

2019-2020 ANNUAL REPORT



Institute for Social Behavioral and
Economic Research

————— UC Santa Barbara —————

www.isber.ucsb.edu

INSTITUTE FOR SOCIAL, BEHAVIORAL, AND ECONOMIC RESEARCH (ISBER)

**ANNUAL REPORT
July 1, 2019 - June 30, 2020**

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2019-2020

Mission Statement

Institute for Social Behavioral &
Economic Research

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ISBER
Mission Statement
July 1, 2019 – June 30, 2020

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) proposal development assistance 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.



2019-2020

Overview

ISBER
Overview
July 1, 2019 – June 30, 2020

ISBER offers significant individual services to faculty, researchers, and graduate students with proposal preparation, submission and grant administration. Services include 1) assistance with budget preparations and formatting, and ensuring proposals comply with sponsor's and UC guidelines prior to submission; and 2) post-award administration, including the financial management, monitoring and closeout of awards and projects.

ISBER administers the Social Science Research Grants Program (SSRGP) and Collaborative Research Initiative Grant (C-RIG). The ISBER Director manages the selection committee and makes all decisions regarding NCE or post-award budget requests. The SSRGP 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. During the past academic year, ISBER also issued the third call for the revived C-RIG. The purpose of this program is to provide resources to encourage the formation of new multidisciplinary and multi-methodological collaborative groups, which will seek extramural funding through the creation of working groups and/or execution of pilot studies. Awards for both programs 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. The Director includes a summary of the panel discussion that provides critical feedback for all of the proposals. Both the SSRGP and CRIG grants were evaluated by the same ad-hoc committee, consisting of Paul Amar (Global Studies), Dolores Ines Casillas (Chicano/a Studies), Barbara Harthorn (Anthropology), Miriam Kia-Keating (GGSE), Laury Oaks (Feminist Studies), and Paul Spikard (History). In response to the pandemic, ISBER put out a special call for Rapid COVID proposals under both programs with a rolling deadline. Nine of fourteen proposals approved for funding were related to the pandemic.

Although ISBER is nominally the campus's social science ORU, in fact it serves the entire campus community. During the past year, ISBER had **261** *paid* employees engaged in research or supporting ISBER's research mission. This included **45** faculty members receiving summer salaries, course release, or administrative stipends, **13** academic coordinators, **2** professional researchers, **2** project scientists, **8** postdoctoral scholars, **88** graduate students, **71** undergraduate students (as well as **323** unpaid undergrad and graduate volunteers or interns), **6** technical staff and **26** administrative staff. This year, there were an additional **126** persons from outside UCSB participating in ISBER-managed UCSB projects.

During the past year **64%** of its **98** faculty members with awards administered by ISBER were members in the Social Science Division of the College of Letters and Science. ISBER researchers come from **29** different departments in all three divisions of the College. Even this diverse picture is not an accurate reflection of ISBER's scope, since numerous projects include many additional participants. Among the **179** Principal Investigators that ISBER assisted throughout the year (with proposals & awards), **121** are active ladder faculty serving as PIs and co-PIs. Of those, **20%** are at the Assistant Professor rank, **21%** at the Associate Professor rank, and **59%** at the Full Professor rank.

Several research centers operate directly under or with ISBER's support. The most active of these include the Broom Center for Demography, which facilitates interdisciplinary research and training in social demography and population studies, with particular strengths in the study of socioeconomic inequality and health disparities. The Center for Information Technology and Society spans the Social Sciences, Humanities, and Engineering with the goal of understanding and guiding the development, use, and effects of information technologies in contemporary society. The Center for Middle East Studies strives to enrich the academic study of the Middle East. The mission of the Orfalea Center for Global & International Studies is to provide an intellectual and programmatic focus for the University's activities in global, international, and area studies. The mission of the Blum Center is to harness interdisciplinary perspectives to research the sources, mechanisms and consequences of Global Poverty in order to develop, assess and act on promising social and technical solutions that promote sustainable development.

ISBER continues to provide grants administration support to programs funded to increase campus undergraduate and graduate diversity, and student counseling and advocacy support services. ISBER entered the 13th year of grants administration for 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. Grants supporting the Office of Education Partnerships, include funding from UCOP/UC MESA for the MESA College Prep Program (MCP), the MESA University Program (MUP), and the Destination College Advising Corps (DCAC) Program, totaling \$356,221. The McNair Scholars Program continues to receive funding from the U.S. Department of Education (awarded \$1.16M), and continues to receive support from the Executive Vice Chancellor, Graduate Division, and the College of Letters & Science, in addition to gifts provided by Southern California Edison totaling \$280,000 annually.

ISBER also provides grants administration support for Summer Sessions, the Division of Student Affairs, including the Women, Gender, and Sexual Equity Department, Recreation, and UCSB's Early Childhood and Education Services. \$1.02M in funding from the U.S. Department of Education, the U.S. Department of Justice, the CA Department of Boating and Waterways, and the Jack Kent Cooke Foundation, provides the campus student body with education, financial support, and training opportunities. These include, education on rape prevention and advocacy services, sailing and boating safety training for participants of UCSB's Sailing Program.

Dr. Barbara Walker provides Research Development (RD) support for all areas of social science and humanistic social science research; interdisciplinary research that includes social science or societal components; and for faculty from all UCSB Colleges who pursue extramural funding to promote diversity, equity, and inclusion initiatives. ISBER welcomed 38 new researchers in 2019-2020 who either submitted proposals or administered grants for the first time through our ORU. These included 10 assistant professors, 4 associate professors, 7 full professors, 11 graduate students, and 6 other researchers. These scholars came from 7 social science and 7 other departments. During 2019-2020, Dr. Walker provided proposal review services to social science faculty members from all the departments in the Division of Social Science, in addition to social scientists who work in other Divisions at UCSB, including the Bren School, the Technology Management Program, Geography, and Environmental Studies. In addition to the Immigration Symposium, she organized and/or presented 13 workshops and events related to research funding.



2019-2020

Executive Summary

Institute for Social Behavioral &
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ISBER
Executive Summary
July 1, 2019 - June 30, 2020

ISBER serves the campus both through grants administration and its research development programs, serving a broad constituency in the Social Sciences and beyond. Barbara Walker worked with ISBER to offer workshops for grant writing and other activities supporting social science researchers, including the successful Immigration Symposium co-sponsored by ISBER, the Office of Research, Division of Social Sciences and Blum Research Hub.

Research Accomplishments

ISBER supported projects investigating a wide range of topics. A descriptive picture of the scope of ISBER's **2019-2020** grants administration is provided by the following statistics. For purposes of comparison, last year's figures are in parentheses:

- Supported **179** (131) PIs and co-PIs on the projects it administered.
- Administered **324** (253) projects, including **138** (102) extramural projects, and **186** (151) intramural projects, programs, seed funding, conferences and other projects.
- The total value of new awards for the year was **\$5.26 million** (\$5.7M).
- The total value of all funds administered, including multi-year grants administered was **\$27,814,661** (\$23,847,652).
- Submitted **113** (113) proposals for funding, **69** (77) were from ladder faculty.
- The value of the proposals submitted was **\$19.07 million** (\$17.8M).
- The number of PIs new to ISBER was **25** (23), **21** (10) of which were ladder faculty.
- Submitted **11** (12) graduate student proposals.

Funding sources included 9 federal agencies, including NSF, NEH, NIH, US Department of Education (IES, McNair/TRiO, Title V HSI) and US Department of Justice, USDA (Agriculture Research Service, National Institute for Food & Agriculture) USDI National Parks Service, US Army Corps, US Office of Navy Research, as well as funding from 4 State of California agencies (CA Department of Education, Planning and Research, Dept. of Boating & Waterways, and Dept. of Parks and Recreation). A total of 30 different private foundations, nonprofits and other sources funded projects, including ACLS, APHA, Mellon, Gates,, Carnegie, Center for Community Change, Conservation International Foundation, Elsevier Foundation, Global Integrity, Haskins Laboratories,, Templeton Foundation, Rockefeller Family

Fund, Robert Wood Johnson Foundation,, Smith Richardson Foundation, Russell Sage Foundation, William T. Grant Foundation and W.K Kellogg Foundation. Additional funding came from 4 campus programs, 1 for-profit organization, 14 UC sources, 7 foreign sources, including the Max Planck Institute and the University of Ottawa, the University of London, the Japan Foundation, and 16 other Colleges and Universities, including Arizona State, George Washington University, Northeastern, Ohio State, Princeton, University of Arizona, Maryland, NYU, Notre Dame, Pennsylvania, Pittsburgh, Princeton, Texas-Arlington, Virginia, and Washington, Virginia Polytechnic and Yale.

Research included studies of Alzheimer's disease and Dementia, one focusing on maintaining family connections through VR technology (Afifi and Collins, Small Business Technology Transfer) and another comparing rural vs industrial settings to investigate the role of environment in the occurrence of the disease (Gurven, NIH), conservation and human-wildlife interactions (Alagona, NSF), Marx's letter writing (Anderson, ACLS), the effects of legal status on immigrants (Arenas Varias, UC Mexus and Russell Sage Foundation), energy justice and the Lithium trade in the Andes (Barandiarán, Sawyer Seminar and NSF), two linguistics HBCU initiatives (Bucholtz and Charity-Hudley, UCOP and NSF), transparency in government revenue sharing in Uganda (Buntaine, NSF), human rights in the Arab World (Hajar, NEH), increasing participation by women and minorities in Engineering (Tettegah, NSF), the McNair Scholars Program (Schneider and Hudley, Department of Education), arboriculture and Pre-Columbian regional food systems (Vanderwarker, NSF), ONDAS (Walker, Department of Education), water needs in the Cuyama Valley (Walsh, Santa Barbara County Public Works), and the social impacts of morality in film (Weber, Templeton Foundation).

In **2019-20**, the Social Science Research Grant Program (**SSRGP**) was funded again by OR, the EVC, and Social Sciences Dean. ISBER received **11** (5) proposals from social science and other faculty, requesting **\$81,176** (\$34,793) in support. We awarded **9** (4) grants to faculty members in **6** (4) departments. Award sizes ranged from \$3,000 to \$8,250. **Six** of the **11** proposals were from junior faculty (Assistant or Associate Prof.) and all received awards.

The Collaborative Research Initiatives Grant (**C-RIG**) received **5** (4) proposals from social science and other faculty, requesting **\$38,839** in support. We awarded **5** (3) grants to faculty members in **3** (3) departments. Awards ranged from \$7,000 - \$8,000. Four of the 5 proposals were from junior faculty and all 4 received awards.

With the onset of the pandemic, a special call was put out in both the SSRGP and CRIG programs for COVID related research. A total of **5 SSRGP** and **4 CRIG** awards were given to projects related to the pandemic and **8** of them were able to begin immediately. The Rapid COVID projects have already produced **six** conference presentations, a chapter in an edited volume, and at least two proposals for extramural support. 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.

Following are highlights of select projects:

Robin Nabi, “Coping with COVID-19: The role of media in stress mitigation” (SSRGP Rapid COVID). This project examined how media consumption in the early stages of the COVID-19 crisis influenced coping efficacy and well-being among the general US population with some particular focus on parents. Approximately 550 US adults completed two surveys - one in late April 2020 and the other in mid May 2020, a subset of whom were caregivers of children under 18, in which they were asked about their media use as well as their personality traits, stress levels, and coping-related variables. Initial results indicate that (a) those higher in initial well-being make media selections that enhanced their well-being the following month (e.g., inspiring media), (b) those higher in initial stress make media selections that worsen their stress (e.g., news), and (c) parental guilt over child screen use is more stressful to parents and more harmful to the parent-child relationship than actual amount of child screen use. Other findings are likely to emerge as data analysis continues

Matto Mildenerger, “Exploring Public Attitudes Amidst Crisis: COVID-19 and Climate Change” (C-RIG, Rapid COVID). The confluence of economic, health, social and environmental crises in 2020 raises a number of important questions. Our focus here is on the potential interactions between the COVID-19 pandemic, the economic and social disruptions it has caused, and the increasingly urgent climate crisis. In this project, we employed public opinion surveys in the United States and Canada to explore the impact of COVID-19 on public attention to climate change and support for mitigation policies. Our preliminary analysis suggests three findings 1) local exposure to COVID-19 slightly displaced prioritization of climate risks; 2) framing climate change as similar to COVID-19 can elevate climate concern; and 3) embedding climate measures in COVID-19 response packages increases support for pandemic response policies. This project also resulted in a presentation at the American Political Association Annual Meeting in September 2020.

Erika Felix, “Health Behaviors & Psychosocial Outcomes among Gen Z Youth Amidst the COVID-19 Pandemic” (C-RIG, Rapid COVID). Young adults (ages 18-30 years old) have unique needs and considerations during the COVID-19 pandemic compared to other adult groups which may affect how they receive and apply various public health messages. We conducted a prospective, longitudinal study of young adults across the mainland United States and Puerto Rico (PR) by re-contacting our participants in the College Life After Natural Disaster Study (two waves of pre-pandemic data), for surveys in 2020 and 2021. The results to date provide a preliminary glimpse into the experiences of young adults during the pandemic. As public health recommendations adjust due to increased spread of the virus, and people become weary from the public health measures while also increasing in hope due to vaccines, our Wave 4 data collection will provide useful information on how

behaviors and attitudes evolve during this ongoing threat. We also look forward to examining how pre-pandemic factors in our participants' lives affect their adjustment, attitudes, and behavior during the pandemic. Based on this preliminary work, a public service document was prepared for distribution to parents and teachers through GGSE.

Impact of Research Shut Down

Due to the Research Shut Down as a result of the COVID-19 pandemic, many researchers with projects that require field work had to shut down. The shutdown of research led to researchers seeking no-cost extensions, in addition to shifting their research timelines until research could resume. There was also a substantial increase in the number of proposals submitted through ISBER, likely at least in part a consequence of the enforced pause in research allowing more time for the preparation of new proposals. Although staff have adjusted well to remote work, the stress and complications of working entirely from home have made many tasks more difficult and time consuming.

5-Year Projection of Plans and Aspirations

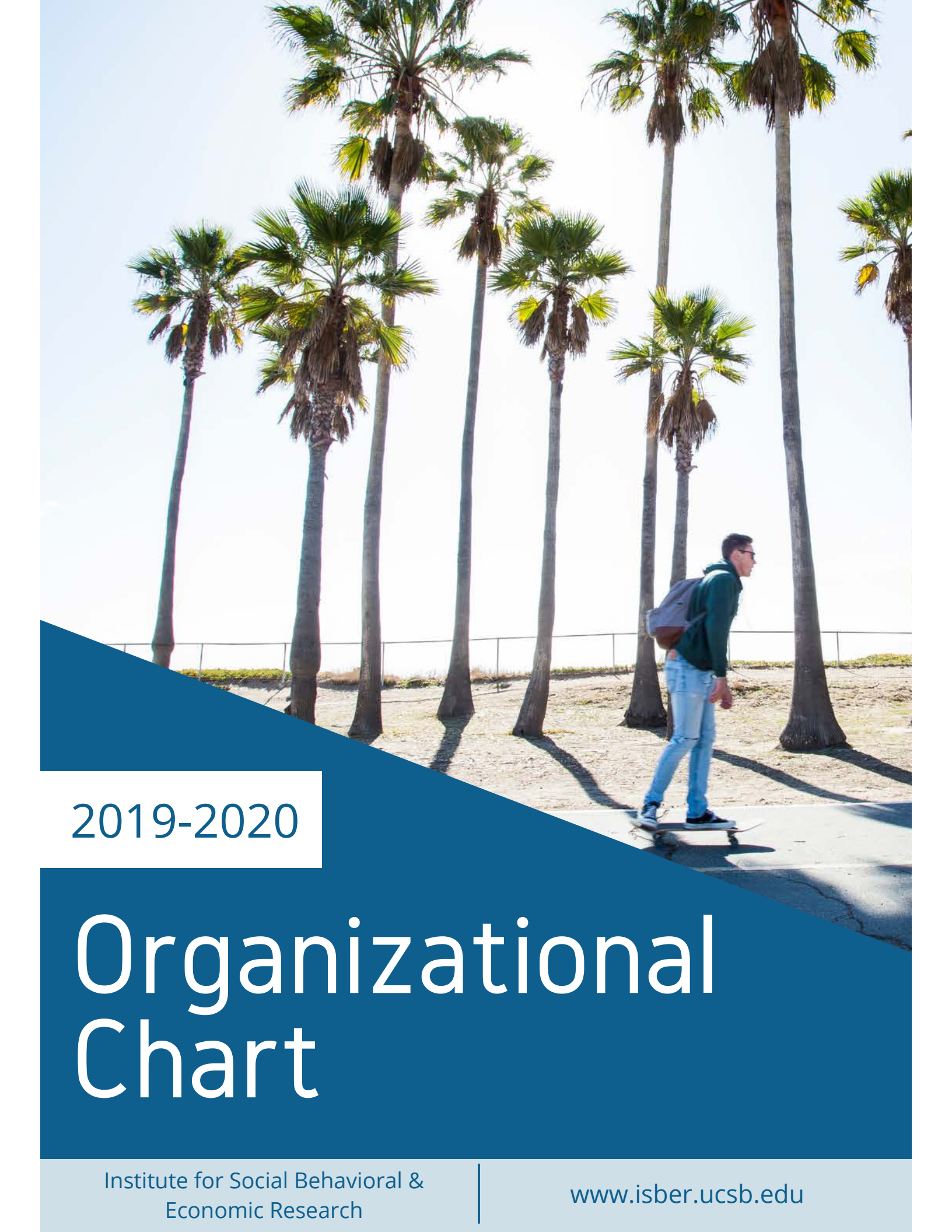
ISBER will continue to address the recommendations coming out of the last program review. Several have already been satisfied but there remains room to continue to refine and develop the services and intellectual context provided by ISBER, in particular programming to encourage interdisciplinary research and create a greater sense of community among those pursuing social science research at UCSB. The organization during the past two years of highly successful Social Science Symposia with the support of Barbara Walker of the Office of Research and Dean Hale of the Division of Social Sciences has made a significant contribution to these goals. Although planning has been interrupted by the pandemic, we will be addressing this in our next Advisory Committee meeting.

ISBER's skilled staff and reputation for effective grant management continues to attract requests for support. There has been a degree of turnover, mainly staff seeking better opportunities, but we have so far managed smooth transitions. Given that a significant portion of staff time is funded by overhead and other contributions arising from grants and centers, it is important that funding for staff time be supplied by overhead or built into grants. It is critical ISBER received support to continue the administration on non-research, campus programs.

With this cycle, we are on track to completing a review of all ISBER centers, assessing their effectiveness and viability, and will begin cycling through the list again next year, achieving the goal of a 5 year review of every center under ISBER. The SSRGP provides a critical resource for pilot studies leading to extramural support and small-scale higher risk research that would be hard to fund from

extramural support. The program has made a significant contribution to diversity and gender equity, and is often a faculty member's first exposure to ISBER. Around half of the grant applications that we process come from former recipients. Continued funding from OR, the EVC, and Social Sciences Dean is critical to the continued existence of the program. Funding was renewed for only a single year—a multiple year commitment would open the possibility of leveraging funding from the Deans of other Divisions when one of their faculty is awarded a grant, as was the case previously. The Collaborative Research Initiative Grant is now well established and adds to this resource for the support of faculty research projects, especially pilot/feasibility studies, and the program has been revived and expanded. Both programs have a proven track record of generating extramural support.

At this point, ISBER serves an important role as a resource for Social Science and other faculty and researchers, as well as an umbrella for various research institutes, but does not itself act as a place where Social Science faculty can create a sense of community. In consultation with the Advisory Committee, we are exploring different options for developing ISBER as a place for Social Science faculty to meet and socialize, share research interests and perhaps create unexpected synergies. Some attempts to move in this direction have been made in the past, but a serious attempt to create a sense of community around ISBER will require a sustained program to create the interest and a critical mass amongst social scientists at UCSB. In coordination with Dean Hale, ISBER plans to create a Center Advisory Committee bringing together the various center directors, along with other stakeholders in the social sciences, with a goal towards creating a greater awareness of initiatives, identifying areas for collaboration, and perhaps generating common research goals/priorities that create the kind of community and synergies envisioned in the last program review.

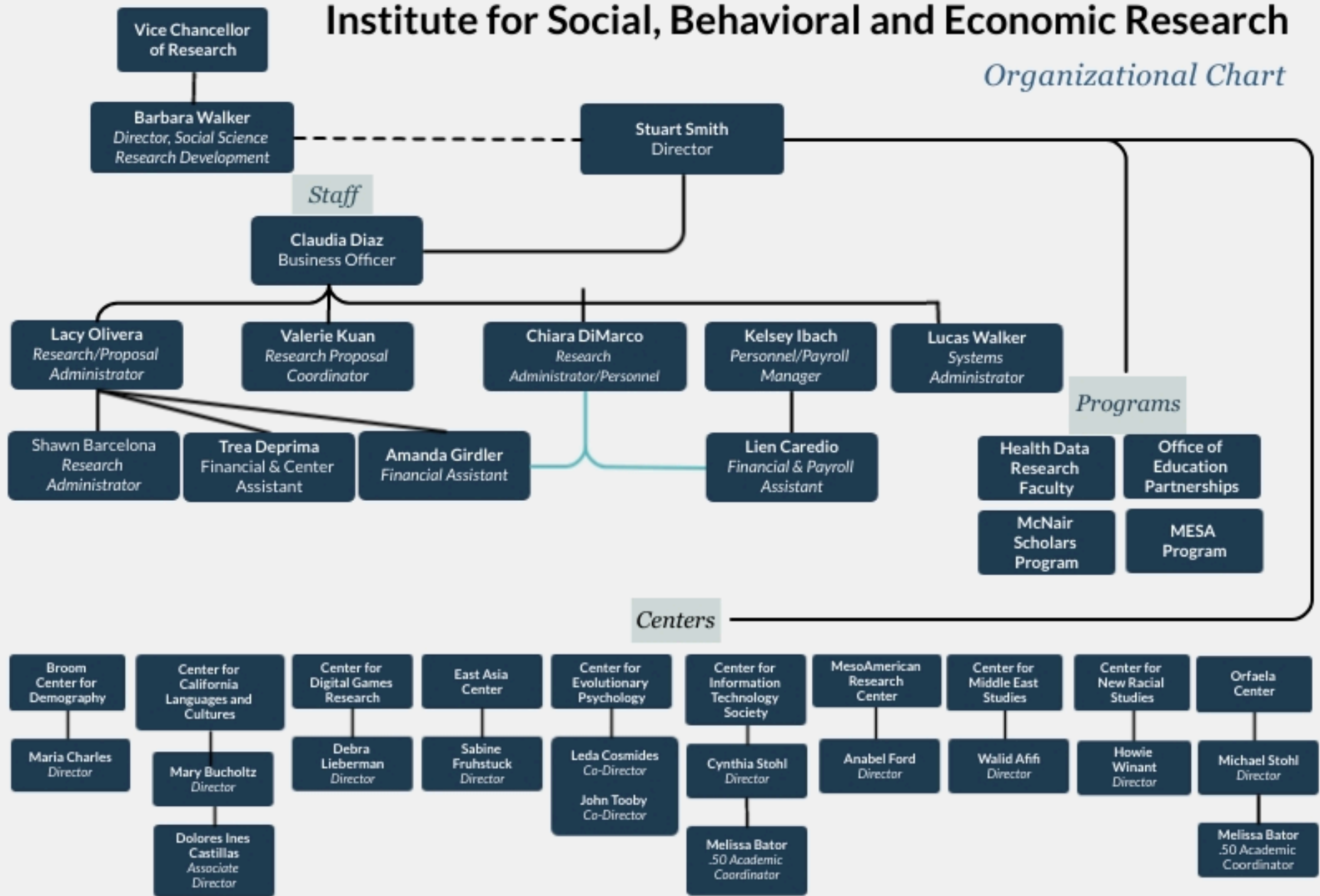


2019-2020

Organizational Chart

Institute for Social, Behavioral and Economic Research

Organizational Chart





2019-2020

ISBER Advisory Committee, Administrative and Technical Staff

Institute for Social Behavioral &
Economic Research

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**ISBER Advisory Committee, Administrative, and Technical Staff
July 1, 2019 – June 30, 2020**

Director

Stuart T. Smith

2019-2020 Administrative and Technical Staff

Shawn Barcelona, Research Administrator
Claudia Diaz, Business Officer
Trea DePrima, Center Program Assistant
Chiara DiMarco/Lien Caredio, Administrative/Financial/Payroll Assistant
Kelsey Ibach, Personnel & Payroll Manager
Valerie Kuan, Research Administrator-Student Personnel
Lacy Olivera, Research Administrator-Supervisor
Alysa Sweeney, Research Administrator/Proposal Coordinator
Lucas Walker, Computer Network Technologist
Amanda Girdler, Administrative/Financial/Purchasing/Travel

