data. Contractor create new and check and correct existing Geographic Information System (GIS) data for 11,200

reports currently on file at the CCOIC as well as reports that may be submitted to the CCOIC during the contract period. GIS data creation, verification, and correction shall be conducted in compliance with CHRIS standards, as agreed to with the State.

GEYER, ROLAND, Principal Investigator

STARTZ, RICHARD, Co-Principal Investigator

Displaced Production Due to Reuse and Recycling: Theory Development and Case Studies
National Science Foundation

CBET-1335478/UCSB 20150321 08/15/13 – 07/31/16 \$328,741

The most significant environmental benefit of recycling and reuse is typically their potential to avoid or displace the production of equivalent materials and products from primary resources. This also means that lack of displacement would significantly reduce these environmental benefits. Unfortunately, the treatment of displacement in industrial ecology and life cycle assessment (LCA) is currently based on assumptions instead of scientific theory and evidence. The goal of this project is to advance dramatically our understanding of the causes, mechanisms and dynamics that govern displacement of primary production due to material recycling and product reuse. The project will achieve this by integrating pertinent economic concepts and methods into the analytical frameworks of industrial ecology and LCA. The resulting consequential analysis framework will use market models to determine the interaction between primary and secondary products and materials and thus estimate displacement. These models will account for supply and demand dynamics, competition between imperfect substitutes, and market growth and segmentation. The framework will be tested in several case studies. The case studies will include econometric analyses in order to determine pertinent economic parameters for key products and materials, and thus estimate actual displacement rates. The results from the proposed research will be used to develop recommendations for the treatment of displaced production due to reuse and recycling in LCA, product-based greenhouse gas accounting, and product category rules for type III eco-labels. It will also be used to identify public and corporate reuse and recycling policies and incentives that foster and maximize displacement.

GROSSMAN, ZACHARY, Principal Investigator

Dual-Process Reasoning in Giving

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS16GZ 07/01/14 – 06/30/16 \$5,695

Dual-process theories assert that decision making is comprised of two systems: a slow, deliberative system and a fast, affective system. These theories have been fruitfully applied to core economic domains such as decision making under risk or intertemporal choice, but experiments on dual-process reasoning in giving, typically using variations in cognitive load, have yielded mixed or inconclusive results. Under dual-process reasoning, varying the influence of the cognitive system alters behavior only when the two systems are in conflict and disparities in the degree of conflict may explain the inconsistency of previous results.

I will conduct an experiment to test for dual-process reasoning in altruistic behavior. First I will test candidate affective and cognitive system manipulations and develop an understanding of the behavior desired by each system. It is especially important to understand what the desired behavior of the cognitive system is, how the goals of the affective system respond to the affective manipulation, and how these goals and responses may differ across subgroups, like gender. Then I will conduct an experiment on charitable giving in which I independently manipulate the cognitive and the affective system. This will be done in such a way that I can control when the goals of the two systems are in conflict. I hypothesize that cognitive load affects behavior more when the two systems are in conflict than when they are not.

GURVEN, MICHAEL D., Principal Investigator

The Human Life Course and the Biodemography of Aging

NIH National Institute on Aging (renewal)

AG024119/UCSB 20141257

09/15/10 – 05/31/16

\$1,220,809

There are three overarching goals for the renewal: a) further document in detail the biology, epidemiology and behavior of aging among the Tsimane, a forager-horticultural society living in a pre-modern context, and how it changes with acculturation, utilizing further modern methodologies and individual longitudinal data; b) test the hypothesis that aging among the Tsimane is accelerated relative to people in developed nations due to the heavy burden of infectious disease and low energy balance; and c) evaluate a specific theory of human life history and aging developed by the PIs during the course of their research program.

To accomplish these goals, there are three specific aims of this competitive renewal. Aim 1 is to obtain longitudinal sampling of physical and cognitive function, energy production, morbidity, comorbidity, mortality, and social roles after age 40. Aim 2 is to determine rates of immunosenescence for both the acquired and innate arms of the immune system. Aim 3 is to determine rates of vascular, heart and kidney disease, and their associated etiological processes.

The continuation of this project will allow us to build a longitudinal profile of a large sample of persons who span the adult age range and to model interactions between infection, nutrition, organ functioning and damage, and physical and cognitive functioning in a population that reached maturity in a pre-modern, highly infectious environment. For each of the four specific aims, we will both compare our results to those obtained in the U.S. and other countries, and model individual variation within the Tsimane population. We will also assess the effects of the within-population variance in acculturation at both the community and individual levels on those outcome variables. In so doing, we will model the effects of changing economic activities, housing conditions, use of medical facilities, Spanish competency, and literacy, and link them to data on health, physical and cognitive status, and mortality. The developing gradients of infection and life expectancy or mortality will provide further data to explore evolutionary hypotheses and to explore the details of the relationships between infection, inflammation and the pathophysiology of aging.

GURVEN, MICHAEL D., Principal Investigator

The Human Life Course and the Biodemography of Aging

NIH National Institute on Aging (supplement)

AG024119-07S1A1/UCSB 20111556 09/01/11 – 05/31/16

\$352,642

The goal of this project is to test the general hypothesis that due to the heavy burden of infectious disease and low energy balance, Tsimane forager-horticulturalists of the Bolivian Amazon experience more heart and kidney damage due to infection but less vascular disease and diabetes due to metabolic pathways than do people in developed nations. The Tsimane are Bolivian forager-horticulturalists that live with no electricity, running water, or waste disposal, and have extremely limited access to modern medicine. To accomplish our goal, there are three specific aims of this competitive revision to the existing R01 “The Human Life Course and the Biodemography of Aging”. Aim 1 is to measure the prevalence and incidence of vascular, heart, kidney and diabetic disease among the Tsimane, a forager-horticultural society living in a pre-modern context. Aim 2 is to assess and test hypotheses regarding the relative importance of inflammation, infection and metabolic factors on the etiology of vascular, heart, diabetic, and kidney disease. Aim 3 is to analyze within and among community variation to assess the physical, behavioral and psychosocial impacts of lifestyle change and of social support on disease risk.

The addition of this project will allow us to build a cross-sectional and longitudinal profile of a large sample of adults to model interactions between infection, diet, physical activity, psychosocial factors and organ functioning and damage in a population that reached maturity in a pre-modern, highly infectious environment. We will employ a combination of methods (serum and urine analysis, electrocardiogram, ultrasound of heart, kidney and carotid artery, and medical exams) to assess atherosclerosis, heart and kidney disease and diabetes. As the Tsimane are undergoing rapid change, we will also be able to assess within-population variance by examining the effects of acculturation on cardiovascular and renal disease at the community and individual level, as well as individual-level estimates of diet, physical activity and psychosocial factors. We will also compare our results to those obtained in the U.S. and other countries, to assess differences in how source of inflammation, whether infection, smoking or obesity, can impact the development of chronic disease, along with other factors, and how the nature of chronic disease itself can vary under different ecological regimes and lifestyles.

GURVEN, MICHAEL D., Principal Investigator

The Human Life Course and the Biodemography of Aging

NIH National Institute on Aging (supplement)

AG024119/UCSB 20130097

09/01/12 – 05/31/16

\$44,350

This is an administrative supplement to an active R01 “The Human Life Course and the Biodemography of Aging” (AG024119-06). The funds will help us to monitor energy expenditure, and examine the relative importance of heart function, vascular function and sarcopenia to cardiovascular health among Tsimane forager-horticulturalists of the Bolivian Amazon. Energy expenditure will be assessed using three advanced methods commonly used in human clinical trials (Actigraph technology, oximetry, and the doubly

labeled water method). The different methods will permit measurement of energy expenditure at rest and during exercise/work, in both field and clinical settings. We will also be able to test for comparability across methods; this has not yet been done. Infrastructure and collaborations required to successfully conduct protocols is already in place (through a previous R56 and the current R01). We can thus take advantage of a novel research opportunity at relatively low cost.

We will “test the general hypothesis that, due to the heavy burden of infectious disease and low energy balance, the Tsimane experience more heart and kidney damage due to infection, but less vascular disease and diabetes due to metabolic dysfunctions than do people in developed nations.” From preliminary analysis of 300 echocardiograms, and new data on arterial tonometry, we find that there is very little change in systolic function with age; systolic function remains well above normal limits for virtually all adults who reach age 70. However, we do find more significant decreases in diastolic function with age, even though it remains higher than U.S. norms throughout adult life. This is presumably due to decreased ability of the heart to relax, and may be linked to inflammation. We have also begun collaborating with researchers from the MESA project to investigate arterial stiffness, and link it to inflammation. The new research opportunity derives from the ability to combine data on arterial stiffness, diastolic function, and muscular strength to determine their relative importance in the decrease in cardiovascular function with age and in turn, their impacts on the ability to work with age. These empirical relationships have never been explored in a subsistence-level population with high pathogen load, no access to modern healthcare, protective diet, and high energetic expenditure.

By using a graded step test and an oximeter, we will be able to determine VO2 max, and then regress this measure of cardiovascular fitness on diastolic function, arterial stiffness and muscular strength to shed light on this question. By taking advantage of Actigraph technology, we will also be able to determine the relationships of all of those measures to actual exercise and work performed. The doubly labeled water method will provide longer-term estimates of energy expenditure using state-of-the-art isotopic enrichment assays. All other equipment and supplies necessary to conduct this study have already been purchased with existing funds. To defray costs associated with the doubly labeled water protocol, Dr. Herman Pontzer (City University of New York-Hunter College) will provide all labor, equipment and supplies at no additional cost. Measures of energy expenditure obtained from this protocol will be directly comparable to measures previously obtained by Pontzer among Hadza foragers of Tanzania, paving the way for cross-cultural studies of aging under traditional socio-ecological conditions.

GURVEN, MICHAEL D., Principal Investigator

Immune Function over the Life Course among Forager-Horticulturalists

NIH National Institute on Aging (supplement)

AG024119-07/UCSB20110522

09/01/11 – 05/31/16

\$602,676

The goal of this project is to test the general hypotheses that: (1) early and frequent exposure to pathogens accelerates immune system development and ‘primes’ the

immune system to higher levels of baseline immune activity and 2) this chronic immune system activation throughout life results in more rapid immunosenescence and a decline in the ability to defend against novel pathogens.. The Tsimane are Bolivian forager-horticulturalists that live with no electricity, running water, or waste disposal, and have extremely limited access to modern medicine.

To accomplish our goal, there are five specific aims of this R01. Aim 1 is to measure the levels of cytokines, inflammatory biomarkers, and immunoglobulins in Tsimane sera. Aim 2 is to test cytokine responses during in vitro stimulation of fresh whole-blood with bacterial, viral, and helminthic antigens. Aim 3 is to quantify in vivo lymphocyte and T-cell populations with flow cytometry to characterize cellular components of immunity by age and sex. Aim 4 is to test a series of predictions derived from the above two hypotheses. Aim 5 is investigate the relationships between disease states, functional status, mortality and immune system function.

The addition of this project will allow us to build a cross-sectional and longitudinal profile of a large sample of adults to model interactions between infection, immune system development and immunosenescence in a population that reached maturity in a pre-modern, highly infectious environment. We combine four methods to investigate immune responsiveness to infection: 1) physician exams combined with laboratory analysis to diagnosis infections by type; 2) measurement of serum cytokines, inflammatory markers and immunoglobulins; 3) *In vitro* whole blood challenges with common and novel helminthic, viral and bacterial antigens; 4) flow cytometry to identify number and proportions of memory- and senescent- T and B cell phenotypes.). As the Tsimane are undergoing rapid change, we will also be able to assess within-population variance by examining the effects of acculturation on immunity at the community and individual level. We will also compare our results to those obtained in the U.S. and other countries, to assess the impacts of the infectious burden of disease on immunity over the life course.

GURVEN, MICHAEL D., Principal Investigator

The Human Life Course and the Biodemography of Aging

NIH National Institute on Aging (supplement)

AG024119/UCSB 20111490

09/01/12 – 05/31/16

\$60,500

This is an administrative supplement to an active R01 “The Human Life Course and the Biodemography of Aging” (AG024119-06). We are requesting \$60,500 in total direct costs (see budget and budget justification below) in order to (a) conduct three dimensional, high resolution ultrasound of the heart, kidney, and other organs among Tsimane’ forager-horticulturalists of the Bolivian Amazon, and (b) to increase the volume of serological analyses conducted in our Bolivian laboratory.

The 3D ultrasound machine will enable us to take advantage of recent technological advances to study diastolic dysfunction, which is now considered to be the standard for measuring aging of the heart. Through the use of this new machine, we will be better able to study prevalence and incidence of organ disease, and quantify change in organ structure with age and sex. Since the machine will also enable us to calculate the thickness of the

Intima Media of the Carotid artery automatically as the images are being acquired. This will save approximately \$300 per individual for measurement by an external laboratory (the price we have paid previously).

Supplemental funds are also requested for an additional piece of laboratory equipment, which will enable us to take advantage of the opportunity to conduct the majority of serological analyses necessary for our research in Bolivia at a much reduced cost, rather than having to transport thousands of samples to the US. The new opportunity derives from the purchasing, installation and pilot testing of a new flow cytometer in Bolivia. This cytometer was purchased to conduct analyses of lymphocyte subtypes prior to and after antigen stimulation. This can only be done with fresh blood in situ. However, this machine is also capable of measuring cytokines, immunoglobulins, and inflammatory biomarkers (e.g., CRP), which we have previously done at much higher cost in the US. In order to handle the increased volume of samples, however, a 96-well vial-feeder (C6 sampler) is necessary.

Infrastructure required to successfully conduct protocols is already in place (through a previous R56 and the current R01). Over 90% of Tsimane adults age 40+ and a subsample of individuals under age 40 are transported to our clinic in the town of San Borja as part of an annual health exam. The clinic contains three private receiving rooms for medical exams and a laboratory. Here we accomplish what our team had been doing for the past five years in the study villages (e.g., medical check-ups and treatment, biospecimen sampling, collection of anthropometric data and measures of functional status, interviews on disease histories), in addition to flow cytometry and ultrasound imaging. Addition of an autosampler to the flow cytometer will facilitate rapid, high throughput serological analysis. “On-the-spot” serology and ultrasonography will allow us to take full advantage of our clinical infrastructure while ensuring a representative sample. This research will thus provide a unique opportunity to investigate cardio-vascular and immune aging at the population level in a pre-modern context using state-of-the-art technology at relatively low cost.

GURVEN, MICHAEL D., Principal Investigator

The Human Life Course and the Biodemography of Aging
NIH National Institute on Aging (supplement)

AG024119/UCSB 20150073 09/01/14 – 05/31/16 \$15,000

This funding is for an administrative supplement to an active R01 “The Human Life Course and the Biodemography of Aging” (AG024119). We are requesting \$15,000 in direct costs to measure bone mineral density (BMD) and to examine the relative importance of pathogen burden, physical activity level, and diet in affecting skeletal health among Tsimane forager-horticulturalists of the Bolivian Amazon. BMD will be assessed via quantitative ultrasonography, a technique that has been validated against gold-standard clinical techniques such as dual-energy X-ray absorptiometry (DXA).

The ultrasound we will purchase (Sunlight MiniOmni by BeamMed) is the only portable, “field-friendly” ultrasound capable of measuring BMD at multiple skeletal sites among both children and adults. We are thus able to measure changes to osseous tissue during

development and senescence. Data collected with the MiniOmni will provide the foundation for two subsequent R01s focusing on 1) bone development and infectious disease among Tsimane children and adolescents, and 2) sarcopenia and bone loss among older Tsimane adults. An initial wave of data will be collected among 1,000 Tsimane aged 3 to 80 (50% female); the sample will be distributed across villages that vary in modernization and access to healthcare to allow for within-population comparisons. Infrastructure and collaborations required to successfully conduct protocols are already in place (through a previous R56 and the current R01). We can thus take advantage of a novel research opportunity at relatively low cost.

GURVEN, MICHAEL D., Principal Investigator

Telomere Length and Immune Function in a High Infection Population

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS16GM

07/01/14 0 06/30/16

\$8,000

The SSRG will fund the analysis of 465 blood samples for leukocyte telomere length estimation, to provide preliminary results for a large-scale R01NIH grant to be submitted in the next funding cycle. The proposed project will test among Bolivian forager-horticulturalists whether greater exposure to infections is associated with more rapid leukocyte telomere shortening, and as a consequence, more rapid aging of the immune system, as well as faster physical senescence. Telomeres are the protective caps at the end of chromosomes, whose length shortens with each cell replication. For the NIH project, telomere length for 3,000 individuals will be estimated at baseline, and associated with measures of immune function, current and prior infectious history, physical function, and psychosocial stress. At longitudinal follow-up (~5 yrs. post-baseline), repeated sampling will permit estimation of the rate of telomere shortening, and repeats of the same phenotypic measures listed above, in addition to mortality. Our cross-sectional and longitudinal design will therefore permit stronger causal inference. By linking telomeres with infectious history and several aspects of immune function, we should be able to establish important causal connections between cellular senescence and organismal aging, and elucidate the greater significance of telomeres for whole-body organismal aging. Additionally, this study provides an assessment of telomere lengths and their shortening over time in a high mortality, subsistence population living in a very different epidemiological environment from the populations commonly studied.

GURVEN, MICHAEL D., Principal Investigator

PISOR, ANNE C., Co-Principal Investigator

Doctoral Dissertation Research: Expanded Group Affiliation, Trust and Prosociality in Lowland Bolivia

National Science Foundation

BCS-1357209/UCSB 20140149

06/01/14 - 11/30/16

\$15,249

Trust and prosociality are critical to cross-population collaboration, particularly for heterogeneous groups. Trust is the belief that others will not take advantage of you, and prosociality refers to behavior favoring others at personal cost. Though researchers have found that socioeconomic change (termed differently across social science disciplines) is

often associated with more trust and prosociality toward strangers, most studies of prosocial behavior and trust rely on data from large-scale, market societies like the US. Little is known about how trusting and prosocial behavior shift as populations undergo socioeconomic change. The proposed project investigates how changes in trust and prosociality may be related to the expansion of a person's group affiliations, increasing the number of individuals in her in-group(s). An individual will expand her group affiliation strategically when the pay-offs of a larger network exceed the gains she can achieve in her current in-group. A person's expectations of strangers may shift as former "others" become in-group, increasing the number of individuals she trusts and her prosociality toward strangers.

The proposed research asks: (1) Are people with expanded group affiliations (EGA) more trusting of, and prosocial toward, strangers than those with fewer people in their in-groups? (2) What contextual and individual characteristics make EGA more likely? (3) Does EGA mediate the effects of socioeconomic change on prosociality and trust? These questions will be investigated in three populations of horticulturalists from the Bolivian lowlands: the Tsimane', the Mosen, and the multicultural district of Tucup. The project adopts a mixed-methods approach, including a semi-structured interview and economic experiment, to better elucidate relationships between these variables established by existing research.

GURVEN, MICHAEL D., Principal Investigator

TRUMBLE, BENJAMIN, Co-Principal Investigator

RAPID: Surviving the Flood: Vulnerability, Risk Management, and Resilience after a Natural Disaster

National Science Foundation

BCS-1440212/UCSB 20141071

05/01/14 – 04/30/15

\$126,000

This project will investigate impacts of recent (Feb. 2014) catastrophic flooding among Tsimane forager-horticulturalists of lowland Bolivia. Flooding decimated the Tsimane subsistence lifestyle: over two-thirds of villages were flooded (completely destroying crops and washing away possessions), and over 1,000 refugees (~10% of the population) fled to the nearby market town of San Borja for assistance in meeting basic needs. Widespread food insecurity and disease are expected as the rainy season continues into late March. In a representative sample of affected villages, we will (1) document immediate losses incurred and stated plans for recovery, (2) examine acute effects of disaster and loss on psychosocial stress, activity levels, and health (3) examine how pre-flood health, wealth, human capital, and social networks influence flood responses, and (4) examine individual- and network-level factors (e.g. personality, community residence near market) moderating the relationship between prior social status and recovery. Methods will include structured interviews, assaying cortisol levels (urinary and salivary) and measuring blood pressure as stress response biomarkers, and measuring activity levels and sleep quality via accelerometry. We will leverage existing infrastructure of the Tsimane Health and Life History Project (THLHP) to collect data immediately. Annual baseline health, wealth, and social network data collected by the THLHP since 2002 permits longitudinal analyses of

factors affecting variability in flood-induced loss, psychosocial stress, health, and support given and received.

HANCOCK, MARY, Principal Investigator

Urban Place-Making and Religiosity

UC Humanities Research Institute

SB130149/UCSB 20150583

07/01/13 – 06/30/15

\$15,000

With UCHRI support during 2012-13, we launched a Working Group, “Spaces for the Future: Religion and Urban Place-Making” (www.urbanreligions.org), committed to exploring forms of religiosity embroiled in the constitution of urban life and its transformation. We seek to further our collaboration by forming a two-year (2013-15) Multi-Campus Research Group (MRG) designed to advance the University of California’s participation global discussions about cities and urban cultures. Goals include a special journal issue featuring members’ research; a faculty/graduate student retreat for purposes of research development, mentorship and professionalization; a site visit; and further development of our existing web site by adding visual and videographic archives, virtual exhibition(s), curricular and pedagogical resources, and a web log. The project incorporates a public humanities component in the design and use of the web site and in engagements with community partners pursued through the site visit.

HARTHORN, BARBARA, Principal Investigator

APPELBAUM, RICHARD, Co-Principal Investigator

HAWKER, CRAIG, Co-Principal Investigator

MC CRAY, W. PATRICK, Co-Principal Investigator

NSEC: Center for Nanotechnology in Society at University of California, Santa Barbara

National Science Foundation (Renewal)

SES-0938099/UCSB 20091366

09/15/10 – 08/31/16

\$6,076,000

CNS-UCSB Vision and Goals: Nanotechnology Origins, Innovations, and Perceptions in a Global Society. The global vision to have nanotechnology mature into a transformative technology depends on an array of interconnected and complex factors situated within a rapidly changing international economic, political, and cultural environment. These include the resolution of scientific and technological questions, the safe creation, development, and commercialization of nanoproducts, and the acceptance of nanotechnology by diverse publics. The NSF Center for Nanotechnology in Society at UCSB provides a clear and comprehensive approach to understanding the challenges to the successful development of nanotechnology in the US, Europe, Asia and other regions. Through a mixed and complementary portfolio of interdisciplinary research, education, and engagement activities, the CNS-UCSB produces basic knowledge about a linked set of social and environmental issues at a time of sustained technological innovation through close examination of the development; commercialization, production, consumption, and control of nanoscale technologies. The Center addresses education for a new generation of social science and nanoscience professionals as it fosters research on the origins of the nano-enterprise, the innovation and globalization of nanotechnology, and the social response, media framing, and the publics' risk perception of nanotechnology. With an outlook that is global in scope,

detailed in its focus, and rigorous in its methodologies, the CNS-UCSB will continue to use its evolving international research infrastructure to create a genuine learning community of diverse participants who can pool their knowledge for the simultaneous benefit of society and technology.

CNS brings together a diverse and talented interdisciplinary, international group of researchers to conduct collaborative research on pathways and impediments to socially and environmentally sustainable futures for nanotechnologies. In years 6-10, CNS will introduce further collaborations from the most junior (2 Assistant Professors-to-be) to the most senior and highly regarded (e.g., Paul Slovic, Fred Block). CNS has a strong commitment to produce work at the cutting edge of disciplinary work as well as contributing high quality publications and products to the growing body of literature on nanotechnologies in societal context. In a little over 3 years CNS research teams have produced 44 new publications, have another 9 currently under review, and have made almost 240 presentations at academic, industry, and community venues. CNS researchers publish their work in leading science and technology studies, social, economic and behavioral science, nanoscale science and engineering, and science and environmental policy journals. For example, CNS's paper on the first ever cross-national comparison of public deliberation processes was published in Feb 2009 as one of three social science research articles ever published in the journal Nature Nanotechnology. CNS will synthesize the results of the first 5 years research and meetings to integrate those results into a number of meta-analysis papers and reports on innovation policy, patents and technology transfer, nation-state industrial policy, the role of collaboration in NSE in the US and abroad, media frames for nanotechnology, and the factors driving formative nanotechnology risk perception among diverse publics. In addition, CNS plans to synthesize the key collective results of the CNS research and education programs in the first 5 years into a single, high quality edited volume. These plans for integration and synthesis will be continued throughout the 10 years of Center funding.

HARTHORN, BARBARA, Principal Investigator

APPELBAUM, RICHARD, Co-Principal Investigator

HAWKER, CRAIG, Co-Principal Investigator

MC CRAY, W. PATRICK, Co-Principal Investigator

NSEC: Center for Nanotechnology in Society at University of California, Santa Barbara

National Science Foundation (Supplement)

SES-0938099/UCSB 20140058

09/15/10 – 08/31/16

\$300,400

This supplement is for a 2nd year of funding for a highly successful new seed grant program for the Center for Nanotechnology in Society at University of California at Santa Barbara. The supplement will build on the success of the first year of the program, funded by a supplement in 2012, to continue to enhance the ability of Center to attract new faculty researchers and scholars into active participation in CNS research and planning for a future entity/entities at UCSB that will build on and extend the significant successes of CNS in ethical, legal and social aspects of new, innovative technologies.

Supplemental funding of \$ 300,400 will fund an additional year of the CNS Seed Grant Program, initiated in 2012-13 with NSF supplemental support. The 1st year of the program drew a large and excellent pool of proposals that greatly exceeded available funds to support. Therefore, the CNS anticipates an excellent response to the proposed 2013 Call for CNS Seed Grant proposals. The budget request anticipates funding up to 4 new seed projects in 2013-2014, with total seed grant budgets of about \$50,000 (excluding IDC). The costs of social science research vary greatly depending on methods and aims, so actual seed grants awarded will be tailored to ensure success within the seed grant time frame of 1 year.

HARTHORN, BARBARA, Principal Investigator
APPELBAUM, RICHARD, Co-Principal Investigator
HAWKER, CRAIG, Co-Principal Investigator
MC CRAY, W. PATRICK, Co-Principal Investigator

NSEC: Center for Nanotechnology in Society at University of California, Santa Barbara
National Science Foundation (Supplement)

SES-0938099/UCSB 20141451 09/15/10 – 08/31/16 \$238,934

This supplement is for a set of activities in Year 10 that will document and hence extend the impacts of CNS-UCSB's research, education and outreach activities, and will broaden participation of underrepresented minorities in those activities. This supplement will substantially improve the ability of CNS-UCSB to provide evidence-based outcome products that can be used by the Center, by NSF, by the NNI, and others to demonstrate the effectiveness of a social science research center in enhancing innovation system analysis and STEM outcomes.

Education: Regarding the first project, the supplement would primarily be applied to Fastman's salary and travel to conduct the research and disseminate its findings. The ability to conduct our research in-house streamlines our costs, both financial and intellectual. Because Fastman is already on staff at CNS, and is familiar with its research and the Fellows themselves, much of the background knowledge and administrative infrastructure to complete this study are already in place, and work could begin immediately.

Research: The 2nd project is a bibliometric study of the two CNS' publications and their citation around the globe; the supplement will cover a portion of postdoc Kay's salary - the 25 percent of his time we expect him to spend on the project.

Outreach: CNS' primary outreach activity for 2014 is a large international conference on and with NGOs' role in technology development. While the conference itself is included in the budget plan for Year 10, support is lacking for the excellent doctoral fellow who has been coordinating the conference development process while also conducting a CNS IRG 3 research project on the nearly 200 NGOs involved in nanotechnology dialogue, debate, and activism. With the requested support for a partial fellowship in 2014-15, Fellow Engeman will be able to devote time throughout the year to developing and editing capstone publication(s) planned for the conference.

Broadening participation: Supplement support is also requested to enhance participation by underrepresented students, postdocs and developing world participants in the NGO conference. A poster program announcement will provide a mechanism for eliciting applications from potential participants, and supplement participant support funds will be awarded, following a competitive review by the interdisciplinary conference planning committee, much as CNS has repeatedly managed funds from NSF to enhance participation in the S.NET conferences.

In addition, CNS-ASU's proposed supplement will provide an opportunity for us to recruit and fund underrepresented undergraduates from UCSB to participate in their science policy program, including training on site in the ASU DC program office.

JACOB, MARY, Principal Investigator

School Emergency Response to Violence (Project SERV)

US Department of Education

S184S1500002/UCSB 20150874 02/19/15 – 02/18/16 \$569,725

On May 23, 2014, six UC Santa Barbara students were killed and thirteen people were wounded (nine of them UC Santa Barbara students) during a mass murder/shooting rampage in the campus-adjacent community of Isla Vista. UC Santa Barbara students make up approximately half of the 23,000 residents of the community of Isla Vista, which comprises a one-half square mile area and is an unincorporated part of Santa Barbara County. During the rampage, the gunman, Elliot Rodger (later revealed to be a student at Santa Barbara City College and resident of Isla Vista), drove his car through the crowded streets of Isla Vista shooting at victims and running over and dragging pedestrians and bicyclists. The rampage ended with a gunfight between Rodger and Santa Barbara County Sheriff's Officers in which Rodger took his own life. Later that evening it was determined that Rodger had earlier murdered three UC Santa Barbara students inside an off-campus apartment that he shared with two of the three victims. Elliott Rodger left behind a widely publicized 100+ page manifesto and videos that were posted on YouTube. Both his writings and his videos featured misogynistic rants and premeditated plans to seek revenge for his social isolation through killing "sorority girls" and other residents of the community of Isla Vista, whom he believed had rejected him.

The ten-minute rampage involved thirteen crime scenes. Thousands of Isla Vista residents, most of them UCSB and Santa Barbara City College students, were directly impacted as victims, witnesses, first responders, friends of those killed and injured, or residents living in or near one of the thirteen crime scenes. Specific UCSB populations have been particularly impacted. These populations include members of UCSB's sorority system, who were directly targeted by the killer (two of the six students murdered and one severely injured were members of the Delta Delta Delta sorority); students, faculty and staff in the College of Engineering and its Computer Science Department in which three of the murdered students were enrolled; residents of UCSB-operated Manzanita Village, an on-campus residence hall in which two of the murdered victims resided; and international

Chinese/Taiwanese and domestic Asian-American students as three of the victims were relatively recent immigrants to the U.S. of Chinese or Taiwanese descent.

The most immediate activity needed to restore the learning environment at UC Santa Barbara is adequate and timely access to counseling and crisis services for our 21,000 students and to behavioral health programming and consultations for over 10,000 staff and faculty. Even under normal circumstances, the number of mental health professionals employed by UCSB to work with students is inadequate to meet student demand with wait times of up to three weeks for regular appointments (non-crisis) with both psychologists and psychiatrists. While we were able to supplement our existing counseling staff in the short-term by bringing in approximately 40 counselors from other UC campuses (see request below to reimburse lodging expenses), this was only a short-term solution that enabled us to increase access through the end of the 2013-14 academic year.

Additional funding provided by this grant will enable us supplement our existing campus-based mental health staff who serve students through the hire of one additional student mental health services coordinator; two additional counseling psychologists; and one additional social worker. These additional staff will help to meet the increase in demand for services, and the need for a higher level of response to crisis cases that we anticipated when students returned to school in early October, 2014.

JACOB, MARY, Principal Investigator

DUNLAP, JILL, Co-Principal Investigator

Strengthening Services for Victims on Campus

USDJ: Office of Justice Programs

2014-WA-AZ-0009/UCSB 20151011 10/01/14 – 09/30/17

\$289,004

University of California Santa Barbara (UCSB) is a residential university with a diverse student population made up of 19,362 undergraduate students and 2,863 graduate students, totaling 22,225 students as of Fall 2013 quarter. The service area where this continuation grant will take place is the UCSB campus in Santa Barbara, and in the adjacent community of Isla Vista, which houses nearly half of the UCSB student population. Since the implementation of the 2011-2014 OVW Campus Grant UCSB's CARE program advocates have seen a 278% increase in the number of students served for sexual assault, dating violence, domestic violence and stalking. The 2014-2017 continuation proposal addresses two core goals: having a dedicated investigator available to work with CARE advocates and survivors to ensure that their case is handled by someone specifically trained to work with survivors of interpersonal violence. In addition to receiving information about legal, medical and psychological options, victims will have the opportunity to work with one dedicated investigator throughout their entire process. There is strong evidence from CARE Program advocates to support the need for a dedicated, female investigator to work with survivors of interpersonal violence at UCSB. The bulk of funding in this proposal is allocated to the investigator salary, which represents a significant increase in the ability to provide adequate services to survivors on campus. This position fulfills the requirement that 20% of program funds must be used to develop, enlarge and strengthen services to victims.

The second goal is continued prevention education through CARE Connect and Green Dot, a nationally recognized bystander intervention education program for students. Moving forward from the 2011 campus grant, there will be multiple ways for students to become trained on interpersonal violence issues and response at UCSB. The CARE Connect training and Green Dot will be continued/implemented by the Prevention Education Coordinator. The primary activities for Broad Campus and Community Engagement are 1. Conduct quarterly CCR meetings. 2. Issue a report to campus administrators, including campus Title IX coordinator, about ongoing trends in interpersonal violence and barriers to reporting. 3. Check in with a representative from each CCR member department or agency on an annual basis to discuss updates to protocol and response procedures for the department and to discuss training needs in order to track effectiveness of new/revised policies from the 2011-2014 grant. The primary activities for Reduction of Sexual Assault, Domestic Violence, Dating Violence and Stalking are 1. The graduate assistant will be responsible for training Gaucho FYI peer facilitators each summer.

This training will focus on how to present to their peers about interpersonal violence in a sensitive way and how to respond to disclosures during training. 2. Continue CARE Connect trainings developed during 2011-2014 grant, and implement Green Dot training, increasing number of students trained through both programs to 500 per year. 3. Monitor and evaluate CARE Connect and Green Dot training to assess effectiveness of each program. The primary activities for Effective Intervention are 1. The dedicated investigator will work with CARE staff to develop and present training to law enforcement officers at UCSB PD annual training. 2. The investigator will work with CARE staff to institutionalize annual training with Isla Vista Foot Patrol officers on appropriate response to interpersonal violence reports. 3. The investigator will work with the county DA's office to identify trends on cases don't meet prosecutorial merit.

This continuation grant will impact the campus community as a whole by creating a system by which each student who has experienced interpersonal violence and is making a law enforcement report will work with the dedicated investigator from start to finish. This will reduce existing barriers to reporting. This grant will impact the campus community in terms of education, outreach and awareness through the prevention education coordinator position, which will involve training 500 students each academic year through Green Dot and Care Connect trainings.

JOHNSON, GAYE THERESA, Principal Investigator

Afro-Mexican and Afro-American Encounters: Creating a Space of Convivencia in a Hollowed Out World

UC Humanities Research Institute

SB150044/UCSB 20141021

07/01/14 – 06/30/15

\$12,715

This project will be a collaboration with music group Quetzal to stage a performance and a public discussion at La Casa de la Raza about Black-Latino conflict, competition, cooperation and coalescence in California. Framed by the arguments advanced in my book, *Spaces of Conflict, Sounds of Solidarity: Music, Race and Spatial Entitlement in Los Angeles*

about the ways shared sounds have helped Blacks and Mexicans in the U.S. find common ground, we will stage a community son jarocho performance featuring open mike testimonies by participants, followed the next day by an academic panel open to the public in which the fandango musicians and musicologists and sociologists will discuss how music helps us understand the uneven yet related racial orders of the U.S. and Mexico. At a time when Black and Brown communities are pitted against each other by myriad social issues, Quetzal's "artista" public conversations provide mutual recognition rooted in social justice.

KOLSTAD, CHARLES, Principal Investigator

ARB Economics Fellowship Program

California EPA Air Resources Board

10-322/UCSB 20110750

03/15/11 – 09/13/14

\$299,909

Over the past 40 years, the California Air Resources Board (ARB) has made significant progress towards meeting the State and Federal ambient air quality standards but additional emissions reductions are needed. Also, Assembly Bill 32, the Global Warming Solutions Act, requires ARB to develop and implement regulations reducing greenhouse gas emissions to 1990 levels by 2020.

The ARB currently conducts rigorous economic analyses for all regulations adopted by the Board using a range of economic models, methods, and data. However, the types of regulatory strategies needed in the future to achieve cost-effective criteria pollutant and greenhouse gas reductions may require the use of innovative new economic tools and analytical approaches. Expanding and improving available methodologies will strengthen ARB's ability to meet both criteria pollutant and greenhouse program goals.

The University of California is uniquely positioned to help identify the challenges, provide forums to discuss and articulate new methods, and provide expertise to help meet these challenges. The present proposal addresses ARB's needs by providing an external academic expert who will evaluate the agency's current approaches for economic analyses and provide ARB with recommendations for potential improvements.

KUCZENSKI, BRANDON, Principal Investigator

EL ABBADI, AMR, Co-Principal Investigator

CyberSEES: Type 1: Preserving the Privacy of Life Cycle Inventory Data in Distributed Provenance Networks

National Science Foundation

CCF-1442966/UCSB 20141166

10/01/14 – 09/30/16

\$398,512

Estimating the environmental implications of consumption activities requires extensive information about industrial processes throughout the global economy, known as life cycle inventory (LCI) data. These data are often considered confidential by industrial process operators. Computing results from LCI data is analogous to traversing a distributed provenance graph. Current practice requires all data to be known by a single party and often available to the public. As a consequence, data providers may be reluctant to share,

and estimates of industrial activities are limited in precision, highly uncertain, and challenging to interpret. The proposed project will develop methods for computing LCI results that preserve the privacy of inventory data, drawing inspiration from current research in sharing provenance data among collaborators with limited mutual trust. The work will consider both scenarios in which secret results are shared among collaborators and in which results are made available for public query. The work will lead to the development of security schemes to respond to / defend against threats to private data used in LCI computations; algorithms for performing LCI computations under privacy restrictions; and data anonymization strategies for data publication satisfying data providers' privacy requirements.

KUCZENSKI, BRANDON, Principal Investigator

GEYER, ROLAND, Co-Principal Investigator

An Online Tool for Public Review of Used Oil LCA Results

Department of Resources Recycling and Recovery (CalRecycle)

DRR13026/UCSB 20140048	09/17/13 - 09/15/15	\$269,162
DRR13026/UCSB 20140957	09/17/13 - 09/15/15	\$127,734

As part of Senate Bill (SB) 546 (Lowenthal, Statutes of 2009, Chapter 353), CalRecycle contracted with third party contractors to perform a lifecycle assessment (LCA) and economic analysis of the used oil management system in California. The results of that analysis are being made available to the public via extremely lengthy and highly technical reports. CalRecycle, in its continued efforts to provide information to the public in the most transparent and useful manner possible, has decided to provide this information in a web-accessible application. This will not only allow public access to the very technical information but will also allow CalRecycle to easily update the data, and likewise the analysis, when new data becomes available.

The Contractor will convert the data, information, and analysis contained within the Used Oil LCA that was created in response to SB 546, along with material flow analyses and combustion modeling into a format that is able to be accessed and manipulated by the public via a web browser. This system must be capable of being hosted by CalRecycle's existing Information Technology infrastructure.

LA MON, SHELLEY, Principal Investigator

PALERM, JUAN-VICENTE, Co-Principal Investigator

From the Far South to the North: The New International Migration of Indigenous Mexicans to the United States

UC Mexus

SB150096/UCSB 20150307	01/01/15 - 12/31/16	\$12,000
------------------------	---------------------	----------

This dissertation research project will employ ethnographic methodology to study the recent international migration of indigenous Tsotsil Maya migrants from Chiapas, Mexico to the United States. The arrival of a new wave of indigenous Mexican migrants offers a pivotal opportunity to study the changing sociocultural landscape of U.S.- Mexican migration as well as the role of indigenous ethnic identity in the formation of pan-ethnic

alliances and transnational communities. An overarching research objective is to test existing theories on the relationship between indigenous Mexican migration and ethnogenesis (ethnic renewal and identity transformation) by examining the migration experiences of two different indigenous communities residing in the United States: Mixtecos in Oxnard, California and Tsotsil-Maya in Tampa, Florida. Data gathered on 1) levels of inter- and intra-communal cohesion or conflict in migrant-sending and -receiving communities, 2) the density and composition of transnational networks and 3) interactions between and among native U.S. residents, Mexican mestizo immigrants, and new indigenous migrants within receiving communities will allow for deeper understandings of the ways new immigrant groups employ cultural resources and ethnic identity to navigate the challenges of adaptation in the United States.

LIEBERMAN, DEBRA, Principal Investigator

Lifestyle Improvement Game to Delay Alzheimer's Onset and Support Treatment
Alzheimer's Association

ETAC-09-133314/UCSB 20090882 02/01/10 – 08/31/14 \$160,000

Current scientific research shows that making certain lifestyle changes can delay the onset or reduce the risk of Alzheimer's disease. This regimen includes improving blood pressure and cholesterol, controlling blood sugar if one has diabetes, and not smoking. Also important are a Mediterranean diet, a glass of red wine, physical exercise, engaging in stimulating mental activity, and having a circle of friends.

We propose to develop the Brain Builder Network, a Facebook-based social network designed to help people ages 50-65 make lifestyle changes that are known to reduce Alzheimer's disease risk factors. The network will facilitate social interaction and will provide resources (information, activities, games) that support a cognitive health lifestyle in the four key areas of healthy eating, physical activity, mentally challenging activity, and social interaction with friends. Users will have access to Facebook via the web and cell phone and will have a personal avatar, or virtual representation of themselves, that will provide feedback on their adherence to behavior change. They will receive individualized feedback about their own online activities and adherence, and the activities of their friends, displayed in the aggregate. A recommender system will provide links to resources that closely match users' own interests and goals and their friends' interests and goals. The design of the network, and its resources and incentives, will use strategies derived from well-established theories and models of health communication and health behavior change.

The aim of this project is to motivate cognitive health behavior change and improve adherence, through use of a popular social network and the feedback and social interactions it can support, and through links to a variety of online activities and resources that the system will monitor. Future work will add home-to-clinic monitoring by a case manager or coach, methods for detecting cognitive decline of users, and activities and support for early-stage Alzheimer's patients and their family caregivers.

LIEBERMAN, DEBRA, Principal Investigator

Scientific Leadership to Advance the Research and Design of Health Games

The Robert Wood Johnson Foundation

69651/UCSB 20120413

09/01/12 – 09/30/15

\$730,000

The University of California, Santa Barbara, under the direction of principal investigator Debra Lieberman, will provide scientific leadership to the health games research field during the three year period from September 1, 2012 to August 31, 2015. For the five years prior to that, 2007 through 2012, Debra Lieberman has directed the Health Games Research national program funded by RWJF's Pioneer Portfolio. The grant will continue and extend much of the work that was started by the national program and it will be headquartered in the university's Digital Games Research Center, which Lieberman will direct.

The grant will focus on the following goals and activities:

- 1) Scientific leadership: Speak, publish, advise, and advocate in order to encourage research participation in the field, advance current and newly discovered principles of health game design, and show how theory and research can be applied to the design of effective health games
- 2) Research dissemination: Identify and promote the best research findings and scientific evidence in the field
- 3) Advocating for research funding: Encourage funding agencies to support the research and evidence-based design of digital games that improve health behaviors and the delivery of care
- 4) Game-building community: Support the Body Game Builder community developed by Health Games Research and continue to provide new information, game components (artwork, animations, sounds), and game-making tools
- 5) Information access: Compile information about resources useful to researchers, game developers, and health care providers interested in health games; make the information available on the online searchable database that Health Games Research created; and provide links to the database on the Digital Games Research Center web site
- 6) Health game dissemination: Provide online links to not-for-profit games, simulations, and apps developed by universities and other organizations, in one central location
- 7) Future of the field: Identify future directions for health games research
- 8) Leadership development: Train and mentor leaders in health games research

We will address all the goals listed above throughout the three-year period, with a special emphasis each year:

Year 1: Promoting and disseminating new research findings and game design principles

Year 2: Supporting the community of researchers and health game developers

Year 3: Building leadership and planning for the future of the field

LIEN, PEI-TE, Principal Investigator

Understanding Political Socialization through Citizenship Education in Taiwan, Hong Kong, and China

Chiang Ching-Kuo Foundation

SB120188/UCSB 20121499

01/01/12 – 08/31/14

\$20,000

The purpose of this application is to help buy out teaching in Fall 2012 so that I can focus on preparing a book-length manuscript comparing the history, content, and impact of political socialization on political participation for US immigrants of Chinese descent originated from a divided homeland with varying styles and stages of democratization. This is the final stage of a multi-year project that seeks to understand the roots of political attitudes and behavior among U.S. immigrants from East Asia. Focusing on the role of pre-migration political socialization, this project is a significant extension of my prior research. It attempts to unpack elements in immigrants' political learning in the three Chinas through the lens of citizenship (or civic, civil, moral) education received in the respective homeland of Taiwan, Hong Kong, and mainland China. Specifically, I would like to address three research questions in the proposed book: 1) How do educators and students in Taiwan, Hong Kong, and mainland China differ from each other in the conception, knowledge, and attitudes toward the teaching of citizenship education and learning of citizenship values? 2) To what extent does the education in each society promote support for liberal democratic citizenship and why? And 3) How does the content of homeland political socialization in Asia influence immigrant political participation and orientation in the United States?

The main research activities involved in this project are: 1) the conduct of extensive literature review on the legal-political-policy framework in each of the "three Chinas", 2) the identification, collection, and analyzing of large-scale survey data regarding comparative citizenship education and transnational political participation, and 3) the identification and interviewing of practitioners and leading scholars of citizenship education in Taiwan, Hong Kong, and mainland China. Both quantitative and qualitative data are analyzed to test the hypothesis that there will be distinct goals, processes, and outcomes of citizenship education in each of the societies regarding understandings of national and ethnic identity, political sovereignty, attitudes toward multiculturalism, concept and importance of social justice, civil liberties and individual rights, and values of political expression through voting and/or other forms of political participation. However, with the changing political context and paradigm shifts in citizenship education in each society, I anticipate the emergence of a set of regional-based core educational values as well as the forging of a common perception over the need to cultivate a set of civic knowledge and skills conducive to the development and practice of a global, democratically-oriented, citizenship across the three societies. Yet, I also expect to find the adoption of a "softer" set of criteria for democracy in mainland China and Hong Kong than the ones adopted in Taiwan, which is heavily – but not solely – influenced by the liberal democratic tradition of the United States. The degree of deviation from the American notion of democratic citizenship may help explain the distinct patterns of political attitudes and behavior found among Chinese and Asian American immigrants.

By bringing attention to research in Asia about the divergence and transformation in the epistemology and pedagogy of citizenship education in the three Chinas, the proposed research helps broaden knowledge and advance research of immigrant political behavior in the American context by promoting a nuanced understanding of the variable content of political socialization in the respective homeland in Asia. The findings are expected to help demystify the political behavior of “model minority” Asian Americans and improve understanding of the relationship between pre-migration political socialization and political participation both before and after international migration. They may shed light on the debate over whether these societies share a set of core values and understanding of citizenship education that may serve as the foundation for a distinct, Asian style or styles of democracy.

LINZ, DAN, Principal Investigator

Campus Sexual Misconduct: Using Perpetrator Risk Assessment and Tailored Treatment to Individualize Sanctioning

Fairleigh Dickinson University

DOJ0007-01

05/15/15 – 12/31/15

\$3,000

The site collaborator for the DOJ grant, will provide assistance for survey administration as follows:

- a) Selection and supervision of student proctors including adherence to procedures outlined by Fairleigh Dickinson University regarding survey administration and compliance with the DOJ privacy certificate and confidentiality requirements;
- b) Facilitating access to the respective institution's student populations; and
- c) Securing IRB approval, as necessary.

Student proctors will oversee survey administration, survey collection, debriefing of participants, and packaging and mailing surveys to FDU. The faculty member/site collaborator on this project will facilitate access to the student populations. This may include contacting various student organizations, i.e. Greek Life, Athletics, etc., and/or facilitating the process in order to list this project on the institution's submit pool, if applicable.

LUNDBERG, SHELLY, Principal Investigator

Examining the Role of Cognitive Ability, Personality, and Preferences in the Transmission of Inequality across Generations

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS15LS

07/01/13 – 06/30/15

\$7,311

This proposal requests support for the development of a grant proposal that will form part of a Program Project (P01) application to the National Institute on Aging that will be submitted on January 25, 2014. This specific project will examine mechanisms and variation in the intergenerational transmission of economic and social inequality using unique two-generation data from the National Longitudinal Study of Adolescent Health

(Add Health) and the newly-funded Add Health Parent Study (Add Health-PS). The work to be performed during the summer and fall of 2013 includes conducting a comprehensive literature review, developing empirical models, and completing preliminary data analysis, and I am requesting support for a graduate student assistant. The Principal Investigators for the Add Health-PS data collection (V. Joseph Hotz, Duke University and Kathleen Mullan Harris, University of North Carolina) and the multi-disciplinary group of ten co-investigators for that project (including me) will form the nucleus of the group of researchers who will develop the common cores and individual projects of the P01 to analyze the genetic, biological, health, and behavioral data on a recent cohort of young American and their parents. I am also requesting support to travel to a three-day planning meeting scheduled in August that will finalize plans for the cores and component projects of the P01 application.

MAAS, GRAYSON, Principal Investigator
STONICH, SUSAN, Co-Principal Investigator

Bridging the Identity Gap: Affordances and Constraints to becoming a “Science Person”
 UC Mexus
 SB140093/UCSB 20140268 01/01/14 – 12/31/15 \$4,867

In the United States there exist long-standing inequalities in the science workforce, and in higher education, for underrepresented minority groups and especially for Latinas/os. Mainstream education policy frames the issue as an "achievement gap" problem, yet framing equity concerns as such implies improvements in content knowledge to be the solution. Are we to assume that if all students performed equally well on standardized exams, underrepresentation would cease to exist? To better understand underrepresentation, we must understand how culture shapes students' school science identities. Perceptions of "science people" are influenced by powerful cultural-historical models of who these people are and who they are supposed to be. School science is shaped by sociopolitical legacies that reproduce these cultural models, which students draw on in ways that may encourage or constrain the understanding of themselves as competent and/or successful "science people". This research will answer the following questions: In what ways, and under what conditions, do underrepresented Latina/o youth develop and maintain successful school science identities? What are the barriers to these processes of development and maintenance, and what are the implications for future engagement with science?

MITHUN, MARIANNE, Principal Investigator

Athabascan Spoken Language Corpora: Ahtna (aht) and Navajo (nav)
 National Science Foundation
 BCS-0853598/UCSB 20090313 08/15/09 – 09/30/14 \$278,144

The goal of this project is to create a substantial record of spontaneous connected speech, particularly conversation, in two languages indigenous to North America. The languages to be recorded represent the two major branches of the large Athabascan group. Ahtna, a Northern Athabascan language, is spoken in Alaska, and Navajo, a Southern Athabascan language, is spoken over a wide area in the Southwest. Both languages are endangered:

There are only 30-50 Ahtna speakers of varying fluency, the youngest now in their seventies. There are more Navajo speakers, but very few children are now learning the language. The product will be two searchable language corpora, consisting of audio and video recordings and time-aligned transcriptions with translations.

Especially critically endangered is the kind of speech we plan to document. When one language is being replaced by another, among the first aspects of the heritage language to fade can be traditional patterns of expression. Younger generations of speakers, native bilinguals, may have essentially the same basic grammar as earlier generations. But the sentence and discourse structures they tend to choose become increasingly those that parallel structures in the encroaching language. New structures come into use that replicates those of the encroaching language. The result is that traditional ways of organizing thought in speech, and of interacting linguistically, can slip away nearly unnoticed. Grammatical categories and constructions without parallels in the encroaching language can disappear unobserved. This is occurring rapidly in both of the languages to be documented here.

The project will integrate research and education in two ways. The corpora are intended to serve as the basis for both scholarly research and language teaching and revitalization. A key element of the project is the training of graduate students, one of them Navajo, in language documentation, archiving, and linguistic analysis. The corpora are expected to serve as the foundation for their doctoral dissertations. The participation of under-represented groups is at the core of the project: the goal is the documentation of two languages indigenous to North America, for use by the communities now and in the future.

MITHUN, MARIANNE, Principal Investigator

DANIELS, DON, Co-Principal Investigator

Doctoral Dissertation Research: The History of the Sogeram Language Family

National Science Foundation

BCS-1264157/UCSB 20130250

06/15/13 – 11/30/15

\$14,363

This project will document the Sogeram languages of Madang Province, Papua New Guinea and reconstruct the morphosyntax of Proto-Sogeram. The nine Sogeram languages (Gants [gao], Mand [ate], Nend [anh], Manat [pmr], Apali [ena], Mum [kqa], Sirva [sbq], Aisi [mmq], and Kulsab [faj]) have, to date, been poorly documented. Aside from wordlists published by Z'graggen (1980a), published materials are available for only two Sogeram languages: Nend (Harris 1990) and Apali (Wade 1993, 1997), while unpublished materials are available for Mum.

This project will document and describe the remaining six Sogeram languages, which are completely undocumented morphosyntactically. The co-PI has already conducted ten months of research on this language family over three trips, culminating in a seven-month field trip in 2011 and 2012 during which he collected basic descriptive material on all six languages. The proposed project will fund a three-month follow-up trip to Papua New Guinea during which the co-PI will conduct targeted elicitation to fill descriptive gaps in the previously collected data. He will also expand the corpora that have already been collected

to include conversational data (a discourse genre which is under-represented in the corpora at present).

MITHUN, MARIANNE, Principal Investigator

WDZENCZNY, DIBELLA, Co-Principal Investigator

Doctoral Dissertation Research: The History of the Koryak Language and Its Dialects
National Science Foundation

1451796 / UCSB 20150020

06/01/15 – 05/31/17

\$20,034

This project investigates the history of the Koryak language [kpy] via linguistic documentation and analysis of its varied dialects, which form a broad, divergent continuum across the Kamchatka peninsula in the Russian Federation. The project will constitute a part of the co-PI's ongoing dissertation research on the Koryak language(s), and will contribute towards the completion of the dissertation "Proto-Koryak Morphosyntax". The ultimate research goal of this project is a reconstruction of Proto-Koryak phonology, morphology, and syntax and a better understanding of the diachronic developments leading to each of the divergent Koryak dialects, as well as the internal divisions within the Chukotko-Kamchatkan family at large. The value of a comparison of a large number of dialects lies in the potential it offers to demonstrate incremental change and highlight stages of grammatical change. However, given the nearly non-existent state of documentation and description for the Koryak dialects other than Palana Chawchu and Chavchaven, the project will also necessarily involve a great deal of documentation, primary description and grammatical analysis.

MOHR, JOHN

Measuring Culture

American Sociological Association

SB140036/UCSB 20130661

09/01/13 – 08/31/14

\$2,000

This ASA-FAD grant will enable us to convene a conference entitled "Measuring Culture." The conference (which will be hosted by the University of California, Santa Barbara) will bring together top scholars, both qualitatively and quantitatively oriented, to sit down together and discuss the problem of measurement in the sociology of culture today. The goal of the meeting will be to help forge a new set of common understandings and basic orientations towards measurement practices and measurement theories as they relate to the analysis of culture. We see this as a task that is critical to helping to move the sub-field of the sociology of culture forward toward a next stage of development as a coherent, productive and effective sub-field of social science. Papers written for this conference will be published in an edited volume designed to advance the field's approach to measuring culture.

MYERS, KAREN, Principal Investigator

Vocational Anticipatory Socialization Entry and Adjustment of Under-Represented Students

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS15MK

07/01/13 – 06/30/15

\$2,959

Through Vocational Anticipatory Socialization (VAS) individuals learn about and develop interests in educational and eventual career pursuits. This study examines VAS and communicative sources of VAS that affect students' vocational choice and their ability to succeed at the university and, in particular, in STEM majors. Previous research demonstrates that students in URS groups (first generation college students, first generation Americans, and racial minorities) typically have not received adequate academic preparation to excel in their university studies. I extend knowledge in this area by examining the role of VAS messages, financial and others pressures, and lack of family social support on several proximal outcomes such as lower student GPAs, feeling less integrated into the campus environment, and significantly lower graduation rates compared to non-URS. In addition, I explore these issues relative to lower enrollment and continuation in STEM-related majors. Finally, this research also explores other potential distal outcomes such as changes in family relationships and other types of social and psychological adjustment. Ultimately, the study should identify links between VAS and sources of socialization on career intentions and academic success.

OPREA, RYAN, Principal Investigator

Revealed Preferences and General Equilibrium in the Laboratory

UC Santa Cruz

UCSCMCA-14-008/UCSB 20140176 05/01/14 – 04/30/17

\$58,853

For this grant, PI Ryan Oprea will collaborate in designing and testing the experimental software, designing the experimental treatments and running the experiments proposed in the project description. Ryan will also be the primary data analyst on the grant and will be responsible for statistically characterizing the results of the experimental investigations. Ryan will also take a lead role in preparing manuscripts for review and undertaking revisions of the manuscripts. Finally Ryan will be responsible for presenting the findings of the studies proposed in the grant at academic conferences and invited seminars.