Director, Social Science Research Development

Barbara Walker

2019-2020 Advisory Committee

Laury Oaks (Chair), Feminist Studies
Paul Amar, Global & International Studies
Mark Buntaine, Bren School
Claudine Michel, Black Studies
Norah Dunbar, Communication
Diane Fujino, Asian American Studies
Heather Royer, Economics
Paul Spickard, History
Heather Stoll, Political Science

Claudia Diaz, *ex-officio*, ISBER Business Officer
Charles R. Hale, *ex-officio*, Letters & Sciences Dean, Division of Social Sciences
Stuart T. Smith, *ex-officio*, ISBER Director
Barbara Walker, *ex-officio*, Office of Research, Director Research Development Social Sciences

Chancellor

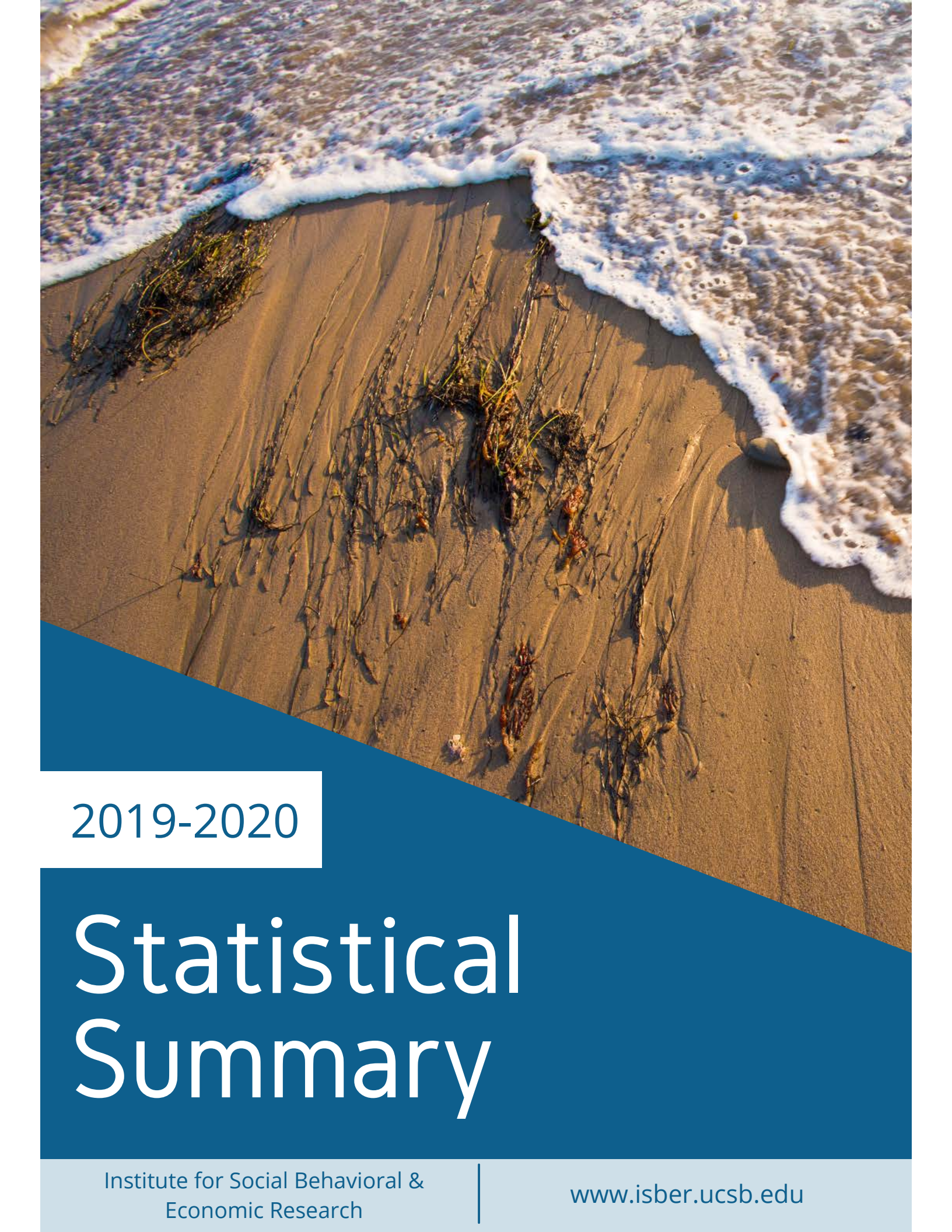
Henry T. Yang

Executive Vice Chancellor for Academic Affairs

David Marshall

Vice Chancellor for Research

Joseph Incandela



2019-2020

Statistical Summary

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STATISTICAL SUMMARY FOR: ISBER

2019-2020

1. Academic personnel engaged in research:	
a. Faculty	121
b. Professional Researchers (including Visiting)	45
c. Project Scientists	2
d. Specialists/Academic Coordinators/Consultants	13
e. Postdoctoral Scholars	8
f. Postgraduate Researchers	0
TOTAL	189
2. Graduate Students:	
a. Employed on contracts and grants	53
b. Employed on other sources of funds	35
c. Participating through assistantships	35
d. Participating through traineeships	28
e. Other (specify)	0
TOTAL	151
3. Undergraduate Students:	
a. Employed on contracts and grants	45
b. Employed on other funds	26
c. Number of volunteers, & unpaid interns	315
TOTAL	386
4. Participation from outside UCSB: <u>(optional)</u>	
a. Academics (without Salary Academic Visitors)	16
b. Other (HS Teachers, Industry, Non-UC Faculty, etc.)	44
5. Staff (Univ. & Non-Univ. Funds):	
a. Technical	6
b. Administrative/Clerical	26
6. Seminars, symposia, workshops sponsored	70
7. Proposals submitted	113
8. Number of different awarding agencies dealt with*	85
9. Number of extramural awards administered	138
10. Dollar value of extramural awards administered during year**	\$21,063,731
11. Number of Principal Investigators***	179
12. Dollar value of other project awards ****	\$2,788,397
13. Number of other projects administered	209
14. Total base budget for the year (as of June 30, 2019)	\$926,869
15. Dollar value of intramural support	\$3,035,664
16. Total assigned square footage in ORU	13,274
17. Dollar value of awards for year (08 Total)	\$5,257,558

* 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.



2019-2020

Principal Investigators

Institute for Social Behavioral &
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**ACTIVE PRINCIPAL INVESTIGATORS
AND CO-PRINCIPAL INVESTIGATORS
July 1, 2019 - June 30, 2020**

Adler-Kassner, Linda	Writing Program / L&S	Professor / Associate Dean Undergraduate Education
Afifi, Tamara	Communication	Professor
Afifi, Walid	Communication	Professor
Agey, Elizabeth	Anthropology	Graduate Student
Alagona, Peter	History & Environmental Studies	Associate Professor
Alami Gouraftei, Sarah	Anthropology	Graduate Student
Aldana, Gerardo	Chicano/a Studies	Professor
Amar, Paul	Global & International Studies/ Orfalea Center	Professor / Director
Ameeriar, Lalaie	Feminist Studies	Associate Professor
Andeson, Amy	Anthropology	Graduate Student
Anderson, Kevin	Sociology	Professor
Anderson, Sarah	Bren School of Environmental Science & Management	Associate Professor
Arenas Velazquez, Erika	Sociology	Assistant Professor
Auderset, Sandra	Linguistics	Graduate Student
Barandiarán, Javiera	Latin American and Iberian Studies	Assistant Professor
Barnett, Miya	Gevirtz Graduate School of Education	Assistant Professor
Barrage, Lint	Economics	Assistant Professor
Bax, Anna	Linguistics	Graduate Student
Beaman, Jean	Sociology	Assistant Professor
Bedard, Kelly	Economics	Professor / Department Chair
Belding, Elizabeth	Communication	Professor
Beltz, Glenn	Engineering	Professor
Beveler, Michael	Communication	Assistant Professor
Blackwell, Aaron	Anthropology	Associate Professor
Blankholm, Joseph	Religious Studies	Assistant Professor
Boddy, Amy	Anthropology	Assistant Professor
Boris, Eileen	Feminist Studies	Hull Professor
Boswell, Alicia	History of Art & Architecture	Assistant Professor
Brown, Kaitlin	Anthropology	Graduate Student
Brown, Michelle	Anthropology	Assistant Professor

Brysk, Alison	Global & International Studies	Professor / Department Chair
Bucholtz, Mary	Center for California Languages & Cultures / Linguistics	Director / Professor
Buntaine, Mark	Bren School of Environmental Science & Management	Associate Professor
Cachadina, Maribel Bueno	Mathematics	Lecturer
Campbell, Eric	Linguistics	Assistant Professor / Director of Undergraduate Studies
Castellanos, Mario	Office of Education Partnerships	OEP Executive Director
Charity Hudley, Anne	Linguistics	Professor
Charles, Maria	Broom Center / Sociology	Director / Professor
Chatillon-Reed, Anna	Sociology	Graduate Student
Chavez-Garcia, Miroslava	History	Professor
Chen, Jia Ching	Global Studies	Assistant Professor
Cheng, Yi-Yang	Linguistics	Graduate Student
Clarke, Keith	Geography	Professor
Coggins, Bridget	Political Science	Associate Professor
Collins, Nancy	QMSS / Psychological & Brain Sciences	Professor
Conway, Briana	Campus Advocacy, Resources & Education (CARE)	Director
Cornejo, Monica	Communication	Graduate Student
Cosmides, Leda	Center for Evolutionary Psychology / Psychological & Brain Sciences	Co-Director / Professor
Crouch, Caroline	Linguistics	Graduate Student
Curtin, Michael	Mellichamp Cluster / Film & Media Studies	Director / Professor
Czuleger, Cathy	Recreation	Sr. Associate Director
Dunbar, Norah	Communication	Professor & Chair
Elvir, Hilal	Global Studies	Researcher
Equinoa, Kimberly	Women's Center	Associate Dean & Director
Espinoza, Mario	Sociology	Graduate Student
Falasca-Zamponi, Simonetta	Sociology	Professor
Felix, Erika	Gevirtz Graduate School of Education	Associate Professor
Fine, Julia	Linguistics	Graduate Student
Flanagin, Andrew	Communication	Professor

Ford, Anabel	Mesoamerican Research Center / ISBER	Director / Adjunct Professor
Fouque, Jean-Pierre	Statistics & Applied Probability	Professor
Franks, Alexander	Statistics & Applied Probability	Assistant Professor
Friedkin, Noah	Sociology	Professor
Fruhstuck, Sabine	East Asian Languages & Cultural Studies	Professor
Fujino, Diane	Asian American Studies	Professor
Gaines, Steve	Bren School of Environmental Science & Management	Dean
Gamble, Lynn	Anthropology	Professor Emerita
Garcia, San Juanita	Chicana/o Studies	Assistant Professor
Gaulin, Steve	Anthropology	Professor
Genetti, Carol	Graduate Division / Linguistics	Dean / Professor
Gibbs, Jennifer	Communication	Professor
Giles, Matt	Communication	Graduate Student
Glassow, Michael	Anthropology	Professor Emeritus

Gonzales, Amy Lisa	Communication	Associate Professor
Gottfried, Michael	Gevirtz Graduate School of Education	Associate Professor
Gu, Mengyeng	Statistics	Assistant Professor
Gurven, Michael	Anthropology	Professor
Hale, Charlie	Division of Social Science/Anthropology/ Global Studies	Dean / Professor
Hajjar, Lisa	Sociology	Professor
Halcomb, Laura	Sociology	Graduate Student
Harthorn, Barbara Herr	Anthropology	Professor
Hegarty, Mary	Psychological and Brain Sciences	Professor
Hixon, Sean	Anthropology	Graduate Student
Hove, Carmen	Anthropology	Graduate Student
Ibarra, Jonathan	Sociology	Graduate Student
Ichiba, Tomoyuki	Statistics	Associate Professor
Jaimeson, Amy	Exercise & Sports Studies	Lecturer
Jammalamadaka, S. Roa	Statistics	Distinguished Professor

Juergensmeyer, Mark	Global & International Studies	Distinguished Professor
Kam, Jennifer	Communication	Associate Professor
Katsika, Argyro	Linguistics	Assistant Professor
Kendall, Bruce	Bren School of Environmental Science & Management	Professor
Kennedy, Robert	Linguistics	Lecturer
Kennett, Douglas	Anthropology	Professor
Kia-Keating, Maryam	Gevirtz Graduate School of Education	Professor
Kim, Lina	Summer Sessions	Director
Klawunn, Margaret	Office of the Vice Chancellor for Student Affairs	Vice Chancellor for Student Affairs
Kosik, Kenneth	MCDB	Professor
Kuczenski, Brandon	ISBER	Associate Researcher
Kuhn, Peter	Economics	Distinguished Professor
Lahiri, Swaroopa	Global Studies	Graduate Student
Lawson, David	Anthropology	Associate Professor
Leombruni, Lisa	Bren School of Environmental Science & Management	Program Manager & Lecturer
Lewallen, anne-elise	East Asian Languages & Cultural Studies	Associate Professor
Li, Xiaorong	East Asian Languages & Cultural Studies / East Asia Center	Professor / Co-Director
Lieberman, Debra	Center for Digital Games Research / Communication	Director / Emerita
Lien, Pei-te	Political Science	Professor
Lopez-Carr, David	Geography	Professor
Love-Nichols, Jessica	Linguistics	Graduate Student
Ludkowvski, Michael	Statistics & Applied Probability	Professor / Chair
Luna, Zakiya	Sociology	Associate Professor
Lundberg, Shelly	Economics	Professor
Mahdavi, Paasha	Political Science	Assistant Professor
McCool, Weston	Anthropology	Graduate Student
McDonnell, Lorraine	Political Science	Professor Emeritus
Mehta, Aashish	Global Studies	Associate Professor
Melton, Mallory	Anthropology	Graduate Student
Merolla, Andrew Joseph	Communication	Associate Professor

Metzger, Miriam	Communication	Professor
Mildenberger, Matto	Political Science	Assistant Professor
Miller, Michael	Office of Financial Aid & Scholarships	Assistant Vice Chancellor, Enrollment Services
Miller-Young, Mireille	Feminist Studies	Associate Professor
Mireles-Rio, Rebeca	Gevirtz Graduate School of Education	Assistant Professor
Mithun, Marianne	Linguistics	Professor
Moore, Kathleen	Religious Studies	Professor
Muse, Annette	Early Childhood Care & Education Services	Program Coordinator
Nabi, Robin	Communication	Professor
Narang, Neil	Political Science	Associate Professor
Nash, Carlos	ISBER	Academic Coordinator
O'Connor, Alice	Blum Center	Director
O'Connor, Mary	ISBER	Researcher
Oprea, Ryan	Economics	Professor
Orlando, Mark	Exercise & Sports Studies	Lecturer
Palakurthy, Kayla	Linguistics	Graduate Student
Park, John	Center for New Racial Studies / Asian American Studies	Co-Director / Professor & Chair
Park, Lisa Sun-Hee	Asian American Studies	Professor / Chair
Pellow, David	Environmental Studies	Dehlsen Endowed Chair, Professor
Petersen, Alexander	Statistics & Applied Probability	Assistant Professor
Raymond, Geoffrey	Sociology	Professor
Resnick, Elana	Anthropology	Assistant Professor
Rios, Victor	Sociology	Professor
Roberts, Luke	History / East Asia Center	Professor / Co-Director
Roberts, Sarah	Gevirtz Graduate School of Education	Assistant Professor
Royer, Heather	Economics	Associate Professor
Saldivar Tanaka, Emiko	Anthropology	Associate Project Scientist
Scanlon, Catherine	Linguistics	Graduate Student
Schneider, Beth	McNair Scholars Program / Sociology	Director / Professor
Sherman, David	Psychological and Brain Sciences	Professor
Sims, Nathaniel	Linguistics	Graduate Student
Slade, Allison	Exercise & Sports Studies	Program Advisor/Lecturer

Smith, Stuart Tyson	Anthropology	Professor
Stohl, Michael	Communication	Professor
Stokes, Leah	Political Science	Assistant Professor
Stoll, Heather	Political Science	Associate Professor
Telles, Edward	Sociology	Distinguished Professor
Tettegah, Sharon	Black Studies	Professor
Thalar, Kai	Global Studies	Assistant Professor
Thébaud, Sarah	Sociology	Associate Professor
Tooby, John	Center for Evolutionary Psychology / Anthropology	Co-Director / Professor
Tyburczy, Jennifer	Feminist Studies	Associate Professor
VanDerwarker, Amber	Anthropology	Professor / Chair
Vespa, Emanuel	Economics	Associate Professor
Voorhies, Barbara	Anthropology	Professor Emeritus
Vriesema, Christine	Gevirtz Graduate School of Education	Postdoctoral Scholar
Walker, Barbara	ISBER / Research Development for Social Sciences, Humanities and the Fine Arts, Office of Research	Academic Coordinator/ Director
Walker, Janet	Film & Media Studies	Professor
Walsh, Casey	Anthropology	Professor / Chair
Walther, Joseph	CITS / Communication	Director / Faculty Research Associate
Wang, Yuedong	Statistics	Professor
Weatherford, Stephen	Political Science	Professor Emeritus
Weber, Rene	Communication	Professor
Weinberger, Cathy	ISBER	Project Scientist
Williams, Ronald	Automated Vital Statistics System / ISBER	Director / Researcher
Wilson, Gregory	Anthropology	Associate Professor
Winant, Howard	Center for New Racial Studies	Director / Professor
Winddance Twine, France	Sociology	Professor
Wooten, Terrence	Black Studies	Assistant Professor
Zhao, Xiaojian	Asian American Studies	Professor
Zimman, Lal	Linguistics	Associate Professor



2019-2020

UCSB Graduate and Undergraduate Students

Institute for Social Behavioral &
Economic Research

www.isber.ucsb.edu

Postdoctoral Researchers, Graduate and Undergraduate Students
July 1, 2019 – June 30, 2020

Postdoctoral Scholars

Raziel Davison
Heather Hodges
Thomas Kraft
Maggie McPherson
Kelsey McCune
Michael McInturff
Tiffany Pan
Susan Schaffnit

Graduate Students

Alami Gouraftei, Sarah
Alshaif, Gokh
Angiuli, Andrea
Askarisichani, Omid
Ballouz, Ronald
Bax, Anna
Brush, Amanda
Budge, Jason
Buscariolli, Andre
Calhoun, Kendra
Cornell, Devin
Coyotecatl Contreras, Jessica Malin
Cupples, Hope
Dodd, Jacqueline
Edwards, Jeremy
Exford, Jazmine
Fawcett, Alexia
Feng, Jeff
Feng, Yichen
Fisher, Jacob
Flores, Iliana
Fontaine, Samuel
Freeman, Jennifer
Giles, Matthew
Guerrero, Ana
Halcomb, Laura
Hansia, Moheemmad
Hoover, Barbara
Hopp, Frederic

Hunnicutt, Patrick
Jang, Jiyoung
Jefferson, Nikayla
Jin, Hongyuan
Kassner, Nora
Kelekay, Jasmine
Kirkwood, Gavin
Lucas, Krista
Lovering, Jessica
Maldonado, Alejandra
Mazur, Allison
McClelland-Cohen, Av
Means, Daniel
Miles-Hercules, Dean
Miljanich, Chris
Monroe, Shayla
Morales, Christopher
Moreira, Vitoria
Muwwakkil, Jamaal
Nolan, Madeline
Ortosky, Lauren
Otmar, Christopher
Paulson, Caitlin
Peters, Simon
Pinheiro De Oliveira
Quick, Justice
Quinn, Olivia
Radde, Hugh
Rodriguez Solis, Gerardo
Sahn, Alexander
Singh, Sanjeevan
Smith, Emily
Stewart, Simone
Stiefel, Maximilian
Tejeda, Amaru
Thompson, Amoni
Tsai, Karen
Uddin, Noosha
Ugoretz, Kaitlyn
Uppal, Anagha
Wang, Vania
Wilkenfeld, Jennifer
Williams, Emily
Xu, Chengyuan
Yang, Rujun
Zonouzi, Leila

Undergraduate Students

Abdelmaksoud, Mohame
Acevedo, Ernesto
Aceves Lopez, Mabel
Ali, Warsan
Andersen, Ella
Bermudez, Micaela
Braza, Kevin
Briseno, Xochitl
Cantu, Angela
Chastain, Jonathan
Chen, Zheng
Chiu, Calvin
Chora, Israel
Chung, Bryan
Cisneros, Monica
Colin, Marco
Crimmel, Thomas
Cruz, Elvia
Curiel Hernandez, Francisca
Curry, Tiana
Danner, Quinlyn
DelgadoJose
EddyZoey
Evans, Teralyn
Ferrerias, Leilani
Finn, Anthony
Fobbs, Jordan
Frick-Jenkins, Alyssa
Fuggins, Jordyn
Galaviz-Sarmiento, Brian
Gamble, Zachary
Garcia, Kevin
Garvey, Kelly
Gascon, Ian
Gentile, Cloe
Gheza, Isaiase
Golian, Leili
Gonzalez, Sebastian
Grib, Joseph
Guillen, Miguel
Hadidi, Kimia
Haynes, Alaina
Hernandez, Rosalia
Iheanacho, Juanita

Jevtic, Anna
Kaczmar, Mika
Kam, Brian
Kerey, Ajar
Khamis, Yara
Kinane, Sarah
Ko, Erica
Ko, Erica
Kodor, Adam
Kopel, Brooke
Kwon, Sarah
Lao, William
Lau, Eric
Lerma, Ivan
Leung, Melanie
Lopez Santiago, Jaqu
Lopez, Emily
Lopez, Fidel
Lopez, Jacqueline
Lyon, Alexandra
Mau, Elizabeth
McLeod, Taylor
Mejia, Vanessa
Mendoza, Nicole
Mitchel, Jordan
Monahan, Chloe
Mori, Risa
Murillo, Gilbert
Myngher, Jessica
Naur, Simran
Nguyen, Faye
Orendain, Carlos
Orendain, Kaveh
Osgood, Alyson
Owens, Teannae
Pahl, Bryant
Palmer, Wren
Patil, Shalmali
Perez-Vega, Luna
Perez, Yanelyn
Priestley, Ashlee
Puga Teran, Christia
Quintana, Brandon
Rafanelli, Michelle Amarica
Ramirez Moreno, Carolina
Rising, Ryan

Rosales, Julia
Sagastume, Lorna
Sanchez Gutierrez, V
Sanchez, Diana
Sanchez, Julian
Sherman, Kenna
Shiferaw, Nardos
Siddiqui, Zehra
Simpson Hiel, Carl
Singh, Tanisha
Solomon, Zion
Soto, Abraham
Stone, Jason
Subert, Ali
Suh, Samuel
Swanson, Emma
Tai, Callista
Tan, Hong
Thicklin, Raymond
Thompson, Katie
Torres, Veronica
Tran, Justin Christo
Tran, Miranda
Valencia, Kenadee
Valenzuela, Erin
Valenzuela, Jacqueline
Valverde, Karla
Van Dorsten, Allison
Vega, Samantha
Wang, Chenyue
Whalen, Renee
Wright, Rebecca
Zeyaei Kajbaf, Erfan



2019-2020

External Participation

Institute for Social Behavioral &
Economic Research

www.isber.ucsb.edu

External Participants
July 1, 2019 – June 30, 2020

Names of student and faculty participation from other campuses or universities, including name, affiliation, and project/program of participation.

AFIFI, TAMARA

Kyle Rand (Rendever)
Rebecca Logsdon (Univ. of Washington)
Joe Coughlin (MIT AgeLab)
Ken Fujiwara (visiting scholar at UCSB at the time)

AFIFI, WALID

Center for Middle East Studies

Helen Murdoch (Santa Barbara Unified School District)
Sato Moughalian (author and Armenian-American researcher)
Hillary Kilpatrick (independent scholar)

AMAR, PAUL

Orfalea Center for Global & International Studies

Ana Paula Miranda (Fluminense Federal University, Brazil)
Fernando Brancoli (Federal University of Rio de Janeiro, Brazil)
Dalia Abdel Hameed (Rutgers University)
Hatem Hassan (U. Pittsburgh)
Xiaopei He (U. Sussex and Beijing Pink Space)

ANDERSON, AMY

Ben Trumble (Arizona State University)
Angela Garcia (Arizona State University)
David Hunt (National Museum of Natural History, Smithsonian Institution)
Linda Sutherland (MemorialCare)
Lexi O'Donnell (University of Mississippi)
Ethan Hill (University of New Mexico School of Medicine)

ARENAS, ERIKA

Edward Telles (UC Irvine)

AUDERSET, SANDRA

Carmen Hernández Martínez (MICOP)

BARANDIARAN, JAVIERA

Javiera Madrid (Research Assistant in Chile)

Luz Maria Narbona (Research Assistant in Chile)

BODDY, AMY

Lisa Abegglen (University of Utah)

Joshua Schiffman (University of Utah)

Marc Tollis (Arizona State University)

Carlo Maley (Arizona State University)

Athena Aktipis (Arizona State University)

Zach Compton (Arizona State University)

BUNTAINE, MARK

Brigham Daniels (Brigham Young University)

Paul Bukuluki (Makerere University)

Marco Millones (University of Mary Washington)

Stuart Hamilton (Salisbury University)

CAMPBELL, ERIC

Arcenio Lopez (MICOP)

CHARLES, MARIA

Broom Center for Demography

Deborah Cobb-Clark (University of Sydney)

Tony Goldberg (University of Wisconsin)

Kyle Crowder (University of Washington)

Emily Oster (Brown University)

Joscha Legewie (Yale University)

Siobhán Mattison (University of New Mexico, Anthropology)

Rachel Franklin (Brown University, Population Studies)

Tukufu Zuberi (University of Pennsylvania, Sociology)

Jennifer Glass (University of Texas - Austin, Sociology)

Hilary Hoynes (University of California, Berkeley, Economics)

CHARITY-HUDLEY, CYNTHIA

Harmony Donald (North Carolina A&T University)
Jullien Harris (North Carolina A&T University)
Angel Longus (Stevenson University)
Kayla Mitchell (North Carolina A&T University)
Shannon Robinson (Western Michigan University)
Aris Clemon (University of Texas Austin)
Michel DeGraff (MIT)
Brandy Gatlin Nash (UC Irvine)
Joseph Hill (Rochester Institute of Technology)
Khalil Iskarous (University of Southern California)
Krystal Smalls (University of Illinois – Urbana-Champaign)
Julie Washington (Georgia State University)

CHEN, JIA CHING

Ricardo Cardoso (Yale, National University of Singapore)
Henrik Ernstson (University of Manchester)
Wangui Kimari (University of Cape Town & U. Manchester)
Tiffany Liu (University of Johannesburg)

CONWAY, BRIANA

Enrica Bertoldo (California Department of Public Health)
David Lee (California Coalition Against Sexual Assault)
Mina Lai White (California Department of Public Health)
Idalia Gomez (Standing Together To End Sexual Assault)

DUNBAR, NORAH

Divya Srinivasan (Virginia Tech)
V.S. Subrahmanian (University of Maryland)
Judee Burgoon (University of Arizona)
Jay Nunamaker (University of Arizona)
Dimitris Metaxas (Rutgers University)
Jure Leskovec (Stanford University)

ESPINOZA-KULICK, MARIO

Jodene Takahashi (CalPoly San Luis Obispo)
Elisa González (CalPoly San Luis Obispo)

FELIX, ERIKA

Krzysztof Kaniasty (Indiana University of Pennsylvania)

FORD, ANABEL

Mesoamerican Research Center

James Bacon (GIS)
Claudia Knudson (GIS)
Paulino Morales (San Carlos Guatemala)
Macduff Everton (Photographer)
Cynthia Ellis Topsey (Community Outreach Belize)
Narciso Torres (Forest Garden Belize)
Alfonso Tzul (Forest Garden Belize)

GAULIN, STEVEN

Bin-Bin Chen (Fudan University, Shanghai)
Carolyn Hodges-Simeon (Boston University)
Jinguang Zhang (University of Hawaii, Manoa)

GIBBS, JENNIFER

Ruwan Bandara (University of Wollongong)
Ecem Basak (University of Illinois, Chicago)
Maheshwar Boodraj (Georgia State University)
Chih-Yuan Chou (Purdue University)
Ying-Qiu Dong (National University of Singapore)
Rebecca Downes (Victoria University of Wellington)
Xuan Feng (Indiana University)
Assia Lasfer (McGill University)
Yulia Litvinova (WHU – Otto Beisheim School of Management)
Emily Martinez (Purdue University)
Jihyun (Esther) Paik (University of Wisconsin - Madison)
Julia Schlegelmilch (KIN, Vrije Universiteit Amsterdam)
Maximillian Schreieck (Technical University of Munich)
Wei Shi (Rutgers University)
Sophia Town (Arizona State University)
Cristina Trocin (Ca' Foscari University of Venice)
Tao Wang (Simon Fraser University)
Dawei Wang (University of Oklahoma)
Yu Xu (University of Southern California)
Michail Batikas (LMU Munich)
Abayomi Baiyere (Copenhagen Business School)
Supriya Kaitheri (Middlesex University, Dubai)
Shi-Ying Lim (National University of Singapore)

Lusi Yang (National University of Singapore)
Laurie Giddens(Southern Illinois University Edwardsville)
Laura Amo (University at Buffalo)
Yasser Rahrovani (Western University, Ivey School of Business)
Yegin (Genc Pace University)
Harris Kyriakou (IESE Business School)
Julia Eisenberg (Pace University)
Sanja Tumbas (IESE Business School)
Daniel Fuerstenau (Freie Universität Berlin)
Arafat Salih Aydiner(Istanbul Medeniyet University)
Haifeng Zhang (Carnegie Mellon University)
Fouad Zablith (American University of Beirut)

GURVEN, MICHAEL

Caleb Finch (USC)
Margy Gatz (USC)
Andrei Irimia (USC)
Hillard Kaplan (Chapman)
Amanda Lea (Princeton)
Jagat Narula (Mt Sinai)
Kari North (UNC)
Jonathan Stieglitz (IAST-TSE)
John Sutherland (Memorial Care)
Linda Sutherland (Memorial Care)
Gregory Thomas (Memorial Care)
Randall Thompson (University of Missouri Medical)
Benjamin Trumble (ASU)

HARTHORN, BARBARA

Terre Satterfield (University of British Columbia)
Milind Kandlikar (University of British Columbia)

HEGARTY, MARY

Faculty from CSU Channel Islands:

Blake Gillespie (Chemistry)
Cynthia Flores (Mathematics)
Ahmed Awad (Chemistry)
Erich Fleming (CSUCI)
Katherine Elder (CSUCI)
Christy Teranishi-Martinez(CSUCI)

Faculty from CSU Fresno:

James Marshall, Dean of the Graduate Division
Christopher Meyer, Dean of Sciences
Joshua Reece (Biology)
Amber Crowell (Sociology)
Ettore Vitali (Physics)
David Lent (Biology)
Helda Pinzon-Perez (Public Health)

Participants from UC Merced:

Christopher Kello (Associate Dean of the Graduate Division)
Marjorie Zatz (Dean of the Graduate Division)
Asmeret Berhe (Interim Associate Dean of the Graduate Division)
Robert Boria (UC Merced)
Maria Duenas (UC Merced)
Dominique Davenport (UC Merced)
Alexandria Pabst (UC Merced)
David Veloz (UC Merced)

Phil Trella (University of Virginia)

HOVE, CARMEN

Melanie Martin (University of Washington)
Eleanor Bindle (University of Washington)
Masson Hubble (Seattle Pacific University)

KATSIKA, ARGYO

Louis Goldstein (USC)
Jelena Krivokapic (University of Michigan)
Hosung Nam (Korea University & Haskins Laboratories)
Elliot Saltzman (Boston University)
Ioana Chitoran (Universite de Paris)

LAWSON, DAVID

Joyce Wamoyi (National Institute of Medical Research in Mwanza Tanzania)
Maria Dardoumpa (Universidad Nacional de Educación a Distancia, Madrid Spain)
Mark Urassa (National Institute for Medical Research, Mwanza Tanzania)

LEIN, PEI-TE

Yining Sun (Fudan University)

LOPEZ-CARR, DAVID

Kevin Mwenda (Brown University)
Narcisa Pricope (University of North Carolina Wilmington)

LUDKOVSKI, MICHAEL

Miguel Heleno (Lawrence Berkeley National Lab)

MAHDAVI, PAASHA

Jessica Green (University of Toronto)
Jennifer Hadden (University of Maryland)
Thomas Hale (Oxford University)
Ollie Ballinger (Oxford University)
Elena Pierard Manzano (Oxford University)

MCCOOL, WESTON

Aldo Javier Accinelli Obando (Pontificia Universidad Católica del Perú)

MELTON, MALLORY

Maria Andrea Rojas Montes (Universidad de San Carlos, Guatemala)
Sarah Young (Universidad de San Carlos de Guatemala)
Don Jorge Ramirez (Local Research Assistant, No Academic Affiliation)

METZGER, MIRIAM

Chengkai Li (UT-Arlington),
Jun Yang (Duke)
Sibel Adlai (Rensselaer Polytechnic Institute)
Luna Dong (Amazon)
Jonathan Bakdash (Army Research Lab)
Laura Marusich-Cooper (Army Research Lab)
Alun Preece (Cardiff)
Ashwin Machanavajjhala (Duke)
Lavanya Vasudevan (Duke)
Cong Yu (Google Research),
Marina Danilevsky (IBM Research – Almaden)
Yun-yao Li (IBM Research - Almaden)
Char Sample (ICF Inc., a global cybersecurity consulting company)
Xiaojing Liao (Indiana U.)
Juliana Freire (NYU)
Sutanay Choudhury (Pacific Northwest National Lab)

Giovanni da San Martino (Qatar Computing Research Institute)
Preslav Nakov (Qatar Computing Research Institute)
Nan Tang (Qatar Computing Research Institute)
Jing Gong (Temple U.)
Naeemul Hassan (U. of Maryland)
Gautam Das (UT-Arlington)
Ming Li (UT-Arlington)
Shirin Nilizadeh (UT-Arlington)
Mark Tremayne (UT-Arlington)
Yan Xiao (UT-Arlington)
Jennifer Zhang (UT-Arlington)
Daniel Krawczyk (UT-Dallas)
Lauren Santoro (UT-Dallas)
Yinghui Wu (Washington State)

MILDENBERGER, MATTO

Parrish Bergquist (Georgetown University)
Hannah Breetz (Arizona State University)
Katherine Hoffmann Pham (NYU)
Michelle Hummell (UT Arlington)
Mark Lubell (UC Davis)
Jennifer Marlon (Yale University)
Francesco Rampazzo (Max Planck Institute)
Leah Rosenzweig (Stanford University)

NABI, ROBIN

Nathan Walter (Northwestern University)
Lara Wolfers (U. Tubingen)

NARANG, NEIL

Colin Kahl (Stanford)
John Mueller (Ohio State)
Rupal Mehta (University of Nebraska–Lincoln)
Alex Wellerstien (Stevens Institute of Technology)
Matthew Kroenig (Georgetown University)
Toby Dalton (Carnegie Endowment for International Peace)
John Scott (Los Alamos National Lab)
Tristan Volpe (Naval Post Graduate School)

NOWAK, JOANNE

Sarah Jaquette Ray (Humboldt University)

O'CONNOR, ALICE

The Richard C. Blum Center

Jerome Morgan (Free-Dem Foundations)

Daniel Rideau (Free-Dem Foundations)

Robert Jones (Free-Dem Foundations)

Marisela Morales (Central Coast Alliance United for a Sustainable Economy)

Sigrid Wright (Community Environmental Council)

Cameron Gray (Community Environmental Council)

Ana Rosa Rizo-Centino (Central Coast Organizer)

Vanessa Teran (MICOP)

Manuel Pastor (University of Southern California, Director of California's Equity Research Institute)

The Fund for Santa Barbara

Freedom 4 Youth

People Assisting the Homeless (PATH)

Boys & Girls Club of Santa Barbara

Isla Vista Tenants Union

Anti-Defamation League (Orange County and Long Beach branch)

PETERSEN, ALEXANDER

Afshin A. Divani (University of New Mexico)

Piotr Kokoszka (Colorado State University)

PINES, RACHYL

Maria Benedetti (RN Cottage Health)

Jessica Arentz (Griffith University Australia)

Liz Jones (Griffith University)

Nicola Sheeran (Griffith University)

Blair (Yin) Jin (University of Macau)

Aron Pamoso (Researcher, Graduate Student, Philippines)

RAYMOND, GEOFFREY

Kristin Precoda (SRI International's Speech Technology and Research (STAR) Laboratory)

Nikki Jones (UC Berkeley)

ROBERTS, LUKE

East Asia Center

Ha Sung Hwang (Dongguk University Korea)
Eunjin Choi (the Korea Foundation)

SALDIVAR, EMIKO

Lina Rosa Berrio Palomo (Centro de Investigaciones y Estudios Superiores en Antropología Social, Unidad Pacífico Sur)
Karla Renata Flores (Centro de Análisis y Medición del Bienestar Social)
Pamela Humble (Centro de Análisis y Medición del Bienestar Social)
Beatriz Amaro Clemente (MUAFRO)
Juliana Acevedo Ávila (OFPNA)
Apolinaria Liboria Habana Roque (Consejo Afromexicano de Tututepec) Dominga
Alfonsa López (Red Mujeres de la Costa - REMCO)
Candelaria Donají Méndez Tello (Universidad Autónoma de Guerrero)
Aleida Violeta Vazquez Cisneros (MUAFRO)
Graciela Teruel Belismelis (Universidad Iberoamericana México)
Fabiola Fernández Guerra Carrillo (Campaña AfroCenso MX0
Tomás López Sarabia (CEPIADET)
Maria Jose Rodriguez Avila (Solidaridad Internacional Kanda - SiKanda)
Carlos Augusto Viáfara López (Universidad del Valle in Cali, Colombia)

SMITH, MELISSA

Paola M. Sesia (CIESAS-Pacífico Sur, Oaxaca, Mexico)
Ushma Upadhyay (UCSF)
Dallas Swendeman (UCLA)
Ndola Prata (UC Berkeley)
Jennifer Wagman (UCLA)

STOLL, HEATHER

Geoff Allen, University of Utah

STOHL, MICHAEL

Trends

Benjamin K. Smith (CSU East Bay)
Andrea Figueroa-Caballero (University of Missouri)
Musa al-Gharbi (Columbia University)

STOKES, LEAH

Katharine Wilkinson

Julian NoiseCat (Data for Progress)
Stephen Lacey (Postscript Audio)
Jaime Kaiser (Postscript Audio)
Jesse Jenkins (Princeton University)
Gernot Wagner (New York University)
Andreas Duit (Stockholm University)
Ole Martin (NORCE Norwegian Research Centre)

TETTEGAH, SHARON

Alan Craig (University of Illinois, Urbana-Champaign)
David Vallett (Univ. of Nevada, Las Vegas)
Jessica Young (Notre Dame University)
Angela Benson (University of Alabama)

VESPA, EMANUEL

Alistair Wilson (University of Pittsburgh)
Taylor Weidman (University of Pittsburgh)

WALKER, BARBARA

Susan Carlson (UC Office of the President)
Susan Carter (Santa Fe Institute)
John Crockett (SDSU)
Valerie Leppert (UC Merced)
Rebecca Lewison (SDSU)
Amanda Quintero (CSUCI)

WALTHER, JOSEPH

Center for Information Technology and Society (CITS)

Jesse Fox, Ohio State University
Libby Hemphill, University of Michigan
Elaine Hoter, Talpiot College of Education, Israel
Nicole Krämer, University of Duisburg-Essen, Germany
Roger McNamee, Silicon Valley investor and author
Kevin Munger, Princeton University
Stephanie Tom Tong, Wayne State University

WANG, YUEDONG

Peter Kotanko (Renal Research Institute)

WEATHERFORD, STEPHEN
LORRAINE MCCDONNELL

Marcus Loiseau (UC Berkeley)

WEBER, RENE

Katherine Pieper (University of Southern California)
Stacy Smith (University of Southern California)

Yu, HONGBO

Keiko Ishii (Nagoya University)
Jiajin Tong (Peking University)



2019-2020

Projects & Other Activities

Workshops and Conferences **July 1, 2019 – June 30, 2020**

AMAR, PAUL

Orfalea Center for Global & International Studies

Title: Communication as Visibility Management

Date: October 2-3, 2019

Description: The Visibility Research Hub 2-day intensive collaborative meeting, to bring together a small group of international researchers working on questions about visibilities.

Co-hosted with Center for Information Technology & Society

Title: Visit with Serap Ruken Sengal

Date: December 3, 2019

Description: Serap Ruken Sengal visited with students and the local community regarding Kurdish feminist history and current political reality.

Co-hosted with the Center for Middle East Studies.

BELTZ, GLEN

CASTELLANOS, MARIO

Office of Education Partnerships/MESA

Title: 21st Annual Destination College! Science and Technology MESA Day (MESA Advisor Training & Orientation/Start-of-Year meeting)

Date: Fall 2019

Description: This training provided a platform to let Advisors who attended the SMART training to showcase what they learned and allowed the Advisors who could not attend SMART, a chance to get hands-on experience with the competitions.

Title: MESA Professional Academy for Student Success (PASS)

Date: October 12, 2019

Description: The event had industry professionals who hosted workshops on networking, resume development, developing negotiating skills and mock interviews.

Jointly with MESA community college programs in the local area.

Title: MESA Student Leadership Conference

Dates: October 25-26, 2019

Description: Attended by MESA University program students where they were able to network with peers and industry professionals as well as gain valuable skills to land a job or internship.

Title: 21st Annual Destination College! Science and Technology MESA Day

Date: February 29, 2020

Description: Over 500 MESA and DCAC students participated in STEM workshops and MESA Day competitions.

In collaboration with the Office of Education Partnerships; DCAC Program; 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.

CHARITY-HUDLEY, ANNE

Advancing African-American Linguist(ic)s Symposium

UC Davis

July 6-7, 2019

Co-hosted with Mary Bucholtz and Nicole Holliday.

Held in conjunction with the 2019 Linguistic Institute and was open to undergraduates, graduate students, and faculty institute attendees. Showcased research on African American Language, including the undergraduate program participants.

O'CONNOR, ALICE

Blum Center on Poverty, Inequality, and Democracy

Title: Building a Green New Deal: Community, Coalition, and Organizing for Environmental Justice

Date: October, 2019

Description: Standing room only campus/community event with key topics related to the Green New Deal for the panel discussion

With other campus partners, notably the Interdisciplinary Humanities Center, the Fund for Santa Barbara, the UCSB Environmental Studies Program, and the Central Coast Climate Justice Network.

Title: Blum Graduate Fellow Workshops

Dates: September 5 & December 11, 2019

Description: These workshops brought together our graduate fellows with UCSB Blum Faculty affiliates to present and discuss their work, promote interdisciplinary learning, and share professional strategies and advice.

Title: Panel Discussion and Panel Forum – Building a Green New Deal

Date: October 24, 2019

Description: This event highlighted the coalitional work of the Central Coast Climate Justice Network in its efforts to develop a more equitable and resilient environmental future for our region. Panelists included: Marisela Morales, Executive Director, Central Coast Alliance United for a Sustainable Economy, Co-convener, C3JN; Sigrid Wright, Executive Director, Community Environmental Council, Co-convener, C3JN; Cameron Gray, Transportation and Climate Manager, Community Environmental Council; Ana Rosa Rizo-Centino, Senior Central Coast Organizer, Food & Water Action; and Vanessa Teran, Policy and Communications Associate, MICOP.

The Blum Center was a key co-sponsor of this event.

Title: Virtual Information Campaign – Underrepresented Communities & Unequal Impacts of COVID-19

Dates: June 1 – 5, 2020

Description: This virtual campaign had daily postings outlining the unequal impacts of the pandemic on marginalized communities (specifically Black, Latinx, and Indigenous populations in the US), and grassroots efforts to support these communities and advocate for structural changes that will address these health inequities.

Title: Annual Poverty Action Days

Date: June, 2020

Description: This featured a virtual information campaign involving a five-day series of daily infographics related to the unequal impacts of COVID on marginalized communities, grassroots efforts to support these communities, and opportunities to get involved in addressing these inequalities.

ROBERTS, LUKE

East Asian Center

Title: Workshop : An Emotional Revolution: Loves and Loyalties in Imperial Japan, 1868-1945

Date: December 16, 2019

Co-sponsorship with EALCS

WALTER, JOSEPH

Center for Information Technology & Society

Title: Communication as Visibility Management

Date: October 2-3, 2019

Description: The Visibility Research Hub 2-day intensive collaborative meeting, to bring together a small group of international researchers working on questions about visibilities.

Co-hosted with the Orfalea Center for Global & International Studies

Presentations

July 1, 2019 – June 30, 2020

AFIFI, WALID

Amy Fallas presented, “Between Heaven and Empire: Esther Fahmy Wissa’s Advocacy in Interwar Egypt,” UCSB Gender and Sexuality Workshop, June 2020

ANDERSON, KEVIN

Kevin B. Anderson, speaker on panel on “Race, Capital, and the Climate,” sponsored by the Zetkin Collective, University of Lund, Sweden (Feb. 5, 2020)

Kevin B. Anderson, public lecture on “Marx on Nationalism, Ethnicity, and Non-Western Societies,” sponsored by ABF, Malmö, Sweden (Feb. 6, 2020)

Kevin B. Anderson, colloquium on “Marx’s Late Writings: Theories of revolutionary change and of alternatives to capitalism,” sponsored by Development Studies Department, School of Oriental and African Studies, University of London, UK (Feb. 7, 2020)

Kevin B. Anderson, colloquium on “Marx’s Late Writings: Theories of revolutionary change and of alternatives to capitalism,” sponsored by Departments of Sociology and Anthropology and Maynooth University Social Sciences Institute, National University of Ireland-Maynooth (Feb. 12, 2020)

BARANDIARAN, JAVIERA

Barandiaran, “Should we dig here? Lithium Mining in the Atacama” at the Social Studies of Science annual meeting in New Orleans, LA, September 2019

Barandiaran, “Science and Aerial Aesthetics of the Atacama” at the Society for the History of Technology annual meeting in Milan, Italy, October 2019

Barandiaran, “Science and Aerial Aesthetics of the Atacama” at the Chilean Society for Science Studies annual meeting in Santiago, Chile, January 2020

BELTZ, GLENN

Micaela Morgan and Mirian Gutierrez presented “Supporting Educational Access through High Impact Practices: A program implementation model” at the virtual Alliance for Hispanic Serving Institution Educators (AHSIE) conference, March 10, 2020.

BODDY, AMY

Boddy AM. Life history and cancer (invited lecture) at Cancer and Embryo Development, Arizona State University, Tempe AZ

Boddy AM. Cancer across the tree of life: New insights into an ancient disease (invited lecture) at UCLA Department of Medicine Grand Rounds, Darwin Day Lecture, Los Angeles CA

BROWN, KAITLIN

Recent Archaeological Investigations at Mission La Purisima State Historic Park. Paper presented at the Society for California Archaeology Data Sharing Meeting, Sedgwick Reserve, CA. By Kaitlin M. Brown and Gina Mosqueda-Lucas. 2019

Food Residue Analysis on Soapstone Cooking Vessels in the Chumash Homeland: Implications for Changing Foodway Patterns during the Mission period across the Colonial Landscape. Paper presented at the Annual Meeting for the Society for American Archaeology, Albuquerque, New Mexico. 2019

CAMPBELL, ERIC

Auderset, Sandra; Christian D. Brendel; Eric W. Campbell; Simon L. Peters, Kevin Schäfer & Albert Ventayol-Boada. Advancing the diachronic and typological study of tone with comparative lexical databases: a case study of five Mixtec varieties. 52nd Annual Meeting of the Societas Linguistica Europaea, Leipzig University, Germany, Aug. 21–24, 2019.

Auderset, Sandra; Christian D. Brendel; Eric W. Campbell; Simon L. Peters, Kevin Schäfer & Albert Ventayol-Boada. An empirical reconsideration of tone volatility and segment stability in Mixtec languages. 13th Conference of the Association for Linguistic Typology, University of Pavia, Italy, Sep. 4–6, 2019.

Auderset, Sandra & Carmen Hernández Martínez. Hacia un análisis de la flexión verbal en el Tù'un Na Ñuu Sá Matxí Ntxè'è (Mixteco de San Martín Duraznos). IX Congreso de Idiomas Indígenas de Latinoamérica (CILLA). Universidad de Texas en Austin, October 10, 2019.

Bax, Anna. 'Like I always teach my little brother to speak Mixteco': Language socialization, language ideology, and youth agency in the California Mixtec diaspora. Colloquium, Department of Linguistics, California State University Long Beach

Bax, Anna. Language shift and sibling language socialization in the California Mixtec diaspora." Colloquium, Department of Liberal Studies, California State University San Marcos

Bax, Anna. How a Swadesh list became a tool for sibling language socialization in the Mixtec diaspora. Society for the Study of the Indigenous Languages of the Americas, New Orleans, Louisiana.