PLANTINGA, ANDREW, Principal Investigator
COSTELLO, CHRISTOPHER, Co-Principal Investigator
DEACON, ROBERT, Co-Principal Investigator
DESCHENES, OLIVER, Co-Principal Investigator
LIBECAP, GARY, Co-Principal Investigator
OLIVA, PAULINA, Co-Principal Investigator

Dissertation Workshops in Environmental Economics

Environmental Protection Agency

83497801/UCSB 20140245

07/01/11 – 06/30/16

\$148,390

This proposal addresses Area 1 of the EPA RFP: Environmental Economics Workshops. In particular, we propose a series of dissertation workshops, continuing the highly successful series “Occasional California Workshop on Environmental and Resource Economics.” These workshops are designed for junior scholars: graduate students and junior faculty. In fact, the primary objective is to help such scholars develop better research ideas and programs, as well as assist in communication among colleagues. Thus efforts are made to facilitate attendance and participation by PhD students from around California and the rest of far Western North America (Washington, Oregon, BC, Nevada, Arizona, northwest Mexico, Hawaii). Because of the reputation of these workshops, we frequently have attendees from other parts of the US and overseas. We do not typically support travel from outside the West.

Approximately every other year one of these dissertation workshops will be held at UC Santa Barbara. We expect approximately 100 participants for the 1-2 day event. We pay for a van to travel from each of the major universities in the state (most will have PhD students attending) and we house graduate students, two to a room, at the conference. To underscore the informal nature of the event, we only solicit papers and abstracts 4-5 months in advance. Graduate students at UCSB are used to screen the submittals. We also expect a number of faculty to participate. Presentations are of two types – short 5-10 minute presentations for which no papers are involved and longer (30 minute) presentations with discussants. Graduate students are used as discussants. We have found from experience that this design provides great opportunities for intellectual discussion and exchange.

In terms of results, we expect the field of environmental and resource economics to be strengthened by this effort. In fact, the earlier efforts (our first dissertation workshop at UCSB was in 1993, supported by the UC system) were so successful that similar regional workshops began in other parts of the US. We have also found that economists and graduate students may be attracted to the field of environmental economics through participation in the workshop. Deliverables consist of a proceeding in the form of a hyperlinked program for the workshop.

PULVER, SIMONE, Principal Investigator

Managing Offshore Wind and Aquaculture: How organizations Incorporate Uncertainty into Decision Making

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS16PS

07/01/14 – 06/30/16

\$7,507

Uncertainty is central to all environmental decision making. Most scholarship focuses on quantifying the uncertainties inherent in models of natural systems. More recently, attention has shifted to the general public's understanding of uncertainty. Missing from this literature is an analysis of organizations as key interpreters of uncertainty in environmental decision making. Focusing on two case studies of new coastal uses – offshore wind and aquaculture – this research investigates how key stakeholder organizations process and interpret uncertainty in coastal management settings.

The research goals are to compare the different organizational scripts by which regulatory agencies, companies in the private sector, and advocacy groups interpret uncertainty and incorporate it into their decision making. Research support is being sought for two sets of activities. The first is focused on collecting pilot data for two case studies of new offshore coastal uses in California: wind energy and aquaculture. Data gathered by this project will enhance the effectiveness of decisions about the sustainable use of coastal resources. Second, support is also being sought to expand the California-based research into a cross-national comparative project. Partial funding for the latter has been granted by the Orfalea Center for Global and International Studies through their Research Cluster program.

ROBERTS, LUKE, Principal Investigator

Bringing Politics Back into Japanese Cultural Studies

The Japan Foundation

22K-5015/UCSB 20140494

09/20/10 – 08/31/14

\$331,303

This initiative is designed to accomplish three goals: Make a theoretical statement about the necessity to bridge and put into fruitful tension with one another the study of the cultural, the political and the social throughout history. Make a methodological statement about the necessity to insert cultural studies at the center of the interplay of the political and the social throughout history at a time when nationwide political and economic forces corrode the possibilities for broad training and research that intellectually engages the cultural and humanistic. And, build on our core strengths, the willingness and capability of our Japan faculty to study Japanese culture in an interdisciplinary manner and engage outside faculty and graduate students in activities designed to further this interdisciplinary theme.

With the support of the Japan Foundation and matching funds from the University and the US Department of Education FLAS Grant Program and the Association for Asian Studies we propose (1) to hire one additional Japanese Studies faculty; (2) organize over the three-year grant period three packages of Summer Institutes and (3) a related set of Japanese

visiting professors, (4) boost the library budget by \$15,000 for targeted acquisitions divided over this three-year period, (5) increase the level of graduate student support , and (6) one two-year Faculty Fellowship.

ROSSIN-SLATER, MAYA, Principal Investigator

Special Analyses on the Effects of Paid Leave Policies

L&M Policy Research, LLC

UCALSB-PL-2014-01/UCSB 20141392 05/09/14 – 05/08/16

\$77,050

The goal of this research project is to review the existing evidence on paid family leave policies in the U.S., and to conduct novel research on outcomes and policies that have not yet been studied. More specifically, I will contribute to work on the following three tasks:

(1) Review of current state of knowledge on state paid parental leave laws:

Three states have implemented paid parental leave laws: California, New Jersey, and Rhode Island. These programs are still fairly new, and relatively little is known about their impacts to date. We will therefore produce at least one policy brief that summarizes the current state of knowledge about these state paid parental leave laws and what their impact has been on leave utilization and duration, as well as other impacts on employers and employees. In addition, we will complete an updated analysis of the impact of California's paid parental leave law. Two studies to date have analyzed the impact of California's paid parental leave law on labor market outcomes such as leave utilization, employment, and earnings. Rossin-Slater, Ruhm, and Waldfogel (2013) analyzed the impact of the law using Current Population Survey data through 2010. Baum and Ruhm (2013) analyzed the impact of the law using data from the National Longitudinal Survey of Youth 1997 through 2010. It is possible that take-up of the law may have increased since 2010 and/or that longer-run effects may now be detected. Accordingly, we will update one or both of these analyses taking advantage of more recent waves of data.

(2) Analysis of the impact of RI's new paid leave law:

Rhode Island's law came into effect in January 2014. A baseline survey of employers in Rhode Island and two neighboring states (Connecticut and Massachusetts) was administered in December 2013 by a group led by Bartel, Rossin-Slater, Ruhm, and Waldfogel. The survey is scheduled to be re-administered in late fall 2014 to gather data on how employer provisions and experiences have changed in the year since the law came into effect. Analysis of the data will shed light on baseline vs. post-law results in Rhode Island and the other two states.

(3) Analysis of paid leave effectively (but not explicitly) provided through other programs: New Jersey, Rhode Island and two other states, have Temporary Disability Insurance (TDI) programs that, under a Supreme Court decision, have the effect of providing paid leave to women during a portion of their pregnancy and after childbirth. Currently, we know little about how the effects of paid leave provided in this way are similar to or different from that provided explicitly through paid family leave programs. We therefore propose to extend the Rossin-Slater et al. (2013) analysis of paid leave in California to consider the effects of California's TDI program, as well as the other four states offering TDI, to examine how the

provision of TDI affects leave-taking and how these effects are similar or different from those of explicit paid family leave. This analysis is particularly important since all three of the states that have implemented paid parental leave laws have TDI laws.

ROYER, HEATHER, Principal Investigator

Commitment Contracts for Health-Behavior Change

National Institutes of Health/NIA

AG042051/UCSB 20140011

06/01/12 – 05/31/16

\$448,419

Many serious health problems, particularly those associated with aging, can be improved by regular exercise, yet many Americans struggle to establish a consistent exercise habit. One-third of Americans today do not participate in any leisure-time physical activity. As a result, health officials and policy makers have a keen interest in interventions that can promote exercise. This proposal takes a close look at commitment contracts - an innovative, but not-yet-widely-studied incentive program. Commitment contracts offer individuals the opportunity to set a goal and put their money at stake to reach that goal. If the person meets their goal, they get their money back, but if they do not succeed, they lose the money. Behavioral economic theory suggests that these contracts are useful for overcoming issues of self-control. Additionally, this theory predicts that the desire for commitment is stronger the further in the future the commitment begins.

We test these assertions by addressing the following specific aims: 1) to conduct a survey to better understand the demand for commitment contracts and their effectiveness, 2) measure the fraction of people interested in creating commitment contracts and test whether demand for them varies with contract starting date, and 3) estimate the effect of commitment contracts on exercise behaviors and the relative effectiveness of different commitment contracts. Under a unique partnership with a fitness gym consisting of 3,100 members, we propose to conduct a randomized real-world field experiment to study the effectiveness of these contracts. The population of gym members is particularly relevant for studying commitment because the purchase of a membership demonstrates a clear interest in exercising more, yet our preliminary data show that many fail to follow through with this intention.

We plan to study two types of contracts: a standard commitment contract with an immediate start date and a new type of commitment contract, a delayed commitment contract with a start date one month in the future. Our intervention combines gym-use data with unique survey measures, including information on self-efficacy, self-control, and time budgeting. We use these measures to better understand how individual characteristics predict commitment contract takeup. Our findings then can be used to target these contracts to individuals who may most benefit from them. Although our focus is on improving exercise behaviors, since problems of self-control are so pervasive in other dimensions of health behavior, commitment contracts may find wider application. Relative to other types of incentive programs, commitment contracts are appealing because they are low-cost, as they do not rely on external funds, and promote individual responsibility for setting and achieving health goals rather than relying on externally imposed health targets.

Thus, they may be implemented in settings where few resources are available for changing health behavior.

ROYER, HEATHER, Principal Investigator

The Impact of Community Health Centers on Access to Care and Health Outcomes

University Of Michigan

3002531057/UCSB 20140117

07/24/12 – 05/31/17

\$253,850

Heather Royer will take lead in the contemporary analysis of community health centers. She will also collaborate on the more historical analysis of community health centers. Given her background, her primary efforts will be aimed at using the regression kink design for the contemporary analysis of the impact of community health centers. Her work will involve understanding and then implementing studies based on historical survey data from the Office of Economic Opportunity as well as implementing research studies based on a regression kink design using current CHC funding rules. In the near term, the deliverables include (1) the preparation of an application to access the Census Research Data Centers (RDCs) at the University of Michigan and USC in order to access the Detailed Natality and Multiple Cause of Death Vital Statistics data and the restricted National Health Interview Survey data, (2) to characterize the data and measures contained in the 11-city OEO surveys and (3) to conduct preliminary analyses with these data. In year 2 I will use the OEO data to complete analysis by race, age-group, income, and insurance status of: sources of care, medication utilization (including separate measures of over-the-counter and prescription drug use), a range of test and treatments (including x-rays, spinal taps, operations on the heart, immunizations for those under age 14, dental care, etc.). In years 2 and 3, I will conduct analysis of more recent effects of CHCs on health care access using the NHIS data at USC's RDC. Years 4 and 5 will be dedicated to the write-up of our final results.

SALDIVAR TANAKA, EMIKO, Principal Investigator

Ethnic-Racial Formations and Racisms at the End of the Multicultural Turn in Mexico,

Preliminary Research

UC Mexus

SB150071/UCSB 20150349

11/01/14 – 10/31/15

\$1,500

The project is a comparative research project, which seeks to explore the impact of twenty-five years of multicultural policies and discourses on indigenous and afro-descendent peoples in Mexico. Specifically, the project directs its ethnographic and qualitative data analysis on the apparent contradiction between: the widespread implementation of multiculturalism policies and discourses, since the 1989 signing of the International Labor Organization (ILO) Treaty 169 on Indigenous and Tribal Rights, while at the same time, the persistent ongoing social inequality, racial discrimination and limits to effective participation for indigenous and afro-descendent people. Through three case studies, the project will generate a full appraisal of the multicultural period (from the 1989 ILO 169 treaty to now), guided by the following questions: How to account for the end of expansion of indigenous rights, while at the same time afro-descendent populations are finally gaining long overdue recognition? In what ways have ethnic and racial inequalities changed under multicultural policies and discourses?

The answers to these guiding research questions will provide a more complex understanding of the pervasiveness of ethnic- racial inequality despite multicultural reforms, through a largely understudied area of study in Mexico - expressions of racism and ethnic- racial formations. The three case studies are situated in the colliding states of Chiapas, Guerrero and Oaxaca that together have the largest indigenous population in the country, as well as a strong presence of indigenous mobilizations, and more recently, afro-mexican organizations

SCHNEIDER, BETH, Principal Investigator
OLIVER, MELVIN, Co-Principal Investigator

The UCSB McNair Scholars Program

SBEVC/SBEGFT

07/01/14 – 06/30/16

\$524,795

The UCSB McNair Scholars Program is fully funded by the offices of the Executive Vice Chancellor, the Letters of Sciences Executive Dean, and the L&S divisional deans, with commitments to continue through the end of September 2018. The McNair team will enter the national competition for federal support from the Department of Education in its next funding cycle in 2017. The McNair team also secured a gift from Edison that supports research activities of low-income STEM students.

The goals of the UCSB McNair Scholars Program remain consistent with the national program, despite lack of current funding from the Department of Education. The program is intended to promote entrance into doctoral studies for first-generation, low-income undergraduates and/or students under-represented in graduate study. The program remains available for students in all majors on the UCSB campus. Students in the McNair Scholars Programs have the opportunity to undertake two years of faculty mentored research and participate in seminars and workshops which prepare students for entrance to graduate school.

The UCSB-specific goals for the recipients of the McNair Scholarships include: 100% of McNair Scholars participating in a minimum of one faculty mentored research experience; 100% of McNair participants presenting their research at a minimum of two research symposia; 100% of active McNair participants in their senior year applying to post-baccalaureate programs prior to receiving their bachelor's degree; 75% of bachelor degree recipients enrolling in a post baccalaureate program by the fall term of the academic year immediately following completion of their degree.

SCHREIBER, KATHARINA, Principal Investigator
KERCHUSKY, SARAH, Co-Principal Investigator

Doctoral Dissertation Improvement Grant: Local Socioeconomic and Political Development in a Context of Imperial Expansion, Nasca-Wari Interactions at the site of Zorropa, Peru
National Science Foundation

BCS-1441840/UCSB 20141116

08/01/14 – 07/31/16

\$25,006

Empires use strategies that are tailored to local socio-political and economic circumstances to expand their territory and consolidate new peoples and regions. Investigating the local

circumstances (i.e., the historically contextualized local cultural practices, sociopolitical organization, and economic practices and organization) is therefore integral to a study of imperial interaction. The proposed project will investigate the impact of imperial encroachment on local cultural, political, and economic practices during the Middle Horizon (AD 750–1000) at a local habitation site Zorropata, located in the Las Trancas Valley in Nasca, Peru.

A 10-month program of archaeological survey, excavation, and analysis is proposed to investigate Nasca-Wari interactions during the Middle Horizon from a local perspective. Nasca culture developed in the arid Nasca and Ica Valleys during the Early Intermediate Period (EIP) (AD 1–750). In the Southern Nasca Region (SNR), the Wari Empire established three colonies, Pacheco, Pataraya, and Inkawasi in the northernmost valley, Nasca, and its two tributaries, Aja and Tierras Blancas, at the beginning of the Middle Horizon. Concomitant shifts in settlement patterns resulted in the majority of the local population relocating away from the Wari in the southernmost valley, Las Trancas. Settlement patterns from Las Trancas indicate increased stratification with the development of a hierarchical arrangement of sites. Zorropata is one of the largest Middle Horizon habitation sites (c. 30,000 m) in the Las Trancas Valley. Identified as a domestic site with a ceremonial function and a possible second-tier center this site is well suited for an investigation of imperial interaction from a local perspective. It has the potential to provide data on domestic life and economic activities and as a second-tier center, if Las Trancas communities interacted with the Wari this site may be a point at which that interaction occurred.

SMITH, STUART TYSON, Co-Principal Investigator

Collaborative Research: Impact And Accommodation Through Cultural Contact
National Science Foundation

BCS-1359496/UCSB 20140181

08/01/14 – 07/31/17

\$194,185

This project at the Third Cataract of the Nile in Sudanese Nubia investigates the impacts of Egypt's New Kingdom Empire (c. 1500-1050 BC) on the Nubian Kerma Culture and their interactions and entanglements with the colonists who settled at Tombos. The combination of Egyptian and Nubian sites at the cataract provides an opportunity to assess the cultural dynamic of Egypt's colonization. This proposal builds on previous excavation in the cemetery at Tombos, moving forward by situating the site and its ancient inhabitants within a larger cultural and biological landscape. This will allow for a comparison of the impacts on health and identity before and after the conquest and colonization of the area. The work funded by this proposal will explore the relationship between Egyptians and Nubians during the New Kingdom through excavation: 1) within the elite pyramid field in the cemetery, following up a geophysical survey; 2) in the previously unexplored settlement, which lies beneath the modern village of Tombos; 3) at a Kerma settlement and cemetery nearby at Hannek and Akkad. This project replaces older acculturation theory with a model of cultural entanglement that takes into consideration the agency of both indigenous and intrusive groups. Archaeology will be combined with a multi-disciplinary bioarchaeological approach, making possible a comparison of cultural entanglements through a study of material culture and social practices with biological affinities,

geographic origins, and indications of health and disease. This research project will address these questions through three seasons of archaeological fieldwork, with additional laboratory and statistical analyses at Purdue University and the University of California, Santa Barbara.

SONSTELIE, JON, Principal Investigator

California's Parcel Tax

Lincoln Institute of Land Policy

TRO031414/UCSB 20140971

03/18/14 – 12/31/15

\$25,000

The PI will write a paper for the Lincoln Institute on California's parcel tax. The paper will document the use of the tax and place it in the context of land taxation more generally. The paper will also identify practical difficulties in implementing a parcel tax and suggest ways in which these difficulties might be overcome. The paper will be aimed at policy makers.

The parcel tax is an outgrowth of Proposition 13, an initiative passed by California voters in 1978. The initiative limited the property tax rate to 1%, capping the main source of discretionary revenue for local governments. The Proposition allows local governments to levy "special" taxes with the approval of two-thirds of their voters. It was not specific about the nature of these taxes, however. In the early 1980s, a few school districts exercised this authority by levying taxes on parcels of land. Cities and counties soon followed suit. Because ad valorem taxes are limited to 1% by Proposition 13, parcel taxes cannot be taxes on the value of land. Instead, parcel taxes are generally a fixed amount per parcel. Every landowner pays the same tax regardless of the size or value of his or her property. In a few cases, local governments levy taxes on the square footage of property. In 2010, about 10% of California school districts levied a parcel tax.

Parcel taxes have a tenuous legal status. No legislation officially authorizes local governments to levy a tax on parcels of land. In a recent case, a California appeals court ruled that a parcel tax levied by the Alameda Unified School District was unconstitutional because it violated the uniformity principle. The California Supreme Court has declined to review that ruling. The tax in question was a flat \$120 per parcel for residential and small commercial properties. For parcels over 2,000 square feet, however, the tax was \$0.15 per square foot up to a limit of \$9,500 annually. While the court found this tax unconstitutional, it did not provide much guidance on what parcel taxes would be constitutional. The court did suggest that a flat tax per parcel would be constitutional, but it was less clear about a tax on square footage applied uniformly to all properties. In the end, this issue can only be clarified by explicit legislation. The aim of this paper is to influence that legislation.

STOLL, HEATHER, Principal Investigator

Social Diversity at the Subnational Level

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS16SH

07/01/14 – 06/30/16

\$7,990

This project is for graduate and undergraduate student research assistance to collect subnational data on social diversity of various types, from ethnicity to religion, in

democratic counties over time. The data will be collected by drawing upon national censuses and other government sources for different sub-national political units, ranging from the electoral district to the state. This project, the first of its kind, will generate data that will be useful to social scientists from various disciplines, notably political science and economics.

It will enable scholars to empirically investigate a number of research questions concerned with how social divisions manifest themselves in democratic politics. These questions range from the impact of social diversity upon democratic representation and public policy to how a democracy's electoral rules and other contextual features condition social diversity's effect: for example, the relationship between social diversity and the size of the welfare state, and the relationship between social diversity and the party system. The data collected with the support of the ISBER Social Science Research Grant Program will serve as a pilot project for a larger data collection project for which I and my collaborators will seek National Science Foundation funding.

THÉBAUD, SARAH, Principal Investigator

Leaning In or Leaning Out? Unpacking Biased Self-Assessments of Ability as a Theory of Gendered Career Choices

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS15TS

07/01/13 – 06/30/15

\$8,000

This proposal outlines a series of studies that extend a key “supply-side” theory of gender segregation across fields, occupations, and industries. The theory of biased self-assessments of ability argues that when gender status beliefs about a task are made salient, they evoke a gender-differentiated double standard for attributing performance to ability, which biases the way men and women assess their competence at career-relevant tasks, independent of actual ability. As a result, men and women form different aspirations for career paths believed to require competence at the task. This theory has been applied to explain gendered career choices in the areas of Science, Technology, Engineering and Math (STEM) and entrepreneurship, but has yet to be extensively developed or evaluated. I do so in two ways. First, I investigate whether the competitiveness of the local environment or the clarity of task criteria and standards in the evaluative context moderate self-biasing effects. Second, I evaluate the dynamic nature of biased self-assessments by examining their effects over repeated task evaluations. I develop and evaluate my hypotheses using social psychological theory and preliminary findings from 49 in-depth interviews with graduate students and post-docs in STEM fields. I then propose an extension of these interviews, as well as a series of experimental studies that will test my theoretical hypotheses. These studies will not only develop theory in this area, but they may also suggest practical solutions for administrators and policymakers whose aim to increase the recruitment and retention of talented women in entrepreneurship and STEM.

VOORHIES, BARBARA, Principal Investigator

Initial Planning Project for a Detailed Study of Prehistoric Subsistence and Transition to Agriculture on the Chiapas Coastal Plane, Mexico

UC Mexus

SB140073/UCSB 20140316

11/01/13 – 10/31/14

\$1,500

This funding will offset project expenses to be incurred in Chiapas, Mexico during a pilot study preparatory to an expanded project focusing on how ancient people changed their subsistence practices from dependency on wild resources to dependency on cultivated plants. In the expanded project I intend to seek extramural funding for archaeological excavations at selected sites where botanical and faunal remains indicative of past diets over time may be recoverable. The goal of the expanded project will be to obtain fine-grained data that directly model food practices at specific times and places, which will supplement existing data that provide a broad view of this economic transition.

During the pilot project an advanced graduate student and I will visit several archaeological sites to assess their potential for further study. We will also begin to collect seeds from various cultivated and non-cultivated plants as an initial step in creating a comparative collection to be used for the identification of archaeological plant remains. Finally, we will consult with several Mexican scholars to lay the groundwork for future collaboration.

WALKER, BARBARA, Principal Investigator

Strengthening Team Science and Work-Life Satisfaction in the UC System

Elsevier Foundation

SG140065/UCSB 20140247

01/01/14 – 12/31/15

\$67,000

Collaborative, interdisciplinary, team science-based research has become increasingly central in scientific discovery. Team science garners more funding and yields more impactful research, greater publication productivity, and higher impact publications (Stokols et al. 2008; Falk-Krzesinski et al. 2011; Elfner, et al. 2011, Hall et al. 2012, Salazar et al. 2012). Having a strong network of collaborators and mentors is critical to a more productive and successful academic career (Hitchcock 1995, Bland et al. 2005). Yet, women are less likely to participate in team science collaborations, and their participation in these networks develops later in their careers (Kyvik and Teigen 1996, Fox and Mohapatra 2007, Joshi 2010, Malmgren et al. 2010, Bear and Woolley 2011, Misra et al. 2012). The delay of women's participation in team science is linked to the critical time of family formation which also accounts for the largest leaks in the pipeline between Ph.D. receipt and tenure for women faculty (Goulden et al. 2009, Mason et al. 2013). Despite the importance of research productivity to tenure and promotion in academia, there are few formal training and mentoring opportunities in team science and collaboration.

The UC Team Science Retreat will ameliorate these disparities among early- to mid-career women scientists (including non tenure-track and post-doctoral scholars) in the 10 campuses of the University of California (UC) system. We will execute a series of retreats

over three years that build capacity for team science leadership, research design, and proposal writing among women researchers across STEM disciplines. The retreats will accommodate families and include child care, allowing participants to devote the time to initiate new research endeavors without being absent from their families or paying for child care. While the retreats will focus on issues facing women scholars, we will invite participation from multiple members of teams, including male members; this addition will create a climate of inclusion and will give women scholars the opportunity to address these issues with male colleagues in a supportive atmosphere. Greater work-life balance and satisfaction will result for participants who can gain team science leadership skills, experience and productivity earlier in their careers.

The Key Activities of each 4-day retreat are:

1. Training to develop the capacity for team science as well as the leadership and management skills necessary to be an effective team leader and member. This training includes an understanding of the challenges and benefits of diverse scientific teams, strategies for recruiting team diversity and increasing women’s participation and leadership roles in team science, team management best practices, and a better understanding of diversity and inclusion issues in academic settings as it relates to research productivity and recognition.
2. Intensive team science proposal development and grant writing workshops and 1:1 consultation. Workshops include identifying team science funding opportunities, understanding the differences between individual and larger collaborative proposals, developing specific proposal sections (introduction, conceptual framework and scope, theoretical orientation, methodology, budget), and crafting a unifying central theme and maintaining consistency in a complex proposal). Research development/team science and scientific writing experts will provide 1:1 consultations.

WALSH, CASEY, Principal Investigator

Groundwater Use and Management in the Context of Globalized Agriculture and Climate Change

UC Mexus

SB150016/UCSB 20141029

07/01/14 – 12/31/15

\$13,558

Agriculture in North America is confronting a water crisis with both environmental and social drivers. Climate change and globalized agriculture are combining to increase the demand for groundwater and the depletion of aquifers. In this project we analyze the use and management of groundwater in two settings: the Central Coast region of California where wine grapes are grown, and the Rio Duero watershed in northwestern Michoacán that produces berries. Conflicts have emerged in recent years in both these settings as expanding agricultural production has led to increased demand for subsoil water. Despite the similarities, however, these two socio-environmental fields are quite different, and the practicalities and politics of provisioning water thus take quite different forms in each.

Scholars from El Colegio de Michoacan and UCSB will undertake a collaborative research program that asks the following questions: How is agribusiness organized? What environmental and social conditions make these regions attractive to agribusiness? How

are water sources used in this agriculture? What is the legal/policy framework for water use? What social actors and institutions are involved in the production of high-value commodities? How do these actors participate in politics of water provisioning? What are the impacts of this agriculture on groundwater?

WEBER, RENE, Principal Investigator

Neurophysiology of Entertainment

SevenOne Media

SB070058/UCSB 20070341

11/01/06 – 12/31/16

\$21,730

The SevenOne Media Research Award was granted for supporting my general research activities, which will comprise several different research projects in the media research arena. Particularly, but not exclusively, I will use the award money to support my “Neurophysiology of Entertainment” research program. In this line of research I am conducting a series of studies that are designed to explain and predict why people enjoy specific entertaining media messages of various entertaining media genres.

WEINBERGER, CATHERINE, Principal Investigator

Career Dynamics in the Science and Engineering Workforce

National Science Foundation

SMA-1158795/UCSB 20120277

05/15/12 – 11/30/14

\$100,467

Motivated by intention to understand better ways to foster creative scientific productivity, the NSF has surveyed nationally representative samples of U.S. scientists and engineers for decades. A particular charge, mandated by congress in 1981, is to periodically evaluate the status of women and underrepresented minorities in the science and engineering workforce. The research will leverage more than three decades of longitudinal NSF Survey of Doctorate Recipients data (in which individuals can be followed over time) to expand the frontier of knowledge about career dynamics among Ph.D. scientists and engineers.

The current textbook explanation for gender differences in labor market outcomes among older workers, including (if not especially) scientists, is that women tend to fall behind men as they choose a less career-oriented work-family balance or as the effects of discrimination in promotion cumulate over the course of a career. Recent work by the PI and coauthors turns these explanations on their head. In fact, when individual workers (or scientists) are followed over time, the patterns that emerge reveal the opposite. Women tend to earn less than men from a very young age, but tend to be on a similar, or even faster, growth path than men. The low average earnings of older women are predicted by their low earnings at labor market entry.

The research completed to date has found this pattern within samples of college graduates and scientists at the bachelor’s or master’s degree levels, as well as samples of workers with all levels of education. The research will explore whether this phenomenon also occurs in labor markets for Ph.D. scientists and engineers.

The PI's earlier research on scientists at the bachelor's or master's degree levels also found that one group of women—the small subset with exceptionally high earnings to begin with—tends to fall behind men with comparably strong early attainments over time. (This effect is not simply an artifact of measurement error). The research proposed here will clarify whether Ph.D. scientists and engineers (either as a whole, or within subsets defined by field of study) tend to follow patterns similar to the highest-paid scientists at the bachelor's or master's degree level, as opposed to the overall patterns observed within samples of somewhat less educated workers, or whether new patterns of career dynamics are yet to be discovered.

A related line of inquiry will investigate variation in the number of hours worked per week by Ph.D. Scientists and Engineers, including how typical work hours vary across subfields, institution types, over time, and by gender or race. Once these patterns have been described, correlations between hours worked per week, or variation in weekly hours over the career, with earnings growth will also be investigated.

This study will lead to new knowledge about the dynamics of career progress, both on average and at different centiles of the distribution of early attainments.