Bax, Anna. Language professionalization as a trigger for language-ideological revalorization in a Mixtec immigrant community. 118th Annual Meeting of the American Anthropological Association, Vancouver, British Columbia.

Bax, Anna & Rachel Enevoldsen (CCC-SLP). Linguist-speech pathologist collaboration as service-in-return to speakers of minority languages. 94th Annual Meeting of the Linguistic Society of America, New Orleans, Louisiana. Jan 2-5, 2020

Campbell, Eric W.; Albert Ventayol-Boada; Simon L. Peters; Kevin Schaefer; Christian D. Brendel & Sandra Auderset. Correspondencias tonales regulares e irregulares en lenguas mixtecas de California. Conference on Indigenous Languages of Latin America-IX, University of Texas at Austin, Oct. 10-12, 2019

Peters, Simon. Clases flexivas en el Tù'un Ntá'vi (mixteco) de Kàjv ã Ntsiáá (Piedra Azul, San Martín Peras, Oaxaca). IX Congreso de Idiomas Indígenas de Latinoamérica (CILLA). Universidad de Texas en Austin, October 11, 2019.

Peters, Simon & Gabriel Mendoza. Morphophonological processes in Piedra Azul Tù'un Ntá'vi (Mixtec, San Martín Peras). Annual meeting of the Society for the Study of the Indigenous Languages of the Americas, New Orleans, January 5.

Mendoza, Gabriel & Simon Peters. Mixtec in the Central Coast: Piedra Azul T'un Nt'vi (San Martín Peras). WLMA Working Group, UC Santa Cruz. Feb. 21, 2020

Ventayol-Boada, Albert; Carmen Hernández Martínez; John Cano Barrios & Eric W. Campbell. Elaboración de recursos didácticos digitales para el Tù'un na Ñuu Sá Matxîi Ntxè'è: gamificación, documentación y colaboración con la comunidad. Conference on Indigenous Languages of Latin America-IX, University of Texas at Austin, Oct. 10-12, 2019

CHARITY-HUDLEY, ANNE

Anne Charity Hudley and Jamaal Muwwakkil. "Dynamics of African-American Language & Culture, and the Politics of Inclusion in Higher Education." Plenary Address. University of California Black Administrators Council (UCBAC) Conference, September 9-10, 2019

Anne Charity Hudley, Lal Zimman, Tracy Conner, Kendra Calhoun, Jamaal Muwwakkil, deandre miles-hercules, and Maya Keshav. "Workshop: Roadmap for Inclusion in Sociocultural Linguistics." NWAV 48 conference, University of Oregon, October 10, 2019 (Invited)

Anne Charity Hudley. "Talking College: A Community-Based Language and Racial Identity Development Model for Black College Student Justice." Keynote Address. Race, Inequality, and Language in Education Conference, Stanford University, October 18-19, 2019

Anne Charity Hudley. "Talking College: A Community-Based Language and Racial Identity Development Model for Black College Student Justice." Massachusetts Institute of Technology Linguistics Department, October 30-31, 2019

Anne Charity Hudley. "Fostering a Culture of Racial Inclusion in Linguistics: For the Children of the 9th Ward Circa 2005." Plenary Address. Linguistic Society of America Annual Meeting, New Orleans, January 4, 2020

"Talking College: A Community-Based Language and Racial Identity Development Model for Black College Student Justice." Department lecture. University of Pennsylvania. February 2020

CHEN, JIA CHING

R. Cardoso, H. Ernstson and J.C. Chen presented "Blocos Urbanism: On the Materiality of Luanda's Petro-infused Urban Transformations" at the Political Ecology Network POLLEN Biennial Conference, online Sept. 23, 2020.

COGGINS, BRIDGET

Bridget Coggins presented "Domestic Anarchy in a World of States" at: Center for Strategic Studies, Fletcher School of Law & Diplomacy (October 28, 2019)
University of Chicago (November 21, 2019)
Beijing Foreign Studies University (November 26, 2019)
MIT Security Studies Program (via Zoom May 6, 2020)
Penn State University (February 5, 2021)

CONWAY, BRIANA

Sven Rundman presented "Building a Safer Campus: Addressing Campus Sexual Assault Prevention through a Public Health Lens " at the American Public Health Association Annual Conference in a virtual format on October 27, 2020

CHARITY-HUDLEY, ANNE

"Talking College: A Community-Based Language and Racial Identity Development Model for Black College Student Justice." Department lecture. University of Pennsylvania. February 2020

Anne Charity Hudley. "Fostering a Culture of Racial Inclusion in Linguistics: For the Children of the 9th Ward Circa 2005." Plenary Address. Linguistic Society of America Annual Meeting, New Orleans, January 4, 2020.

Anne Charity Hudley. "Talking College: A Community-Based Language and Racial Identity Development Model for Black College Student Justice." Massachusetts Institute of Technology Linguistics Department, October 30-31, 2019

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Anne Charity Hudley, Lal Zimman, Tracy Conner, Kendra Calhoun, Jamaal Muwwakkil, deandre miles-hercules, and Maya Keshav. "Workshop: Roadmap for Inclusion in Sociocultural Linguistics." NWA 48 conference, University of Oregon, October 10, 2019 (Invited)

Anne Charity Hudley and Jamaal Muwwakkil. "Dynamics of African-American Language & Culture, and the Politics of Inclusion in Higher Education." Plenary Address. University of California Black Administrators Council (UCBAC) Conference, September 9-10, 2019

CHATILLON, ANNA

Anna Chatillon presented "From Copper Kool-Aid to Silver Bullet: Comparing Advocates' Arguments for Long-Acting Reversible Contraceptive in Texas and California" at the Sociologists for Women in Society meeting in San Diego, CA, January 30-February 2, 2020

DUNBAR, NORAH

Bai, C., Bolonkin, M., Burgoon, J., Chen, C., Dunbar, N., Singh, B., Subrahmanian, V. S., Wu, Z. (2019, July). Automatic Long-Term Deception Detection in Group Interaction Videos. IEEE International Conference on Multimedia and Expo (ICME) 2019. Shanghai, China.

Ford, B. R., Dorn, B., Hansia, M., Dunbar, N. E., Giles, M., Metzger, M., Burgoon, J. K., Subrahmanian, V. S. (2019, January). Fight vs Flight: Dominance strategies of groups of deceivers. Paper presented to the 52nd Hawaii International Conference on System Sciences, Wailea, HI.

Dunbar, N. E., Denault, V., Hansia, M. (2020, January). Transcript analysis for deception detection. Invited presentation at the Credibility Assessment and

Screening Technologies Symposium at the Hawaii International Conference on System Sciences, Wailea, HI.

Burgoon, J. K., Dunbar, N. E. & Jensen, M. (2020, January). An integrated spiral model of trust. Invited presentation at the Credibility Assessment and Screening Technologies Symposium at the Hawaii International Conference on System Sciences, Wailea, HI.

Pentland, S., Spitzley, L., Chen X., Wang X., Burgoon, J.K., Dunbar, N. E, Nunamaker J.F. (2020, January). Behavioral Indicators of Dominance in an Adversarial Group Negotiation Game. Invited presentation at the Credibility Assessment and Screening Technologies Symposium at the Hawaii International Conference on System Sciences, Wailea, HI.

Metzger, M. J. (2020, January). The influence of culture on trust and deception detection accuracy. Invited presentation at the Credibility Assessment and Screening Technologies Symposium at the Hawaii International Conference on System Sciences, Wailea, HI.

Dunbar, N. E. (2020, June). Persuasive Deception and Dyadic Power Theory. SCAN Webinar series:
https://home.cs.dartmouth.edu/~mbolonkin/scan/webinars/webinar_info.html

ESPINOZA-KULICK, MARIO

Mario Espinoza-Kulick was accepted to present “Together We Can: Decolonial Ethnography as a Method for Advancing Health Equity” at Pacific Sociological Association in Eugene, OR, 3/26/2020.

FORD, ANABEL

Anabel Ford: Republic of Plants. Indian Institute of Technology Madras.2019 Anabel Ford: Discovering the El Pilar Community and the Archaeological Commitment to Participation. Paper presented at the American Anthropological Association meetings, Vancouver. 2019

Paulino Morales, Anabel Ford, and Sherman Horn La Influencia Cultural sobre la Naturaleza El Pilar. Simposio Arqueologica Guatemalteco. Guatemala. 2019

Anabel Ford, Paulino Morales, and Sherman Horn The Influence of Culture on the Nature of the Nature of the Maya Forest at El Pilar, Belize Archaeological Symposium. 2019

Anabel Ford, and Sherman Horn . Identificación de Antiguos Rasgos Culturales con Alta Tecnología LIDAR en El Pilar: Mayista, Chetumal. 2019

GURVEN, MICHAEL

Gurven, M. Limits of plasticity: evolutionary perspectives on mismatch, aging and chronic disease. Harvard University. Department of Human Evolutionary Biology. March 4, 2019.

HARTHORN, BARBARA

Barbara Herr Harthorn presented “Building a Synthetic Neuron Aim 3: Broaden public benefits and inclusive Responsible Research and Innovation” at the workshop, NSF Collaborative Grant, Kick-off meeting, University of Michigan, Ann Arbor, Sept 9-10.

Barbara Herr Harthorn gave an invited plenary address, “Understanding Tolerance for Risk in Synthetic Biology (and Other Emerging Technologies),” to the US NSTC (White House Office of S&T Policy) Interagency Working Group on Synthetic Biology, Bethesda, MD, Oct 16-17, 2019. Sole social scientist presenting.

Terre Satterfield, Barbara Herr Harthorn, Kieran Findlater & Laura Devries presented “Narrating environmental problems in an authoritarian world: Shifting baselines of explanation in gendered and racialized tales of climate and environmental risk” at the annual meeting of the American Anthropological Association, Vancouver, BC, Nov 2019.

Barbara Herr Harthorn presented “Building a ProteoCell, Aim 4: Contributing to Responsible Research and Innovation of Bottom-Up Syn Bio, Syn Cells, and the ProteoCell” as an Invited workshop on NSF Collaborative Grant, Kick-off meeting, Lawrence Berkeley National Lab, Feb 25-26 2020.

HEGARTY, MARY

Gross, Madeleine Gross and Daniel Martini, “The Cognitive Affordance of Lettrisme: The Importance of Schizotypal Personality Type”, Cognitive Futures in the Arts and the Humanities, University of Mainz, June 22, 2019.

Mackey, I. “Digital Doubles: Borges and Chatbots with Anthropomorphic Memory.” Paper presented at 33rd Annual Meeting of the Society for Literature, Science, and the Arts, Irvine, California, November 2019

Burke, W. , & Tague, N. (2019, December). Multiscale Routing–Integrating the Tree-scale Effects of Disturbance into a Watershed Ecohydrologic Model. In American Geophysical Union (AGU) Fall Meeting San Francisco, 2019. AGU.

Torres, R., Tague, N., Miller, D., Alonzo, M. & McFadden, J.P. (2019, December). Estimating urban tree recovery after drought using an eco-hydrologic model

parameterized by remote sensing data, American Geophysical Union (AGU) Fall Meeting San Francisco, 2019. AGU

Pettersson Pecker Aili, "Under Construction: A Cognitive Approach to False Memories and Conditional Identities in William Faulkner's Light in August," Modern Language Association Annual Convention, Seattle, WA, in January 2020

Hegarty, M., Kunzman, J. Genetti, C., Gaines, S. & Kendall, B. (2020, January). Interdisciplinary graduate education: Facilitating research and teaching across disciplines. NSF IGE Program PI Meeting. Washington, DC.

KATSIKA, ARGYRO

Argyro Katsika and Karen Tsai presented "The scope of prominence-induced lengthening in Greek" at the 19th International Congress of Phonetic Sciences (ICPhS) 2019, Melbourne, Australia, 5-9 August 2019.

Argyro Katsika and Karen Tsai presented "The articulatory effects of Greek prominence and their scope" at the 14th International Conference on Greek Linguistics, Patras, Greece, 5-8 September 2019.

Jiyoung Jang and Argyro Katsika presented "Articulatory characteristics of focus in Korean" at the 178th Meeting of the Acoustical Society of America, San Diego, CA, San Diego, CA, 2-6 December 2019.

Karen Tsai and Argyro Katsika presented "The interaction between prominence and pre-boundary lengthening in Japanese" at the 178th Meeting of the Acoustical Society of America, San Diego, CA, San Diego, CA, 2-6 December 2019.

Argyro Katsika, Jiyoung Jang, Jelena Krivokapić, Louis Goldstein and Elliot Saltzman presented "The role of focus in accentual lengthening in American English: Kinematic analyses" at Speech Prosody 2020, Tokyo, Japan, 25 May (remotely).

Caroline Crouch, Argyro Katsika and Ioana Chitoran presented "The role of sonority profile and order of place of articulation on gestural overlap in Georgian" at Speech Prosody 2020, Tokyo, Japan, 25 May (remotely).

Jiyoung Jang and Argyro Katsika presented "The amount and scope of phrase-final lengthening in Korean" at Speech Prosody 2020, Tokyo, Japan, 25 May (remotely).

Karen Tsai and Argyro Katsika presented "Pitch accent and phrase boundaries: Kinematic evidence from Japanese" at Speech Prosody 2020, Tokyo, Japan, 25 May (remotely).

LAWSON, DAVID

David Lawson presented "The Behavioral Ecology of Child Marriage" at the Anthropology Colloquium for Penn State University in Sept 2019.

David Lawson presented "The Behavioral Ecology of Child Marriage" at the Evolution of Social Complexity Colloquium at Arizona State University in October 2019.

Other presentations were planned but cancelled due to COVID.

LIEBERMAN, DEBRA

Following are five faculty affiliates' presentations in 2019-2020 related to the study of digital media and games.

Associate Professor Alenda Chang, Film and Media Studies

"Why Media Studies Has Always Been Game Studies" for the Uncanny Histories conference, Carsey-Wolf Center, UCSB, 2019: "offering a provocatively revisionist history of media studies, one in which games and play are a vital and uncanny component of media theory's rise to prominence"

"Some Say the World Will End in Fire, Some Say in Ice," Association for the Study of Literature and Environment, Davis, CA, 2019: reflects on Robert Frost's poem and elemental endings in games, in the wake of the Paradise, CA fire

"Throwing Shade: Environmental Civil Disobedience and the Changing Preconditions for Play," Society for Literature, Science, and the Arts, Irvine, CA, 2019: thinks about climate change's impacts on major sporting events, particularly winter sports, and disproportionate impacts on peoples of the polar regions

Professor Norah Dunbar, Communication

Invited Speaker, "New methods for training in deception detection: Advantages of Game-Based Learning". Behavioural Analysis 2019, Minneapolis MN, May, 2019. Presentation for practitioners in law enforcement and researchers at an International conference.

Dunbar, N. E. (2020, June). Persuasive Deception and Dyadic Power Theory. SCAN Webinar series:
https://home.cs.dartmouth.edu/~mbolonkin/scan/webinars/webinar_info.html. Presentation to Department of Defense from our MURI grant that is based on the Resistance game.

ISBER Professional Researcher and retired Continuing Lecturer in Communication
Debra Lieberman

Lieberman, D.A. (2019). Digital Games for Good: Research-based Design Strategies. Presentation at Game On event at the Museum of Exploration + Innovation (MOXI), Santa Barbara, CA.

Lieberman, D.A. (2019). Designing Video Games to Motivate Health Behavior Change. Presentation at the annual conference of AWMAT (Alliance of Women in Media Arts and Technology), Santa Barbara, CA.

Professor Rich Mayer, Psychology

Wells, A., Mayer, R. E., MacNamara, A., Plass, B., & Homer, B. (2019, November). Training updating with a focused video game. Poster presented at the Annual Meeting of the Psychonomic Society, Montreal, Canada.

LUDKOVSKI, MICHAEL

Michael Ludkovski presented "A Machine Learning Approach to Adaptive Robust Utility Maximization and Hedging", at the ICIAM Congress 2019, Valencia, Spain, July 2019

Michael Ludkovski presented at the Center for Mathematics Oaxaca Workshop on "Stochastic Optimization for Energy Transition", Oaxaca, Mexico, Sept 2019;

Xiong Lyu presented "Adaptive Batching for Gaussian Process Surrogates with Application in Noisy Level Set Estimation," at the 2019 Women in Statistics and Data Science Conference, Bellevue, WA, Oct 2019

Michael Ludkovski presented at the Advances in Financial Mathematics Conference, Paris, France, Jan 2020;

Michael Ludkovski presented "A Machine Learning Approach to Adaptive Robust Utility Maximization and Hedging" at the Advances in Financial Mathematics workshop, plenary speaker on Paris, France, Jan 2020

Michael Ludkovski presented at the Panel on "Commodity Markets" organized by the SIAM Financial Mathematics & Engineering activity group (virtual seminar series, video available on youtube), May 2020

MAHDAVI, PAASHA

JF Green, J Hadden, T Hale and P Mahdavi presented “Exploring variation in firm decarbonization in the oil and gas sector” at the Comparative Politics of Climate Change Policy Workshop at Stanford University in February 2020

P Mahdavi presented "Transition, Hedge, or Resist? Understanding Political and Economic Behavior toward Decarbonization in the Oil and Gas Industry" at the UCSB Environmental Politics Workshop in May 2020 (virtual)

P Mahdavi presented “Exploring variation in firm decarbonization in the oil and gas sector” at the Virtual Conference on Charting the Future Political Economy for Oil hosted by the ANU Crawford School of Public Policy (virtual) in June 2020

MCCOOL, WESTON

We conducted outreach lectures to K-12 schools in the study region in rural Peru. We are also preparing a Spanish-language pamphlet to distribute to the schools in the study region about the archaeology of the area.

MILDENBERGER, MATTO

Mildenberger, Matto, Stokes, Leah, Breetz, Hannah, "The Politics of Deep Decarbonization: Comparative Case Studies of Electricity Sector Transformation," Climate Politics Workshop at Stanford University Center for Advanced Study in the Behavioral Sciences, February 15 2020

NABI, ROBIN

Robin Nabi presented "Coping with COVID- Harnessing the media to reduce stress and enhance well-being" in a Dean's Salon Talk, UCSB Social Sciences, June 25, 2020

NOWAK, JOANNE

Joanne Nowak and Melissa Bator, "UCSB Sustainable Tech Repair Initiative" during the volunteer Lightning Talks at the UC Tech Conference, Santa Barbara, CA, July 15-17, 2019.

PARK, LISA

“Medical Deportations: Hidden in Plain Sight.” Invited Speaker, Visiting Fellow Speaker Series, Russell Sage Foundation, NYC, January 2020.

PETERSEN, ALEX

Alexander Petersen presented "Partial separability and graphical models for multivariate functional data" at the Brigham Young University Department of Statistics Seminar in Provo, UT, October 24, 2019

Alexander Petersen presented "Partial separability and graphical models for multivariate functional data" at the Penn State Department of Statistics Seminar in College Station, PA, November 7, 2019

Alexander Petersen presented "Partial separability and graphical models for multivariate functional data" at the 12th International Conference of the European Consortium for Informatics and Mathematics Working Group on Computational and Methodological Statistics in London, United Kingdom, December 15, 2019

Alexander Petersen presented "Wasserstein F-Tests and Confidence Bands for the Fréchet Regression of Density Response Curves" at the Arizona State University School of Mathematical and Statistical Sciences Colloquium in Tempe, AZ, January 22, 2020

PINES, RACHYL

Rachyl Pines, Maria Benedetti, Nicola Sheeran, Liz Jones, Aron Pamoso, Blair Jin, and Bernadette Watson presented "Understanding the role of culture in decision-making preference patients have with their provider" at the 70th Annual International Communication Association Conference. Gold Coast, Australia. (Virtual) May 21-25, 2020

RAYMOND, GEOFFREY

Geoffrey Raymond, Kevin Whitehead, Nikki Jones. 2020. Sequential stand-offs in police encounters with the public. University of Copenhagen, January, 2020.

ROBERTS, SARAH

Roberts, S. A., Lucas, K.*, & Pajela, H.* (2019, November). Development of professional vision in mathematics transfer students at a four-year research university. Paper presented at the 41st Annual Meeting of PME-NA – The North American Chapter of the International Group for the Psychology of Mathematics Education, St. Louis, MO.

Roberts, S. A., Lucas, K., & Pajela, H. (2020, Apr 17 - 21) How Mathematics Courses and a Department Supported Transfer Students' Development of Professional Vision [Paper Session]. AERA Annual Meeting San Francisco, CA
<http://tinyurl.com/vfv8pog> (Conference Canceled due to COVID-19)

STOKES, LEAH

Stokes presented "Electric Utilities Knew: Tracing American Utilities; Climate Denial Campaigns" at Columbia Center on Global Energy Policy, virtual, 11/12/20.

Stokes presented, "Electric Utilities Knew: Tracing American Utilities; Climate Denial Campaigns for the Sloan Foundation, virtually October 2020.

Stokes presented "Electric Utilities Knew: Tracing American Utilities; Climate Denial Campaigns" at the Unitarian Society in Santa Barbara, CA, 2/5/20.

Stokes presented "Combining climate, economic, and social policy builds public support for climate action in the US" at the Unitarian Society in Santa Barbara, CA, 2/5/20.

TETTEGAH, SHARON

Sharon Tettegah & Terrance Wooten presented, Moving Beyond the Institution: Analyzing Barriers to the Retention, Attrition, and Persistence of Underrepresented Minority Faculty at UCSB in Davis, CA November 21, 2019

WALKER, BARBARA

Barbara Walker presented "Effective Interdisciplinary Teams and Funding Barbara Walker presented "CREDITS Team Science Workshop for Convergence Research" for the NASA Autonomy Research Center for STEAHM, November 19, 2019, Northridge, CA.

Interdisciplinary Research," Workshop with National Center for Atmospheric Research Early Career Faculty and Graduate Student Awardees, July 13, 2020, Virtual.

WEBER, RENE

Weber, R., & Smith, S. L. (2019, November). The ticket to inclusion. An economic analysis of popular film (with special focus on the representation of gender and ethnicity of story characters). Invited Talk, Walt Disney Studios, Corporate Office Headquarters, Burbank, CA.

Weber, R. (2020, February). Moral emotions and moral conflict motivate action. Invited Talk, The Frank 2020 Conference, Center for Public Interest Communications, University of Florida, Gainesville, FL.

WEINBERGER, CATHERINE

Catherine Weinberger presented "Dictator Game Generosity and Labor Market Outcomes: First Results of A 10-Year Longitudinal Study" in the UCSB Applied Microeconomics Lunch, March 3, 2020

ZHAO, XIAOJIAN

Zhao, "Asian American women and body work," Department of History, Fudan University, Shanghai, Nov. 2019.

Zhao, "The sent-down youth movement in Mao's China," Dept. of Asian American Studies, UCSB, Feb. 2020.

Public Service and Other Activities

July 1, 2019 – June 30, 2020

ADLER-KASSNER, LINDA **KIM, LINA**

The SRA program is a pre-college program. All funds in this award were used to support the participation of 20 JKCF Young Scholars.

AFIFI, WALID

Became the regional site for the California Global Education Project to provide professional development opportunities for K-12 educators in Santa Barbara, Ventura, San Luis Obispo and Kern counties. Received a \$40,000 grant from the California Global Education Project to support K-12 outreach programming. Provided K-12 outreach to Isla Vista Elementary School around a ceramic art style from Jerusalem.

Started the Cultural Ambassador Program to support undergraduate and graduate students' telling of their cultural-based stories and sharing of these with our K-12 community.

Organized a "Global Events in Context" talk and Q&A to allow our surrounding community to hear from activists on the ground about the current situation in Lebanon and Iraq. This event was held at the Goleta Valley Community Center on a Sunday to increase attendance by local community members. Our speakers joined us via Skype.

With the Multicultural Center and Orfalea Center, hosted a talk and roundtable discussion around militarized conflict/occupation in Syria, Palestine, Kashmir and Latin America open to the public. This event included a catered dinner.

ALAGONA, PETER

We convened a group of scientists, NGOs, and managers to discuss human-carnivore conflicts in Santa Barbara, including guest speakers. Dr. McInturff has participated in several stakeholder workshops with rural stakeholders

BARANDIARAN, JAVIERA

Invited co-author on NRDC White paper, forthcoming, Title TBD.

BUNTAINE, MARK

We have conducted extensive consultations based on our research with the Uganda Wildlife Authority, Transparency International, and via the GI-ACE website and platform.

CAMPBELL, ERIC

Managing Mixtec language and literacy classes at the Mixteco/Indígena Community Organizing Project (MICOP), Oxnard, CA; supervising community member researchers and program coordinators, coordinating work between UCSB graduate and undergraduate students and community members.

Report written for the Federal Immigration and Asylum court in San Antonio, TX, explaining the linguistic diversity of Mixtec languages and the importance of that for providing appropriate interpretation in legal settings.

Latinx & Indigenous Migrant COVID-19 Response Task Force, a collaboration between the Santa Barbara County Public Health Department (SBCPHD) and Community-based Organizations (CBO's) who work with Latinx and indigenous migrant communities in Santa Barbara County during the COVID-19 pandemic; biweekly meetings.

ESPINOZA-KULICK, MARIO

Espinoza-Kulick, Mario and Health Policy Research Scholars. 2019. "A Conversation with Mario Espinoza-Kulick – Health Policy Research Scholars." You-Tube Web site. Retrieved August 15, 2019 (Available Online: <https://www.youtube.com/watch?v=R7uFSNI ffM>)

Faculty Advisor and Co-Presenter for "La Gente Unida: A Resource Guide for Latina/o/x Immigrant Health in San Luis Obispo" (Lead Presenter: Elisa González), College of Liberal Arts Teach ON!, California Polytechnic State University, San Luis Obispo. 5/28/2020.

Faculty Advisor and Panelist for "La Gente Unida: A Resource Guide for Latina/o/x Immigrant Health in San Luis Obispo" (Student Assistant: Elisa González), BEACoN Research Symposium, California Polytechnic State University, San Luis Obispo. 6/10/2020.

Mart, Greta, Mario Espinoza-Kulick (Featured Researcher), Ian Delinger, Brian Reynolds, Scott Rodd/CAP Radio, Erika Mahoney/Kazu, and Consuelo Meux. 2020. "Issues & Ideas: NAACP, Latinx Healthcare, and Miss Odette." KCBX News: Central Coast Public Radio. (Available Online: <https://www.kcbx.org/post/issues-ideas-naACP-latinx-healthcare-and-miss-odette#stream/0>)

Espinoza-Kulick, Mario (Featured Community Leader). “Protect. Respect. Wear Your Mask Campaign.” (Protéjase. Respete. Use Su Mascarilla.)” Posted on County of Santa Barbara Facebook (Available Online: <https://www.facebook.com/506577952764072/posts/3143818885706619/>), Instagram (Available Online: <https://www.instagram.com/p/CC9ewAmlTen/?igshid=wa9x12qf487o>), and Twitter (Available Online: <https://twitter.com/countyofsb/status/1286060018232688646?s=21>). Featured on regional and city transit bus advertisements.

Invited Community Leader “Latinx Community Learning Session,” City of San Luis Obispo Diversity, Equity, and Inclusion Taskforce. 10/5/2020.

Place, Laura, and Mario Espinoza-Kulick (Featured Researcher). 2020. “Cal Poly Center for Health Research Launches People’s Health Movement in Santa Maria.” Santa Maria Times. (Available Online: https://santamariatimes.com/news/local/cal-poly-center-for-health-research-launches-peoples-health-movement-in-santa-maria/article_c785f671-9dfd-507c-a3c8-5080fbbd108e.html)

Place, Laura, and Mario Espinoza-Kulick (Featured Researcher). 2020. “Cal Poly Center for Health Research Launches People’s Health Movement in Santa Maria.” Santa Ynez Valley News. (Available Online: https://syvnews.com/news/local/cal-poly-center-for-health-research-launches-peoples-health-movement-in-santa-maria/article_c63ec903-5f76-5e79-b87d-e912ad18a01c.html)

Place, Laura, and Mario Espinoza-Kulick (Featured Researcher). 2020. “Cal Poly Center for Health Research Launches People’s Health Movement in Santa Maria.” Lompoc Record. (Available Online: https://lompocrecord.com/news/local/cal-poly-center-for-health-research-launches-peoples-health-movement-in-santa-maria/article_c51e542e-f556-5aec-9a60-106f5fa91dfb.html)

FORD, ANABEL

Lectures and presentations at international and national universities, School programs in Santa Barbara and the Maya Forest, and conference symposia.

GURVEN, MICHAEL

COVID-19 surveillance for 50+ Tsimane villages

HARTHORN, BARBARA

Provide expert input to US federal government (e.g, in this reporting period, OSTP Interagency Working Group on Synthetic Biology)

LIEBERMAN, DEBRA

Following are three faculty affiliates' public service activities in 2019-2020 related to the study of digital media and games.

Associate Professor Alenda Chang, Film and Media Studies

Founding co-editor, Media+Environment (University of California Press open-access journal), <https://mediaenviron.org/>

Joined advisory/editorial boards for Video Games and the Humanities book series (De Gruyter Oldenbourg), Journal of Gaming and Virtual Worlds

Served as a judge for the #ZoomJam game jam in April 2020 (<https://zoomjam.org/>), presented by USC Games and Situation Lab in partnership with The Higher Education Video Game Alliance

Served as mentor for Games for Our Future (GFOF) Climate Game Jam ("Community, Nature, and Resilience in the face of Global Crises"), developed in partnership with the premier independent games festival organization IndieCade: <https://www.indiecade.com/climate-jam/mentors/>

ISBER Professional Researcher and retired Continuing Lecturer in Communication
Debra Lieberman

Lieberman, D.A. (2011-present). Associate Editor for Games for Health Journal: Research, Development, and Clinical Applications.

Lieberman, D.A. (2003-present). Editorial Board member for the journal, Games & Culture: A Journal of Interactive Media.

Lieberman, D.A. (2002-present). Editorial board member for the journal, Computers in Entertainment.

Lieberman, D.A. (2018-2019). Research advisor to NOVA Polar Extremes, a climate education project led by the Bren School at UCSB in collaboration with Boston Public Television Station WGBH and the TV series NOVA.

Lieberman, D.A. (2016-2019). Advisor to Mattanjah de Vries, Professor, Dept. of Chemistry & Biochemistry, UCSB, on the research and design of games that improve college students' awareness of climate change processes and the Tragedy of the Commons.

Professor Rene Weber, Communication

The Moral Narrative Analyzer (MoNA) (2020), <https://mnl.ucsb.edu/mona/>, <https://mona.medianeuroscience.org>, UC Santa Barbara Media Neuroscience Lab

The GDELT interface for Communication Research (iCoRe) (2019), <https://github.com/medianeuroscience/icore>), <http://icore.medianeuroscience.org>, UC Santa Barbara Media Neuroscience Lab.

Weber, R., Mrohs, B., & Räck, C. (2003). Opinion Now! Das Realtime Befragungssystem für die Befragung in natürlichen Rezeptionssituationen via mobiler Technologie. [Opinion Now! Realtime survey software for use with new media technology including mobile media], No. #30233918. Berlin: German Patents and Brands Administration.

LUDKOVSKI, MICHAEL

Creation of a publicly available software library posted at www.github.com/mludkov/mlOSP

MCCOOL, WESTON

We conducted outreach lectures to K-12 schools in the study region in rural Peru. We are also preparing a Spanish-language pamphlet to distribute to the schools in the study region about the archaeology of the area.

MILDENBERGER, MATTO

This grant also helped support my ongoing efforts to develop and disseminate online data visualizations of US climate opinion: <https://climatecommunication.yale.edu/visualizations-data/ycom-us/> I've always ensured that UCSB's logo is included on these tools.

Results written up for Washington Post and as a policy brief for Washington Center for Equitable Growth. The WCEG brief also includes material that was collected as part of the broader project supported by ISBER'S C-RIG grant to Stokes and myself (CRRMM).

Bergquist, P., Mildenberger, M. and Stokes, L. 2020. "Americans want green

spending in federal coronavirus recession relief packages." 7 July 2020. Washington Center for Equitable Growth. <https://equitablegrowth.org/americans-want-green-spending-in-federal-coronavirus-recession-relief-packages/>

Bergquist, P., Mildenberger, M. and Stokes, L. 2020. "Protesters want justice — including on social, economic and climate demands." Washington Post: Monkey Cage. 12 June 2020. <https://www.washingtonpost.com/politics/2020/06/12/protesters-want-justice-including-social-economic-climate-demands/>

MIRELES-RIO, REBECA

Meeting and working with K-12 administrators and teachers regarding collaborations and getting UCSB undergraduate volunteers and research assistants in the high school ethnic studies classroom.

NOWAK, JOANNE BATOR, MELISSA

The STRI student team created several tech quick fix videos and posted them to our social media platforms to increase digital literacy of the UCSB student community, and the wider community more broadly.

O'CONNOR, ALICE

Our Center is engaged in several community partnerships. First, our internship program associated with the Minor in Poverty, Inequality, and Social Justice grew to roughly 20 local organizational partners in its first year (although not all hosted interns during this time). The work of these primarily non-profit organizations ranges from criminal justice reform, public health, indigenous rights, food justice, humanitarian relief, environmental sustainability, homelessness/houselessness, to movement building. In Winter and Spring 2020 we had several students supporting the work of these local organizations addressing poverty and inequality in our community. We have received positive feedback from these partners on how our engaged minors fill an important need for these organizations that often have limited capacity to recruit consistent and committed interns and volunteers. As one of our partners expressed when asked to describe their thoughts on our internship program: "I know this minor is still new and evolving, but the model is great and really helps uplift community based organizations."

Second, we have collaborated with community partners on several occasions to showcase their programs and work to the campus body. As mentioned, last Fall we co-sponsored a standing room only campus/community event, "Building a Green New Deal: Community, Coalition, and Organizing for Environmental Justice," with

other campus partners. The panel featured four local organizations using the Green New Deal as an organizing tool for change.

In addition, our Regional Equity Study and accompanying report will highlight the roots and consequences of structural inequalities in key areas of urgent policy concern, as well as outline priorities for ongoing research and action. Local organizations working on these issues will be able to draw on the data in this report, as well as from the ongoing regional equity data that will be regularly updated and housed on campus, to inform their work and planning.

SMITH, MELISSA

2018-Present: Member, Board of Directors, University of California Global Health Institute, San Francisco, CA.

March-September, 2020: Interim coordinator of Latinx and Indigenous Migrant COVID-19 Response Task Force.

January 2020-present: Board Member, Advancing Latinx Mental Health with Alta-Med (ALMA) Summer Internship Program, Department of Chicana and Chicano Studies, UCSB.

2013-Present: Member, Board of Directors, Hesperian Health Guides, Berkeley, CA.

STOLL, HEATHER

Dr. Heather Stolle served and is currently serving on a local school board.

WALTER, JOSEPH

See 12-week, public Webinar, Issues, Approaches, and Consequences of the Covid-19 Crisis (see <https://cits.ucsb.edu/spring2020>); see also <https://www.news.ucsb.edu/2020/020086/fake-news-american-presidency>

WEINBERGER, CATHERINE

In late 2019 and continuing into 2020, I computed statistics to support a Portland, Oregon ballot initiative for free universal preschool. This statistical analysis led to some interesting research questions. And 2/3 of the voters approved the initiative: <https://www.nytimes.com/2020/11/06/upshot/oregon-universal-preschool-election.html>

During fall 2019, I continued to offer technical support to help coordinate the "South

Coast Reading Orchestra," a collaborative monthly gathering of musicians from UCSB, SBCC, Westmont College, and the broader Santa Barbara community. During 2020, these gatherings were suspended.

Engaged in volunteer work to support residents of UCSB faculty housing through the pandemic months.

ZHAO, XIAOJIAN

Served as the guest-curator for "Gold Mountain: Chinese California Stories," which is a permanent exhibit at the California Museum in Sacramento, California. Completed in Feb. 2020.



2019-2020

Center Reports and Other Programs

Institute for Social Behavioral &
Economic Research

www.isber.ucsb.edu

Center Reports July 1, 2018 – June 30, 2019

BROOM CENTER FOR DEMOGRAPHY

Director: Maria Charles

Co-Director: Shelly Lundberg

Mission Statement/Goals:

The Leonard and Gretchan Broom Center for Demography facilitates and engages in research and training in social demography and population studies, with particular emphasis on social and economic inequalities and health disparities. Key issues explored by Center Associates include inequalities across social groups defined by gender, sexuality, race/ethnicity, and immigration status; population-environment interactions; the determinants of population health; migration flows; spatial demography; and the allocation of resources within and among families, workplaces, schools, and other social institutions.

Highlights/Achievements:

The Broom Center hosted seven international visitors from six different countries, and continued to offer a rich program of interdisciplinary Seminar talks, workshops, and social events during the 2019-20 academic year. Research by Broom Center Research and Graduate Associates received significant media attention in 2019-20. Of particular note this year again is extensive national and international press coverage of research by Biodemography Area Director Michael Gurven and his team, including on heart disease in Bolivia, managing COVID in indigenous populations, and effects of mothers' social status and children's health. This work was featured by such high-profile media outlets as *New York Times*, *Wall Street Journal*, *Scientific American*, and *El Pais*. For her distinguished research on racism, blackness, and social justice, Vilna Bashi Treitler also received much press coverage, including in the *New York Times*. Broom's gender research reached beyond the academy as well – for example in a blog post and extended interview by Maria Charles on gender stereotypes and gender segregation for the Harvard GenderSci Lab, and in Shelly Lundberg's contribution to the National Science Foundation Women's History Month page. Alan Murray's work on the variability of Santa Barbara gasoline prices received much local coverage.

Center Events:

Prior to the campus' COVID-related shutdown, the Broom Center continued its tradition of lively and well-attended seminars every other Monday afternoon, followed by a reception. The Seminar Series, held in North Hall 1:00-2:15pm, features research talks by distinguished speakers from UCSB and around the state, country, and world. This year's Fall and Winter lineup included Kelsey Jack (UC Santa Barbara, Bren School of Environmental Science), Brenna Henn (UC Davis, Anthropology), Joyce Wamoyi (Tanzanian National Institute for Medical Research, Epidemiology), Trevon Logan (UC Santa Barbara, Economics), Liz Ackert (UC Santa Barbara, Geography), Heather Randell

(Penn State University, Rural Sociology & Demography), Jenna Nobles (University of Wisconsin, Sociology), Christopher Blattman (University of Chicago, Political Science/Economics), Elizabeth Wrigley-Field (University of Minnesota, Sociology), and Fernando Riosmena (University of Colorado, Sociology).

Oct 7:

Kelsey Jack (UC Santa Barbara, Bren School of Environmental Science)
“Seasonal Hunger, Rural Labor Markets and Agricultural Production.”

Oct 14:

Brenna Henn (UC Davis, Anthropology)
“Demographic changes during subsistence transitions in Eastern and Southern Africa as inferred from Human Genomic Data.”
Host: Mike Gurven

Nov 4:

Joyce Wamoyi (Tanzanian National Institute for Medical Research, Epidemiology)
“Adolescents and young women’s vulnerability to HIV: Understanding the role of Transactional Sex.” Host: David Lawson

Nov 18:

Trevon Logan (UC Santa Barbara, Economics)
“Physician Bias and Racial Disparities in Health: Evidence from Veterans’ Pensions.”

Dec 2:

Liz Ackert (UC Santa Barbara, Geography)
“Health among Latino/a Children across Immigrant Destinations.”

Jan 13:

Heather Randell (Penn State University, Rural Sociology & Demography) “Stunted from the start: Early life climate and child undernutrition in Ethiopia.”
Host: Frank Davenport

Jan 27:

Jenna Nobles (University of Wisconsin, Sociology)
“Demography Before Birth: Implications for the Social and Health Sciences.”
Host: Susie Cassels

Feb 3:

Christopher Blattman (University of Chicago, Political Science/Economics) “Gangs of Medellín: How Organized Crime is Organized.”
Host: Heather Royer

Feb 10:

Elizabeth Wrigley-Field (University of Minnesota, Sociology)

“The Epidemiological Transition for U.S. Whites vs. U.S. Blacks, and Why it Still Matters.”
Host: Stuart Sweeney

Feb 24:

Fernando Riosmena (University of Colorado, Sociology)

“Shifts in the Context of Reception and Immigrant Mental and Physical Health Throughout the 21st Century.”

Host: Edward Telles

UCSB Faculty Participants:

The Broom Center currently consists of 34 faculty and postdoctoral *Research Associates* and 48 *Graduate Associates* spanning seven disciplines (Anthropology; Evolution & Marine Biology; Economics; Geography; Marine Science; Psychology; and Sociology).

During the last academic year, we were fortunate to welcome Elizabeth Ackert (Assistant Professor in Geography) and Yader Lanuza (Assistant Professor in Sociology) as new UCSB faculty members and Broom Center Research Associates.

Non-UCSB Participants

Marian Vidal-Fernandez (Lyon University, France)

Jordi Vidal-Robert (Lyon University, France)

Gaura Khanna (UC San Diego)

Deborah Cobb-Clark (University of Sydney)

Jonathan James (University of Bath)

Alastair Ball (Birkbeck University, London)

Barbara Wolfe (University of Wisconsin)

CENTER FOR CALIFORNIA LANGUAGES AND CULTURES (CCALC)

Director: Mary Bucholtz

Associate 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:

Offered the SKILLS program to over 200 students in Santa Barbara and Oxnard; provided approximately 75 students with free college credit for successful completion of SKILLS thanks to partnerships with SBCC and Cal Lutheran University; presented two team research papers with MILPA (see Presentations below); collected preliminary data through research collaboration with the Talking College NSF REU project (Charity Hudley, PI)

UCSB Faculty Participants:

Eric Campbell, Linguistics
Anne Charity Hudley, Linguistics
Jin Sook Lee, Education

CENTER FOR DIGITAL GAMES RESEARCH

Director: Debra Lieberman

Mission Statement/Goals:

UCSB's Center for Digital Games Research works to advance the theory, research, and evidence-based design of effective, impactful digital media, games, and game technologies that benefit individuals and society. We accomplish this through research, teaching, mentoring, advocacy, and outreach, and by fostering faculty collaboration, providing scientific leadership, and informing the university community and the public about discoveries in our field.

Highlights and Achievements:

Several of the center's faculty affiliates reported achievements in the games research field in 2019-2020.

Alenda Chang, Associate Professor of Film and Media Studies, received one of UCSB's most prestigious faculty honors, the Plous Award, which is given annually to an assistant professor from the humanities, social sciences or natural sciences who has demonstrated exceptional achievement in research, teaching, and service. She also founded and co-edits the journal, *Media+Environment* (University of California Press), and she joined the editorial boards of a book series called *Video Games and the Humanities* and of the *Journal of Gaming and Virtual Worlds*.

Norah Dunbar, Professor of Communication, has garnered more than \$1.7 million in grants and subcontracts during the past three years and is currently working on them in areas including *The Future of Work at the Human-Technology Frontier* (National Science Foundation), development of role-playing games that help U.S. military leaders in foreign countries determine whether they are dealing with a friend or foe (Department of Defense), and a video game to improve players' ability to assess the credibility of another person (National Science Foundation). Her publications include an article in the *International Journal of Game-Based Learning* called *Training Law Enforcement Officers to Identify Reliable Deception Cues with a Serious Digital Game*, and a chapter titled *Mitigating Bias and Improving Professional Decision-making through Persuasive Training Games*, in the book *Persuasive Gaming in Context*.

Debra Lieberman, center director, gave a presentation, called *Digital Games for Good: Research-based Design Strategies*, at an event at the Museum of Exploration + Innovation (MOXI) in Santa Barbara. Other faculty affiliates of the center, including Alenda Chang, Mattanjah de Vries, Norah Dunbar, and Christian Thomas, gave demonstrations of serious games and virtual reality to attendees of the event. Debra also served as a research advisor to NOVA Polar Extremes, a climate education project led by the Bren School at UCSB in collaboration with Boston Public Television Station WGBH and with funding from the TV series NOVA.

Richard Mayer, Professor of Psychology, published articles including *Limits on Training Inhibitory Control with a Focused Video Game*, in the *Journal of Cognitive*

Enhancement; Replicated Evidence Towards a Cognitive Theory of Game-based Training, in the Journal of Educational Psychology; and Learning a Second Language by Playing a Game, in the journal Applied Cognitive Psychology. At the Annual Convention of the Association for Psychological Science, he presented a poster called Role of Variety in Cognitive Involvement after Video Game Training.

Ronald Rice, Professor of Communication, is a research collaborator on a project awarded \$723,000 called PARIS - Paradoxes and Tensions in Employees' Information Sharing through Social Media. He also co-edited The Oxford Handbook of Digital Technology and Society (2020) and contributed a chapter to the handbook called Motivations for Online Knowledge Sharing.

Rene Weber, Professor of Communication, served as Co-PI on awards that totaled \$375,000. They are The Ticket to Inclusion: An Economic Analysis of Popular Film (Sundance Film Institute and the Women in Film Society); Moral Foundation of Movies: Examining the Virtuous Content and Financial Performance of Popular Films (Templeton Foundation); and Predicting Real-World Conflicts with UCSB's Moral Narrative Analyzer Platform (United States Army Research Laboratory). He co-edited the Handbook of Communication Science and Biology and published numerous articles such as Video game violence and interactivity: Effect or equivalence? In the Journal of Communication, and Selective reward responses to violent success events during video games, in the journal Brain Structure and Function.

UCSB Faculty Affiliates:

Elizabeth Belding, Professor, Computer Science
Jim Blascovich, Professor, Psychological and Brain Sciences
Alenda Chang, Assistant Professor, Film & Media Studies
Keith Clarke, Professor, Geography
Mattanjah de Vries, Professor, Chemistry & Biochemistry
Norah Dunbar, Professor, Communication
Michael Gerber, Professor, Education
Michael Hanrahan, Lecturer, Carsey-Wolf Center
Mary Hegarty, Professor, Psychological and Brain Sciences
Tobias Hollerer, Professor, Computer Science
Krzysztof Janowicz, Assistant Professor, Geography
Kenneth Kozik, Professor, Neuroscience Research
Chandra Krintz, Professor, Computer Science
George Legrady, Professor, Art Studio and Media Arts and Technology Program
Lisa Leombruni, Lecturer, Environmental Science & Management
Richard Mayer, Professor, Psychological and Brain Sciences
Miriam Metzger, Professor, Communication
Sharleen O'Brien, PsyD, Associate Dean & Director of Health & Wellness, UCSB Student Health
Ronald Rice, Professor, Communication
Jonathan Schooler, Professor, Psychological and Brain Sciences

Misha Sra, Assistant Professor, Computer Science
Leah Stokes, Assistant Professor, Political Science
Christian Thomas, Lecturer, Writing Program
Richert Wang, Lecturer, Computer Science
Rene Weber, Professor, Communication

UCSB Advisor:

Trip Hawkins, Professor of Practice, Technology Management Program

Non-UCSB Advisors:

Steve Cole, PhD – Professor of Medicine, UCLA; former Vice President of Research & Development, HopeLab

Trip Hawkins – Executive coach and founder of Electronic Arts, 3DO, and Digital Chocolate; founding VP of Marketing at Apple Computer during its first four years

Neil Izenberg, MD -- Founder and Chief Executive, Nemours Center for Children’s Health Media, Nemours Children’s Health System; Professor of Pediatrics, Sidney Kimmel College of Medicine, Thomas Jefferson University

Alan Miller -- Co-founder, Activision, Accolade, and Click Health; CEO, Player Propensities

Rita Moya -- Board Chair, Direct Relief

Deborah Ann Mulligan, MD FAAP FACEP -- Professor of Pediatrics, Nova Southeastern University; Director, Institute for Child Health Policy; Chief Medical Affairs Officer, MDLIVE

Shaun Thomson -- World Surfing Champion; best-selling author; award-winning filmmaker; entrepreneur; inspirational speaker

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

UCSB Faculty Participants:

Aaron Blackwell, Anthropology

Dan Conroy-Beam, Psychological and Brain Sciences

Steve Gaulin, Anthropology

Mike Gazzaniga, Psychological & Brain Sciences

Tamsin German, Psychological & Brain Sciences

Michael Gurven, Anthropology

Zoe Liberman, Psychological & Brain Sciences

Jim Roney, Psychological & Brain Sciences

Non-UCSB Faculty Participants/Collaborators:

Ricardo Andrés Guzmán (Universidad del Desarrollo, Chile)

Rose McDermott (Brown University)

CENTER FOR INFORMATION TECHNOLOGY AND SOCIETY (CITS)

Director: Joseph Walther

Academic Coordinator: Melissa Bator

Mission Statement/Goals

CITS is a multidisciplinary center at UCSB spanning the Social Sciences, Humanities and Fine Arts, Sciences, and Engineering. Our overarching goal is to discover, synthesize, and apply knowledge from these diverse perspectives to understand and guide the development, use, and effects of information technologies in contemporary society. CITS seeks to address sociotechnical problems that are too big for any particular discipline to solve on its own. To achieve our goals CITS supports and catalyzes research, education, and outreach through interdisciplinary collaborations. It hosts conferences, workshops, speakers, and visitors, and provides administrative support for the Ph.D. Emphasis in Information Technology and Society.