WILLIAMS, RON, Principal Investigator

AVSS Technical Assistance

California Department of Health

11-10077/UCSB 20140582

07/01/14 - 12/31/16

\$749,031

The Health Data Research Facility provides information technology to hospitals, local health departments, and to the California Department of Public Health. This enables state and local health agencies to establish and maintain electronic databases containing all birth certificates that have been registered in California for over a decade. The databases are the source for the reporting of California vital events to the National Center for Health Statistics. Electronically matched infant birth and death certificates from AVSS are also the source of an annual "birth cohort file" that is used by researchers throughout the state.

WILSON, GREG, Principal Investigator

The Role of Warfare in Mississippian Period Political Development

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS15WG

07/01/13 - 06/30/15

\$6,470

This funding will support fieldwork at two archaeological sites in Fall 2013. This fieldwork will lay the foundation for a National Science Foundation research grant on the history of warfare during the Mississippian period Central Illinois River Valley. Between A.D. 1150 and A.D. 1450 this region witnessed a dramatic intensification in warfare. Analyses of skeletal populations from this time period indicate that inhabitants experienced a higher rate of violence-related injury than most other contemporaneous groups in North America. Moreover, excavations have revealed that a number of the region's fortified towns and villages were attacked and burned to the ground. It is unclear, however, how this violent history impacted the development of stable political systems and the establishment of long-

lasting communities. This issue is of broader concern within the anthropology of warfare in that scholars actively debate if and how ancient warfare provided opportunities for the development of political complexity or hindered political expansion and lead to societal collapse. Funds are requested for travel, food, and lodging for me and four graduate students to employ a survey technique known as magnetometry at two sites that date to the end of this era of intensified hostilities. This survey will provide data on the size, residential organization, and occupational longevity of both of these fortified towns. These data will in turn provide insight into how chronic warfare impacted occupational and political stability during the Mississippian period occupation of the region. This research will also provide important training and field experience in remote sensing techniques for the graduate students involved, each of which plans to use this survey method in their dissertation research.

WILSON, GREG, Principal Investigator

VANDERWARKER, AMBER, Co-Principal Investigator

Collaborative Research - Living with War: The Impacts of Chronic Violence on Everyday Life in the Central Illinois River Valley

National Science Foundation

BCS-1062290/UCSB 20110206

04/01/11 – 03/31/16

\$270,000

This archaeological research project seeks to determine the impacts of chronic warfare on the everyday lives of people living in the 13th-century Central Illinois River Valley. Archaeological data linking escalating violence with both settlement nucleation and declining health in the Central Illinois River Valley from A.D. 1200 to 1425 reveal that the causal dimensions of warfare were not restricted to political centralization and collapse but reshaped other, more mundane aspects of life. Determining the impacts of this violence on the Mississippian groups subject to these hostilities will help explain the historical trajectory of conflict culminating in the abandonment of the region around A.D. 1425. A geophysical survey, combined with three seasons of excavation targeting residential groups at the Eveland site will identify subsistence practices and household/community organizational patterns that predate the period of escalating violence in this region. Laboratory analysis of collections from a previously excavated site (Orendorf) that post-dates the increase in violent attacks will also be conducted, enabling the documentation of domestic changes occurring as a result of the intensification of warfare.

Project goals include determining (1) if and how people altered their subsistence pursuits in response to the increased risk of attack while foraging, fishing, and farming, and (2) if and how people altered the size and arrangement of their households and communities as a result of nucleation into fortified villages. The study will accomplish these goals through: (1) an analysis of the archaeobotanical assemblages from the Eveland and Orendorf sites; (2) an analysis of the faunal, ceramic, and lithic assemblages from the Eveland site, with comparison to the unpublished analyses of datasets from the Orendorf site; and (3) a GIS-based analysis of the Eveland site map and existing site maps from the Orendorf site, linking artifacts with architecture to determine changing spatial arrangements and activity areas.

WILSON, GREG, Principal Investigator

VANDERWARKER, AMBER, Co-Principal Investigator

Collaborative Research - Living with War: The Impacts of Chronic Violence on Everyday Life in the Central Illinois River Valley

National Science Foundation (REU Supplement)

BCS-1062290 / UCSB 20111568 04/01/11 – 03/31/16

\$1,927

In 2011, Drs. Greg Wilson and Amber VanDerwarker were awarded NSF funding for three seasons of fieldwork at the Eveland site in the Central Illinois River Valley of west-central Illinois. This research explores the catastrophic and wide-ranging impacts of chronic violence on the lives of Mississippian peoples in the region. Specifically, we investigate several research hypotheses concerning how Mississippian groups may have modified their subsistence strategies and community spatial patterns to cope with the intensifying risk of attack. Our REU supported student will conduct a research project related to a specific subsistence-related hypothesis of the larger project. The project co-PIs hypothesize that concerns over safety would have led to new constraints on mobility, which in turn would have negatively impacted villagers' abilities to produce and collect subsistence resources as violence escalated in the region. The REU candidate would address this issue as it relates to changes in fishing strategies throughout the regional sequence, by comparing the fish assemblage recovered during the Eveland excavations (in which Ms. Haas will be participating) to one of the existing fish assemblages from the Orendorf site, which post-dates the Eveland occupation.

This proposal seeks funding for a Research Experience Grant for Undergraduates (REU) supplement to an existing NSF award (BCS-1062290). The REU would fund an undergraduate Anthropology student at UCSB for six weeks of field research at the Eveland site in the Central Illinois River Valley. This research would significantly benefit this student as it would provide hands on experience in data recovery and analysis. The selected student plans to attend graduate school in Anthropology, specializing in Archaeology. The REU supplement will also fund the undergraduate student during the academic year 2011/12.

WILSON, GREG, Principal Investigator

VANDERWARKER, AMBER, Co-Principal Investigator

Collaborative Research - Living with War: The Impacts of Chronic Violence on Everyday Life in the Central Illinois River Valley

National Science Foundation (REU Supplement)

BCS-1062290 / UCSB 20121471 04/01/11 – 03/31/16

\$8,370

This grant is for a Research Experience Grant for Undergraduates (REU) supplement to an existing NSF award (BCS-1062290). The REU would fund two undergraduate anthropology students (Ms. Allison Gracer and Ms. Leslie Castro) at UCSB for six weeks of field research at the C. W. Cooper site in the Central Illinois River Valley. This research would significantly benefit these students as it would provide hands-on experience in data recovery and analysis. The selected students plan to attend graduate school in anthropology, specializing in archaeology. Following participation in the field project, Ms. Gracer and Ms. Castro would pursue a related research project during the 2012-2013

academic year, culminating in a senior thesis project for Ms. Gracer (Ms. Castro is a rising junior) and conference presentations at the Society for American Archaeology.

WINANT, HOWARD A., Principal Investigator

MRPI: New Racial Studies in the Age of Obama

UC Office of the President

09-146867/UCSB 20100184

07/01/10 – 09/30/15

\$341,169

What is the significance of race in the post-civil rights era, the post-colonial era, the era of Obama? Enormous transformations are occurring in racial dynamics: not only in the momentous 2008 election, but also in the transition to a US national demographic of a “majority-minority” society: one in which no single racially-defined group represents a majority of the population. That pattern was established in California in the year 2000, and now exists in numerous other states, and many of the nation’s major cities as well. As usual, California leads the nation, but according to current projections the entire US will become “majority-minority” around the year 2042; the US population under 30 will be “majority-minority” in 2028, a mere two decades from now (US Dept. of the Census 2008). [US Department of the Census, National Population Projections, <http://www.census.gov/population/www/projections/>, release date Aug.14, 2008.] What are the implications of this trend for social policy, political processes, and cultural life? How will this transition affect local, state, and national patterns of social/spatial organization and social control, legal regulation, employment and residence, communications and the arts, and overall socio-economic status? What effects will this “identity shift” in the US have upon the country's foreign relations and its international role? A “great transformation” is underway in the meaning and social structure of race, and UC is uniquely situated to play a positive role in it.

This MRU will be an active network that links race-oriented UC scholars from across the disciplines. We will create faculty-led Research Working Groups (RWGs), provide Innovative Graduate Training, and build a New Racial Studies Network, first across the UC system and later nationally and internationally. We intend to offer support and training for faculty-led, innovative research on race-oriented topics; to support postdoctoral and pre-doctoral research linked to specified research priorities; to host meetings and symposia at participating UC campuses; and to establish significant publication and internet programs. Most centrally, we seek to revivify, and most importantly to influence, the study of race. This MRU has the real potential, we believe, to re-establish the UC system -- once the institutional home of Ralph Bunche, Troy Duster, Gene Cota-Robles, Ralph Guzman, Yuji Ichioka, and Sucheng Chan (to name but a few of many pioneering UC race scholars -- at the forefront of national influence on race and justice issues in the 21st century.

YOUNG, MICHAEL, Principal Investigator
EQUINOA, KIMBERLY, Co-Principal Investigator
DUNLAP, JILL, Co-Principal Investigator

kNOw MORE: Preventing Sexual Assault, Stalking, Domestic Violence and Dating Violence (SSDV) at UCSB

U.S. Department of Justice

2011-WA-AX-0008/UCSB 20121148 10/01/11 – 01/31/15

\$297,779

The project would serve up to 22,218 students and impact 22,751 Santa Barbara County residents in the adjacent community. Part of the state funded University of California system, UCSB is located on California's Central Coast. Though primarily a residential university, many students live off campus in the adjacent community of "Isla Vista" where SSDV threats are considerable.

Previous Office of Violence Against Women funding through the UC Flagship consortium project supported UCSB in developing an effective Coordinated Community Response (CCR) team. UCSB and the CCR team have implemented OVW's four minimum requirements and further evaluated Stalking, Sexual Assault and Domestic Violence and Dating Violence (SSDV) issues at UCSB. Based on their analysis UCSB is advancing a proposal to achieve these goals: 1. Increase SSDV prevention education by implementing the kNOw MORE SSDV at UCSB campaign using social marketing strategies, and targeted messages for underserved, hard to reach, and high influence students. 2. Training Liaisons within campus and Isla Vista communities in active bystander intervention - SSDV response strategies. 3. Ensure timely, effective victim response 4. Conduct targeted SSDV outreach to underserved and hard to reach student populations. 5. Promote victim-centered responses by law enforcement and judicial affairs members, and awareness of options such as university, criminal and options, including reporting incidents, protective orders and other assistance offered to student victims of SSDV. 6. Offer students a wide range of SSDV services/options so victims are able make informed decisions and are assisted in healing. 7. Confirm policies and procedures to respond to SSDV, in a UCSB kNOw MORE SSDV Campus Guide to be institutionalized at UCSB.

Through these efforts the RPEP will promote a kNOw MORE SSDV at UCSB Campaign, produce a written Campus Guide, and institutionalize CCR team roles to stem SSDV threats.

YOUNG, MICHAEL, Principal Investigator
STANFORD, JEANNE, Co-Principal Investigator

Statewide Student Mental Health Services

UC Office of the President

11-CALMHA-09/UCSB 20140051 08/01/11 – 10/31/14

\$612,580

In the Spring of 2009 UCSB administered the American College Health Association National College Health Assessment to UCSB students. Results of the survey indicated that 4.5% of UCSB undergraduates (N=931) reported they "seriously considered suicide" in the last 12 months. In recent years, Counseling Services has also reported a rise in students seeking mental health services on campus. In the 2007-2008 academic year, 99 suicide attempts

were reported and 341 reports of suicidal ideation were documented within therapy sessions. By 2009-2010 there were 277 suicide attempts reported and over 460 reports of suicidal ideation in therapy sessions. Numbers of referrals to the Student Behavioral Intervention team have increased significantly over the past four years. Two additional staff were hired in the Dean's office to deal more effectively with the rise in student mental health needs. Clearly, the trend is not going in the desired direction despite UCSB's committed efforts to educate students about mental health issues. These issues seem to be universal. UC Office of the President is submitting a "Statewide Student Mental Health Initiative" proposal on behalf of the ten UC campuses, working with input from the UC Student Mental Health Committee and the directors of our campus based UC Counseling and Psychological Service Centers (CAPS) statewide. Through a single source application package, UCOP aims to secure funding (est. 6,900,000) for the ten campuses to implement a statewide initiative in two phases.

In the first phase, programs will be offered at UCs to address faculty/staff/student training, peer-to-peer mentoring and suicide prevention activities. The program's second phase incorporates several CSU and CCC sites across the state, educational projects and collaborative efforts to increase access to mental health services for all students in the three systems of public higher education.

ZHAO, XIAOJIAN, Principal Investigator

The Urban Goes Rural: Negotiating Class, Gender and Regional Boundaries in Mao's China
UCSB: ISBER Social Science Research Grant Program (SSRGP)
SS14ZX 06/01/12 - 06/30/15 \$7,945

This project aims to examine a unique large-scale migration in modern China: the sent-down youth movement that accompanied the Cultural Revolution (1966-76). This movement is one of the only contexts in which the more typical migration pattern-in China and elsewhere—of peasants migrating to cities was reversed, with approximately 17 million of young urban residents sent to live in rural areas for up to ten years. In collaboration with Chinese scholars, my project will draw on previously unused archival materials, in conjunction with interviews, to examine questions concerning internal migration in China: the urban-rural divide in Maoist China, the social and economic aspects of that divide, and the implications of crossing that divide-in terms of class, gender, and regional identities--for both urban youth and their rural hosts. Although the sent-down youth movement is only one aspect of the broader Cultural Revolution, it is central to understanding migration in contemporary China. Based on preliminary research, I believe that the social and economic links forged between urban and rural residents in the context of the sent-down youth movement have provided a critical and previously unrecognized infrastructure for rural development and migration during the post-Mao economic reforms.



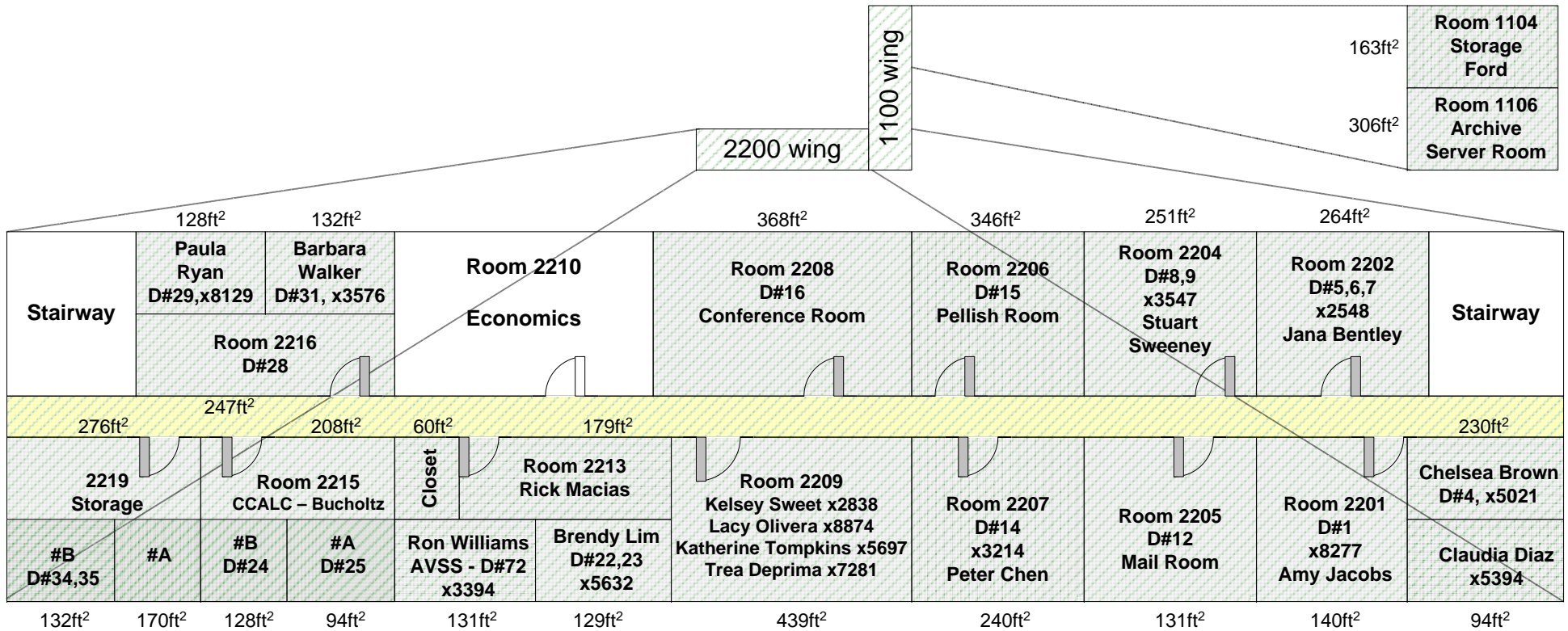
ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

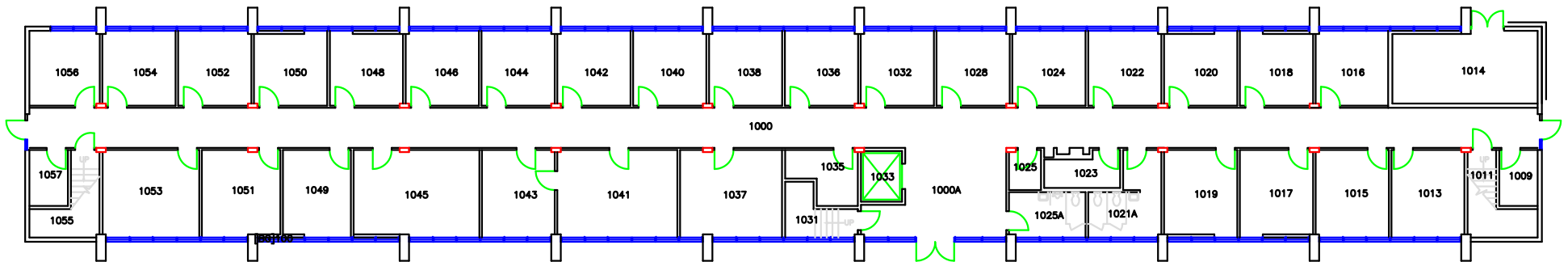
Space Allocation 2014-2015

www.isber.ucsb.edu

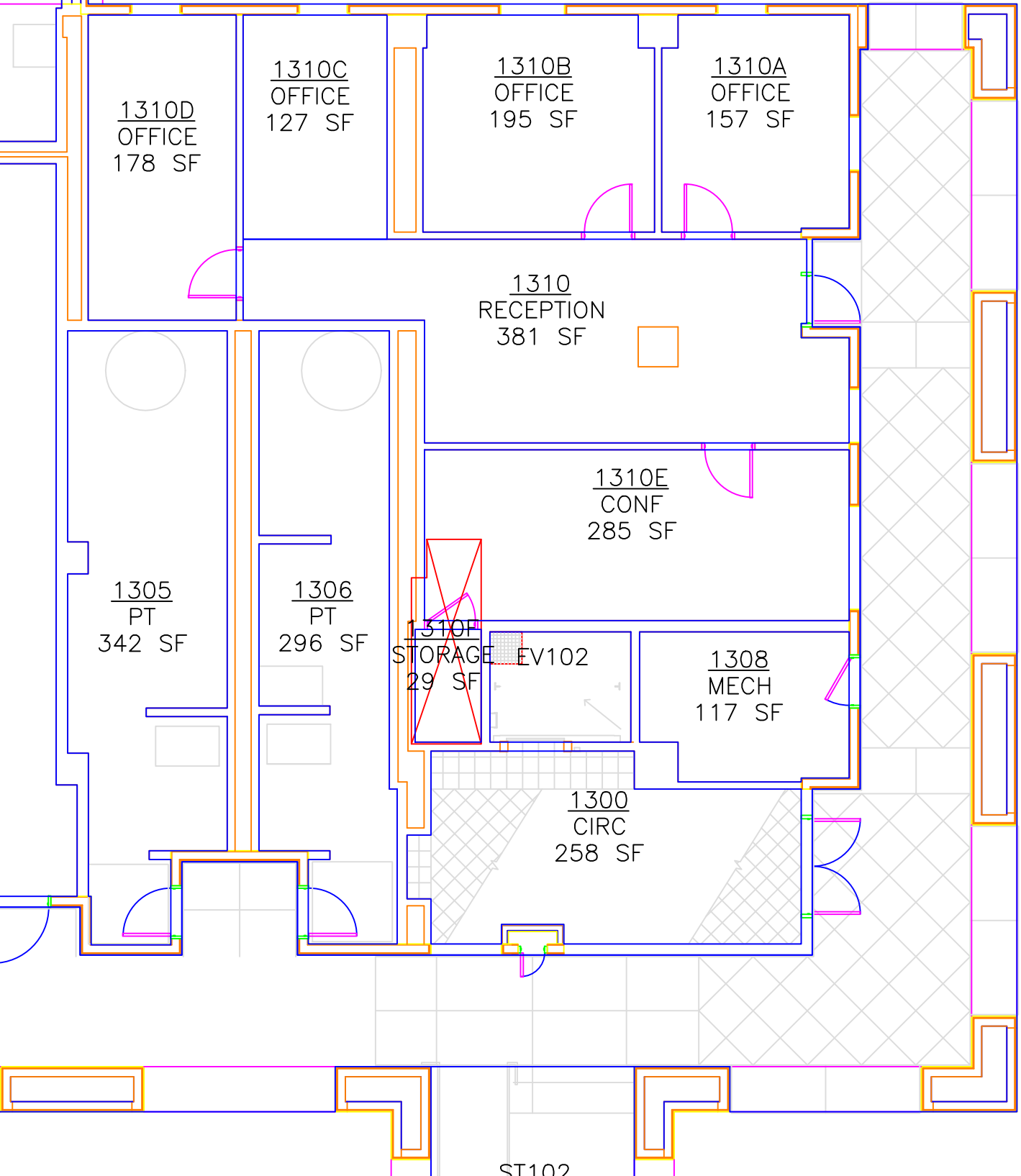
ISBER North Hall 2200 & 1100 Wing



North Hall 1000 Wing

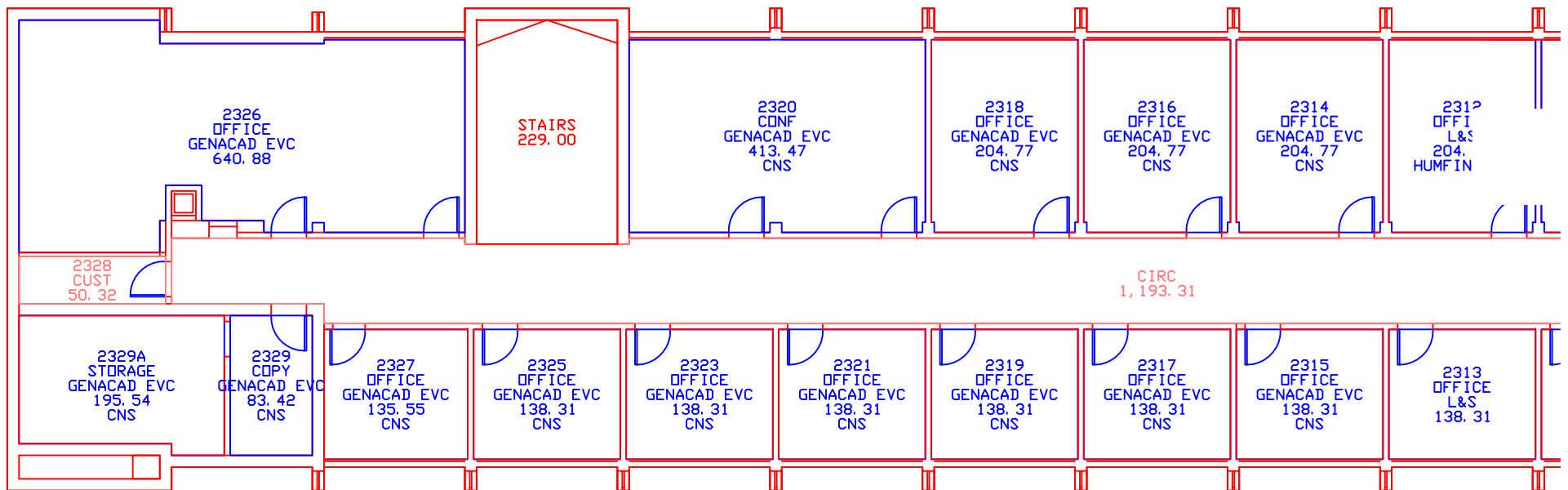


SSMS Building



ST102

Girvetz Hall





ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Publications & Presentations 2014-2015

www.isber.ucsb.edu

PUBLICATIONS
July 1, 2014 – June 30, 2015

EILEEN BORIS

Boris, Eileen, Jokela, Merita and Unden, Megan (2015). *Enforcement Strategies for Empowerment: Models for the California Domestic Worker Bill of Rights*. An Informational Policy Report for Stakeholders, UCLA Labor Center, June 3, 2015.

MARY BUCHOLTZ

Lee, Jin Sook and Bucholtz, Mary (2015). Language Socialization across Learning Spaces. In Numa Markee (Ed.), *Handbook of Classroom Discourse and Interaction* (pp. 319-36). Malden, MA: Wiley-Blackwell.

Bucholtz, Mary, Casillas, Dolores Inés and Lee, Jin Sook (2015). Team Collaboration and Educational Partnership in Sociocultural Linguistics. *American Speech* 90(2), 230-245.

Bucholtz, Mary, Casillas, Dolores Inés and Lee, Jin Sook (forthcoming). Beyond Empowerment: Accompaniment and Sociolinguistic Justice in a Youth Research Program. In Robert Lawson and Dave Sayers (Eds.), *Sociolinguistic Research: Application and Impact*. London: Routledge.

LEDA COSMIDES

JOHN TOOBY

Pietraszewski, D., Cosmides, L. and Tooby, J. (2014). The Content of Our Cooperation, Not the Color of Our Skin: Alliance Detection Regulates Categorization by Coalition and Race, but Not Sex. *PLoS ONE*, 9(2): e88534. doi:10.1371/journal.pone.0088534.

Robertson, T. E., Delton, A. W., Klein, S. B., Cosmides, L. and Tooby, J. (2014). Keeping the Benefits of Group Cooperation: Domain-specific Responses to Distinct Causes of Social Exclusion. *Evolution & Human Behavior*, 35(6), 472-480.

Sell, A, Cosmides, L. and Tooby, J. (2014). The Human Anger Face Evolved to Enhance Cues of Strength. *Evolution and Human Behavior*, 35(5), 425-429.

Krasnow, M.M., Delton, A.W., Cosmides, L. and Tooby, J. (2015). Group Cooperation without Group Selection: Modest Punishment can Recruit much Cooperation. *PLoS ONE*, 10(4): e0124561. doi:10.1371/journal.pone.0124561.

Pietraszewski, D. Curry, O. S., Petersen, M. B., Cosmides, L. and Tooby, J. (2015). Constituents of Political Cognition: Race, Party Politics, and the Alliance Detection System. *Cognition*, 140, 24–39.

Sznycer, D., Schniter, E., Tooby, J. and Cosmides, L. (2015). Regulatory Adaptations for Delivering Information: The Case of Confession. *Evolution and Human Behavior*, 36(1), 44-51.

EVE DARIAN-SMITH

Darian-Smith, Eve (2015). Global Law Firms in Real-World Contexts: Practical Limitations and Ethical Implications. *Beijing Law Review*, 6, 92-101.

Darian-Smith, Eve (2015). Human Rights, Indigeneity and Neocolonialism. An Essay Prepared for Special Issue. In Benjamin Authers (Ed.), *Aspirational Rituals: Promises and Utopias in Human Rights*.

Darian-Smith, Eve (2015). The Constitution of Identity: New Modalities of Nationality, Citizenship, Belonging and Being. In Austin Sarat and Patty Ewick (Eds.), *Wiley Handbook of Law and Society* (pp. 351-366). Wiley-Blackwell.

ANABEL FORD

Ford, Anabel and Nigh, Ronald (2015). *The Maya Forest Garden: Eight Millennia of Sustainable Cultivation of the Tropical Woodlands*. Walnut Creek, CA: Left Coast Press.

DIANE FUJINO

Fujino, Diane C. (2014). Sister Yuri, the Revolutionary Spirit of Bandung. *Amerasia Journal* 40(3), 28-32.

Fujino, Diane C. (2015). Black Militants and Asian American Model Minorities: Contesting Oppositional Representations; or, On Afro-Asian Solidarities. *Kalfou: A Journal of Comparative and Relational Ethnic Studies* 2(1), 97-116.

ROLAND GEYER

Zink, T., Maker, F., Geyer, R., Amirtharajah, R. and Akella, V. (2014) Comparative Life Cycle Assessment of Smartphone Reuse: Repurposing vs. Refurbishment. *International Journal of Life Cycle Assessment*, 19(5), 1099-1109.

Geyer, R., Kuczenski, B., Zink, T. and Henderson, A. (2015) Common Misconceptions about Recycling. *Journal of Industrial Ecology*.

Zink, T., Geyer, R. and Startz, R. (2015) A Market-Based Framework for Quantifying Displaced Production from Recycling or Reuse. *Journal of Industrial Ecology*. published online.

BARBARA HARTHORN
RICHARD APPELBAUM
CRAIG HAWKER
W. PATRICK MC CRAY

Beaudrie, Christian E. H., Satterfield, Terre, Kandlikar, Milind, and Harthorn, Barbara H. (2014). Scientists versus Regulators: Precaution, Novelty & Regulatory Oversight as Predictors of Perceived Risks of Engineered Nanomaterials. *PLoS ONE*, 9(9). e106365. doi: 10.1371/journal.pone.0106365.

Beaudrie, Christian E. H., Kandlikar, Milind, Gregory, Robin, Long, Graham and Wilson, Tim. (2014). Nanomaterial Risk Screening: A Structured Approach to Aid Decision Making under Uncertainty. *Environment Systems and Decisions*, 1-22. doi: 10.1007/s10669-014-9529y.

Gavankar, Sheetal, Anderson, Sarah and Keller, Arturo A. (2014). Critical Components of Uncertainty Communication in Life Cycle Assessments of Emerging Technologies. *Journal of Industrial Ecology*. doi: 10.1111/jiec.12183.

Motoyama, Yasuyuki, Cao, Cong and Appelbaum, Richard. (2014). Observing Regional Divergence of Chinese Nanotechnology Centers. *Technological Forecasting and Social Change*, 81(0), 11-21. doi: <http://dx.doi.org/10.1016/j.techfore.2013.02.013>

Pidgeon, Nick, Demski, Christina, Butler, Catherine, Parkhill, Karen and Spence, Alexa. (2014). Creating a National Citizen Engagement Process for Energy Policy. *Proceedings of the National Academy of Sciences of the United States of America*, 111(Suppl. 4), 13606-13613. doi: 10.1073/pnas.1317512111.

Appelbaum, Richard. (2014). China: Innovator or Follower. *China Policy Institute Blog* from <http://blogs.nottingham.ac.uk/chinapolicyinstitute/2014/12/05/china-innovator-or-follower/>

Copeland, Lauren and Hasell, Ariel. (2014). Framing Effects on People's Expressed Willingness to Purchase Nanotechnology Applications in the U.S. In Christopher Coenen, Anne Dijkstra, Camilo Fautz, Julia Guivant, Kornelia Konrad, Colin Milburn & Harro van Lente (Eds.), *Innovation and Responsibility: Engaging With New and Emerging Technologies*, 5, 87-106. Berlin: IOS Press.

Copeland, Lauren and Smith, Eric RAN. (2014). Consumer Political Action on Climate Change. In Yael Wolinsky-Nahmias (Ed.), *Changing Climate Politics: US Policies and Civic Action* (pp. 197-217). Thousand Oaks, CA: CQ Press.

Novak, David. (2014). Disturbance. In Daisuke Naito, Ryan Sayre, Heather Swanson & Satsuki Takahashi (Eds.), *To See Once More the Stars: Living in a Post-Fukushima World* (pp. 99-102). Santa Cruz: New Pacific Press.

Newfield, Chris and Boudreaux, Daryl. (2014). Learning From Solyndra: Filling Gaps in the US Innovation System. In Shyama Ramani, V. (Ed.), *Nanotechnology and Development: What's In It for Emerging Countries?* (pp. 39-72). Cambridge: Cambridge University Press.

Charles, Maria, Harr, Bridget, Cech, Erin and Hendley, Alexandra. (2014). Who Likes Math Where? Gender Differences in Eighth-Graders' Attitudes Around the World. *International Studies in Sociology of Education*, 24(1), 85-112. doi: 10.1080/09620214.2014.895140.

Engeman, Cassandra. (2014). Social Movement Unionism in Practice: Organizational Dimensions of Union Mobilization in the Los Angeles Immigrant Rights Marches. *Work, Employment & Society*. doi: 10.1177/0950017014552027.

Foladori, Guillermo, Appelbaum, Richard, Invernizzi, Noela and Záyago Lau, Edgar. (2014). Nanotecnología y Trabajadores: Declaración de Curitiba. *Observatorio del Desarrollo*, 3(9), 73-75.

Foladori, Guillermo and Záyago Lau, Edgar. (2014). The Regulation of Nanotechnologies in Mexico. *Nanotechnology Law & Business*, 11, 164-171.

Kay, Luciano, Newman, Nils, Youtie, Jan, Porter, Alan L. and Rafols, Ismael. (2014). Patent Overlay Mapping: Visualizing Technological Distance. *Journal of the Association for Information Science and Technology*, 65(12), 2432-2443. doi: 10.1002/asi.23146.

Záyago Lau, Edgar, Foladori, Guillermo, Frederick, Stacey and Arteaga Figueroa, Edgar. (2014). Researching Risks of Nanomaterials in Mexico. *Journal of Hazardous, Toxic, and Radioactive Waste*, 0(0), B4014001. doi: doi:10.1061/(ASCE)HZ.2153-5515.0000247.

Newfield, Christopher. (June 2014). Christensen's Disruptive Innovation after the Lepore Critique. *AAUP Academe Blog* from <http://academeblog.org/2014/06/25/christensens-disruptive-innovation-after-the-lepore-critique/>

Newfield, Christopher. (August 5, 2014). How Can Public Universities Pay for Research? *Remaking the University*. from <http://utotherescue.blogspot.com/2014/08/how-can-public-research-universities.html>

Newfield, Christopher. (September 17, 2014). Some Implications of the Regents' Proposed UC Ventures. *Remaking the University* from <http://utotherescue.blogspot.com/2014/09/some-implications-of-regents-proposed.html>

Shah, Sonali K. and Mody, Cyrus. (2014). Creating a Context for Entrepreneurship: Examining How Users' Technological and Organizational Innovations Set the Stage for Entrepreneurial Activity. In Brett Frischmann, Michael Madison & Katherine Strandburg (Eds.), *Commons in the Cultural Environment* (pp. 313-339). New York: Oxford University Press.

Choi, Hyungsub. (2015). Emerging Opportunities: Nanoelectronics and Engineering Research in a South Korean University. *History and Technology*, 1-20. doi: 10.1080/07341512.2015.1008961.

Choi, Hyungsub and Shields, Brittany. (2015). A Place for Materials Science: Laboratory Buildings and Interdisciplinary Research at the University of Pennsylvania. *Minerva*, 53(1), 21-42. doi: 10.1007/s11024-015-9265-6.

Han, Xueying, Stocking, Galen, Gebbie, Matthew A. and Appelbaum, Richard P. (2015). Will They Stay or Will They Go? International Graduate Students and Their Decisions to Stay or Leave the U.S. Upon Graduation. *PLoS ONE*, 10(3), e0118183. doi: 10.1371/journal.pone.0118183.

Frederick, Stacey, Rogers-Brown, Jennifer and Shearer, Christine. (2015). Nanotechnology in Society: An Overview. In Tonya Lindsey (Ed.), *Short Subjects*. Sacramento: California Research Bureau.

Foladori, Guillermo and Lau, Edgar Záyago. (2015). La Regulacion de las Nanotecnologias en Mexico. *Revista Legislativa de Estudios Sociales y de Opinion Publica*, 7(14), 123-146.

Powers, Christina M, Grieger, Khara D, Beaudrie, Christian, Hendren, Christine, Ogilvie, Michael Davis, J., Wang, Amy and Gift, Jeffrey S. (2015). Data Dialogues: Critical Connections for Designing and Implementing Future Nanomaterial Research. *Environment Systems and Decisions*, 35(1), 76-87. doi: 10.1007/s10669-014-9518-1.

BRANDON KUCZENSKI

Kuczenski, B. and Beraha, S. (2015). Antelope - A Web Service for Publishing Life Cycle Assessment Models and Results. *ISSST: Proceedings of the International Symposium on Sustainable Systems and Technologies, 3*.
doi: 10.6084/m9.figshare.1510989

Kuczenski, B. (2015). Partial Ordering of Life Cycle Inventory Databases. *International Journal of Life Cycle Assessment* (accepted).

DEBRA LIEBERMAN

Lieberman, D.A. (2015). Using Digital Games to Promote Health Behavior Change. In S.S. Sundar, (Ed.), *The Handbook of the Psychology of Communication Technology* (pp. 507-527). Malden, MA: Wiley Blackwell.

Lieberman, D.A., Biely, E., Thai, C.L., and Peinado, S. (2014). Transfer of Learning from Video Game play to the Classroom. In F. Blumberg (Ed.), *Learning by Playing: Video Gaming in Education* (pp. 189-203). Oxford University Press.

MARIANNE MITHUN

Mithun, Marianne (in press). Affix Ordering: Motivation and Interpretation. In Andrew Hippisley and Gregory Stump, (Eds.), *The Cambridge Handbook of Morphology*, (chapter 7). Cambridge, UK: Cambridge University Press.

LISA PARKS

Wang, Shiyuan, Agrawal, Divyakant and El Abbadi, Amr (2014). Towards Practical Private Processing of Database Queries over Public Data. *Distributed and Parallel Databases, 32*(1), 65-89.

Emekçi, Fatih, Metwally, Ahmed, Agrawal, Divyakant and El Abbadi, Amr (2014). Dividing Secrets to Secure Data Outsourcing. *Information Sciences: an International Journal, 263*, 198-210.

Mahmoud, Hatem A., Arora, Vaibhav, Nawab, Faisal, Agrawal, Divyakant and El Abbadi, Amr (2014). MaaT: Effective and Scalable Coordination of Distributed Transactions in the Cloud. *PVLDB, 7*(5): 329-340.

Puttaswamy, P. N. Krishna, Wang, Shiyuan, Steinbauer, Troy, Agrawal, Divyakant, El Abbadi, Amr, Kruegel, Christopher and Zhao, Ben Y. (2014). Preserving Location Privacy in Geosocial Applications. *IEEE Transactions on Mobile Computing*, 13(1), 159-173.

Bimber, B. (2014). Digital Media in the Obama Campaigns of 2008 and 2012: Adaptation to the Personalized Political Communication Environment. *Journal of Information Technology & Politics*, 11(1), 130-150.

Gil de Zuñiga, H., Copeland, L. and Bimber, B. (2014). Political Consumerism and Political Participation: The Social Media Connection. *New Media & Society*, 16(3), 488-506.

Curtin, Michael, Holt, Jennifer and Sanson, Kevin (Eds.). (2014). *Distribution Revolution: Conversations about the Future of Film and Television*. Oakland, CA: University of California Press.

Leonardi, P.M. (2014). Social Media, Knowledge Sharing, and Innovation: Toward a Theory of Communication Visibility. *Information Systems Research*, 25(4), 796-816.

Liu, Alan. (2014). The Big Bang of Online Reading. In Paul Longley Arthur and Katherine Bode (Eds.), *Advancing Digital Humanities: Research, Methods, Theories* (pp. 274-90). Palgrave Macmillan.

McCray, P. (2014). How Astronomers Digitized the Sky. *Technology and Culture*, 55(4), 908-944.

Bulger, M. E., Mayer, R. E. and Metzger, M. J. (2014). Knowledge and Processes that Predict Proficiency in Digital Literacy. *Reading and Writing: An Interdisciplinary Journal*. DOI: 10.1007/s11145-014-9507-2.

Hocevar, K., Flanagin, A. J. and Metzger, M. J. (2014). Social Media Self-efficacy and Information Evaluation Online. *Computers in Human Behavior*, 39, 254-262.

Flanagin, A. J., Metzger, M. J., Pure, R., Markov, A. and Hartsell, E. (2014). Mitigating Risk in Ecommerce Transactions: Perceptions of Information Credibility and the Role of User-generated Ratings in Product Quality and Purchase Intention. *Electronic Commerce Research*, 14, 1-23.

Flanagin, A. J. and Metzger, M. J. (2014). Digital Media and Perceptions of Source Credibility in Political Communication. In K. Kenski and K. H. Jameson (Eds.), *Oxford Handbook of Political Communication*. Oxford University Press.

Metzger, M. J. (2014). Broadcasting versus Narrowcasting: Do Mass Media Exist in the 21st Century? In K. Kenski and K. H. Jameson (Eds.), *Oxford Handbook of Political Communication*. Oxford University Press.

Metzger, M. J. and Flanagin, A. J. (2014). Online Health Information, Credibility. In T. L. Thompson (Ed.), *The Encyclopedia of Health Communication* (pp. 976-978). Thousand Oaks, CA: Sage.

Metzger, M. J. and Pure, R. (2014). Electronic Commerce and Online Trust. In R. Mansell and P. -H. Ang, (Eds.), *The International Encyclopedia of Digital Communication and Society*, Wiley Blackwell-ICA Encyclopedias of Communication. Malden and Oxford: Wiley. ISBN 9781118290743.

Parks, L. (2014) Drones, Infrared Imagery, and Body Heat. *International Journal of Communication*, 8, (Feature) 2518–2521.

Pearce, K. E. and Rice, R. E. (2014). The Language Divide—The Persistence of English Proficiency as a Gateway to the Internet: The Cases of Armenia, Azerbaijan, and Georgia. *International Journal of Communication*, 8, 2834-2859.
<http://ijoc.org/index.php/ijoc/article/view/2075>

Mikal, J. P., Rice, R. E., Kent, R. and Uchino, B. (2014). Common Voice: Analysis of Content Convergence on a Website Characterized by group Identification and Social Attraction. *Computers in Human Behavior* (special issue on Social Media, part 3), 35, 506-515.

Siegel, G. (2014). *Forensic Media: Reconstructing Accidents in Accelerated Modernity*. Duke University Press.

Copeland, Lauren and Smith, Eric (2014). Political Consumerism: Individual Action on Climate Change and Other Environmental Problems. In Yael Wolinsky-Nahmias (Ed.), *Climate Change Policy and Civic Society*, Washington, D.C.: Congressional Quarterly Press, 197-217.

Hodges, Heather E., Kuehl, Colin, Sparks, Aaron and Smith, Eric. (2014). Delivering Energy (Often) Requires Public Consent. In Raphael Heffron and Gavin Little (Eds.), *Delivering Energy Law and Policy in the EU and the US: A Reader*. Edinburgh, Scotland: University of Edinburgh Press.

Sweeney, C., Kneip, L., Höllerer, T. and Turk, M. (2014). Computing Similarity Transformations from Only Image Correspondences. *The IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*.

Vaquero, D. and Turk, M. (2014). Composition Context Photography. *WACV 2015: IEEE Winter Conference on Applications of Computer Vision*.

Sweeney, C., Flynn, J. and Turk, M. (2014). Solving Relative Pose with a Partially Known Rotation is a Quadratic Eigenvalue Problem. *The IEEE International Conference on 3D Vision*.

Gauglitz, S., Nuernberger, B., Turk, M. and T. Höllerer, T. (2014). In Touch with the Remote World: Remote Collaboration with Augmented Reality Drawings and Virtual Navigation. *Proceedings of the 20th ACM Symposium on Virtual Reality Software and Technology (VRST)*. Edinburgh, UK.

Baričević, D., Höllerer, T., Sen, P. and Turk, M. (2014). User-perspective Augmented Reality Magic Lens from Gradients. *Proceedings of the 20th ACM Symposium on Virtual Reality Software and Technology*.

Fujimoto, E. and Turk, M. (2014). Non-Visual Navigation Using Combined Audio Music and Haptic Cues. *Proceedings of the 16th International Conference on Multimodal Interaction (ICMI)*. Istanbul, Turkey.

Gauglitz, S., Nuernberger, B., Turk, M. and T. Höllerer, T. (2014). World-Stabilized Annotations and Virtual Scene Navigation for Remote Collaboration. *Proceedings of the 27th ACM Symposium on User Interface Software and Technology (UIST)*. Honolulu, Hawaii.

Sweeney, C., Fragoso, V., Höllerer, T. and Turk, M. (2014). gDLS: A Scalable Solution to the Generalized Pose and Scale Problem. *Proceedings of the European Conference on Computer Vision*. Zürich, Switzerland.

Toyoura, M., Aruga, H., Turk, M. and Mao, X. (2014). Mono-spectrum Marker: An AR Marker Robust to Image Blur and Defocus. *The Visual Computer*, 30(9), 1035-1044.

Venegas, C. (2014). Cuba, Cyberculture and Exile Discourse. In Marsha Kinder and Tara McPherson, (Eds.). *Interactive Frictions: Productive Analogies in Old and New Media*, Oakland, CA: University of California Press.

Wang, Gang, Wang, Bolun, Wang, Tianyi, Nika, Ana, Zheng, Haitao and Zhao Ben Y. (2014). Whispers in the Dark: Analysis of an Anonymous Social Network. *Proceedings of the 14th ACM SIGCOMM Internet Measurement Conference (IMC)*. Vancouver, Canada.

Nika, Ana, Zhang, Zengbin, Zhou, Xia, Zhao, Ben Y. and Zheng, Haitao (2014). Towards Commoditized Real-time Spectrum Monitoring. *Proceedings of First ACM Workshop on Hot Topics in Wireless (HotWireless)*. Maui, HI.

Zhu, Yibo, Zhou, Xia, Zhang, Zengbin, Zhou, Lin, Vahdat, Amin, Zhao, Ben Y. and Zheng, Haitao (2014). Cutting the Cord: A Robust Wireless Facilities Network for Data Centers. *Proceedings of 20th Annual International Conference on Mobile Computing and Networking (MobiCom)*. Maui, HI.

Zhu, Yibo, Zhang, Zengbin, Marzi, Zhinous, Nelson, Chris, Madhow, Upamanyu, Zhao, Ben Y. and Zheng, Haitao (2014). Demystifying 60GHz Outdoor Picocells. *Proceedings of 20th Annual International Conference on Mobile Computing and Networking (MobiCom)*. Maui, HI.

Agrawal, Divy, El Abbadi, Amr and Salem, Kenneth. (2015). A Taxonomy of Partitioned Replicated Cloud-based Database Systems. *IEEE Data Engineering Bulletin*, 38(1), 4-9.

Agrawal, Divyakant, El Abbadi, Amr, Arora, Vaibhav, Budak, Ceren, Georgiou, Theodore, Mahmoud, Hatem A., Nawab, Faisal, Sahin, Cetin and Wang, Shiyuan (2015). Mind your Ps and Vs: A Perspective on the Challenges of Big Data Management and Privacy Concerns. *BigComp*, 1-6.

Nawab, Faisal, Arora, Vaibhav, Agrawal, Divyakant and El Abbadi, Amr (2015). Chariots: A Scalable Shared Log for Data Management in Multi-Datacenter Cloud Environments. *EDBT*, 13-24.

Elmore, Aaron J., Arora, Vaibhav, Taft, Rebecca, Pavlo, Andrew, Agrawal, Divyakant and El Abbadi, Amr (2015). Squall: Fine-Grained Live Reconfiguration for Partitioned Main Memory Databases. *SIGMOD Conference*, 299-313.

Nawab, Faisal, Arora, Vaibhav, Agrawal, Divyakant and El Abbadi, Amr (2015). Minimizing Commit Latency of Transactions in Geo-Replicated Data Stores. *SIGMOD Conference*, 1279-1294.

Copeland, L. and Bimber, B. (2015). Variation in the Relationship between Digital Media Use and Political Participation in U.S. Elections Over Time, 1996-2012: Does Obama's Re-election Change the Picture? *Journal of Information Technology & Politics*, 12(1), 74-87.

Bimber, B., Cantijoch, M., Copeland, L. and Gibson, R. (2015). Digital Media and Political Participation: The Moderating Role of Political Interest Across Acts and Over Time. *Social Science Computer Review*, 33(1), 21-42.

Bimber, B. (2015). Three Challenges for the Future of Political Communication Research. In Homero Gil de Zuñiga, (Ed.), *New Technologies and Civic Engagement* (pp. 215-233). New York: Routledge.

Holt, J. and Vonderau, P. (2015). Cloud Politics: Data Centers as Digital Media Infrastructure. In Lisa Parks and Nicole Starosielski (Eds.), *Signal Traffic: Critical Studies of Media Infrastructures*. University of Illinois Press.

Treem, J.W., Dailey, S.L., Pierce, C.S. and Leonardi, P.M. (2015). Bringing Technological Frames to Work: How Previous Experience with Social Media Shapes the Technology's Meaning in an Organization. *Journal of Communication*, 65(2), 396-422.

Meyer, S.R., Pierce, C.S., Kou, Y., Leonardi, P.M., Nardi, B. and Bailey, D.E. (2015). Offshoring Digital Work, But Not Physical Output: Differential Access to Task Objects and Coordination in Globally Distributed Automotive Engineering and Graphic Design Work. Proceedings of the 48th Hawaii International Conference on System Sciences (HICSS), 1758-1767.

Bailey, D.E. and Leonardi, P.M. (2015). *Technology Choices: Why Occupations Differ in Their Embrace of New Technology*. MIT Press.

Leonardi, P.M. (2015). Materializing Strategy: The Blurry Line Between Strategy Formulation and Strategy Implementation. *British Journal of Management*, 26(S1), S17-S21.

Leonardi, P.M. and Meyer, S.R. (2015). Social Media as Social Lubricant How Ambient Awareness Eases Knowledge Transfer. *American Behavioral Scientist*, 59(1), 10-34.

Liu, Alan and Thomas III, William G. (2015). Humanities in the Digital Age. In Patrik Svensson and David Theo Goldberg (Eds.), *Between Humanities and the Digital* (pp. 45-40). Cambridge, MA: MIT Press.

Holt, J. and Malčić, S. (forthcoming, 2015). The Privacy Ecosystem: Regulating Digital Identity in the U.S. and EU. *Journal of Information Policy*.

Metzger, M. J. and Flanagin, A. J. (2015). Psychological Approaches to Credibility Assessment Online. In S. S. Sundar (Ed.), *The Psychology of Communication Technology* (pp. 445-466). Hoboken, NJ: Wiley-Blackwell.

Metzger, M. J. (2015). Foreword. In L. Stebbins, *Finding Reliable Information Online*. Rowman & Littlefield.

Parks, L. and Starosielski, Nicole (Eds.). (2015) *Signal Traffic: Critical Studies of Media Infrastructures*. Champaign-Urbana: University of Illinois Press.

Parks, L. (2015) Water, Energy, Access: Materializing the Internet in Rural Zambia. In L. Parks and Nicole Starosielski (Eds.), *Signal Traffic: Critical Studies of Media Infrastructures*. Champaign-Urbana: University of Illinois Press.

Parks, L. (2015) Earth Observation and Signal Territories: Studying U.S. Broadcast Infrastructure through Historical Network Maps, Google Earth, and Fieldwork. In Wendy Chun and Tom Keenan (Eds.), *New Media Reader*, second edition. London: Routledge. (reprint)

Parks, L. (2015) Satellites and Peacebuilding in East Africa. Center for Global Communication Studies Occasional Paper Series on ICTs, Statebuilding and Peacebuilding in Africa. Number Six, February 2015. Publication solicited by Annenberg School of Communication and the Carnegie Commission.

Parks, L. (2015) 'Stuff You Can Kick': Toward a Theory of Media Infrastructures. In David Theo Goldberg and Patrik Svensson (Eds.), *Between Humanities and the Digital*. Cambridge, MA: MIT Press.

Parks, L. (2015) Cover Your Webcam: Unencrypting Laura Poitras's *Citizenfour*, *Film Quarterly*, 68(3), 11-16.

Raley, R. (2015). The Ordinary Arts of Political Activism. In Peter Weibel (Ed.) *Global aCtIVISm: Art and Conflict in the 21st Century*. MIT Press.

Zackrisson, E. J., Seibold, D. R. and Rice, R. E. (2015). Organizational Coordination and Communication: A Critical Review and Integrative Model. In E. L. Cohen (Ed.) *Communication Yearbook*, vol. 39 (pp. 195-233). New York, NY: Routledge.

DeMartino, C. H., Rice, R. E. and Saltz, R. (2015). An Applied Test of the Social Learning Theory of Deviance to College Alcohol Use. *Journal of Health Communication*, 20(4), 479-490. doi: 10.1080/10810730.2014.988384.

Rice, R. E. (2015). Some Thoughts About Studying Communication. In K. Vaidya (Ed.), *Communication for the Curious: Why Study Communication* (Chapter 23, 11 pages). The Curious Academic Publishing.

Smith, Eric and Brune, Michael (2015). Misleading Optimism on Climate Change. *Environment: Science and Policy for Sustainable Development*, 57(2), 22-27.

Moreno, N., Savage, S., Leal, A., Cornick, J., Turk, M. and Höllerer, T. (2015). Motivating Crowds to Volunteer Neighborhood Data. *CSCW: ACM Conference on Computer-Supported Cooperative Work*.

Moreno, N., Savage, S., Leal, A., Cornick, J., Turk, M. and Höllerer, T. (2015). Inspiring Neighborhood Data Contributions through Different Motivators. *Information Technology and City Life Workshop at CSCW: ACM Conference on Computer-Supported Cooperative Work*.

Lien, K., Gibson, J. and Turk, M. (2015). High-Order Regularization for Stereo Color Editing. *IEEE International Conference on Image Processing (ICIP)*.

Zhu, Yanzi, Zhu, Yibo, Zhao, Ben Y. and Zheng, Haitao (2015). Practical 60GHz Mobile Radar. *Proceedings of 21st Annual International Conference on Mobile Computing and Networking (MobiCom)*. Paris, France.

Zhu, Yibo, Kang, Nanxi, Cao, Jiaxin, Greenberg, Albert, Lu, Guohan, Mahajan, Ratul, Maltz, Dave, Yuan, Lihua, Zhang, Ming, Zheng, Haitao and Zhao, Ben Y. (2015). Packet-Level Telemetry in Large Datacenter Networks. *Proceedings of ACM SIGCOMM*. London, UK.

Zhu, Yanzi, Xue, Jilong, Wilson, Christo, Zhao, Ben Y. and Dai, Yafei (2015). Uncovering User Interaction Dynamics in Online Social Networks. *Proceedings of International AAAI Conference on Weblogs and Social Media (ICWSM)*. Oxford, UK.

Nika, Ana, Zhu, Yibo, Ding, Ning, Jindal, Abhilash, Hu, Y. Charlie, Zhou, Xia, Zhao, Ben Y. and Zheng, Haitao (2015). Energy and Performance of Smartphone Radio Bundling in Outdoor Environments. *Proceedings of 24th International World Wide Web Conference (WWW)*. Florence, Italy.

Zhu, Yibo, Zhu, Yanzi, Zhang, Zengbin, Zhao, Ben Y. and Zheng, Haitao (2015). 60GHz Mobile Imaging Radar. *Proceedings of 16th Workshop on Mobile Computing Systems and Applications (HotMobile)*. Santa Fe, NM.

Wang, Gang, Wang, Tianyi, Wang, Bolun, Sambasivan, Divya, Zhang, Zengbin, Zheng, Haitao and Zhao, Ben Y. (2015). Crowds on Wall Street: Extracting Value from Collaborative Investing Platforms. *Proceedings of 18th ACM conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*. Vancouver, Canada.

Metzger, M. J., Flanagin, A. J., Markov, A., Pure, R. and Bulger, M. (in press). Believing the Unbelievable: Understanding Young People's Information Literacy Beliefs and Practices in the United States. *Journal of Children and Media*.

Metzger, M. J., Flanagin, A. J., and Nekmat, E. (in press). Comparative Optimism in Online Credibility Evaluation Among Parents and Children. *Journal of Broadcasting & Electronic Media*.

McCray, P. (forthcoming, 2015). Gravity and Geese. *Leonardo*.

Vengegas, C. (forthcoming 2015). Cuban Filmmaking and the Post-Capitalist Transition. In Patrice Petro and Keenan Ferguson (Eds.). *After Capitalism*, New Brunswick, NJ: Rutgers University Press.

Venegas, C. (forthcoming 2015). Fresa y chocolate: the Allure of Passions and Controversies. In Andrés Lema-Hincapie and Debra Castillo (Eds.). *Despite All Adversities: Spanish-American Queer Cinema*. Albany, NY: SUNY Press.

Wojcieszak, M., Feldman, L., Stroud, N. and Bimber B. (forthcoming). Partisan News and Political Participation: Exploring Causal Pathways. *Political Communication*.

Stromer-Galley, J., Bryant, L., and Bimber, B. (forthcoming). Context and Medium Matter: Expressing Disagreements Online and Face-to-Face in Political Deliberations. *Journal of Public Deliberation*.

JON SONSTELIE

Sonstelie, Jon (2014). *California's Parcel Tax*. Lincoln Institute of Land Policy.

Sonstelie, Jon (2015). Parcel Taxes as a Local Revenue Source in California. *Public Policy Institute of California*.