Highlights/Achievements

The primary activities in Fall 2019 and Winter 2020 were the development and execution of a new graduate seminar, and assistance to departments in faculty and graduate student recruiting efforts. Spring 2020 pivoted to pandemic operations by supporting a Webinar series on COVID-19. A number of important guest lectures and academic visitors from Stanford and from Israel had been planned for Spring 2020, when the Covid pandemic shut down all travel. In deference to faculty members' unexpectedly great workloads in adapting instruction to remote delivery, and prospective "zoom burnout," guest lectures were cancelled. The CITS director and affiliate faculty member joined efforts (along with other faculty) in organizing, hosting, and producing a series of weekly webinar series on issues related to COVID-19. CITS took the lead in presenting information about the series on its "branded" website. This activity was widely admired. Real-time viewership ranged from 27 to 196 per week, and viewership on YouTube exceeds 2,000 views.

UCSB Faculty Participants

COLLEGE OF ENGINEERING

Divyakant Agrawal, Computer Science

Kevin Almeroth, Computer Science

Stephen Barley, Tech Mgmt Program

Elizabeth Belding, Computer Science

John Bowers, Electrical & Computer Engineering

Amr El Abbadi, Computer Science

Paul Leonardi, Tech Mgmt Program

Linda Petzold, Computer Sci & Mech Engineering
Matthew Turk, Computer Science
William Wang, Computer Science
Bob York, Tech Mgmt Prog & Elec Engineering

SOCIAL SCIENCES

Richard Appelbaum, Global Studies
Bruce Bimber, Political Science
Dolores Inés Casillas, Chicana Studies
Jon Cruz, Sociology
Norah Dunbar, Communication
Andrew Flanagan, Communication
Noah Friedkin, Sociology
Jennifer Gibbs, Communication
Amy Gonzales, Communication
Barbara Herr Harthorn, Anthropology
Miriam Metzger, Communication
John Mohr, Sociology
Eric Smith, Political Science
Melissa Smith, Health Equity Initiatives/ISBER
Cynthia Stohl, Communication
Michael Stohl, Communication
Rene Weber, Communication
John Woolley, Political Science

HUMANITIES AND FINE ARTS

Linda Adler Kassner, Writing Program
Alenda Chang, Film & Media Studies
Jeremy Douglass, English
Anna Everett, Film & Media Studies
Jennifer Holt, Film & Media Studies
Lisa Jevbratt, Art
George Legrady, Media Arts & Tech
Alan Liu, English
Karen Lunsford, Writing Program
Patrick McCray, History
Christopher Newfield, English
Constance Penley, Film & Media Studies
Amy Propen, Writing Program
Rita Raley, English
Laila Shereen Sakr, Film & Media Studies
Greg Siegel, Film & Media Studies

Cristina Venegas, Film & Media Studies
William Warner, English

MATH, LIFE, & PHYSICAL SCIENCES

Jim Blascovich, Psychological & Brain Sciences
Krzysztof Janowicz, Geography
Rich Mayer, Psychological & Brain Sciences

BREN SCHOOL

James Frew, Earth Research Institute

GEVIRTZ GSE

Chuck Bazerman, Education
Dorothy Chun, Education
Judith Green, Education

Non-UCSB Collaborators

Jeff Hancock, Stanford University
S. Shyam Sundar, Penn State University
Saraswathi Bellur, University of Connecticut
Jonathan Gratch, USC

Center Events

1. For Fall 2019, our INT 200 Gateway Technology and Society Colloquium focused on "Interacting with AI and Algorithms". Topics include the nature of algorithms and questions of value in the face of logics of power; attributions about, and folk theories people use to make sense of algorithmically-determined information; factors affecting users' acceptance of algorithmically-derived recommendations; new frameworks in the psychology of human-AI interaction; interactivity and contingency effects on conversations with machines; affective computing in the context of AI, and machine learning that supports machines' recognition of and influence on emotions; redefining credibility to fit non-human information sources. All faculty affiliates were invited to attend these talks, and many did. Guest speakers included:

Oct 2:

Prof. Jeff Hancock, Stanford/Communication; Attributions about, and folk theories people use to make sense of, algorithmically-determined information.

Oct 9:

Prof. S. Shyam Sundar, Penn State/Communications; Rise of Machine Agency--A framework for studying the psychology of human-AI interaction.

Oct 16:

Prof. Laila Shereen Sakr, UCSB/Film & Media Studies; Demystifying algorithms--questions of value and logics of power.

Oct 23:

Prof. Saraswathi Bellur, U of Connecticut/Communication; Interactivity and contingency effects in interactions with human and machine systems.

Oct 30:

Prof. Jonathan Gratch, USC/Computer Science; Affective computing in the context of AI, and machine learning that supports machines' recognition of and influence on emotions.

Nov 6:

Profs. Miriam Metzger and Andrew Flanagin, UCSB Communication; Reformulating credibility for AI.

2. CITS co-sponsored a workshop on development of a book about organizational visibility (with the Orfalea Center for Global & International Studies), October 4-5, 2019, CITS Office Suite (SSMS 1310).

3. In Spring 2020, CITS redirected its focus from research to instruction, co-developing and hosting a 12-week, public Webinar, "Issues, Approaches, and Consequences of the Covid-19 Crisis" (see <https://cits.ucsb.edu/spring2020>). The series featured experts from various UCSB departments, Cottage Health, Santa Barbara County Health Dept, local press, Santa Barbara/Goleta Chamber of Commerce, Stanford, and MIT. The effort was led by the CITS director and CITS faculty affiliate Ambuj Singh, CITS media manager staff and Data Science support staff. CITS led efforts in web support and the creation of weekly flyers/notifications, managed webinar hosting, and YouTube dissemination. Across the 12 live sessions, there were cumulatively 1,066 attendees. The video recordings of these webinars garnered an additional 2,122 views. Topics and speakers included:

April 14, 2020:

SARS-CoV2: The Virus and the Disease

Speakers: Carolina Arias Gonzalez, PhD and Lynn N. Fitzgibbons, MD

April 21, 2020:

Current Epidemiological Models: Scientific Basis and Evaluation

Speaker: Francesco Bullo, PhD

April 28, 2020:

Coping with Heterogeneity and Uncertainty of COVID-19 Datasets

Speakers: Yu-Xiang Wang, PhD and Ambuj Singh, PhD

May 5, 2020:

Economic Aspects of the Crisis: Labor Markets During Pandemics

Speaker: Peter Rupert, PhD

May 12, 2020:

Social Scientific Insights: Attitudes, Policies, and Coping with the Crisis

Speakers: Heejung Kim, PhD; David Sherman, PhD; and Robin Nabi, PhD

May 19, 2020:

Climate Effects on the Virus, Diagnosis Criteria, and a New Testing Procedure

Speakers: Kyle Meng, PhD, Carolina Arias Gonzalez, PhD, and Lynn N. Fitzgibbons, MD

May 26, 2020:

COVID-19: Analytics and Modeling for Prevention

Speakers: Somayeh Dodge, PhD and Mengyang Gu, PhD

June 2, 2020:

COVID-19: Interventions, Impacts, and Consequences

Speakers: Munther A. Dahleh, PhD and Susan Cassels, PhD

June 9, 2020:

County Health Update and Health Equity Efforts

Speakers: Van Do-Reynoso, MPH, PhD and Melissa Smith, M.D.

June 16, 2020:

The Crisis' Effects on Business and Journalism in Santa Barbara

Speakers: Bill Macfadyen, Founder and Publisher of Noozhawk, Kristen Miller, President/CEO of Santa Barbara and Goleta Chamber of Commerce, and Chris Chiarappa, local restaurateur and business partner

June 23, 2020:

COVID-19: Understanding the Disease Through Data

Speakers: John Ioannidis, MD, DSc, and Luca Foschini, PhD

June 30, 2020:

COVID-19: Analysis of Trends and Transportation Patterns

Speakers: UCSB Chancellor Henry Yang, PhD, Xifeng Yan, PhD, and Kostas Goulias, PhD

CENTER FOR MIDDLE EAST STUDIES (CMES)

Director: Walid Afifi

Academic Coordinator: Lisa McAllister

Mission Statement/Goals:

The Center for Middle East Studies (CMES) is an interdisciplinary network of scholars dedicated to studying the Middle East and Islam and disseminating knowledge both to the UCSB campus community and outside of it. Bringing together scholars from the Humanities, Fine Arts, and Social Sciences, CMES has historically accomplished this mission by organizing a wide variety of events, providing travel support to graduate students, and guiding the undergraduate major in Middle East Studies. We seek to involve the widest possible spectrum of scholars and students in activities that increase

campus awareness of the contributions of Middle Eastern and Islamic societies to global culture, both past and present.

Founded in 1990, CMES continues to pursue its mission of supporting education and research about the Middle East and Islamic world. Our successes to date are evident in the conferences, lectures, film series, and performances we sponsor, the support we offer to graduate students from a wide range of departments, and the small but dedicated group of undergraduates who choose to major in Middle East Studies. We continue to support interdisciplinary research and teaching as ways to encourage intercultural understanding and dialogue.

Five primary projects for 2020-21 are:

- K-12 outreach: training educators on issues tied to the Middle East and Islam, bringing workshops and speakers to K-12 classrooms.
- A series on the broad topic of “Borders” - in collaboration with other Area Studies Centers/Programs and the Dept. of Global Studies.
- Submitting an application for funding (along with representatives from other Centers/Programs) tied to the Borders theme.
- Ongoing discussion to re-imagine a larger footprint for Area Studies centers.
- Diversifying the Center’s funding stream.

Highlights and Achievements:

- Became the regional site for the California Global Education Project to provide professional development opportunities for K-12 educators in Santa Barbara, Ventura, San Luis Obispo and Kern counties.
- Received a \$40,000 grant from the California Global Education Project to support K-12 outreach programming.
- Provided funding support to graduate students to support their changing research needs during the pandemic.
- Postponed Spring 2020 events to Fall 2020 successfully. These virtual events (held during Fall) have been attended by faculty, students and the general public from across the USA and the world.
- Organized 14 events and 6 postponed events.
- Worked with graduate students as moderators and hosts of events to support their professional development and networking.
- Continued to explore options for diversifying funding streams.
- Continued discussion to develop an area studies center, working jointly with each other and with Global Studies, as appropriate/relevant. Supported several

collaborative research projects and events with the Orfalea Center. Led an extensive study into existing Global Studies-Area Studies initiatives across the world, resulting in numerous interviews and a 63 page report that served as the foundation for a a three year proposal and funding request for review by Dean Hale, Dean Majewski and VCR Incandela.

- Advocated for UCSB faculty to secure a statement of support for faculty rights from the Committee on Faculty Welfare, Academic Freedom, and Awards in response to the “Executive Order on Combating Anti-Semitism” issued by President Donald Trump on 22 December 2019
- Provided K-12 outreach to Isla Vista Elementary School around a ceramic art style from Jerusalem.
- Built relationships with local schools and school districts to continue K-12 outreach. This outreach was postponed due to the pandemic.
- Started the Cultural Ambassador Program to support undergraduate and graduate students’ telling of their cultural based stories and sharing of these with our K-12 community.
- Hired three undergraduate interns to support website development, social media and news posting, K-12 outreach, and event planning and logistics.
- Moved to Girvitz Hall to be closer to similar centers and work more closely with the Orfalea Center.
- Secured short-term continued funding for the Academic Coordinator position shared with the East Asia Center and Latin American Studies Program.
- Partnered with the Middle East Resource Center in EOP to better reach and meet the needs of the on-campus Middle Eastern community.

UCSB Executive Committee:

Paul Amar (Global Studies)
Bassam Bamieh (Mechanical Engineering)
Mona Damluji (Film and Media Studies)
Cynthia Kaplan (Political Science)
Kathleen Moore (Religious Studies)
Laila Shereen Sakr (Film and Media Studies)
Sherene Seikaly (History, Undergraduate Director)

UCSB Faculty Participants:

Sherene Seikaly (History)

Bishnupriya Ghosh (Global Studies)
Paul Amar (Global Studies)
Mark Juergensmeyer (Global Studies)

Non-UCSB Faculty Participants:

Michael Cooperson (UCLA)
Nadya Sbaiti (American University of Beirut)
Omar Sirri (American University of Beirut)
Serpa Ruken Sengul (UCLA)
Emrah Khayyat (Rutgers University)

Center Events:

Public Talks :

Sept 24, 2019- Feast of Ashes: The Life and Art of David Ohannessian - Sato Moughalian (author and Armenian-American researcher)

Oct 28, 2019 - Building Biographies: The Afterlives of Iran's Monumental Mihrabs - Keelan Overton (Visiting Scholar, UCSB)

Nov 8, 2019 - The Trickster Transformed: Putting Classical Arabic into Global English - Michael Cooperson (UCLA)

Nov 10, 2019 - From Beirut to Baghdad: Voices From the Ground - Nadya Sbaiti and Omar Sirri (American University of Beirut)

Dec 3, 2019 - Kurdish Struggles Today: Epistemologies of Identity, Resistance, Solidarity - Serpa Ruken Sengul (UCLA)

Jan 13, 2020 - History at the End of the World - Emrah Khayyat (Rutgers University)

March 13, 2020 - The nasikh, the rahib and the katib: Christian men of letters of the 17th and 18th centuries - Hillary Kilpatrick (independent scholar)
6 events postponed due to pandemic.

Graduate and Undergraduate Student Professional Development and Support:

Oct 10, 2019 - Graduate Student Meet and Greet

Dec 5, 2019 - Middle East Studies Reading Circle

Feb 24, 2020 - Middle East Studies Reading Circle

June 16, 2020 - Remote Research for Middle East Studies - Heather Hughes (UCSB Librarian)

June 23, 2020 - Remote Research for Middle East Studies - Heather Hughes (UCSB Librarian)

Other Events:

Sept 23, 2019 - K-12 Outreach at Isla Vista Elementary with Sato Moughalian

Oct 15, 2019 - Welcome Lunch

Co-sponsored Events:

Oct 9, 2020 - Talking about the Holocaust in Egypt - Haggag Ali (Arts Academy, Cairo)

Oct 30, 2020 - Don't Let Me Be Lost To You - Ian Nagoski (Music Researcher and Collector)

CENTER FOR NEW RACIAL STUDIES (CNRS)

Director: Howard Winant

Mission Statement/Goals:

To provide ongoing research on race and racism; broad mandate.

Highlights/Achievements:

The UCCNRS had five golden years 2010-2015. Its activities have been curtailed since it became "merely" the UCSB CNRS: there has been some publishing and research collaboration, but nothing even silver much less golden. Under the direction of Social Sciences Dean Charles Hale, we are now planning a total reorganization of the Center. The name will be changed, a new mission of ENGAGED COMMUNITY RESEARCH (and teaching!) will be developed, and the race/racism emphasis will shift, probably emphasizing immigration restriction and immigrants rights. A new faculty cohort and new Director will be named as the current Director is approaching retirement.

Charles Hale and Howard Winant are working on the redesign of the Center.

EAST ASIA CENTER (EAC)

Director: Loke Roberts

Co-Director: Xiaorong Li

Academic Coordinator: Lisa McAllister

Mission Statement/Goals:

The East Asia Center (EAC) at the University of California, Santa Barbara promotes interdisciplinary research and cultural events on East Asia. It brings together UCSB faculty, students, and the wider local public with leading scholars and other creative individuals from other institutions in order to create a critical and nurturing community for the study of East Asia. EAC strives to collaborate with a range of departments, individuals and other units in the Humanities, Social Sciences and beyond that are invested in education and public understanding of East Asia. EAC invests in relationships between UCSB and the East Asian region as well as the academy and the public.

Highlights/Achievements:

The EAC sponsored or co-sponsored a number of speakers and events on campus (see below). It also applied for and housed the grant for a visiting professor, Dr. Eunjin Choi, from the Korea Foundation, to be on campus and teach five courses. It also supported a successful Japan Foundation Application made by former EAC Director Sabine Fruhstuck which has supported graduate student research with four \$8,000 research fellowships.

Center Events:

October 16, 2019 - TALK Professor Elizabeth N. Tinsley (East Asian Studies, UC Irvine, California): "Disembodied: Buddhism and Christianity in Japan's early twentieth-century sexual subcultures," SS&MS 4th floor conference room,

October 18, 2019 - TALK Matt Fraleigh "Approaching Classical Chinese Poetry In Early Modern Japan: Intralingual And Interlingual Translation Strategies In Japanese "Remarks On Poetry." HSSB 4080 (secondary co-sponsor with EALCS)

December 16, 2019 - WORKSHOP "An Emotional Revolution: Loves and Loyalties in Imperial Japan, 1868-1945" organized by Miriam Wattles (co-sponsorship with EALCS)

December 16 2019 - KEYNOTE LECTURE Prof. Mark Steinberg (University of Illinois Urbana Champagne) "The Emotional Landscape of Revolution: Russia 1905-1925" HSSB 6020.

February 26, 2020 - TALK Katsuya Hirano "Soveriegnity and Emperor's Child: The Logic of Dispossession and Protection of Ainu Mosir" SSMS 2135 (Cosponsorship with EALCS)

March 5, 2020 - Gagaku and Bugaku musical and dance performances on campus Fabio Rambelli (Cosponsorship with EALCS)

June 1, 2020 - Ha Sung Hwang (Media and Communication, Dongguk University): I'm Happy Because of BTS: Exploring Emotional Attachment between BTS and ARMYs

UCSB Faculty Participants:

Advisory Board

Professor Jia-Ching Chen, Global Studies

Professor Jin-Sook Lee, Education

Professor Yunte Huang, English

Professor Luke Roberts, History

Professor Katherine Saltzman-Li, EALCS

UCSB Affiliated Faculty:

ASIAN AMERICAN STUDIES

John Park

Lisa Park

Ayako Takamori
Xiaojian Zhao

COMMUNICATION

Howard Giles

EAST ASIAN LANGUAGES AND CULTURAL STUDIES

Akiyo Cantrell
Bella Shu-chuan Chen
Meng Chen
Eunjin Choi
William Fleming
Sabine Frühstück
Daoxiong Guan
Jennifer Chuan-chen Hsu
Ann-Elise Lewallen
Xiaorong Li
Thomas Mazanec
John W. Nathan
Hyung Il Pai
Fabio Rambelli
Katherine Saltzman-Li
Chikako Shinagawa
Dominic Steavu-Balint
Kuo-ch'ing Tu
Mayfair Mei-hui Yang
Sharon Hsiao-jung Yu
Yoko Yamauchi
Xiaowei Zheng

ECOLOGY, EVOLUTION AND MARINE BIOLOGY

Peter Chaillé
Peter Michael Collins

ENGLISH

Yunte Huang
Sowon S Park
Teresa Shewry

FILM AND MEDIA STUDIES

Michael Curtin
Bhaskar Sarkar
Naoki Yamamoto

GEVIRTZ GRADUATE SCHOOL OF EDUCATION

Mary E. Brenner

Dorothy M. Chun
Hsiu-zu Ho
Jin Sook Lee
Yukari Okamoto
Mian Wang
Chunyan Yang

GLOBAL STUDIES

Richard Appelbaum
Jia-Ching Chen
Jan Nederveen Pieterse

HISTORY

Anthony Barbieri-Low
Tsuyoshi Hasegawa
Xiao-bin Ji
Kate McDonald
Luke S. Roberts
Paul Spickard
Xiaowei Zheng

HISTORY OF ART AND ARCHITECTURE

Peter Charles Sturman
Miriam Wattles

INDEPENDENT SCHOLARS AND OTHER AFFILIATES

Susan Chan Egan

LIBRARY, EAST ASIAN COLLECTIONS

Cathy Chiu
Gary A. Colmenar
Leahkim Gannett
Peter Pang
Seiko Y. Tu

LINGUISTICS

Patricia M. Clancy
Charles N. Li
Sandra A. Thompson

MUSIC

David Novak

POLITICAL SCIENCE

Bridget L. Coggins
Laurie A. Freeman

M. Kent Jennings
Pei-te Lien

RELIGIOUS STUDIES

José Ignacio Cabezón
Andrea Castiglioni
Greg Hillis
William F. Powell
Dominic Steavu-Balint
Vesna Wallace
Mayfair Mei-hui Yang

SOCIOLOGY

Mark Juergensmeyer

MESOAMERICAN RESEARCH CENTER (MARC)

Director: Anabel Ford

Mission Statement

Engaged formal and informal research in Mesoamerican and the Maya that builds capacity among graduate and undergraduate students in anthropology, archaeology, geography, geology, Latin American Iberian Studies, and Environmental Studies and Citizen Scientists in the field and lab work together to build integrated results to address the understanding of traditional land use and sustainability, particularly in the tropics.

Highlights/Achievements

- Invited review of traditional land use in Bhutan
- Workshop in Chennai India
- NSF grant : Why Did the Late Classic Maya Live Where They Did? How Settlement Patterns and Environmental Factors Shaped Maya Civilization

UCSB Faculty Participants/Collaborators

Keith Clarke (Geography)
Frank Spera (Earth Science)
Renata Curty (Library)
Greg Janee (Library)

Non-UCSB Faculty Participants/Collaborators:

Claudia Knudson
Sherman Horn
Paulino Morales

ORFALEA CENTER FOR GLOBAL AND INTERNATIONAL STUDIES

Director: Paul Amar

Academic Coordinator: Melissa Bator

Mission Statement/Goals:

Our mission is to bring together active members of the public and scholars from across campus to address high-stakes issues of global concern. The Orfalea Center for Global & International Studies is launching a new and expanded vision, building an energized set of partnerships, and expanding its highly skilled coordinating team to bring the best of UCSB's research skills, undergraduate pedagogy, and public education skills to address high-stakes issues of global concern. The Center seeks to expand and enhance UCSB collaborations with partners around the world on practical and policy questions of global scope, and to generate findings that can be useful to a range of actors and institutions. We approach our mission by recognizing distinct types of knowledge and seeking mutual benefits from collaboration across these differences. Through these activities, the Center works with campus partners to forge collaboration among all those who work in global, international, and area studies, engaging publics and communities in novel ways.

Highlights/Achievements:

Summer-Fall 2019

Undergraduate Nuclear Security Course taught by Neil Narang (Political Science) and hosted at the Orfalea Center (Girvetz 2320). This course was originally supported through a grant from the Stanton Foundation (\$10,000) and continues to be supported through an Orfalea Center Matching Grant (originally \$30,000). There are two more years of funding remaining for this course.

The Visibility Research Hub, led by Michael Stohl, held a 2-day intensive collaborative meeting, "Communication as Visibility Management", to bring together a small group of international researchers working on questions about visibilities. Participants included Mikkel Flyverbom (Copenhagen Business School), Michael Stohl (UCSB), Cynthia Stohl (UCSB), Paul Leonardi (UCSB), Frederik Schade (Copenhagen Business School), Delaney Harness (UT Austin), Leopold Ringel (Bielefeld University, Germany), Jeffrey Treem (UT Austin), Jennifer Gibbs (UCSB), and Craig Scott (Rutgers).

Global/Area Dialogue and Collaborative Institute Formation

The Orfalea Center supported the report/blueprint of the Institute for Global/AreaStudies dialogue and collaboration, drafted by Academic Coordinator Lisa McAllister (with support from the Orfalea Center and all area studies centers). As a

result, Lisa McAllister shares office space with the Center and the Orfalea Center actively works to coordinate events with the area studies centers, when it makes sense to do so. For example, in December 2019 Serap Ruken Sengal visited with students and the local community regarding Kurdish feminist history and current political reality. The Global-Area Dialogue initiative launched through a collaborative effort which included members of the Orfalea Center, CMES, LAIS, and EAC. Through this initiative, the Centers involved supported the research for the report on global/area collaboration that led to the Institute Plan, coordinated primarily by Area Studies Academic Coordinator Lisa McAlister and Prof Walid Afifi (Communications), Director of the Center for Middle East Studies, with continuous support and input from Orfalea Director Paul Amar.

Creation of the Orfalea Center Consultative Council

During the Fall Quarter, members of the Orfalea Center Consultative Council were identified and convened to conduct a scoping exercise starting with sharing of research-collaboration networks, modes of public engagement, and grant-writing successes and plans. Bringing the Council members together enabled them to begin to collectively imagine different thematic research umbrellas where their research intersections could play out.

This work continued during the Winter quarter with the launch of a strategic planning initiative with the aim of generating new principles of collaborative research and for designating themes for research clusters. The agreed upon themes also sought to encompass, as much as possible, the following collectively defined principles:

- bringing area-studies research into transregional dialogue,
- deprovincializing global ethnic studies,
- raising grant-seeking and fund-raising capacity,
- co-producing research with the global south and with our students, and
- articulating research with activist and/or community knowledge producers outside the conventional academy.