Sonstelie, Jon and Jones, Bree (forthcoming 2015). The Parcel Tax as a Source of Revenue for California Public Schools. *National Tax Journal*.

CATHERINE WEINBERGER

Weinberger, Catherine J. (2014). The Increasing Complementarity between Cognitive and Social Skills. *The Review of Economics and Statistics*, 96(5), 849-861.

Weinberger, Catherine J. (2014). Are There Racial Gaps in High School Leadership Opportunities? Do Academics Matter More? *The Review of Black Political Economy*, 41(4), 393-409.

PRESENTATIONS
July 1, 2014 – June 30, 2015

EILEEN BORIS

Eileen Boris presented "Enforcement Strategies for Empowerment: Models for Domestic Worker Bill of Rights," at the Fourth Conference on Regulating Decent Work, International Labor Organization, Geneva, Switzerland, July 9, 2015.

MARY BUCHOLTZ

Mary Bucholtz presented "'Respeto Mi Idioma': Promoting Linguistic Diversity and Sociolinguistic Justice through Youth Research and Activism," to the Department of English, California State University, San Bernardino, California, October 23, 2014 (invited).

Mary Bucholtz, Dolores Inés Casillas and Jin Sook Lee presented "Accompaniment, Sociolinguistic Justice, and Youth Agency," at the Annual Meeting of the American Educational Research Association, Chicago, IL, April 20, 2015.

Mary Bucholtz presented "'Respeto Mi Idioma': Promoting Linguistic Diversity and Sociolinguistic Justice through Youth Research and Activism," to the Department of Anthropology, Northern Arizona University, Flagstaff, AZ, April 2015 (invited).

Mary Bucholtz presented "Interpreting Touch: Entextualization and Embodiment in a Child Molestation Case," to the Applied Linguistics Program, Department of English, Northern Arizona University, Flagstaff, AZ, April 2015 (invited).

Mary Bucholtz, Dolores Inés Casillas and Jin Sook Lee presented "Language and Culture as Sustenance: Feeling, Knowing, Doing, Transforming," at Culturally Sustaining Pedagogies: Teaching and Learning for Justice in a Changing World, Half Moon Bay, California, May 2, 2015 (invited).

DOLORES INÉS CASILLAS

Dolores Casillas presented "Ingles Sin Barreras, Rosetta Stone, and the Politics of Language Learning," at the International Latino Studies Association. Chicago, IL, July 18, 2014.

Dolores Casillas presented "Ingles Sin Barreras, Rosetta Stone, and the Politics of Language Learning," at the American Studies Association Annual Meeting, Los Angeles, CA, November 8, 2014.

**LEDA COSMIDES
JOHN TOOBY**

Leda Cosmides presented “Cognitive Adaptations for Social Exchange,” at Centro de Investigación Avanzada en Educación (Center for Advanced Research on Education), Universidad de Chile, Santiago, Chile, August 14, 2014.

Leda Cosmides taught a graduate workshop on “Methods in Evolutionary Psychology,” at Centro de Investigación en Complejidad Social (Center for Research on Social Complexity), Universidad del Desarrollo, Santiago, Chile, August 18, 2014.

Leda Cosmides presented “Why Don’t People Appreciate the Invisible Hand?: Reciprocity and the Welfare of Others,” at Facultad de Humanidades, Universidad de Santiago de Chile, August 19, 2014.

Leda Cosmides presented “Evolutionary Psychology and the Design of Human Reasoning: Cognitive Adaptations for Social Exchange,” at the Centro de Investigación en Complejidad Social (Center for Research on Social Complexity), Facultad de Gobierno, Universidad del Desarrollo, Santiago, Chile, August 20, 2014.

Leda Cosmides and John Tooby presented “Erasing Race in California and Brazil: Racial Categorization Varies Systematically Across Seven Brazilian States,” at the Center for Behavior, Evolution, and Culture, UCLA, Los Angeles, CA, October 27, 2014.

Leda Cosmides presented “Cognitive Adaptations for Social Exchange,” at the Instituto de Ecología y Biodiversidad (Institute for Ecology and Biodiversity), University of Chile, Santiago, Chile, November 17, 2014.

Leda Cosmides and John Tooby presented “Can Race be “Erased? Evolutionary Psychology, Alliance Detection, and Culture,” (keynote) at the first Chilean and Latin-American Meeting on Evolutionary Psychology, Santiago de Chile, November 21, 2014.

Leda Cosmides and John Tooby presented “Can Race be “Erased”? Evolutionary Psychology, Alliance Detection, and Culture,” at the Evolutionary Psychology Preconference, Society for Personality and Social Psychology, Long Beach, CA, February 26, 2015.

Daniel Sznycer presented “Economic Redistribution from an Evolutionary-psychological Perspective,” at the Evolutionary Psychology Preconference, Society for Personality and Social Psychology, Long Beach, CA, February 26, 2015.

Leda Cosmides and John Tooby presented (public address) “Evolutionary Psychology in the Modern World: Appetites, Illusions, and What Works,” at the Reason Foundation’s Reason Weekend 2015, Santa Barbara, CA, March 13, 2015.

Leda Cosmides presented "Liberty, Violence, and Social Orders," at the Liberty Fund Workshop, New Orleans, LA, April 16-19, 2015.

Leda Cosmides presented "The Architecture of Motivation: An Evolutionary and Computational Approach," at the Adapted Mind-Adapted Body conference, Erice, Italy, June 21, 2015.

EVE DARIAN-SMITH

Eve Darian-Smith presented the opening keynote at the Postgraduate Workshop, Law and Society Association of Australia and New Zealand. TC Beirne School of Law, Brisbane, Australia, December 3, 2014.

Eve Darian-Smith presented the opening keynote, "Globalizing the Commons: Rethinking the Public/Private Divide" at the Law and Society Association of Australia and New Zealand. TC Beirne School of Law, Brisbane, Australia, December 4, 2014.

IANSÃ MELO FERREIRA

Iansã Ferreira presented her research at the Experimental and Behavioral Reading Group meeting, Department of Economics, UCSB, Santa Barbara, CA, April 29, 2015.

ANABEL FORD

Anabel Ford presented (keynote address) "Discovering the Complexity of Spatial Data: The Evolution and Organization of the Maya Forest GIS" at the Expert Meeting on Spatial Discovery, Upham Hotel, Santa Barbara, CA, June 17, 2015.

DIANE FUJINO

Diane Fujino presented "Contested Citizenship and Radical Democracy: Japanese American Activism and the McCarran-Walter Act of 1952," at the American Studies Association Conference, Los Angeles, CA, November 2014.

Diane Fujino presented "Japanese American Radicalism, the Global Cold War, and the Possibilities of Intergenerational Freedom Struggles," at the 20th Anniversary Conference of the Department of Asian American Studies, UCSB, Santa Barbara, CA, March 2015.

LYNN GAMBLE

Jessika Akmenkalns gave a presentation to Dr. Melissa Chatfield, the Director of Education and three undergraduate and graduate archaeological field school students at the Santa Barbara Trust for Historic Preservation. The field school was undertaking archaeological excavations at the Santa Barbara Presidio. The presentation included an overview of the CCIC's mission and the ways that it stores, manages, processes, and distributes information about historical and archaeological resources at both the state and local levels, July 15, 2015.

ROLAND GEYER

Roland Geyer and Trevor Zink presented “Quantifying Displaced Production: Methodology Development and Aluminum Case Study, LCA XIV” at the American Center for Life Cycle Assessment (ACLCA), San Francisco, CA, October 7, 2014.

Roland Geyer presented “End-of-life Allocation Issues in Life Cycle Assessment” at Pavement LCA 2015, UC Davis, Davis, CA, October 14, 2014 (invited).

Roland Geyer and Trevor Zink presented “A Market-based Framework for Quantifying Displaced Production from Recycling or Reuse,” at Alliance for Research on Corporate Sustainability (ARCS), 2015 ARCS Research Conference, Northwestern University, Evanston, IL, May 14, 2015. (*Winner of the ARCS Outstanding Paper Award.*)

Roland Geyer presented “Life Cycle GHG and Energy Impacts of Automotive Materials,” at the 2015 International Forum on Vehicle Eco-Design, China Automotive Technology and Research Center (CATARC), Beijing, China, June 25, 2015 (invited);

ZACHARY GROSSMAN

Zachary Grossman presented “Testing for Dual-Process Reasoning in Giving,” at the Judgment and Decision-Making Winter Symposium, University of Utah, Salt Lake City, UT, January 16, 2015.

BARBARA HARTHORN
RICHARD APPELBAUM
CRAIG HAWKER
W. PATRICK MC CRAY

Casey Walsh presented “La nanotecnología en el sector agua en México: una perspectiva desde las ciencias sociales,” at the International Multidisciplinary Joint Meeting: Nanoscience, Nanotechnology and Condensed Matter Physics, Hidalgo, Mexico, June 13, 2014.

Terre Satterfield, Robin Gregory, Nick Pidgeon and Ariel Hasell presented “Decision Pathway Survey,” at a multi-day research meeting, Understanding Risk Centre, Cardiff, Wales, UK, June 24, 2014.

Barbara Harthorn, Terre Satterfield, and Karen Henwood presented “Gender and Risk Perception,” at a multi-day research meeting, Understanding Risk Centre Cardiff, Wales, UK, June 24, 2014.

Nick Pidgeon and Christina Demski presented “Transforming the UK Energy System, Public Values and Acceptability” at the International Congress of Applied Psychology, Paris, France, July 11, 2014.

Nick Pidgeon, Merryn Thomas and Ariel Hasell, Cardiff Public Engagement and Deliberation, UK, July 15, 2014.

Terre Satterfield, Barbara Harthorn, Lauren Copeland, and Mary Collins presented “Intuition, Resilience and Politics in Emerging Risk Debates,” at the Interdisciplinary Conference--Transfusion and Transformation: The Creative Potential of Interdisciplinary Knowledge Exchange, Durham University, Durham, UK, July 15-17, 2014.

Xueying (Shirley) Han presented “Overview of Chinese Nano-Scientists: Impact of Educational Background and Mobility on Scientific Success from CV,” at Analysis Gordon Research Seminar & Gordon Research Conference on Science & Technology Policy, Waterville Valley, NH, August 10-15, 2014.

Christian Beaudrie presented “Nanomaterial Risk Screening: A Structured Decision Making (SDM) Approach” at the American Chemical Society Meeting, San Francisco, CA, August 11, 2014.

N Brian Tyrrell and Patrick McCray presented “From Blueprints to Bricks: The Origins of DNA Nanotechnology,” at ESOCITE / 4S (Society for Social Studies of Science), Buenos Aires, Argentina, August 21, 2014.

Edgar Zayago Lau, Guillermo Foladori, and Richard Appelbaum presented “Workers’ Demands for Precaution and Transparency in Nanotechnology Development, at ESOCITE / 4S, Buenos Aires, Argentina, August 22, 2014.

ick Pidgeon and Adam Corner presented “Framing Geoengineering and Moral Hazard” at the 2014 Climate Engineering Conference, Berlin, Germany, August 18-21, 2014.

Richard Appelbaum presented “Making Blue the Next Green: Achieving Workers’ Rights in the Global Economy” at the Rockefeller Foundation, Bellagio Center, Bellagio, Italy, September 1, 2014.

Patrick Herron, Kevin He, and Yilun Zhou presented “Functionality of Globonano,” at Duke University Media Arts + Sciences, Durham, NC, September 2, 2014.

Aashish Mehta presented “Skill Gaps, Human Capital and Industrial Development in India,” at the Indian Council for Research on International Economic Relations, New Delhi, India, September 7, 2014.

George Legrady presented “Swarm Vision: Issues in Translating Human Photographic Vision Behavior to Machine Learning,” at Digital Intelligence, Nantes, France, September 17-19, 2014.

Mikael Johansson presented “How to do Research Among Nanoscientists” to a group of Master students, Aalborg University, Aalborg, Denmark, September 19, 2014 (invited).

Zach Horton presented “Can We Think Nano-Ecology?” at the S.NET 6th Annual Meeting, Karlsruhe, Germany, September 21-24, 2014.

Zach Horton presented “Film: Swerve,” at the S.NET 6th Annual Meeting Karlsruhe, Germany, September 21-24, 2014.

Galen Stocking and Ariel Hasell presented “Twitter as a Tool for Public Engagement with Emergent Technologies,” at the S.NET 6th Annual Meeting, Karlsruhe, Germany, September 21-24, 2014

Luciano Kay and Jennifer Woolley presented “Corporate Research and Development Activities in Synthetic Biology,” at the S.NET 6th Annual Meeting, Karlsruhe, Germany, September 21-24, 2014.

Edgar Zayago Lau presented “Nanotechnology and Health: New Challenges,” at Universidad Autonoma de Zacatecas Seminar, Zacatecas, Mexico, September 2014.

Edgar Zayago Lau and Foladori Guillermo gave a seminar talk to the graduate faculty of public policy, Universidad Federal do Parana Seminar, Curitiba, Brazil, September 2014.

Nick Pidgeon presented "Sense of Energy Public Exhibition" at the Welsh Assembly Senedd Building, Cardiff, Wales, UK, September 30-October 2, 2014.

Aashish Mehta presented "Education, Skills and International Competitiveness in an Era of Soft Labor Demand," at the World Bank, Washington, DC, October 15, 2014.

Casey Walsh presented "De Mega a Nano: calidad de agua e infraestructura hidráulica en México," at the Seminar on "Acceso, manejo y control de recursos naturales en las sociedades mexicanas Conflictos y consensos, siglos XIX-XXI, Hermosillo, Mexico, October 17, 2014 (invited).

Jennifer Rogers-Brown presented "Considering Context in the Question of GMOs" at a public lecture: Light Millennium's, Celebrate Food, Knowledge, Health and the Environment, Part of Light Millennium Issue #30: Freedom of Information in the Genetically Modified Age) New York, NY, October 25, 2014.

Brian Tyrrell presented "Blueprints to Bricks: The Origins of DNA Nanotechnology," at a UCSB Workshop in the History of Technology and Science, Santa Barbara, CA, October 27, 2014.

Brian Tyrrell presented "DNA: It's Not Just for Biology Anymore," at the Center for Nanotechnology in Society Seminar, Santa Barbara, CA, October 30, 2014.

Javiera Barandiaran presented "Lithium: Driving Sustainable Development?" at Arizona State University, Tempe, AZ, October 31, 2014 (invited).

George Legrady presented "Swarm Vision," at the 20th Annual International Symposium on Electronic Art, Dubai, UAE, November 2-8, 2014.

Brian Tyrrell and Patrick McCray presented "Blueprints and Bricks: DNA and the Origins of DNA Nanotechnology," at the History of Science Society (HSS) Annual Meeting, Chicago, IL, November 7, 2014.

George Legrady presented "Voice of Sisyphus," at IEEE VisWeek 2014, Paris, France, November 9, 2014.

Christian Beaudrie, Milind Kandlikar, and Terre Satterfield presented "From Cradle-to-Grave at the Nanoscale: Gap in U.S. Regulatory Oversight along the Nanomaterial Life Cycle," at the SETAC North America 35th Annual Meeting, Vancouver, BC, Canada, November 9-13, 2014.

Patrick McCray presented “The Visioneers: How a Group of Elite Scientists Pursued Space Colonies, Nanotechnologies, and a Limitless Future,” at Stevens Institute of Technology Science and Technologies Studies Book Discussion, Hoboken, NJ, November 12, 2014.

Galen Stocking and Ariel Hasell presented “Twitter as a Tool for Public Engagement with Emergent Technologies?” at the Democratizing Technologies: Assessing the Roles of NGOs in Shaping Technological Futures, UCSB, Santa Barbara, CA, November 13-15, 2014 (poster).

Richard Appelbaum, Barbara Herr Harthorn, Ariel Hasell, and Galen Stocking presented “Nano Twitter: Can Social Media Provide a Means for Public Engagement about Emerging Technologies,” at the CNS-UCSB Democratizing Technologies: Assessing the Roles of NGOs in Shaping Technological Futures Conference, UCSB, Santa Barbara, CA, November 14, 2014.

Chris Newfield presented “What Happened to Solar Innovation?” at the CNS-UCSB Democratizing Technologies: Assessing the Roles of NGOs in Shaping Technological Futures Conference, UCSB, Santa Barbara, CA, November 15, 2014.

Richard Appelbaum presented “Making Blue the Next Green: Achieving Workers’ Rights in the Global Economy,” at the CNS-UCSB Democratizing Technologies: Assessing the Roles of NGOs in Shaping Technological Futures Conference, UCSB, Santa Barbara, CA, November 15, 2014.

Cyrus Mody presented “Burnt by the Sun: Jack Kilby and the '70s Solar Boom,” at the Rice University Department Lunchtime Talk, Houston, TX, November 24, 2014.

Nick Pidgeon and Adam Corner presented “Public Engagement and the Integrated Assessment of Geoengineering Project, Royal Society of London, London, England, UK, November 26, 2014.

Louise Stevenson presented “Creation Care in a Chemical Age,” at Community Outreach, November 2014.

Stacey Frederick presented “Value Chain Analysis in Latin America,” at Federal University of Parana, Curitiba, Brazil, November 2014.

Patrick McCray presented “Visioneering From Space Colonies to Nanotechnologies,” at the HPOL Colloquium, Drexel University, Philadelphia, PA, December 2, 2014.

Amy Slaton presented “Meritocracy, Technocracy, Democracy: Understandings of Racial and Gender Equity in American Engineering Education,” at the Illinois Institute of Technology, Amour College of Engineering, NMAE Seminar, Chicago, IL, December 3, 2014.

Luciano Kay presented “What is Nanotechnology?” at Anacapa School, Santa Barbara, CA, December 5, 2014.

Christian Beaudrie, ABA Boxall, N. Bruce, D. Carlander, L.J. Carter, Q. Chaudhry, S. Diamond, K. Doudrick, A. Dudkiewicz, S. Foss Hansen, S. Ghosal, S. Hodson, S. Lambert, A. Lazareva, I. Lynch, A. Mathuru, J. Nathaniel, M. Rudd, D. Spurgeon, M. Tellenbach and K. Tiede presented “Sustainable Management of Nanomaterial Containing Wastes,” at the Society of Risk Analysis (SRA) Annual Meeting, Denver, CO, December 8-11, 2014.

Barbara Harthorn presented “Risk and Responsible Innovation & Governance: Lessons from Societal Research on Nanotechnologies,” at the Nanoscale Science and Engineering Conference, National Science Foundation, Arlington, VA, December 10, 2014 (invited).

Richard Appelbaum presented “Making Blue the Next Green,” at the Bangladesh Garment Manufacturer and Exporter Association Apparel Summit, Dhaka, Bangladesh, December 18, 2014.

George Legrady presented “Clocks for Seeing: Time and Motion,” at the National Gallery of Canada, Ottawa, Canada, December 20, 2014.

George Legrady presented “Arte y Ciencia de Interfaz Planetario de Bogota,” Bogota, Colombia, December 28-30, 2014.

Edgar Zayago Lau presented “Nanotechnology Dialogues,” at the First Iberoamerican Seminar, Autonomous University of Zacatecas, Mexico, December 2014.

Nick Pidgeon presented “Communicating Risk and Uncertainties--The need for a strategic approach,” at the Calculating Risk and Communicating Uncertainty Conference, London, UK, January 17, 2015.

Barbara Harthorn presented “What Do We Mean by Data?” at the National Science Foundation STS Data Management Workshop, Arlington, VA, January 29-30, 2015 (invited).

Tristan Partridge presented “Exclusion, Extraction and Containment,” at the Department of Anthropology, UCSB, Santa Barbara, CA, January 30, 2015 (invited).

Patrick McCray presented “Many are Cold, Few Are Frozen,” at the Histories of the Future Workshop, Princeton University, Princeton, NJ, February 7, 2015.

Tristan Partridge presented “The Shale Boom,” at the UCSB Interdisciplinary Humanities Center workshop on Energy Challenges in the Developing World, UCSB, Santa Barbara, CA, February 20, 2015 (invited).

Javiera Barandiaran presented “Sustainable Development 2.0: Lithium Mining in Chile,” at the Interdisciplinary Humanities Center workshop on Energy Challenges in the Developing World, UCSB, Santa Barbara, CA, February 20, 2015

Cyrus Mody presented “Burnt By the Sun: Jack Kilby and the '70s Solar Boom,” at the American Physical Society Meeting, San Antonio, TX, March 4, 2015.

Barbara Harthorn presented “Surveying the Nanomaterial Industry: Lessons Learned and Challenges,” to over 50 members of the (US) Society of Toxicology, Nanotoxicology Specialty Section, March 10, 2014 (invited sole webinar presenter).

Cyrus Mody presented “Academic Centers and/as Industrial Consortia,” at Academic Entrepreneurship in History: An International Survey of Current Research, Ghent, March 12-13, 2015.

Cyrus Mody presented “Mel Chin and the Sciences of the '70s,” at the Contemporary Art Museum, Houston, TX, March 19, 2015.

David Novak presented “The Politics of Festival in Japan's Nuclear Village,” at the Center for Ethnomusicology, Columbia University, New York, NY, March 23, 2015.

Barbara Harthorn and Tristan Partridge presented “Risk and Resilience: Hazards, Imagined Futures, and Emergent Responses to Fracking in the US,” at the 75th Annual Meeting of the Society for Applied Anthropology, Pittsburgh, PA, March 24-28, 2015.

James Brooks presented “Community-Based Resistance to Fracking in the Chama River Basin, New Mexico,” at the 75th Annual Meeting of the Society for Applied Anthropology, Pittsburgh, PA, March 24-28, 2015.

Mary Collins, Barbara Herr Harthorn, Lauren Copeland, and Terre Satterfield presented “Fracking and Other Hazards: Towards Understanding the Spatial Aspects of Hazard Risk Acceptability Among US Publics,” at the 75th Annual Meeting of the Society for Applied Anthropology, Pittsburgh, PA, March 24-28, 2015.

Lauren Copeland, Barbara Herr Harthorn, Mary Collins, and Terre Satterfield presented “Risk, Resilience, and Cultural Politics in Emerging Debates about Fracking in the US,” at the 75th Annual Meeting of the Society for Applied Anthropology, Pittsburgh, PA, March 24-28, 2015.

Ariel Hasell and Heather Hodges presented “Fracking in the US and UK: A Comparison of Public Discussion of Fracking on Twitter in the US and UK, at the 75th Annual Meeting of the Society for Applied Anthropology, Pittsburgh, PA, March 24-28, 2015.

Tristan Partridge presented "Recovery and The Deep Underground: Responses to Unconventional Resource Extraction in California," at the 75th Annual Meeting of the Society for Applied Anthropology, Pittsburgh, PA, March 24-28, 2015.

John Majewski presented "Why did Southerners Fail to Invest in Education before the Civil War?" at the Economics History Workshop, Yale University, New Haven, CT, May 4, 2015.

John Majewski presented "Slavery and the Death of Economic Creativity Before the Civil War Slavery Then, Today and Tomorrow," at Augustana College, Rock Island, IL, May 7, 2015.

Tristan Partridge presented "Societal Responses to the Transforming and Reinforcing Roles of Extractive Technologies," at The Place of Technology in Environmental Politics, British International Studies Association, London, June 2015.

BRANDON KUCZENSKI
AMR EL ABBADI

Brandon Kuczenski and Sabina Beraha presented "Antelope LCA: An API for Life Cycle Assessment Models and LCIA Results" at ISSST 2015, Dearborn MI, May 23-25, 2015.

DEBRA LIEBERMAN

Debra Lieberman and Erica Biely presented "Using Spatial Experience in Digital Games to Support Learning and Health Behavior Change" at ThinkSpatial, a forum on spatial thinking at the UCSB Center for Spatial Studies, Santa Barbara, CA, December 2, 2014.

Debra Lieberman presented "Video Games and Health Behavior Change" at the Department of Psychology, UCSB, Santa Barbara, CA, January 29, 2015.

Debra Lieberman presented "Using Video Games to Improve Health Behaviors" to Health Psychology students, Department of Psychology, UCSB, Santa Barbara, CA, February 10, 2015.

Debra Lieberman presented "Digital Games Research: Resources and Publications in Our Field" to librarians at UCSB to guide them in the acquisition of books and journals relevant to the study of digital games, Santa Barbara, CA, March 6, 2015

Debra Lieberman presented “Digital Games for Health: Research, Design, and Implementation” at Games Workshop, UC Irvine School of Medicine and UC Irvine Research Institute in Virtual Environments and Computer Games, Irvine, CA, March 11, 2015.

Debra Lieberman presented “Health Communication: Health Games.” Video interview of Debra Lieberman for SAGE Publications video series on Media and Communication Research in Practice, March 18, 2015.

Debra Lieberman presented a radio interview with Randi Zuckerberg about the Center for Digital Games Research on her SiriusXM program, Dot Complicated, April 8, 2015.

Debra Lieberman presented “Digital Health: Hype or Hope?” at MIT Enterprise Forum, Santa Barbara, CA, April 15, 2015.

Debra Lieberman presented “Research on Health Games: Current Progress and Future Aims for the Field” at a Webinar hosted by the Center for Digital Games Research, UCSB, Santa Barbara, CA, April 17, 2015.

Debra Lieberman presented “Health Games: Innovation or Fad?” at the annual meeting of the Association of Health Care Journalists, Santa Clara, CA, April 24, 2015.

Debra Lieberman presented “Health Impacts of Digital Media” at Growing Up Digital, a research symposium of the American Academy of Pediatrics, Chicago, IL, May 2, 2015 (keynote).

Debra Lieberman presented “UNICEF Kid Power: Getting Active and Saving Lives” at U.S. Fund for UNICEF Annual Meeting, New York, NY, May 8, 2015.

Debra Lieberman presented “How Digital Games Can Motivate and Support Learning and Behavior Change” at the Gaming the Future of Climate Change workshop, National Center for Ecological Analysis and Synthesis, Santa Barbara, CA, May 11, 2015.

Debra Lieberman presented “Consulting for Industry Clients Successfully and Effectively as Games Researchers” at a Webinar hosted by the Center for Digital Games Research, UCSB, Santa Barbara, CA, June 30, 2015

SHELLY LUNDBERG

Shelly Lundberg presented “Educational Inequality and the Returns to Skills” at the Capital University of Economics and Business, Beijing, China, July 1, 2014.

KAREN MYERS

Samantha Powers presented "Vocational Anticipatory Socialization Sources, Messages, and Career Choice," at the 65th ICA Annual Conference Communication Across the Life Span, San Juan, Puerto Rico, May 23, 2015.

ANNE PISOR

MICHAEL GURVEN

Anne Pisor presented "Strategic Affiliation with Out-groups in Lowland Bolivian Horticulturalists: Life History, Recent Resource Shortfalls, and Social Support" at the Human Biology Association meeting, St. Louis, MO, March 25-28, 2015.

Anne Pisor presented "Love Thy Neighboring Group, When Things Can Get Rough: Early Life Resource Shortfalls and Current Resource Availability Predict Affiliation with Out-groups among Bolivian Horticulturalists" at the California Workshop on Evolutionary Social Science (C-Wess) meeting, San Luis Obispo, CA, April 24-26, 2015.

Anne Pisor and Michael Gurven presented "In-group vs. Out-group Affiliation: Different Assortment Under Different Conditions of Shortfall, Social Support, and Exposure?" at the Human Behavior and Evolution Society (HBES) meeting, Columbia, MO, May 27-May 30, 2015.

SIMONE PULVER

Becca Gentry presented "Offshore Aquaculture in Crowded Oceans: Making Room for a Growing Industry" at the Managing Coastal Environments: Organizational Responses to Uncertainty workshop, UCSB, Santa Barbara, CA, April 20, 2015.

Tammy Elwell presented "Navigating the Cultural Uncertainties of Wind Energy Seascapes" at the Managing Coastal Environments: Organizational Responses to Uncertainty workshop, UCSB, Santa Barbara, CA, April 21, 2015.

MAYA ROSSINL-SLATER

Maya Rossin-Slater presented "Assessing Rhode Island's Temporary Caregiver Insurance Act: Insights from a Survey of Employers," at a conference on paid family leave, Columbia University, New York, NY, June 8, 2015.

JON SONSTELIE

Jon Sonstelie presented "The Parcel Tax as a Source of Revenue for California Public Schools," at the Lincoln Institute of Land Policy, Cambridge, MA, May 2015.

CASEY WALSH

Casey Walsh presented "Water in Cuyama," at the New Cuyama Community Center, New Cuyama, CA, January 16, 2015 (invited).

Casey Walsh presented "Water to Wine: Groundwater and Grapes in Central California," at the Annual Meeting of the Society for Applied Anthropology and the Political Ecology Society, Pittsburgh, PA, March 26, 2015.

Casey Walsh presented "Water to Wine: Groundwater and Grapes in Central California" at the Political Economy of Development Hub, Orfalea Center on Globalization, UCSB, Santa Barbara, CA, April 1, 2015.

BARBARA ENDEMANO WALKER

Barbara Walker presented "UC Team Science and Diversity" at the Winter 2015 UCOP SACSWS Meeting, UCSB, Santa Barbara, CA, February 6, 2015.



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Statistical Summary 2014-2015

www.isber.ucsb.edu

STATISTICAL SUMMARY FOR: Institute for Social, Behavioral and Economic Research

	2014-2015
1. Academic personnel engaged in research:	
a. Faculty	94
b. Professional Researchers (including Visiting)	11
c. Project Scientists	3
d. Specialists	8
e. Postdoctoral Scholars	7
f. Postgraduate Researchers	0
TOTAL	123
2. Graduate Students:	
a. Employed on contracts and grants	47
b. Employed on other sources of funds	39
c. Participating through assistantships	18
d. Participating through traineeships	18
e. Other (specify)	55
TOTAL	177
3. Undergraduate Students:	
a. Employed on contracts and grants	29
b. Employed on other funds	15
c. Number of volunteers, & unpaid interns	219
TOTAL	263
4. Participation from outside UCSB: (optional)	
a. Academics (without Salary Academic Visitors)	12
b. Other (HS teachers, Alumni & Industry volunteers)	89
TOTAL	101
5. Staff (Univ. & Non-Univ. Funds):	
a. Technical	18
b. Administrative/Clerical	27
TOTAL	45
6. Seminars, symposia, workshops sponsored	101
7. Proposals submitted	67
8. Number of different awarding agencies dealt with*	57
9. Number of extramural awards administered	106
10. Dollar value of extramural awards administered during year**	\$20,013,876
11. Number of Principal Investigators***	121
12. Dollar value of other project awards ****	\$2,297,859
13. Number of other projects administered	144
14. Total base budget for the year (as of June 30, 2013)	\$708,644
15. Dollar value of intramural support	\$1,963,545
16. Total assigned square footage in ORU	13755
17. Dollar value of awards for year (08 Total)	\$5,565,438

* Count each agency only once (include agencies to which proposals have been submitted).

** If the award was open during the year, even if for only one month, please include in total.

*** Number of PIs, Co-PIs and Proposed PIs (count each person only once.)

**** Other projects - such as donation, presidential awards, fellowships, anything that isn't core budget, extramural, or intramural.



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Principal Investigators 2014-2015

www.isber.ucsb.edu

**ACTIVE PRINCIPAL INVESTIGATORS
AND CO-PRINCIPAL INVESTIGATORS
July 1, 2014 – June 30, 2015**

Aguirre, Ofelia	California Nanosystems Institute	Director, Center for Science & Engineering Partnerships
Alagona, Peter	History & Environmental Studies	Associate Professor
Aldana, Gerardo	Chicano Studies	Professor
Amar, Paul	Global & International Studies	Associate Professor
Ameeriar, Lalaie	Asian-American Studies	Assistant Professor
Anderson, Sarah	Environmental Science and Management	Associate Professor
Appelbaum, Richard	Sociology & G&IS	Professor Emeritus
Barandiaran, Javiera	Global & International Studies	Assistant Professor
Beltz, Glenn	College of Engineering	Professor
Bergstrom, Theodore	Economics	Professor
Berry, Michael	EAC / East Asian Language & Cultural Studies	Director / Professor
Boris, Eileen	Feminist Studies	Hull Professor
Bove, Frederick	ISBER	Researcher
Brown, Michelle	Anthropology	Assistant Professor
Bucholtz, Mary	CCALC / Linguistics	Director / Professor
Buntaine, Mark	Bren School of Environmental Science & Management	Assistant Professor
Casillas, Dolores Inés	CCALC / Chicano Studies	Co-Director / Associate Professor
Castellanos, Mario	Office of Education Partnerships	OEP Executive Director
Chadwick, Oliver	Geography	Professor
Charles, Maria	Sociology	Professor
Charness, Gary	Economics	Professor
Clarke, Keith	Geography	Professor
Cosmides, Leda	CEP / Psychology	Co-Director / Professor
Costello, Christopher	Bren School of Environmental Science & Management	Professor
Daniels, Don	Linguistics	Graduate Student
Darian-Smith, Eve	Global & International Studies Program	Professor
Deacon, Robert	Economics	Professor
Deschenes, Olivier	Economics	Associate Professor
Dunbar, Norah	Communication	Professor
Dunlap, Jill	Campus Advocacy, Resources & Education Women's Center	Director
Durán, Richard	Gevirtz School, Graduate School of Education	Professor

El Abbadi, Amr	Computer Science	Professor
Equinoa, Kimberly	Office of the Dean of Students, Student Life	Assistant Dean of Students
Ferreira, Iansa	Economics	Graduate Student
Foran, John	Sociology	Professor
Ford, Anabel	MARC / ISBER	Director / Researcher
Fruhstuck, Sabine	East Asian Languages and Cultural Studies	Professor
Fujino, Diane	Asian-American Studies	Professor
Gamble, Lynn	Anthropology	Professor
Garratt, Rodney	Economics	Professor
Gaulin, Steve	Anthropology	Professor
Geyer, Roland	Bren School of Environmental Science & Management	Associate Professor
Grossman, Zack	Economics	Assistant Professor
Gurven, Michael	Anthropology	Professor
Gutiérrez-Jones, Carl	English	Professor
Hall, Linda	Anthropology	Graduate Student
Hancock, Mary	Anthropology	Professor
Harthorn, Barbara Herr	CNS / Anthropology	Director / Professor
Hawker, Craig	Materials Research Lab	Professor
Hoelle, Jeffrey	Anthropology	Assistant Professor
Jacob, Mary	Student Affairs	Sr. Associate Dean
Johnson, Gaye	Black Studies	Associate Professor
Kam, Jennifer	Communication	Assistant Professor
Kerchusky, Sarah	Anthropology	Graduate Student
Kim, Sangin	Anthropology	Graduate Student
Kolstad, Charles	Economics	Professor Emeritus
Kuczynski, Brandon	ISBER	Assistant Researcher
Kuhn, Peter	Broom Center for Demography/Economics	Director/Professor
Kurin, Danielle	Anthropology	Assistant Professor
LaMon, Shelley	Anthropology	Graduate Student
Libecap, Gary	Economics	Professor
Lieberman, Debra	Center for Digital Games Research / Communication / ISBER	Director / Lecturer / Researcher
Lien, Pei-te	Political Science	Professor
Linz, Daniel	Communication	Professor
Lucas, Gene	Chemical Engineering	Professor / EVC
Luna, Zakiya	Sociology	Assistant Professor
Lundberg, Shelly	BROOM / Economics	Co-Director / Professor
Maas, Grayson	Anthropology	Graduate Student
McAuley, Christopher	Black Studies	Associate Professor
McCray, W. Patrick	History	Professor
Mehta, Aashish	Global & International Studies	Associate Professor
Mithun, Marianne	Linguistics	Professor
Mohr, John	Sociology	Professor
Myers, Karen	Communication	Associate Professor
Narang, Neil	Political Science	Assistant Professor

O'Connor, Mary	ISBER	Researcher
Oliva, Paulina	Economics	Assistant Professor
Oliver, Melvin	Sociology / Letters and Science	Professor / Dean of Social Sciences
Oprea, Ryan	Economics	Associate Professor
Palerm, Juan-Vicente	Anthropology	Professor Emeritus
Park, John	CNRS / Asian American Studies	Co-Director / Professor & Chair
Parks, Lisa	CITS / Film & Media Studies	Director / Professor
Partridge, Tristan	ISBER/CNS	Postdoctoral Scholar
Pisor, Anne	Anthropology	Graduate Student
Plantinga, Andrew	Bren School of Environmental Science & Management	Professor
Pulver, Simone	Environmental Studies	Associate Professor
Raymond, Geoffrey	Sociology	Professor
Reid, Scott	Communication	Professor
Rescorla, Michael	Philosophy	Professor
Reynolds, Dwight	CMES / Religious Studies	Director / Professor
Roberts, Luke	History	Professor
Rossin-Slater, Maya	Economics	Assistant Professor
Royer, Heather	Economics	Assistant Professor
Sabra, Adam	CMES / History	Director / Professor
Saldivar Tanaka, Emiko	Anthropology	Associate Project Scientist
Schneider, Beth	Sociology	Professor
Schreiber, Katharina	Anthropology	Professor
Smith, Stuart Tyson	Anthropology	Professor & Chair
Sonstelié, Jon	Economics	Professor
Soto Laveaga, Gabriela	History	Associate Professor
Stanford, Jeanne	Counseling and Psychological Services	Director
Startz, Dick	Economics	Professor
Stoll, Heather	Political Science	Associate Professor
Stonich, Susan	Anthropology	Professor
Sweeney, Stuart	ISBER / Geography	Director / Professor
Thébaud, Sarah	Sociology	Assistant Professor
Tooby, John	CEP / Anthropology	Co-Director / Professor
Trumble, Benjamin	Anthropology	Postdoctoral Scholar
VanDerwarker, Amber	Anthropology	Professor
Voorhies, Barbara	Anthropology	Professor Emerita
Walker, Barbara	ISBER / Research Development for Social Sciences, Humanities and the Fine Arts, Office of Research	Project Scientist / Director
Walsh, Casey	Anthropology	Associate Professor
Wdzenczny, Dibella	Linguistics	Graduate Student
Weber, Rene	Communication	Professor
Weinberger, Catherine	ISBER	Project Scientist
Williams, Ronald	ISBER	Researcher
Wilson, Gregory	Anthropology	Associate Professor
Winant, Howard	CNRS / Sociology	Director / Professor
Young, Michael	Student Affairs	Vice Chancellor

Yun, John	Gevirtz School, Graduate School of Education	Professor
Zhao, XiaoJian	Asian American Studies	Professor



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Unit Participant
2014-2015

www.isber.ucsb.edu

UNIT PARTICIPANTS
July 1, 2014 - June 30, 2015

Abel, Elizabeth	UC Berkeley	Professor	Center participant
Abman, Ryan	Economics	Graduate Student	Center participant
Abrams, Laura	UCLA	Professor	Center participant
Afary, Janet	Religious Studies	Professor	Center participant
Agrawal, Divyakant	Computer Science	Professor	Center participant
Aguirre, Adalberto	UC Riverside	Professor	Center participant
Aguirre, Ofelia	CNSI	Director	Co-PI
Ahmad, Ahmad	Religious Studies	Professor	Center participant
Alagona, Peter	History & Environmental Studies	Associate Professor	PI
Aldana, Gerardo	Chicano Studies	Professor	PI
Almeroth, Kevin	Computer Science	Professor	Center participant
Alvarez, Luis	UC San Diego	Associate Professor	Center participant
Amar, Paul	Global & International Studies	Associate Professor	PI
Ameeriar, Lalaie	Asian-American Studies	Assistant Professor	PI
Anderson, Michelle	UCB	Professor of Law	Center participant
Anderson, Sarah	Environmental Science and Management	Associate Professor	ISBER Advisory Committee/PI
Andrejevic, Mark	Pomona College	Professor	Center participant
Appelbaum, Richard	Sociology & G&IS	Professor Emeritus	PI
Arce, Eric	Sociology	Graduate Student	Center participant
Armbruster-Sandoval, Ralph	Chicano Studies	Associate Professor	McNair Mentor
Arondekar, Anjali	UC Santa Cruz	Associate Professor	Center participant
Asaro, Peter	The New School	Assistant Professor	Center participant
Atanososki, Neda	UC Santa Cruz	Associate Professor	Center participant
Azoulay, David	Center for International Environmental Law	Managing Attorney	Center participant
Bacchetta, Paola	UC Berkeley	Associate Professor	Center participant
Baez, Carlos	Geography	Graduate Student	Center participant
Baillargeon, Renee L.	University of Illinois at Urbana-Champaign	Professor	Center participant

Ballatore, Andrea	Center for Spatial Studies	Research Coordinator	Center participant
Bamieh, Bassam	Mechanical Engineering	Professor	Center participant
Banks, Jacqueline	Geography	Graduate Student	Center participant
Barandiaran, Javiera	Global & International Studies	Assistant Professor	PI
Barbieri-Low, Anthony	History	Professor	Center participant
Barpujari, Indrani	The Energy & Resource Institute, India	Researcher	Center participant
Barrett, Clark	UC Los Angeles	Professor	Center participant
Barvosa, Edwina	Chicano Studies	Associate Professor	Center participant
Batiste, Stephanie	Black Studies	Associate Professor	Center participant
Bazerman, Chuck	Girvetz School, Graduate School of Education	Professor	Center participant
Beaudrie, Christian	Compass Resource Management	Associate	Center participant
Bedard, Kelly	Economics	Professor	Center participant
Bedolla, Lisa	UC Berkeley	Chancellor's Professor	Center participant
Behdad, Ali	UCLA	Professor	Center participant
Belding, Elizabeth	Computer Science / CITS	Professor / Associate Director	Center participant
Beltz, Glenn	College of Engineering	Professor	PI
Berg, Romanus	Ashoka Innovators for the Public	CIO	Center participant
Berger, Martin	UCSC	Professor	Center participant
Bergstrom, Theodore	Economics	Professor	PI
Bermudez, Rosie	Chicana/o Studies	Graduate Student Researcher	Center participant
Berry, Michael	EAC / East Asian Language & Cultural Studies	Director / Professor	Center Director
Bertelsen, Mark	Wilson Sonsini Goodrich & Rosati / CITS	Lawyer & Sr. Partner / External Advisory Board	Center participant
Bhavnani, Kum-Kum	Sociology	Professor	Center participant
Biely, Erica	Center for Digital Games Research	Associate Director	Associate Director
Bimber, Bruce	Political Science	Professor	Center participant
Blackwell, Aaron	Anthropology	Assistant Professor	McNair Mentor
Blackwell, Maylei	UCLA	Associate Professor	Center participant

Blascovich, James J.	Psychological & Brain Sciences	Professor	Center participant
Bliss, Catherine	UC San Francisco	Assistant Professor	Center participant
Block, Sharon	UC Irvine	Associate Professor	Center participant
Bloemraad, Irene	UC Berkeley	Professor	Center participant
Bordirsky, Sebastian	Berlin, Germany	Videographer	Center participant
Boris, Eileen	Feminist Studies	Hull Professor	PI
Bostwick, Valerie	Economics	Graduate Student	Center participant
Boustan, Leah	UCLA	Associate Professor	Center participant
Bove, Frederick	ISBER	Researcher	PI
Bowers, John	Electrical & Computer Engineering/IEE	Professor	Center participant
Boyd, Angela	EAC	Collaborator	Center participant
Brady, Phyllis	MESA Program	Assistant Director	MESA Programs
Brenner, Mary	Gevirtz Graduate School of Education	Professor	Center participant
Brittnacher, Tom	Library	Geospatial Data Curator	Center participant
Brock, David	Chemical Heritage Foundation	Senior Research Fellow	Center participant
Brown, John Seeley	University of Southern California / CNS	Visiting Scholar / External Advisory Board	Center participant
Brown, Michael K.	UC Santa Cruz	Research Professor	Center participant
Brown, Michelle	Anthropology	Assistant Professor	PI
Bucholtz, Mary	CCALC / Linguistics	Director / Professor	PI / Center Director
Bulliet, Richard W.	Columbia University	Professor	R. Stephen Humphreys Distinguished Visiting Scholar
Buntaine, Mark	Bren School of Environmental Science & Management	Assistant Professor	PI
Burbank, Douglas	Earth Science	Professor	Center participant
Buss, David	University of Texas at Austin	Professor	Center participant
Cabezón, Jose	Religious Studies	Dalai Lama Professor	Center participant
Callahan, Megan	University of British Columbia	Graduate Student	Center participant

Campbell, Eric	Linguistics	Assistant Professor	Center participant
Campo, Juan E.	Religious Studies	Associate Professor	Center participant
Cantrell, Akiyo	East Asian Languages & Cultural Studies	Lecturer	Center participant
Cao, Cong	University of Nottingham, UK	Associate Professor	Center participant
Caramazza, Alfonso	Harvard University	Professor	Center participant
Carbado, Devon	UC Los Angeles	Professor	Center participant
Carlson, Julie	English	Professor	Center participant
Caroon, Clayton	Global & International Studies	Graduate Student Researcher	Center participant
Cartwright, Lisa	UCSD	Professor	
Casillas, Dolores Inés	CCALC / Chicano Studies	Co-Director / Associate Professor	PI / Co-Director
Cassels, Susan	Geography	Assistant Professor	Center participant
Castellanos, Mario	Office of Education Partnerships	OEP Executive Director	PI
Catanese, Brandi Wilkins	UCB	Associate Professor	Center participant
Ceniceros, Hector	Mathematics	Professor	McNair Mentor
Chacon, Jennifer	UC Irvine	Professor	Center participant
Chadwick, Oliver	Geography	Professor	Co-PI
Chaille, Peter	Ecology, Evolution & Marine Biology	Postdoctoral Researcher	Center participant
Chan, Jenny	Students & Scholars Against Corporate Misbehavior	Lecturer	Center participant
Chang, Alenda	Film & Media Studies	Assistant Professor	Center participant
Charles, Maria	Sociology	Professor	PI
Charness, Gary	Economics	Professor	PI
Chatterjee, Piya	UC Riverside	Associate Professor	Center participant
Chattopadhyay, Swati	History of Art & Architecture	Professor	Center participant
Chavez, Leo	UCI	Professor	Center participant
Chen, Bella Shu-chuan	East Asian Languages & Cultural Studies	Lecturer	Center participant
Chen, Peter	AVSS	Sr. Programmer	AVSS Staff
Chiu, Cathy	Library: East Asian Collections	Librarian	Center participant
Choi, Hyungsub	Seoul National University	Assistant Professor	Center participant

Choy, Catherine	UCB	Professor	Center participant
Christensen, Connie	CSU Channel Islands		Center participant
Chun, Dorothy	Gevirtz Graduate School of Education	Professor	Center participant
Clancy, Patricia	Linguistics	Associate Professor Emerita	Center Director
Clarke, Keith C.	Geography	Professor	Co-PI
Cleveland, David	Environmental Studies	Professor	Center participant
Collins, Mary	University of Maryland	Postdoctoral Scholar	Center participant
Collins, Peter	Ecology, Evolution & Marine Biology	Professor	Center participant
Colmenar, Gary A.	EAC	Collaborator	Center participant
Cooper, Scott	Ecology, Evolution & Marine Biology	Professor	Center participant
Copeland, Lauren	Political Science	Postdoctoral Scholar	Center participant
Cosmides, Leda	CEP / Psychology	Co-Director / Professor	PI / Center Director
Costa, Megan	University of Pennsylvania	PhD Student	Center participant
Costello, Christopher	Bren School of Environmental Science & Management	Professor	Co-PI
Couclelis, Helen	Geography	Professor	Center participant
Coutin, Susan	UCI	Professor	Center participant
Craig, Maxine	UC Davis	Professor	Center participant
Cruz, Cindy	UCSC	Associate Professor	Center participant
Cruz, Jon	Sociology	Associate Professor	Center participant
Damuth, John	Biology	Research Biologist	Center participant
Daniels ,Don	Linguistics	Graduate Student	PI
Daniels, Douglas H.	Black Studies	Professor	Center participant
Darian-Smith, Eve	Global & International Studies Program	Professor	PI
Davenport ,Frank	Broom Center	Consultant	PI
Davis, Sheila	Silicon Valley Toxics Coalition	Executive Director	Center participant
Deacon, Robert	Economics	Professor	Co-PI
Deardorff, Julianna	UCB	Associate Professor	Center participant
Decemvirale, J.V.	History of Art & Architecture	Graduate Student Researcher	Center participant

Delgado-P, Guillermo	UCSC	Lecturer	Center participant
DeLoughrey, Elizabeth	UCLA	Associate Professor	Center participant
DeLugan, Robin	UCM	Associate Professor	Center participant
Demski, Christina	Cardiff University	Lecturer	Center participant
Deschenes, Olivier	Economics	Associate Professor	Co-PI
DeSipio, Louis	UCI	Professor	Center participant
Dessen, Michael	UCI	Associate Professor	Center participant
Diamond-Lenow, Chloe	Feminist Studies	Graduate Student Researcher	Center participant
Diep, Lucy	University of Calgary, Canada	Master Student	Center participant
Donhowe, Karin	Economics	Graduate Student Researcher	Center participant
Douglass, Jeremy	English	Assistant Professor	Center participant
Dreamer, Dave	UC Santa Cruz	Research Professor	Center participant
Dunbar, Norah	Communication	Professor	PI
Dunlap, Jill	Campus Advocacy, Resources & Education Women's Center	Director	Co-PI
Durán, Richard	Gevirtz Graduate School of Education	Professor	PI
Eardley-Pryor, Roger	History	CNS Graduate Fellow	Center participant
Earl, Jennifer	University of Arizona	Professor	Center participant
Eckstein, Miguel	Psychological & Brain Sciences	Professor	Center participant
Edgar, Adrienne	History	Associate Professor	Center participant
Edward ,Paul	University of Michigan	Professor	Center participant
Egan, Susan Chan	EAC	Collaborator	Center participant
Egolf, Brenda	Lehigh University	Research Scientist	Center participant
El Abbadi, Amr	Computer Science	Professor	Co-PI
Ellis, Corrie	Sociology	Graduate Student	Center participant
el Omari, Racha	Religious Studies	Associate Professor	Center participant
El-Tayeb, Fatima	UC San Diego	Associate Professor	Center participant
Elver, Hilal	Global Studies	Research Professor	Center participant

Engeman, Cassandra	Sociology	CNS Graduate Fellow	Center participant
Ensmenger, Nathan	Indiana University	Associate Professor	Center participant
Equinoa, Kimberly	Office of the Dean of Students, Student Life	Assistant Dean of Students	Co-PI
Ermer, Elsa	Adelphia University	Assistant Professor	Center participant
Ervin, Daniel	Geography	Graduate Student	Center participant
Espiritu, Yen	UCSD	Professor	Center participant
Estrada, Leobardo	UCLA	Associate Professor	Center participant
Everett, Anna	Film and Media Studies	Professor	Center participant
Everton, Macduff		Photographer	Center participant
Falk, Richard	Global Studies	Research Professor	Center participant
Feldman, Keith	UCB	Assistant Professor	Center participant
Fellezs, Kevin	UCM	Assistant Professor	Center participant
Ferreira, Iansa	Economics	Graduate Student	Co-PI
Fierro, Maribel	CSIC Madrid	Researcher	R. Stephen Humphreys Distinguished Visiting Scholar
Fischer, Stefanie	Economics	Graduate Student	Center participant
Flanagin, Andrew	Communication	Professor	Center participant
Flashman, Jennifer	University of Notre Dame	Postdoctoral Research Associate	Center participant
Foladori, Guillermo	Universidad Autonoma de Zacatecas, Mexico	Professor	Center participant
Foran, John	Sociology	Professor	PI
Ford, Anabel	MARC / ISBER	Director / Researcher	PI / Center Director
Ford, Chandra	UCLA	Associate Professor	Center participant
Foss, Amy	Chicana/o Studies	CNS Graduate Fellow	Center participant
Fox, Cybelle	UCB	Associate Professor	Center participant
Frank, Ross	UCSD	Associate Professor	Center participant
Franklin, Diana	Computer Science	Lecturer	McNair Mentor

Frederick, Stacy	Duke University	Postdoctoral Scholar	Center participant
Frew, James	Environmental Science & Management	Associate Professor	Center participant
Friedkin, Noah	Sociology	Professor	Center participant
Friedman, Sharon	Lehigh University	Professor	Center participant
Frühstück, Sabine	East Asian Languages and Cultural Studies	Professor	PI
Fuerstenberg, Eric	Anthropology	Graduate Student	Center participant
Fujino, Diane	Asian–American Studies	Professor	PI
Fygenson, Debora	Physics	Associate Professor	McNair Mentor
Gaines, Steve	Bren	Dean/Professor	Center participant
Gallagher, Nancy	History	Professor	Center participant
Gallo, John	Conservation Biology Institute	Senior Scientist	Center participant
Gallucci, Ralph	Classics	Lecturer	McNair Mentor
Gamble, Lynn	Anthropology	Professor	ISBER Advisory Committee/PI
Garcia, Angela	Anthropology	Graduate Student	Center participant
Garratt, Rodney	Economics	Professor	Co-PI
Gaulin, Steven	Anthropology	Professor	PI
Gazzaniga, Michael	Psychological & Brain Sciences	Professor	Center participant
Gebbie, Matthew	Materials	CNS Graduate Fellow	Center participant
Gerber, Michael	Gevirtz School, Graduate School of Education	Professor	Center participant
Gereffi, Gary	Duke University	Professor	Center participant
German, Tamsin	Psychological & Brain Sciences	Associate Professor	Center participant
Geyer, Roland	Bren School of Environmental Science & Management	Associate Professor	PI
Ghosh, Bishnupriya	English	Professor	Center participant
Giesbrecht, Barry	Psychological & Brain Sciences	Professor	McNair Mentor
Giles, Howard	Communication	Professor	Center participant
Gimzewski, Jim	UCLA	Professor	Center participant
Glaser, Jack	UCB	Associate Professor	Center participant

Glenn, Evelyn	UCB	Professor	Center participant
Goeman, Mishuana	UCLA	Associate Professor	Center participant
Goff, Phillip	UCLA	Associate Professor	Center participant
Golash-Boza, Tanya Maria	UC Merced	Associate Professor	Center participant
Gomez, Laura	UCLA	Professor of Law	Center participant
Gomez-Marquez, Jose	MIT	Director, International Design Centre	Center participant
Goodall, Jane		Conservationist	Center participant
Goyal, Yogita	UCLA	Associate Professor	Center participant
Grace, Kathryn	University of Utah	Assistant Professor	Center participant
Green, Judith	Gevirtz Graduate School of Education	Professor	Center participant
Gregory, Robin	Decision Research	Senior Researcher	Center participant
Grossman, Zack	Economics	Assistant Professor	PI
Guan, Daoxiong	East Asian Languages & Cultural Studies	Lecturer	Center participant
Guerra, Alison	UCSD	Associate Professor	Center participant
Guggenheim, Clarissa	El Pilar, Belize	Photographer	Center participant
Gurven, Michael	Anthropology	Professor	PI
Gutierrez, M. Paz	UCB	Associate Professor	Center participant
Gutierrez-Jones, Carl	English	Professor	PI
Hajjar, Lisa	Sociology	Professor	Center participant
Hajnal, Zoltan	UCSD	Professor	Center participant
Hall, Linda	Anthropology	Graduate Student	Co-PI
Han, Lisa	Film & Media Studies	Graduate Student Researcher	Center participant
Han, Shirley	Ecology, Evolution & Marine Biology	Postdoctoral Scholar	Center participant
Hancock, Mary	Anthropology	Professor	PI
Haney-Lopez, Ian	UCB	Professor	Center participant
Hankins, Joseph	UCSD	Assistant Professor	Center participant
Hanrahan, Michael	Carsey-Wolf Center	Lecturer	Center participant
Harr, Bridget	Sociology	Graduate Student	Center participant

Harris, Angela	UC Davis	Professor of Law	Center participant
Harsh, Matthew	Concordia University, Canada	Assistant Professor	Center participant
Harthorn, Barbara Herr	CNS / Anthropology	Director / Professor	PI / Center Director
Hasegawa, Tsuyoski	History	Professor	Center participant
Hasell, Ariel	Communication	CNS Graduate Fellow	Center participant
Hatton, Nigel	UCM	Assistant Professor	Center participant
Hawken, Jennifer	Irving, Texas	Independent Consultant	Center participant
Hawker, Craig	Materials Research Lab	Professor	Co-PI
Hawkins, Trip	Founder of Electronic Arts	Entrepreneur	Center participant
Haymon, Rachel	Earth Science	Professor Emeritus	Center participant
Hegarty, Mary	Psychological & Brain Sciences	Professor	Center participant
Heibel, Amy	LA County Museum of Art	VP	Center participant
Helgeson, Matthew	Chemical Engineering	Assistant Professor	McNair Mentor
Hendricks, Margo	UCSC	Professor Emerita	Center participant
Hernández-Avila, Inés	UC Davis	Professor	Center participant
Hillis, Greg	Religious Studies	Continuing Lecturer	Center participant
Hinsman, Abigail	Film & media Studies	Graduate Student Researcher	Center participant
Hironaka, Anne	UCI	Professor	Center participant
Ho, Hsiu-zu	Gevirtz Graduate School of Education	Professor	Center participant
Hobden, Deborah	Sociology	Graduate Student	Center participant
Hochberg, Gil	UCLA	Professor	Center participant
Hodges, Corbin	Geography	Graduate Student	Center participant
Holden, Patricia	Donald Bren School of Environmental Science and Management	Professor	Center participant
Hoelle, Jeffrey	Anthropology	Assistant Professor	PI
Hollerer, Tobias	Computer Science	Professor	Center participant
Holt, Jennifer	Film & Media Studies	Associate Professor	Center participant