Winter – Spring 2020

During this period, the Orfalea Center shifted from a primary focus on conference organizing and speaker honoraria toward graduate student support, global-south research collaboration, and seed research to generate area/global transregional collaboration and major extramural Foundation grants.

Thematic Research Cluster Formation

This process included the Orfalea Consultative Council gradually building consensus around the below-listed cluster topics that they had identified, collectively. Also, we created Geographic Research Hubs and Hired 20 Summer 2020 Graduate Fellows associated with the Clusters. And in turn, these clusters launched Global South/East Research Partnership with publicly engaged researchers in topics relevant to their thematic focus.

Through collaboration and deliberation amongst the Council Members, which included all area studies center directors, 8 new thematic research clusters that integrate Global/Area dialogue were identified.

1. Global Genders and Sexualities

Faculty Involved: Dasgupta Debanuj (Feminist Studies), Sabine Frühstück (East Asian Languages & Cultural Studies), Xiaorong Li (East Asian LCS), Raquel Pacheco (Anthropology)

2. Future Infrastructures: Water, Energy and Justice

Faculty: Charmaine Chua (Global Studies), Mona Damluji (Film & Media Studies), Melody Jue (English), Stephan Miescher (History), Satyajit Singh (Political Science/Global Studies)

3. Social Data and the Archive: Rethinking the Politics of Knowledge Production

Faculty: Emiko Saldivar Tanaka (Anthropology), Sherene Seikaly (History), Utathya Chattopadhyaya (History), Juan Cobo Betancourt (History)

4. Resistance, Autonomy, Liberation

Faculty: Mhoze Chikowero (History), Ricardo Jacobs (Global Studies)

5. Global Futures: Uncertainty, Displacement, Security

Faculty: Walid Afifi (Communication, CMES), Bhaskar Sarkar (Film & Media Studies), Bishnupriya Ghosh (Global Studies/English)

6. Structural Violence, Police/Prison Abolition, and Decoloniality

Faculty: Jean Beaman (Sociology), Felice Blake (English), Kai Thaler (Global Studies), Jaime Amparo Alves (Black Studies)

7. Transnationalizing the Study of the United States

Faculty: Lisa Hajjar (Sociology), Terrence Wooten (Black Studies), Cecilia Méndez (History, LAIS)

8. Environmental Justice/Climate Justice

Faculty: John Foran (Sociology), ann-elise lewallen (East Asian Languages & Cultures), Alenda Chang (Film & Media), Ken Hiltner (English), David Pellow (Environmental Studies), Elana Resnick (Anthropology), Liz Carlisle (Environmental Studies), Summer Gray (Environmental Studies)

Geographic Research Hubs: Mexico City, Rio, Cairo, and others currently in development.

In order to assist each thematic cluster with articulating the aims of their cluster's work, along with the development of online resources and archives, the Orfalea Center committed to hiring 2 graduate students per thematic research cluster as student assistants during Summer 2020.

In addition, the Orfalea Center committed \$5000 to each thematic cluster to enable the creation of Global South/East Research Partnerships. The funds were specifically designated for publicly engaged researchers in impacted communities, with an aim to foster research partnerships and to support pilot projects with academic research partnership institutions in the global south/east. The Global Partner Collaborations created by each thematic research cluster began their work during Summer 2020.

Grant Writing Workshops:

During January and February 2020 we hosted two different scholars, Omar Dahi (UMass Amherst) and Xiaopei He (Director, Pink Space). Each scholar was here to work on separate collaborative grant applications, and each scholar hosted a graduate student professionalization session, enabling mentoring in grant writing. Both grants were successful and will invigorate the center's research mission and spark innovative collaborations across campus. (to begin payout in 20-21)

The Carnegie award, "Security in Context," is a two-year grant to develop social justice-oriented security studies and inclusive research methods. Amar is the sole PI for the project. It will run alongside parallel grants to the University of Massachusetts-Amherst and the University of Oklahoma.

The Ford Foundation's two-year grant will allow the center to focus on China's overseas financial and infrastructural investments in South America, the Middle East and Africa. The co-principal investigators are Amar, Lisa Rofel of UC Santa Cruz and Petrus Liu of Boston University. The Ford grant offers the center and its partners the opportunity to consider the social, cultural, communications and media aspects of China's 'stepping out' into the global south. China is now the No. 1 trading partner and investor in many countries in South America and primary geopolitical influencer in Sub-Saharan Africa.

Collaboration with Environmental Justice/Climate Justice (EJ/CJ) Thematic Research Cluster

The EJ/CJ Thematic Research Cluster has been around the longest of the 8 thematic research clusters. Therefore, members of this cluster continued to carry out research and projects originally initiated under the previous Director's tutelage. During Winter 2020, John Foran hosted a group studies course on the topic of working toward an Ecovista in Isla Vista. In this course, students work on scholar-activist projects intended to move Isla Vista toward a sustainable and just community.

Richard Widick continued to curate the group's massive web resource page.

In addition, 8 different members carried out research with \$2500 "mini grants" that we at Orfalea administered and funded. Below, is a list of each awardee and the title of their research.:

- anne-elise lewallen (East Asian Languages & Cultures): Energy Development or Resource Colonialism
- Elana Resnick (Anthropology): Racialized Power
- Melody Jue (English): Sustainable seaweeds: Recipes for a better future
- Ken Hiltner (English): Forward to Nature Podcast Series

- Summer Gray (Environmental Science): Beautiful Experiments 3 projects
- John Foran (Sociology): From Eco Vista to Isla Vista
- Richard Widick (OC Fellow): CJ and a New Ethics
- Alenda Chang (Film and Media Studies): Green Game Design//EJ/CJ stream in Media + Environment

Integration with Mellichamp Global Dynamics Initiative--moving the Mellichamp vision forward:

Throughout the Winter, Spring, and Summer quarters The Orfalea Center for Global & International Studies worked with the outgoing Mellichamp Global Dynamics Initiative to transition the initiative's most valuable products to a more permanent host (i.e., the Orfalea Center) and to continue to develop and refine the Mellichamp vision. Victor Faessel, Academic Coordinator for the Mellichamp Global Dynamics Initiative, is part of this transition. His job description has been refined and a portion of his time will be working with the Orfalea Center, which will now host the global-e journal.

In addition, Victor's new work will include public education efforts, leadership of the new Orfalea Center Undergraduate Fellows Program, as well as three undergraduate research training and professionalization seminars.

The global-e journal, founded by Michael Curtin, will continue to operate. Chengyuan Xu (GSR) and Victor Faessel (Academic Coordinator, Mellichamp 21st Century Global Dynamics Initiative) are working on a gradual transition of the online journal global-e to Orfalea Center management, as the Mellichamp project winds down.

Through Extensive dialogue with EAP, Michael Curtin (Director, Mellichamp 21st Century Global Dynamics Initiative), and Duncan Mellichamp we have made strides toward major EAP/Global Studies pedagogy initiatives, including the creation of three undergraduate research training and professionalization seminars centered around preparing students for their study abroad experiences. The courses were co-designed by the Orfalea Center and the Global Studies Department. They will be hosted by Global Studies and taught by Victor Faessel.

In conjunction with these courses, the Orfalea Center has partnered with the Global Studies Department at UCSB to design and will host an "Undergraduate Orfalea Center for Global & International Studies Fellows Program", intended to prepare area/global undergraduate researchers to generate collaborative research with the global south as they do their EAP programs

Representation Travel of the Director

The Director of the Orfalea Center travelled extensively this year in order to develop relationships with scholars and organizations in the Global South for long-term knowledge co-production. His travels included academic conferences and research centers. Below is a summary of his travel and the network he developed.

*American Studies Association: Met with the Director of the Global South Center, indigenous researchers, and publishers who are considering publishing Orfalea Center collaborative work.

*Middle East Studies Association: Met with the Carnegie Corporation program officers and with the leaders of Middle East Studies Centers at various universities.

*Meetings with several research centers in Mexico City during the “Arab Week” conference cycle, in order to elaborate the Global South Partnership Hub model and to explore collaborative work between Middle East Studies and Latin American Studies.

Burdick Fellows Program

A donation by the Burdick Family enabled the creation of the Burdick Fellows Program, with Satyajit Singh (Political Science) as director. This program aligns with the EAP seminars and global-south research partnership themes currently coordinated by the Orfalea Center and it will enable more undergraduates to develop skills for making the most of their study abroad programs.

Center Events:

Oct 2-3, 2019:

The Visibility Research Hub, led by Michael Stohl, held a 2-day intensive collaborative meeting, “Communication as Visibility Management”, to bring together a small group of international researchers working on questions about visibilities.

Dec 3, 2019:

Serap Ruken Sengal visited with students and the local community regarding Kurdish feminist history and current political reality. This event was co-hosted with the Center for Middle East Studies.

Jan & Feb, 2020:

Omar Dahi (UMass Amherst) and Xiaopei He (Director, Pink Space) hosted a graduate student professionalization session, enabling mentoring in grant writing.

UCSB Faculty Participants:

Global Security Research Hub Co-Directors:

Bridget Coggins, Associate Professor, Political Science, UCSB

Neil Narang, Associate Professor, Political Science

Religion in Global Public Life Research Hub Co-Directors:

Mark Juergensmeyer, Religion

Kathleen Moore, Professor, Religion

Governance and Human Rights Research Hub Co-Directors:

Alison Brysk, Professor, Global Studies

Michael Stohl, Professor, Communication

Environmental/Climate Justice Research Hub Director:

John Foran, Professor, Sociology

Orfalea Center Consultative Council Faculty Members:

Jaime Amparo Alves, Black Studies
Omise'eke Tinsley, Black Studies
Terrance Wooten, Black Studies
Felice Blake, English
Bishnupriya Ghosh, English
Melody Jue, English
Jeff Hoelle, Anthropology
Raquel Pacheco, Anthropology
Emiko Saldivar, Anthropology
Mona Damluji, Film and Media
Bhaskar Sarkar, Film and Media
Cristina Venegas, Film and Media
Walid Afifi, Communication
Daina Sanchez, Chicano Studies
Charmaine Chua, Global Studies
Nadege Clitandre, Global Studies
Kai Thaler, Global Studies
Sabine Fruhstuck, East Asian/Cultural Studies
ann-elise lewallen, East Asian/Cultural Studies
Xiaorong Li, East Asian/Cultural Studies
Jude Akudinobe, History
Utathya Chattopadhyaya, History
Mhoze Chikowero, History
Juan Cobo, History
Cecilia Méndez, History
Stephan Miescher, History
Luke Roberts, History
Sherene Seikaly, History
Satyajit Singh, Political Science
Jean Beaman, Sociology
Lisa Hajjar, Sociology
Winddance Twine, Sociology

Orfalea Council Ex-Oficio Members (Adjacent Centers and Academic Coordinators):

Melissa Bator, Academic Coordinator, Orfalea Center for Global & International Studies
Lisa McAllister, Academic Coordinator, Area Studies Centers
Alice O'Connor, Director, Blum Center on Poverty, Inequality, and Democracy
Joanne Nowak, Academic Coordinator, Blum Center on Poverty, Inequality, and Democracy
Michael Curtin, Director, Mellichamp Global Dynamics Initiative
Victor Faessel, Academic Coordinator, Mellichamp Global Dynamics Initiative

Other UCSB Faculty Participants:

Michael Stohl (Communication)
Neil Narang (Political Science)

Non-UCSB Faculty Participants/Collaborators:

Mikkel Flyverbom (Copenhagen Business School)
Frederik Schade (Copenhagen Business School)
Delaney Harness (UT Austin)
Leopold Ringel (Bielefeld University, Germany)
Jeffrey Treem (UT Austin)
Craig Scott (Rutgers)
Serap Ruken Sengul (UCLA)
Omar Dahi (UMass Amherst)
Xiaopei He (Director, Pink Space)

The Richard C. Blum Center for Global Poverty Alleviation and Sustainable Development

Director: Alice O'Connor

Academic Coordinator: Joanne Nowak

Mission Statement/Goals:

The mission of the UCSB Blum Center is to foster interdisciplinary, socially engaged research and learning about poverty and inequality, and to contribute to collective action that advances intersectional economic and environmental justice regionally, in the U.S., and abroad.

Highlights/Achievements:

The new undergraduate Minor in Poverty, Inequality and Social Justice was launched at UCSB in Spring 2019. The Minor is housed in the Department of History, and focuses on the structural and political roots, dynamics and consequences of poverty and intersectional inequality. It enables students to conduct original research and engage in efforts to address poverty through a gateway course, three upper division electives, an internship, and a capstone seminar. The Blum Center manages the internship component drawing on connections with local organizations focused on issues of poverty, inequality and social justice. The Center also serves as a space for declared Minor students to connect with peers and faculty working on these issues, and meet leading experts and practitioners to learn about the latest research in these areas and deepen their engagement.

By June 2020, we had over 80 students declared from such diverse majors as Global Studies, Sociology, Psychological and Brain Sciences, Economics, and Financial Mathematics and Statistics. The gateway course, "Poverty, Inequality and Social Justice in Historical and Global Context", has been extremely popular among students. In Fall 2019, there were over 160 students in this course. We have also had students undertake internships for the Minor each quarter in 2019/20. Notably, in very short order we were able to transition from in-person to virtual internships for students in Spring quarter due to the pandemic. As of June 2020, 11 students had completed all the requirements and 4 of those were spring 2020 graduates.

Another new initiative incubated by the UCSB Blum Center, alongside the UCSB Center for Information Technology & Society, is the Sustainable Tech Repair Initiative (STRI). Launched in Fall 2019, the goal of this initiative is to facilitate sustained access to quality technology (laptops, cell phones) regardless of socio-economic background, and reduce the amount of e-waste on campus, by providing an accessible and affordable tech repair service for UCSB students. The goals of the pilot phase were to collect data on the scope of need for this service, and design and implement 1-2 Pop Up tech repair events. These goals were achieved – the Pop Up repair service had a soft launch in February/March 2020, where the STRI team held troubleshooting consultations with over a dozen students and ultimately repaired seven devices based on the repair team’s skill level and available budget. While a second, larger in-person Pop Up was scheduled for April 2020, the team pivoted to a virtual troubleshooting event in response to COVID-19. They also created a website and social media accounts with repair resources and information to increase digital literacy within the campus community. The STRI team also designed and implemented a campus-wide survey (response rate of over 950 undergraduate and graduate students) examining the relationship between access to quality technology, academic performance, and wellness in Spring 2020. These results are currently being analysed.

STRI was initially supported by an internal grant from the Green Initiative Fund for 2019-20 (roughly \$16,800), which was later matched by the Office of Financial Aid. The Blum Center and CITS Academic Coordinators secured an additional \$7,000 in funding from the Office of Diversity, Equity, and Inclusion in June 2020 to fund a few students from the original STRI team to identify partner outreach and develop a business proposal to establish this service as a permanent resource on campus. The Blum Center will have been one of the founding partners to help incubate this important service on campus addressing an unmet basic need – sustained access to quality technology – which has only been amplified in the pandemic.

Our Center is also about to launch a student-led Blum Center podcast, Pwr to the People, focused on issues college youth feel need to be brought to the fore in today’s discussions of poverty and inequality. The episodes feature student hosts (our Blum student team) interviewing research experts and leading practitioners on these issues, and draw on historical lessons that showcase the impact youth can have on public discourse and public policies, with a particular emphasis on how to use democratic processes to make change. During the 2019-20 academic year, our Blum student team did background research, held informal short interviews with students on campus, wrote a podcast script, and recorded a full episode focused on key issues and modes of engagement that most resonate with youth today. They also did background research, interviewed two faculty experts, and wrote the script for a second episode focused on the particular events and trends that have shaped the views of college-age youth on issues of poverty and inequality. They also wrote up an outline for an additional two other episodes, which together will constitute our first podcast series. We plan to launch the podcast early in 2021, and aim to complete a second series of podcast episodes by the end of the 2020-21 academic year.

To support the expansion of the podcast, the Blum Center Academic Coordinator successfully applied for the UC National Center for Free Speech and Civic Engagement – Valuing Open and Inclusive Conversation and Engagement (VOICE) Grant Program (\$4,665) in late 2019. This funding has allowed our team to purchase equipment for students to record quality audio at home due to the campus being closed, and will cover the costs of recording additional podcast episodes and a marketing budget in the coming months. Our Center was also asked by the UC National Center for Free Speech and Civic Engagement to write a piece on civic engagement in the time of COVID-19 in the April 2020 edition of their Speech Spotlight series.

In spring 2019 we also launched a new Blum Graduate Fellowship Program. Specifically, we issued a call for proposals for a Graduate Fellowship in Poverty, Inequality, and Democracy, open to dissertation-level graduate students throughout the UC system. We awarded eleven research grants and gathered graduate fellows at UCSB for two workshops in early and late Fall 2019. The selected students represented a range of disciplines including Anthropology, Sociology, the History of Art and Visual Culture, Geography, Economics, and Urban Planning. The workshops provided a space for the fellows to obtain feedback from an interdisciplinary community, have in-depth discussions about the diversity of research models and methods involved in the study of poverty and inequality, as well as the opportunity to connect with peers across the UC and relevant faculty experts from UCSB who participated in the workshops.

Lastly, Blum Center students and staff are finalizing a Global Citizen’s Guide to the Green New Deal. This document will provide accessible and concise information that maps out the intricate history, aims, and uses of the Green New Deal resolution, as well as its advocates and critics. This Citizen’s Guide is the first of a series of public-oriented documents developed by our Center that will distill complex topics related to poverty, inequality, and democracy, and outline how individuals can get involved in efforts for change.

In terms of research highlights, in spring 2020 the Blum Center launched the California Central Coast Regional Equity Study, a major new research initiative planned and developed in collaboration with the Fund for Santa Barbara, and the Broom Center, in a partnership that brings an interdisciplinary team of UCSB faculty together with social justice practitioners, grantmakers, researchers, and community leaders from throughout the region. The first phase of this initiative will produce a comprehensive compendium of regional equity indicators and accompanying report, slated to be released in spring 2021, highlighting the roots and consequences of structural inequalities in employment, education, public health, environment, housing, and related areas of urgent policy concern, and setting agendas for ongoing research and action.

We have also begun a related research project that examines how COVID is affecting different communities and exacerbating existing inequalities throughout the region, with a particular focus on its impacts on the broader infrastructure of (local) organizations, institutions, and movements focused on meeting immediate basic needs

and/or organizing for longer term structural change.

Center Events:

September 5 & December 11, 2019:

Blum Graduate Fellow Workshops, RM 2320, Girvetz Hall. As mentioned, these workshops brought together our graduate fellows with UCSB Blum Faculty affiliates to present and discuss their work, promote interdisciplinary learning, and share professional strategies and advice.

October 24, 2019:

Panel Discussion and Panel Forum – Building a Green New Deal, 6020 HSSB, This event highlighted the coalitional work of the Central Coast Climate Justice Network in its efforts to develop a more equitable and resilient environmental future for our region. Panelists included: Marisela Morales, Executive Director, Central Coast Alliance United for a Sustainable Economy, Co-convener, C3JN; Sigrid Wright, Executive Director, Community Environmental Council, Co-convener, C3JN; Cameron Gray, Transportation and Climate Manager, Community Environmental Council; Ana Rosa Rizo-Centino, Senior Central Coast Organizer, Food & Water Action; and Vanessa Teran, Policy and Communications Associate, MICOP. The Blum Center was a key co-sponsor of this event.

October 23, 2019; November 12, 2019:

Big Ideas Information Sessions RM 2320, Girvetz Hall. In these sessions, the two UCSB Innovation Ambassadors delivered presentations and provided guidance to students interested in the Big Ideas contest. The Blum Center Academic Coordinator provided administrative and logistical support for the events.

November 19, 2019:

Blum Center Student Pop Up Discussion – Living with Activism: Adversity, Hope, and Resistance, RM 2320 Girvetz Hall

The discussion focused on a recent memoir written by Ady Barkan, a well known advocate and activist for structural reform in health policy and health care access, and on the intersections between community organizing and research. The Pop Up featured Assistant Professor of Global Studies, Jia-Ching Chen, who discussed the role of social movements in making change, his professional experience as an activist and organizer before entering academia (and how he continues his activism today), as well as his support of Ady Barkan and the Center for Popular Democracy.

February 5, 2020:

Pop Up Discussion – Mass Incarceration and Grassroots Change, RM 2320, Girvetz Hall

The discussion focused on the powerful life stories of Jerome Morgan, Daniel Rideau, and Robert Jones (activists, community organizers, and wrongfully incarcerated gentlemen) and highlighted the parallels between the prison system and slavery, internalized racism, community failure and healing, as well as grassroots organizing and change. The Pop Up was moderated by a Blum Student Assistant, and two leaders of

the UCSB student club – Underground Scholars of Santa Barbara, which supports and advocates for fellow formerly incarcerated students.

February 19, 2020:

Pop Up Discussion – What Have We Learned from Anita Hill? SSMS 2135

The discussion examined the parallels and differences in the way the media portrayed Anita Hill’s trial in 1991 and Dr. Ford’s trial in 2018, the limitations of race-only and gender-only frameworks, as well as the effects of these events on related social movements, and their ability to foster an inclusive democracy. The featured guests were Amoni Thompson-Jones and Megan Spencer, two doctoral students in Feminist Studies at UCSB.

June 1-5, 2020:

Virtual Information Campaign – Underrepresented Communities & Unequal Impacts of COVID-19 This virtual campaign had daily postings outlining the unequal impacts of the pandemic on marginalized communities (specifically Black, Latinx, and Indigenous populations in the US), and grassroots efforts to support these communities and advocate for structural changes that will address these health inequities.

October 23, 2019; November 4, 2019; April 22, 2020; and April 28, 2020:

information Sessions – Minor in Poverty, Inequality, and Social Justice, RM 2320 Girvetz Hall, or virtually via Zoom. These sessions provided an overview of the Minor, reviewed FAQs, and featured a Q&A between the Blum Center Academic Coordinator (Joanne Nowak), the Undergraduate Advisor for the History Department (Corey Carpenter), and students interested in the minor.

Richard C. Blum Center UCSB Affiliated Faculty:

Amit Ahuja, Associate Professor, Department of Political Science

Javier Birchenall, Associate Professor, Department of Economics*

Jan Nederveen Pieterse, Professor, Department of Global Studies

Stuart Sweeney, Professor, Department of Geography

Sherene Seikaly, Associate Professor, Department of History*

Aashish Mehta, Associate Professor, Department of Global Studies*

Stephan Miescher, Associate Professor, Department of History*

William Robinson, Professor, Department of Sociology

Susan Cassels, Assistant Professor, Department of Geography

Laury Oaks, Professor, Department of Feminist Studies

Lisa Sun-Hee Park, Professor, Department of Asian American Studies

Eileen Boris, Professor, Department of Feminist Studies

Javiera Barandiaran, Assistant Professor, Department of Global Studies*

Casey Walsh, Associate Professor, Department of Anthropology*

Michael Stohl, Professor, Department of Communication

Jia-Ching Chen, Assistant Professor, Department of Global Studies

Shinder Thandi, Lecturer, Department of Global Studies

David Lopez-Carr, Professor, Department of Environmental Studies*
Raquel Pacheco, Assistant Professor, Anthropology
Amy Gonzales, Associate Professor, Communication
Jeffrey Hoelle, Associate Professor, Anthropology

** Faculty who are also part of the Advisory Group on the new Minor in Poverty, Inequality and Social Justice.*

In addition, the Steering Committee for the California Central Coast Regional Equity Study includes Maria Charles (Professor, Sociology and Director of the Broom Center) and Diane Fujino (Professor, Asian American Studies).

Non-UCSB Faculty Participants and Collaborators:

Manuel Pastor (University of Southern California, Director of California's Equity Research Institute) is a participating faculty member in our California Central Coast Regional Equity Study.

Other Programs

July 1, 2019 - June 30, 2020

Mathematics, Engineering, Science Achievement (MESA) Program

PI: Glenn Beltz

Co-PI: Mario Castellanos

Director: Micaela Morgan

Mission Statement/Goals:

Mathematics, Engineering, Science Achievement's (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.

MESA COLLEGE PREP PROGRAM (MCP) assists pre-college students at middle and senior high schools so they excel in math, engineering, and science so they become competitively eligible for the most rigorous colleges and universities. The MESA College Prep program partners with teachers, administrators, school district officials and industry representatives to provide a comprehensive and robust academic enrichment model. Students are selected to participate in the MESA College Prep program through a process that involves teacher recommendations at participating schools leading MESA class periods or afterschool programs with the support of UCSB MESA personnel. Main components of the MESA College Prep program 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 2019-20, the UCSB MESA College Prep program served a total of 19 school sites in seven districts reaching 611 students in Santa Barbara and Ventura Counties.