Hopkins, Jason	Sociology	Graduate Student	Center participant
Horton, Zachary	English	Graduate Student Researcher	Center participant
House, Charles	Media X / CITS	Executive Director / External Advisory Board	Center participant
Hsu, Hsuan L.	UCD	Associate Professor	Center participant
Hsu, Jennifer Chuan- chen	East Asian Languages & Cultural Studies	Lecturer	Center participant
Huang, Yunte	English	Professor	Center participant
Hung, Darnell	UCLA	Professor	Center participant
Hurwitz, Heather McKee	Sociology	Graduate Student	Center participant
Invernizzi, Noela	Federal University of Parana, Brazil	Professor	Center participant
Isenberg, Neil	Kids Health Web Portal, Nemours	MD / Director	Center participant
Ivey, Susan	UCB	Associate Adjunct Professor	Center participant
Jacob, Mary	Student Affairs	Sr. Associate Dean	PI
Jalbert, Kirk	Rensselaer Polytechnic Institute	PhD Candidate	Center participant
Janee, Greg	Earth Research Institute	Specialist	Center participant
Janowicz, Krzysztof	Geography	Assistant Professor	Center participant
Jennings, Kent	Political Science	Professor	Center participant
Jerng, Mark	UCD	Associate Professor	Center participant
Jevbratt, Lisa	Art	Professor	Center participant
Ji, Chen	Earth Sciences	Associate Professor	McNair Mentor
Ji, Xiaobin	History	Lecturer	Center participant
Jimerson, Shane	Counseling, Clinical & School Psychology	Professor	Center participant
Johnson, Gaye Theresa	Black Studies	Associate Professor	PI
Johnson, Kevin	UCD	Dean, School of Law	Center participant
Joo, Thomas	UCD	Professor of Law	Center participant
Jorjani, Raha	UCD	Lecturer	Center participant
Juergensmeyer, Mark	Orfalea Center for Global and International Studies	Director / Professor	Center participant
Kam, Jennifer	Communication	Assistant Professor	PI

Kambayashi, Ryo	Institute of Economic Research	Associate Professor	Center participant
Kandlikar, Milind	University of British Columbia	Professor	Center participant
Kang, Laura	UCI	Associate Professor	Center participant
Kaplan, Cynthia	Political Science	Professor	Center participant
Kaplan, Hillard	University of New Mexico	Ph.D.	Collaborator
Kay, Luciano	Public Policy	Postdoctoral Scholar	Center participant
Keller, Arturo	Mechanical & Environmental Engineering	Professor	Center participant
Kerchusky, Sarah	Anthropology	Graduate Student	Co-PI
Kheshti, Roshanak	UCSD	Assistant Professor	Center participant
Khoury, Nuha N. N.	History of Art/Architecture	Associate Professor	Center participant
Kia-Keating, Brett	Gevirtz School, Graduate School of Education	Lecturer	Center participant
Kim, Elaine	UCB	Professor	Center participant
Kim, Jodi	UCR	Associate Professor	Center participant
Kim, Michael	Library	Head, Cataloging & Metadata Services	Center participant
Kim, Sangin	Anthropology	Graduate Student	Co-PI
Kim, Suk-young	Department of Theater and Dance	Associate Professor	Center participant
King, Jennifer	Geography	Associate Professor	McNair Mentor
King, Sheron	North Carolina State University	PhD Candidate	Center participant
Kippin, Todd	Psychological & Brain Sciences	Associate Professor	McNair Mentor
Klein, Stanley	Psychological & Brain Sciences	Professor	Center participant
Kolstad, Charles	Economics	Professor Emeritus	PI
Koppera, Vednt	Economics	Graduate Student	Center participant
Krabbenborg, Lotte	Radbound University, Netherlands	Postdoctoral Scholar	Center participant
Krasnow, Max	Harvard	Assistant Professor	Center participant
Krintz, Chandra	Computer Science	Professor	Center participant
Kristoff, Nicholas	New York Times	Columnist/Writer	Center participant
Kuczenski, Brandon	ISBER	Assistant Researcher	PI
Kuhn, Peter	Broom Center for Demography/Economics	Director/Professor	PI / Center Director

Kuhn, Werner	Geographic Information Science	Professor	Center participant
Kuiken, Todd	Woodrow Wilson International Center for Scholars	Sr. Program Associate	Center participant
Kulinowski, Kristen	Science & Technology Policy Institute	Research staff member	Center participant
Kurin, Danielle	Anthropology	Assistant Professor	PI
Kurzban, Robert	University of Pennsylvania	Associate Professor	Center participant
Kuzma, Jennifer	North Carolina State University	Professor	Center participant
Lam, Mariam	UCR	Associate Professor	Center participant
LaMon, Shelley	Anthropology	Graduate Student	Co-PI
Lee, Jin Sook	Gevirtz Graduate School of Education	Professor	Center participant
Lee, Steven	UCB	Associate Professor	Center participant
Legrady, George	Media Arts & Technology / Art	Professor	Center participant
Lenoir, Timothy	Duke University	Professor	Center participant
Leonardi, Paul	Technology Management Program	Reece Duca Professor	Center participant
Leonardo, Zeus	UCB	Professor	Center participant
Lew, John	Molecular, Cellular & Developmental Biology	Associate Professor	McNair Mentor
Lewallen, Ann-Elise	East Asian Languages & Cultural Studies	Assistant Professor	Center participant
Lewis, David	London School of Economics, UK	Professor	Center participant
Li, Charles	Linguistics	Professor Emeritus	Center participant
Li, Qiao	Global & International Studies	Graduate Student Researcher	Center participant
Li, Xiaorong	East Asian Languages and Cultural Studies	Associate Professor	Center participant
Libecap, Gary	Economics	Professor	Co-PI
Lichtenstein, Nelson	History	Professor	Center participant
Lieberman, Debra	Center for Digital Games Research / Communication / ISBER	Director / Lecturer / Researcher	PI / Center Director
Lieberman, Debra	University of Miami	Assistant Professor	Center Participant
Lien, Pei-te	Political Science	Professor	PI
Lim, Shirley Geok-lin	English	Professor Emeritus	Center participant
Limón, Monique	McNair Scholars Program	Assistant Director	Assistant Director

Linz, Daniel	Communication	Professor	PI
Lipsitz, George	Black Studies	Professor	McNair Mentor
Linton, April	UCSD	Assistant Professor	Center participant
Liu, Alan	Political Science	Professor	Center participant
Lopez, Amber	Sociology	Graduate Student	Center participant
López-Calvo, Ignacio	UCM	Professor	Center participant
López-Carr, David	Geography	Professor	Center participant
Lowe, Lisa	UCSD	Professor Emerita	Center participant
Lucas, Gene	Chemical Engineering	Professor / EVC	Co-PI
Lukaszewski, Aaron	Oklahoma State University	Assistant Professor	Center participant
Luna, Zakiya	Sociology	Assistant Professor	PI
Lundberg, Shelly	BROOM / Economics	Co-Director / Professor	Co-Director / ISBER Advisory Committee
Lunsford, Karen	Writing	Associate Professor	Center participant
Maas, Grayson	Anthropology	Graduate Student	PI
Macias, Reynaldo	UCLA	Professor	Center participant
Mahmud, Lilith	UCI	Associate Professor	Center participant
Maira, Sunaina	UC Davis	Professor	Center participant
Majewski, John	History	Professor	Center participant
Major, Brenda	Psychological & Brain Sciences	Professor	Center participant
Maldonado-Torres, Nelson	UCB	Professor	Center participant
Mann, Gurinder Singh	Global Studies	Professor	Center participant
Manski, Ben	Sociology	Graduate Student	Center participant
Marcus, Scott	Music	Professor	Center participant
Marechal, Nathalie	University o Southern California	PhD Candidate	Center participant
Margetts, Helen	Oxford Internet Institute	Professor	Center participant
Marinko, John A.	AVSS	Sr. Programmer	AVSS Staff
Marth, James	Molecular, Cellular & Developmental Biology	Professor	McNair Mentor
Marter-Kenyon, Jessica	Geography	Graduate Student	Center participant

Martin, Fermin Mosconodo del Prado	Linguistics	Assistant Professor	McNair Mentor
Martin, Melanie	Anthropology	Graduate Student	Center participant
Massoud, Mark	UCSC	Associate Professor	Center participant
Matthews, Katherine	Sociology	Graduate Associate	Center participant
Mayer, Richard	Psychological & Brain Sciences	Professor	Center participant
Mazer, Susan	Evolutionary Biology	Professor	Center participant
McAuley, Christopher	Black Studies	Associate Professor	Co-PI
McCay, Steven	UCSC	Associate Professor	Center participant
McCray, W. Patrick	History	Professor	Co-PI
McDermott, Rose	Brown University	Professor	Center participant
Mehta, Aashish	Global & International Studies	Associate Professor	PI
Meiring, Wendy	Statistics & Applied Probability	Associate Professor	ISBER Advisory Committee
Mendes, Gabriel	UCSD	Assistant Professor	Center participant
Mendoza-Denton, Rodolfo	UCB	Associate Professor	Center participant
Metzger, Miriam	Communication	Professor	Center participant
Miao, Zong	Computer Engineering	Graduate Student Researcher	Center participant
Middleton, Elisabeth	UCD	Associate Professor	Center participant
Miescher, Stephan	History	Associate Professor	Center participant
Miller, Alan	Activision	Founder	Center participant
Miller, Karley	Marine Science Program	Graduate Student	Center participant
Miller-Young, Mireille	Feminist Studies	Associate Professor	McNair Mentor
Mitchell, Laura	UCI	Associate Professor	Center participant
Mithun, Marianne	Linguistics	Professor	PI
Moallem, Minoo	UCB	Professor	Center participant
Mody, Cyrus	Rice University	Associate Professor	Center participant
Mohr, John	Sociology	Professor	PI
Molitor, Bonnie	CNS	Assistant Director	Asst. Director
Montoya, Michael	UC Irvine	Associate Professor	Center participant

Moore, Kathleen	Religious Studies	Professor	Center participant
Moore, Mignon	UCLA	Associate Professor	Center participant
Morgan, Melissa	Counseling, Clinical & School Psychology	Associate Professor	Center participant
Morgan, Michaela	McNair Scholars Program	Program Coordinator	McNair coordinator
Morton, Patricia	UCR	Associate Professor	Center participant
Moses, Yolanda T.	UC Riverside	Professor	Center participant
Motoyama, Yasuyuki	Kauffman Foundation	Senior Scholar	Center participant
Moya, Rita	Direct Relief / BioIQ	Board Chair / Advisor	Center participant
Mulligan, Deborah	MDLIVE	MD / Medical Director	Center participant
Murray, Nadezhda	Japan	Independent Consultant	Center participant
Musaazi, Moses	Technology for Tomorrow, Ltd.	Sr. Lecturer	Center participant
Mwenda, Kevin	Geography	Graduate Student	Center participant
Myers, Karen	Communication	Associate Professor	PI
Nabi, Robin	Communication	Professor	ISBER Advisory Committee
Narang, Neil	Political Science	Assistant Professor	PI
Nasir, Na'ilah Suad	UCB	Professor	Center participant
Nathan, John	East Asian Languages and Cultural Studies	Professor	Center participant
Nelson, Rachel	UC Santa Cruz	PhD Candidate	Center participant
Neuberg, Steven	Arizona State University	Professor	Center participant
New, Joshua	Barnard College	Assistant Professor	Center participant
Newfield, Christopher	English	Professor	Center participant
Nilsson, Lina	UC Berkeley	Innovation Director	Center participant
Novak, David	Music	Associate Professor	McNair Mentor
Nunley, Vorris	UCR	Associate Professor	Center participant
Oaks, Laury	Feminist Studies	Associate Professor	McNair Mentor
Obasogie, Osagie	UC Hastings/UCSF	Associate Professor	Center participant
O'Connor, Mary	ISBER	Researcher	PI

Okamoto, Yukari	Gevirtz Graduate School of Education	Professor	Center participant
Oliva, Paulina	Economics	Assistant Professor	Co-PI
Oliver, Melvin	Sociology / Letters and Science	Professor / Dean of Social Sciences	Co-PI
Olmos, Ari	LaborVoices	VP of Operations	Center participant
Omi, Michael	UC Berkeley	Associate Professor	Center participant
Oppenheimer, David	UCB	Professor	Center participant
Oprea, Ryan	Economics	Associate Professor	PI
Oropeza ,Lorena	UCD	Associate Professor	Center participant
Orosco, Michael	UCR	Assistant Professor	Center participant
O'Shea, Janet	UCLA	Professor	Center participant
O'Toole, Rachel	UCI	Associate Professor	Center participant
Pai, Hyung Il	East Asian Languages and Cultural Studies	Professor	Center participant
Palerm, Juan-Vicente	Anthropology	Professor Emeritus	Co-PI
Palmer, Andie	University of Alberta	Associate Professor	Center participant
Pandey, Poonan	Jawaharal Nehru University, New Delhi	PhD Candidate	Center participant
Pardo-Rodriguez, Lumari	Geography	Graduate Student Researcher	Center participant
Park, Howard	Santa Barbara	Independent Consultant	Center participant
Park, John	Asian American Studies / CNRS	Professor / Co-Director	Co-PI / Co-Director
Parker, Rachel	Science & Technology Policy Institute	Sr. Research Associate	Center participant
Parks, Lisa	CITS / Film & Media Studies	Director / Professor	Center Director
Partridge, Tristan	Anthropology	Postdoctoral Scholar	Co-PI
Pasler, Jann	UCSD	Musicologist	Center participant
Paulos, Eric	UC Berkeley	Assistant Professor	Center participant
Peljhan, Marko	Media Arts & Technology	Assistant Professor	Center participant
Penley, Constance	Film & Media Studies	Professor	Center participant
Penner, Andrew	UCI	Associate Professor	Center participant
Perez-Torres, Rafael	UCLA	Professor	Center participant
Petersen, Michael Bang	Aarhus University	Professor	Center participant

Petzold, Linda	Computer Science	Professor	Center participant
Pidgeon, Nicholas	Cardiff University	Professor	Center participant
Pinderhughes, Howard	UC San Francisco	Associate Professor	Center participant
Pisor, Anne	Anthropology	Graduate Student	Co-PI
Pitts, Anton	University of British Columbia	Postdoctoral Scholar	Center participant
Plantinga, Andrew	Bren School of Environmental Science & Management	Professor	PI
Plenz, Flavio	Brazilian Ministry of Science, Brazil	General Coordinator	Center participant
Ponce del Catillo, Aida	European Trade Union Institute, Belgium	Sr. Researcher	Center participant
Porter, Eric	UC Santa Cruz	Professor	Center participant
Postero, Nancy	UCSD	Associate Professor	Center participant
Powell, William	Religious Studies	Professor Emeritus & Research Professor	Center participant
Premnath, Gautam	UCB	Assistant Professor	Center participant
Primack, Joel	UC Santa Cruz	Professor	Center participant
Pulver, Simone	Environmental Studies	Associate Professor	PI
Qin, Chenzong	Economics	Professor	Center participant
Rahilly, Elizabeth	Sociology	Graduate Student	Center participant
Raley, Rita	English	Associate Professor	Center participant
Rambelli, Fabio	East Asian Languages & Cultural Studies	Professor	Center participant
Ramirez-Ruiz, Enrico	UC Santa Cruz	Associate Professor	Center participant
Rappaport, Erika	History	Associate Professor	Center participant
Raymond, Geoffrey	Sociology	Professor	PI
Read de Alaniz, Javier	Chemistry	Assistant Professor	McNair Mentor
Reich, Norbert	Chemistry	Professor	McNair Mentor
Reid, Scott	Communication	Professor	Co-PI
Reilly, Karen	The TOR Project	Development Director	Center participant
Rescorla, Michael	Philosophy	Professor	PI
Reynolds, Dwight	Religious Studies /CMES	Professor /Director	Center Director
Rice, Ronald E.	Communication	Professor	Center participant

Riddell, Craig	University of British Columbia	Royal Bank Faculty Research Professor	Center participant
Riley, Dylan	UCB	Associate Professor	Center participant
Rios, Victor	Sociology	Associate Professor	McNair Mentor
Roberts, Luke	History	Professor	PI
Roberts, Patrick	Virginia Tech	Associate Professor	Center participant
Robinson, Mark	DePaul University	Assistant Professor	Center participant
Robinson, William	Sociology	Professor	McNair Mentor
Rodgers, Julie	Psychological & Brain Sciences	Visiting Researcher	Center participant
Roney, James	Psychological & Brain Sciences	Associate Professor	Center participant
Rossin-Slater, Maya	Economics	Assistant Professor	PI
Royer, Heather	Economics	Assistant Professor	PI
Rupp, Leila	Feminist Studies	Professor	McNair Mentor
Sabra, Adam	History / CMES	Professor / Director	Center Director
Sakr, Laila Shereen	Film & Media Studies	Assistant Professor	Center participant
Saldivar Tanaka, Emiko	Anthropology	Associate Project Scientist	PI
Saltzman-Li, Katherine	East Asian Languages and Cultural Studies	Associate Professor	Center participant
Sanchez, Rosaura	UCSD	Professor	Center participant
Santa Ana, Oto	UCLA	Professor	Center participant
Santos, Laurie	Yale University	Associate Professor	Center participant
Sarabia, Saul	UCLA	Director, School of Law's Critical Race Studies Program	Center participant
Satterfield, Theresa A.	University of British Columbia	Professor	Center participant
Saul, Scott	UCB	Professor	Center participant
Schneider, Beth	Sociology	Professor	PI
Schooler, Jonathan	Psychological & Grain Sciences	Professor	Center participant
Schreiber, Katharina	Anthropology	Professor	PI
Schroeder, Andrew	Direct Relief Foundation	Director of Research & Analysis	Center participant
Schweizer, Maya	Berlin, Germany	Videographer	Center participant

Scott, Jill	Institute for Cultural Studies in the Arts	Professor	Center participant
Searls, Doc	CITS	Fellow	Center participant
Seibold, David	Communication	Professor	Center participant
Seikaly, Sherene	History	Assistant Professor	Center participant
Sell, Aaron	Griffith University	Senior Lecturer	Center participant
Seth, Vanita	UCSC	Associate Professor	Center participant
Seyer-Ochi, Ingrid	UCB	Professor	Center participant
Shamasunder, Bhavna	Occidental College	Assistant Professor	Center participant
Shapira, Philip	Georgia Institute of Technology	Professor	Center participant
Shariq, Linsey	UC Davis	PhD Candidate	Center participant
Shearer, Christine	UC Irvine	Researcher	Center participant
Shell, Scott	Chemical Engineering	Associate Professor	McNair Mentor
Shih, Shu-mei	UCLA	Professor	Center participant
Shukla, Anand J.	Economics	Graduate Student	Center participant
Shultz, Marjorie	UCB	Professor Emerita	Center participant
Siddigi, Asif	Fordham University	Associate Professor	Center participant
Siegel, Greg	Film & Media Studies	Associate Professor	Center participant
Siegel, Lawrence	Safe Water International	Executive Director	Center participant
Simon, Denis	Arizona State University	Vice Provost	Center participant
Sivin, Darius	United Auto Workers	Industrial Hygienist	Center participant
Skapoulli, Elena	Center for California Languages and Cultures	Manager	CCALC
Slaton, Amy	Drexel University	Professor	Center participant
Slovic, Paul	Decision Research	President & Founder	Center participant
Smith, Eric	Political Science	Professor	Center participant
Smith, Sandra	UCB	Associate Professor	Center participant

Smith, Steven	Counseling, Clinical, and School Psychology	Associate Professor	McNair Mentor
Smith, Stuart Tyson	Anthropology	Professor & Chair	PI
Soh, Tom	Mechanical Engineering	Professor	McNair Mentor
Song, Sarah	UCB	Professor of Law & Associate Professor Political Science	Center participant
Sonstelie, Jon	Economics	Professor	PI
Soto Laveaga, Gabriela	History	Associate Professor	PI
Spera, Frank	Professor	Geology/Earth Science	Center participant
Spickard, Paul	Professor	History	Center participant
Stanford, Jeanne	Counseling and Psychological Services	Director	Co-PI
Startz, Dick	Economics	Professor	Co-PI
Stearns, Jenna	Graduate Student	Economics	Center participant
Steen, Shannon	UCB	Associate Professor	Center participant
Steigerwald, Doug	Economics	Professor	ISBER Advisory Committee Chair
Stevenson, Brenda	UCLA	Professor	Center participant
Stevenson, Louise	Ecology, Evaluation & Marine Biology	CNS Graduate Fellow	Center participant
Stiefel, Maximilian	Geography	Graduate Student	Center participant
Stirling, Andrew	University of Sussex, UK	Professor	Center participant
Stocking, Galen	Political Science	CNS Graduate Fellow	Center participant
Stohl, Cynthia	Professor	Communication	Center participant
Stohl, Michael	Professor	Communication	Center participant
Stoll, Heather	Political Science	Associate Professor	PI
Stonich, Susan	Anthropology	Professor	Co-PI
Stoppel, Jeffrey	Mathematics	Professor	McNair Mentor
Sturman, Peter	History of Art & Architecture	Professor	Center participant
Sutton, John	Professor	Sociology	Center participant
Sweeney, Stuart	ISBER / Geography	Director / Professor	Director / PI
Taves, Ann	Religious Studies	Professor	Center participant

Taylor, Verta	Sociology	Professor	Center participant
Teck, Sandro	El Pilar, Belize	Painter	Center participant
Teige, Virginia	UC Berkeley	PhD Candidate	Center participant
Terry, Jennifer	UCI	Associate Professor	Center participant
Thébaud, Sarah	Sociology	Assistant Professor	ISBER Advisory Committee/PI
Thomas, Mathew	Duke University	Graduate Student	Center participant
Thomas, Merryn	Cardiff University	Postdoctoral Scholar	Center participant
Thompson, Charis	UCB	Professor	Center participant
Thompson, Katrina	UCLA	Assistant Professor	Center participant
Thompson, Sandra	Linguistics	Research Professor	Center participant
Tobler, Waldo	Professor Emeritus	Geography	Center participant
Tooby, John	CEP / Anthropology	Co-Director / Professor	Co-PI / Center Director
Toole, Dave	CEO / External Advisory Board	Outhink Media / CITS	Center participant
Torres, Narciso	El Pilar, Belize	Forest Gardener	Center participant
Trumble, Benjamin	Anthropology	Postdoctoral Scholar	Co-PI
Truxaw, Danielle	Harvard University	Research Associate/ Lecturer	Center Director
Tu, Kuo-Ch'ing	East Asian Languages and Cultural Studies	Professor	Center participant
Tu, Seiko	Library: East Asian Collections	Library Assistant	Center Director
Tufekci, Zeynep	University of North Carolina, Chapel Hill	Assistant Professor	Center participant
Tuholske, Cascade	Geography	Graduate Student	Center participant
Turk, Matthew	Professor	Computer Science	Center participant
Twine, France Windance	Sociology	Professor	Center participant
Tyrrell, Brian	History	CNS Graduate Fellow	Center participant
Tzul, Alfonso	El Pilar, Belize	Maya Forest Gardener	Center participant
Vaccari, Cristian	Royal Holloway, University of London	Reader	Center participant
VanDerwarker, Amber	Anthropology	Professor	PI

Vasquez, Olga	UCSD	Associate Professor	Center participant
Vejby, Caitlin	Global & International Studies	Graduate Student Researcher	Center participant
Venegas, Cristina	Associate Professor	Film & Media Studies	Center participant
Volcic, Zala	Pomona College	Lecturer	Center participant
Voorhies, Barbara	Anthropology	Professor Emerita	PI
Wadhwa, Tarun	Technology, International, Development, and Public Policy	Writer	Center participant
Wadhwa, Vivek	Stanford University	Fellow	Center participant
Wagner, Bryan	UCB	Associate Professor	Center participant
Walker, Barbara	ISBER / Research Development for Social Sciences, Humanities and the Fine Arts, Office of Research	Project Scientist / Director	PI / Director
Walsh, Casey	Anthropology	Associate Professor	PI
Ward, Geoff	Associate Professor	UC Irvine	Center participant
Warner, William	Professor	English Department	Center participant
Warnke, Georgia	UCR	Professor	Center participant
Wattles, Miriam	History of Art & Architecture	Associate Professor	Center participant
Wdzenczny, Dibella	Graduate Student	Linguistics	PI
Weber, John	UC Santa Cruz	Director, Inst. of the Arts & Science	Center participant
Weber, Rene	Communication	Professor	PI
Weinberger, Catherine	ISBER	Project Scientist	PI
Wellman, David	UCSC	Professor Emeritus	Center participant
White, Corey	Economics	Graduate Student	Center participant
White, David	Professor	Religious Studies	Center participant
Widick, Richard	Assistant Project Scientist	Sociology	Co-PI
Williams, Nicholas	Graduate Student	Anthropology	Center participant
Williams, Ronald	ISBER	Researcher	PI / Center Director
Wilson, Gregory	Anthropology	Associate Professor	PI
Winant, Howard	CNRS / Sociology	Director / Professor	PI / Center Director
Winter, Stephan	University of Duisburg-Essen, Germany	Postdoctoral Researcher	Center participant
Wojcieszak, Magdalena	University of Amsterdam	Associate Professor	Center participant

Wolfe, Amy	Oak Ridge National Laboratory	Group Leader	Center participant
Wong, Raymond Sin-Kwok	Professor	Hong Kong University of Science & Technology	Center participant
Woodson, Thomas	Stony Brook University	Assistant Professor	McNair Mentor
Woolley, John	Political Science	Professor	Center participant
Wright, Adam	Graduate Student	Economics	Center participant
Yaqub, Salim	History	Associate Professor	Center participant
Yamagishi, Toshio	Hitotsubashi University	Adjunct Professor	Center participant
Yamamoto, Traise	UCR	Associate Professor	Center participant
Yamauchi, Yoko	East Asian Languages & Cultural Studies	Lecturer	Center participant
Yang, Mayfair	East Asian Languages & Cultural Studies	Professor	Center participant
Yang, Rong	Education	Graduate Student Researcher	Center participant
Yegul, Fikret	Professor	History of Art & Architecture	Center participant
Yoneyama, Lisa	UCSD	Associate Professor	Center participant
York, Bob	Electrical & Computer Engineering	Professor	Center participant
Young, Michael	Student Affairs	Vice Chancellor	PI
Youtie, Jan	George Institute of Technology	Manager, Policy Services	Center participant
Yu, Hsiao-Jung	East Asian Languages & Cultural Studies	Professor	Center participant
Yun, John	Dept. of Education	Professor	Director
Zavella, Pat	UCSC	Professor	Center participant
Zayago-Lau, Edgar	Professor / Visiting Postdoctoral Scholar	Autonomous University of Zacatecas / CNS	Center participant
Zhang, Yan Xiang	University Science & Technology of China	Associate Professor	Center participant
Zhao, Ben	Associate Professor	Computer Science	Center participant
Zhao, XiaoJian	Asian American Studies	Professor	PI
Zheng, Xiaowei	East Asian Languages and Cultural Studies	Assistant Professor	Center participant
Zilbert, Elana	UCSD	Assistant Professor	Center participant



ISBER

Institute for Social, Behavioral & Economic Research
University of California Santa Barbara

Advisory Committee
2014-2015

www.isber.ucsb.edu

Director
Stuart Sweeney

2014-2015 Administrative and Technical Staff

Ashley Antoon/Trea DePrima, Center Program Assistant
Jana Bentley, Business Officer
Chelsea Brown, Administrative/Financial/Payroll Assistant
Claudia Diaz, Contract & Grant Administrator/Student Personnel
Monica Koegler-Blaha/Amy Jacobs, Personnel & Payroll Coordinator
Brendy Lim, Systems Administrator
Enrique Macias, Computer Network Technologist
Lacy Olivera, Contract & Grant Administrator
Paula Ryan, Contract & Grant Proposal Coordinator
Kelsey Sweet, Administrative/Financial/Purchasing/Travel
Katherine Tompkins, Contract & Grant Administrator

Director, Social Science Research Development
Barbara Walker

2014-2015 Advisory Committee

Doug Steigerwald (Chair), Economics
Sarah Anderson, Bren School/Political Science
Jana Bentley, *ex-officio*, ISBER Business Officer
Lynne Gamble, Anthropology
Shelly Lundberg, Economics
Wendy Meiring, Statistics & Applied Probability
Robin Nabi, Communications
Melvin Oliver, *ex-officio*, Letters & Sciences Dean, Division of Social Sciences
Stuart Sweeney, *ex-officio*, ISBER Director
Sarah Thebaud, Sociology
Barbara Walker, *ex-officio*, Office of Research, Director Research Development Social Sciences

Chancellor
Henry T. Yang

Executive Vice Chancellor for Academic Affairs
Joel Michaelson/David Marshall

Vice Chancellor for Research
Michael S. Witherell

Photographs by Ronald L. Williams