MESA UNIVERSITY PROGRAM (MUP) is a retention and graduation support program for educationally disadvantaged undergraduate students to attain baccalaureate degrees in engineering, math, science or computer science. The MESA University Program focuses on academics, leadership preparation, and collaborative problem-solving training to produce highly skilled graduates who meet industry's technology workforce needs and who help drive the state's economy. The MESA University Program 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 MESA University Program 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 MESA University Program include: academic excellence workshops, orientation sessions for freshmen and transfers, study skills, research and undergraduate support programs, career advising, connections to professional organizations, professional development workshops, and partial funding that includes internships, and scholarship opportunities. The UCSB MESA University program served 105 undergraduates during the 2019-20 AY despite the state's budget cutbacks. The MESA University Programs receive the majority of funds from their host institutions and additional support from local industry partners.

DESTINATION COLLEGE ADVISING CORPS PROGRAM's mission is to increase the college going and completion rates for low-income, first-generation college, and underrepresented students. Our DCAC and MESA programs work closely to ensure students are best prepared to apply to and succeed in college post high school achieves its mission by providing students and families with college preparation workshops and one-on-one advising opportunities. Students are connected with a highly trained, first-generation, recent college graduate who is placed at their school site full-time as a DCAC College Adviser. DCAC College Advisers are part of a fellowship program, which can last a maximum of two years and aims to train and prepare them to be leaders in the education field. DCAC College Advisers work with a cohort of 9th-12th grade students and all seniors at their assigned school site. Students receive the following types of support in the program: intensive academic advising and college planning, development and review of an individualized academic plan (IAP) utilizing the UC Office of the President's Transcript Evaluation Service (TES), financial aid and scholarship application assistance, college application assistance, student leadership development, college campus visits, and ACT/SAT registration assistance. The UCSB DCAC program is currently at five high schools in three districts between Santa Barbara and Ventura counties. Last year, the UCSB DCAC program served over 2,000 seniors and 461 cohort students.

Highlights and Achievements:

The Mathematics, Engineering, Science Achievement (MESA) Center at UCSB directs two MESA Programs: the pre-college MESA College Prep Program and the UCSB undergraduate MESA University Program. At UCSB, these two MESA programs and their ancillary projects and affiliations are closely aligned and are actively involved in K-12 outreach. There has been a long-standing effort at UCSB to prepare and motivate pre-college students for STEM studies and to retain and continue supporting them through the baccalaureate degree and on to graduate studies or careers. Strong ties continue between the MESA University Program and student organizations, Los Ingenieros and NSBE, who emphasize outreach to K-12 students and the development of cohorts from the MESA College Prep program to the MESA University Program. 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.

UCSB MESA celebrated its tenth year under the Office of Education Partnerships (OEP), as the official program partner and administrative unit. The MESA program is run under the guidance of the OEP K-12 Programs Director and MESA and DCAC Director, Dr. Micaela Morgan. Dr. Glenn Beltz, Associate Dean for Engineering Undergraduate Programs, continues to provide programmatic oversight and assistance as MESA's and DCAC's Principal Investigator. Dr. Beltz also works 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. Working in this education milieu that is focused on college readiness for first-generation college, low-income, and underrepresented students, MESA and DCAC's affiliation with OEP, increases the opportunities to share information, resources and staff support (e.g., support from an Evaluation Coordinator and Professional Development & Curriculum Coordinator, and collaboration with OEP Coordinators).

Additional highlights for the UCSB MESA and DCAC Programs in the 2019-20 AY include, but are not limited to:

- Individualized Academic Plan (IAP) for all 8th -12th students.
- Monitor student's A-G (UC and CSU) eligibility with the Transcript Evaluation Service (TES) available in all our MESA high schools.
- Hosted three K-12 school visits, which served over 1,000 students, for schools in the Guadalupe, Santa Maria, and Lompoc areas.
- Over 200 UCSB undergraduates and UCSB MESA/LI/NSBE/SACNAS students helped plan, organize, fund, run, volunteer and mentor students at the 2020 Destination College! Science and Technology MESA Day on February 29, 2020.
- Developed new computer science MESA competitions for middle and high school students.
- Added and improved various academic and professional preparation events for our MESA University program students.
- The DCAC program led 2,270 one-on-one advising sessions, supported 1,237 seniors with ACT/SAT registrations, assisted with 5,117 college application submissions, and ensured 1,461 FAFSA or Dream Act applications were completed.

MESA & DCAC College Prep Related Events:

- UCSB OEP hosted its 21st Annual Destination College! Science and Technology MESA Day (February 29, 2020) in collaboration with the Office of Education Partnerships; DCAC Program; 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 and DCAC students participated in STEM workshops and MESA Day competitions. MESA Day is a major campus academic preparation and STEM education event for our target pre-college student population and for over 200 UCSB students (MESA, Los Ingenieros, NSBE,

SACNAS, oSTEM and other student groups). This past year, we added two new workshops: “Research Experiences for High School Students” and “What is College Research?” where we had various campus entities and undergraduates show students how to apply for research opportunities and what research looks like. In addition, our MESA/Los Ingenieros (SHPE) undergraduate students obtained additional funding to do food security workshops. With that funding, we were able to provide each student and parent with a reusable lunch bag that contained some snacks and a pamphlet (in Spanish and English) on food security resources at community colleges, CSUs and UCs. Faculty, administrators, alumni, community, industry, and community college partners (Ventura and Santa Barbara MCCPs, plus Oxnard College STEM Center) were involved and helped advance MESA as a vital college-promoting STEM program for students and families. This year, UCSB MESA, Los Ingenieros (SHPE/MAES) and NSBE students, solicited over \$20,000 to help cover transportation, food, campus expenses, and supplies for UCSB MESA Days.

- We hosted our first all-day MESA Advisor Training & Orientation/Start-of-Year meeting in fall of 2019. This training provided a platform to let Advisors who attended the SMART training to showcase what they learned and allowed the Advisors who could not attend SMART, a chance to get hands-on experience with the competitions.
- In 2019-20, the UCSB DCAC program was brought on as a MESA College Prep program enhancement. This program allowed MESA students at the five high schools we started with to have access to a personal DCAC College Adviser who works full-time at their school site. We saw increased enrollment numbers at MESA/DCAC sites, good student participation, and MESA outcomes reached.
- Finally, with COVID-19 affecting most of our 2020 spring semester with school closures and stay-in-place orders, we quickly started developing virtual advising and programming. Our MESA Coordinators and DCAC College Advisers started hosting drop-in parent Zoom meetings, workshops and 1-on-1 advising sessions. We also enhanced our social media presence by texting and emailing parents and students with a much higher frequency.

MESA University Related Events:

- We hosted the UCSB STEM Welcome on September 27, 2019 for all incoming transfer and freshman students where they were able to partake in a resource fair, have a STEM building tour with grad students, and began to develop relationships with their peers.
- MESA University program students attended the MESA Student Leadership Conference on October 25-26, 2019 where they were able to network with peers and industry professionals as well as gain valuable skills to land a job or internship.
- We hosted the MESA Professional Academy for Student Success (PASS) on October 12, 2019, which was done jointly with MESA community college programs in the local area. The event had industry professionals who hosted workshops on networking, resume development, developing negotiating skills and mock interviews.

- Webinars were created and hosted to provide students with best practices for studying and learning remotely. We also hosted a virtual awards and recognition banquet on 5/30/20 to acknowledge graduating seniors and their achievements.

Student Participation:

The MESA Engineering Program (MEP) supports two UCSB student organizations – Los Ingenieros (LI) and the National Society of Black Engineers (NSBE). Los Ingenieros (LI) is the UCSB Student Chapter of the Society of Hispanic Professional Engineers (SHPE) and is closely affiliated with UCSB’s MESA Engineering Program that is advised by the UCSB MESA Director and MESA Program Coordinator, Enrique Guzman. With an exceptionally active and well-organized membership, LI has been highly respected at UCSB, within the UC system and the SHPE national arena. LI has won UCSB’s Outstanding Student Organization of the Year four times in the past decade. They also won an award by SHPE national for being an “Outstanding Small Chapter.” LI’s activities and events for the 2019-20 academic year included: monthly officer and general body meetings, organized study sessions, leadership conferences (MAES, SHPE and RLDC), holiday dinner and networking opportunities, career workshops, officer leadership retreats, industry tours, and end of year awards banquet and officer installation in conjunction with NSBE and MEP. LI’s biggest activity of the year was the organization’s active planning and hosting with MESA, NSBE and SACNAS for the annual Science and Technology MESA Day, as referenced above. National Society of Black Engineers (NSBE) consists of Black students who are pursuing majors in the STEM fields. NSBE grew quite a bit during the 2018-19 AY. NSBE plays a large role in Science and Technology MESA Day as well as planning the awards banquet and officer installation end of the year events. Other activities include on-going study and tutoring sessions, general body meetings, officer retreats, career workshops, leadership conferences, national conference and career fairs, academic decathlons, outreach to young Black students, and a student-faculty mixer activity. For all MESA students, the MESA Center held the 3rd Annual Professional Academy for Student Success (PASS) event on October 12, 2019 and brought students to the CA MESA Student Leadership Conference on October 25 & 26, 2019.

UCSB Faculty Participants:

Prof. Glenn Beltz
Dr. Joe Chadda
Prof. Suzanna Scott

Non-UCSB Faculty Participants/Collaborators:

Michael Hogarth (UC Davis)

MESA Advisory Board:

Thomas Ahn (UCOP)
Susannah Scott (UCSB College of Engineering)

Virginia Estrella (SBCC MESA Program)
Eugene Covington (Amazon Synchrony Financial)
Sheri Strong (Lockheed Martin)
Jason Lin (Northrop Grumman)
Daniel Hormaza (Xerox)
Martin Enriquez (Hewlett Packard)
Armando Veloz Sr. (Moog Space and Defense)
Sheila Ashley-Cook (Raytheon)
Ryan Calloway (Raytheon)
Suzie Digilio (Qualcomm)
Alex Hunter (Intel)
Diego Rey Sr. (Y Combinator)
Ricky Alamillo Sr., (Apeel Sciences)
David Segura (Boeing Satellite Systems)
Juan Avila (Boeing Satellite Systems)
Julio Grapa (Procter & Gamble)
Edward Reyes (Micron Technology)
John Puglisi (Rio School District)
Oscar Hernandez (Rio School District)
Edith Martinez-Cortes (Rio School District)
Cary Matsuoka (Santa Barbara Unified School District)
Shawn Carey (Santa Barbara Unified School District)
Patricia Madrigal (Santa Barbara Unified School District)
Sharyn Main (Santa Barbara Foundation)
Chelsea Duffy (Partners in Education)
Joanna Romo, Director (Cal-SOAP)
Marcela Areyano (UCSB College of Engineering)
Simone Stewart (UCSB College of Engineering)
Rosalia Zarate (Stanford Center for Education Policy Analysis)

HSI Regional Alliance Partners:

Paloma Vargas (Cal Lutheran)
Marcella Klein Williams (Oxnard College)
Phil Hampton (CSU Channel Island)
Araceli Espinoza-Wade (CSU Channel Island)
Katie Pierce (Oxnard College)
Eliseo Gonzalez (Oxnard College)
Dan Kumpf (Ventura College)
Jens Khun (SBCC)
Virginia Estrella (SBCC)
Adolfo Corral (SBCC)
Christine Reed (Allan Hancock College)
Angelica Eulloqui (Allan Hancock College)

Opening New Doors to Accelerating Success (ONDAS)

PI: Barbara Walker

Director: Malaphone Phommasa

Mission Statement and Goals:

The University of California – Santa Barbara, is a public, Hispanic-Serving, four-year degree granting institution that serves over 20,000 students. The service area includes high percentages of Hispanic populations and UCSB’s student demographics are beginning to reflect this, with a 26% Hispanic population, 70% of students who receive financial aid, and 39% who are first-generation. This is a departure from the past, when UCSB students were more often from affluent families. To meet the unique needs of the institution’s increasingly diverse and high need students, UCSB is proposing to develop ONDAS (Opening New Doors to Accelerating Success), a Title V activity that will help to eliminate many challenges identified at UCSB, including high probation rates in specific majors, lack of supportive services for students in targeted courses, lower GPA, first year retention, and completion rates for under-represented students, little training in alternative delivery methods for faculty, and student learning data that is collected from different systems that is not appropriately analyzed. These problems – identified through a self-study and through a review of several related documents – will be addressed through new support activities that will enable UCSB to increase services to high need students. The project will produce clear outcomes, addressed through three components: Component 1: First-Year Experiences; Component 2: Student Learning Analytics; and Component 3: Faculty Development.

Research Highlights

This Department of Education grant funded the operations of the ONDAS Student Center and related student success and faculty professional development initiatives at UCSB. Evaluation and research was conducted on a comparison of academic outcomes of students served at the Center and the effects of the professional development programs on faculty teaching capacity.

UCSB McNair Scholars Program

Director: Beth Schneider

Assistant Director: Yvette Martinez-Vu

Program Coordinator: Marcus Mathis

McNair Scholars Program Mission and Goals

The primary goal of the UCSB McNair Scholars Program is to promote entrance into doctoral studies for first-generation, low-income undergraduates and/or students under-represented in graduate study. The program is open for students in all majors on the UCSB campus. Students in the McNair Scholars program 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. In 2018-2019 (through Summer 2019), students in the program majored in the following areas: Anthropology, Art History Biology, Biochemistry, Black Studies, Chemistry, Chicana and Chicano Studies, Communication, Earth Science, Economics, English, Environmental Science, Geography, Global Studies, History, Linguistics, Mathematics, Music, Physics, Political Science, Psychology, Religious Studies, Sociology, and Spanish.

The UCSB McNair Scholars Program is funded through a five-year grant from the U.S. Department of Education with campus commitments from the offices of the Executive Vice Chancellor and the Letters of Sciences Deans. Consistent with the standard objectives required by the Department of Education, for the recipients of the McNair Scholarships, the UCSB-specific goals, 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 forums; 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 and Achievements:

Applications to and Attendance in Graduate Programs: The UCSB McNair Scholars Program has been remarkably successful in preparing low income and first-generation undergraduates for graduate school and for their enrollment in graduate programs after graduation. In academic year 2019-2020, seniors were admitted to graduate programs and will begin attendance at these schools in Fall 2020. Three are attending

post-baccalaureate or master's programs at the University of North Carolina, UC-San Diego, and CSU-Long Beach. The doctoral program attendees will be at the following: one each at Brown University; University of Connecticut; Dartmouth University; University of Maryland; University of North Carolina; Princeton University; Rutgers University; UCLA; and two at UC-Irvine.

UCSB McNair Scholars Research Journal: The 10th volume of the UCSB McNair Scholars Research Journal was published in Spring quarter 2020. It contains the work of seven graduating seniors that 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 another summer 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. All the McNair Scholars participated in the UCSB 2019 Summer Colloquium Series. Also, in summer 2019, four Scholars attended summer research programs away from the UCSB campus (Harvard, Michigan State University, University of Houston, University of Washington). In summer 2020, four Scholars attended non-McNair research programs (Rutgers Research Intensive Summer Experience; UCSB-HBCU Scholars in Linguistics Program; Williams College SMALL Undergraduate Research Program; UC-San Diego Scripps Undergraduate Research Fellowship Program).

Program Events:

Seventeen summer participants attended the UCLA National McNair Conference in August 2019 and presented their research. This year, the program was affected by the COVID-19 pandemic. Typically, the McNair Scholars Program scholars participate yearly in several campus-wide events. This year in Spring and Summer 2020, the End-of-Year graduation ceremony was held remotely, and oral presentations based on research in progress will be offered virtually in August.

In conjunction with the staff of ONDAS and funding from the L+S summer cultural enrichment program and the Graduate Division, the McNair staff offered an event for undergraduate and graduate first-generation students, Thriving, Not Surviving. This program, attended by approximately 125 students, was intended to enhance the retention of these students in their university careers. In addition to a separate session for graduate students only, the program included a panel and a speed mentoring session.

UCSB Faculty Participants

Faculty members who served as mentors to UCSB undergraduates in McNair during academic year 2019-2020 or who began working with students during summer 2020 include:

Kelly Bedard (Economics); Silvia Bermudez (Spanish); Joseph Blankholm (Religious Studies); Cherrie Briggs (Biology); Douglas Eardley (Physics); San Juanita Garcia (Chicana/Chicano Studies); Songi Han (Physics); Barbara Harthorn (Anthropology); Joseph Incandela (Physics); Skirmantas Janusonis (Psychological and Brain Sciences); Jennifer Kam (Communication); Ed Keller (Earth Science); Armand Kuris (Biology); Hunter Lenihan (Environmental Studies); Michael Ludkovski (Actuarial Science); Zakiya Luna (Sociology); Shelly Lundberg (Economics); Zach Ma (Biology); Brenda Major (Psychological and Brain Sciences); Chris McAuley (Black Studies); Rebeca Mireles-Rios (Education); Andrew Plantinga (Environmental Studies); William Robinson (Sociology); Heather Royer (Economics); Roberta Rudnick (Earth Science); Paul Spikard (History); Sebastian Streichan (Physics); Roberto Strongman (Black Studies); David Valentine (Earth Science); Emanuel Vespa (Economics); Terrance Wooten (Black Studies); Hongbo Yu (Psychological and Brain Sciences); Xiaowei Zheng (History); Frank Zok (Materials).

UCSB Graduate Participants

Iliana Flores (Counseling, Clinical, and School Psychology); graduate student mentor
Christopher Morales (Religious Studies); writing specialist
Maddie Nolan (Ecology, Evolution and Marine Biology); graduate student mentor
Amaru Tejada (Film and Media Studies); graduate student mentor

UCSB Undergraduate Participants

Xochitl Briseno
Zheng Chen
Marco Colin
Jose Delgado
Zoey Eddy
Jordan Fobbs
Alyssa Frick-Jenkins
Jordyn Fuggins
Brian Galaviz-Sarmiento
Kevin Garcia
Isaias Ghezae
Sebastian Gonzalez
Rosalia Hernandez
Juanita Iheanacho
William Lao
Emily Lopez
Fidel Lopez
Jacqueline Lopez
Nicole Mendoza
Jordan Mitchell
Gilbert Murillo

Simran Naur
Faye Nguyen
Bryant Pahl
Wren Palmer
Yanelyn Perez
Luna Perez-Vega
Brandon Quintana
Carolina Ramirez Moreno
Ryan Rising
Julia Rosales
Diana Sanchez
Nardos Shiferaw
Zion Solomon
Abraham Soto
Raymond Thicklin
Veronica Torres
Jacqueline Valenzuela



2019-2020

Awards Administered

**Awards Administered
July 1, 2019 - June 30, 2020**

ADLER-KASSNER, LINDA, Principal Investigator

KIM, LINA, Co-Principal Investigator

Jack Kent Cooke Foundation Young Scholars in SERA at UCSB

Jack Kent Cooke Foundation

SB190157 / UCSB 20190917

02/21/19 – 09/30/19

\$123,634

The Summer Research Academies (SRA) partners with the Jack Kent Cooke Foundation to admit around 20 Young Scholars to the program. SRA is a 4-week summer program that introduces qualified high school students to the research enterprise through project-based, directed research in STEM-, humanities, and social sciences fields. Students will take a 4-unit university course where they choose and develop a research topic specific to the track they select, under the direction of an instructor who is conducting active research in that field. In addition to the academic benefits, students will gain professional skills by presenting their research findings in a capstone seminar at the end of the program, networking with peers, and experiencing university life in a challenging environment.

AFIFI, TAMARA, Principal Investigator

COLLINS, NANCY, Co-Principal Investigator

Testing the feasibility of Rendeever with older adults with cognitive impairments and their adult children

Rendeever

SB200061 / UCSB 20190810

09/01/19 – 08/31/21

\$69,107

Alzheimer's disease affects approximately 5.4 million Americans (NIA, 2017) and by 2050, this number is expected to more than double to 13.8 million. Until cures for the dementias are discovered, new technologies are imperative that can help reduce the emotional burden of AD/ADRD (Goal C of NIA's strategic plan). In this STTR (Small Business Technology Transfer) Phase I study, we test the feasibility and technological merit of a new virtual reality (VR) platform, Rendeever, with residents with mild cognitive impairments (MCI) and mild to moderate Alzheimer's disease (AD) and Alzheimer's disease-related-dementias (ADRD) and their adult children who live at a distance. The aims are to evaluate (1) the acceptability, engagement, and usability challenges of Rendeever with this population, and (2) level of cognitive impairment (MCI, mild to moderate AD/ADRD) for which Rendeever is best suited. Rendeever enables older adults in residential care communities to maintain important family relationships, engage fully with life, and reconnect with their past. Virtual reality has been used successfully with older adults with dementia to enhance cognition and other processes like mobility, balance, spatial orientation, and exercise. Little VR technology, to our knowledge, has been tested with older adults as a way to enhance their social relationships, primarily because VR platforms typically lack sophisticated networking abilities. Rendeever is highly innovative in that it is the only product on the market that incorporates live streaming and networking

technology through one VR platform that allows everyone on the network to experience the same content at the same time, regardless of location. Preliminary testing of Rendever among residents without cognitive impairments shows that it increases positive emotions, energy, social well-being, and physical/mental health. However, the feasibility of Rendever with residents with dementia, as well as its remote capabilities with family members, have never been tested. Thus, this pilot study tests the feasibility of two components of Rendever—virtual travel into the past (e.g., traveling to one’s childhood home and familiar locations) and virtual family picture worlds—across three time points with 20 residents with MCI and 20 residents with mild to moderate AD/ABD and their adult children who live at a distance. Phase I will be successful when we effectively adapt the technology to the participants through continuous feedback provided by interviews, self-report measures (e.g., user satisfaction, engagement, affect, enjoyment), and human and computerized coding of affect and engagement throughout the pilot testing. The end product is a networked, portable VR platform of travel adventures and virtual family photos that residents and their family members can experience together and that can then be tested in a Phase II, multi-site clinical trial. Rendever has the potential to improve the quality of life of older adults and their family members, enhance residential care communities, and revolutionize existing thoughts on aging.

ALAGONA, PETER, Principal Investigator

Belmont Forum Collaborative Research: Towards Convivial Conservation: Governing Human-Wildlife Interactions in the Anthropocene (CON-VIVA)

National Science Foundation

1844513/UCSB20180349	12/01/18 – 11/30/19	\$156,687
1844513/UCSB20201456	03/01/19 – 02/28/22	\$ 57,064

In 1850, there were an estimated 10,000 grizzly bears (*Ursus arctos*) in California. Grizzlies became extinct in the state by the mid-1920s, yet the species remains California’s official mascot. In 2014, the Center for Biological Diversity (CBD), a non-governmental organization, petitioned the U.S. Fish and Wildlife Service to list grizzlies in California and the South-western United States as endangered and launch a reintroduction program.

The Service declined the CBD proposal, in part due to its lack of sound science. In 2016, a multidisciplinary team comprised of around two-dozen faculty, fellows, and students from the University of California, Santa Barbara, responded to public interest and this dearth of information by launching the first comprehensive study since 1955 on the past, present, and potential future of grizzlies in California. The goal of this work is to determine what it will take – ecologically, politically, legally, economically, etc – to recover this flagship species. CONVIVA will build on the pioneering grizzly recovery efforts already underway, while filling a crucial research gap by conducting community-based, participatory mapping, and other forms of social science field research in rural areas near proposed grizzly reintroduction sites.

The goals of this work will be to better understand the attitudes, values and beliefs of residents in these areas, to identify the political and economic concerns that shape these

communities' willingness to support predator reintroduction efforts, and to identify spatial opportunities for convivial carnivore conservation in a state with 40 million people.

ALDANA, GERARDO, Principal Investigator

Yila Ch'enoob: UAV survey and preliminary explorations of cave spaces at Classic Maya La Milpa, Belize

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS20AG

07/01/18 – 06/30/20

\$4,000

Ground penetrating radar (GPR) is not a new technology, but within the last decade, it has found new application in Archaeology. Mobile GPR units emit electromagnetic waves via an antenna, and then detect the reflected waves with varying depth capability depending on the frequency of the wave and the ground it is directed into. At the extremes, GPR units can generate profiles at depths from centimeters to tens of meters. Similarly, unmanned aerial vehicles (UAVs or multirotor “drones”) have found new application in Archaeology primarily for aerial photography. Outside of Archaeology, though, UAVs have been adapted to carry different types of instrumentation; one of the most innovative applications has been the equipping of UAVs with GPR to provide a safe option for detecting land mines. The proposed project aims to take advantage of these developments to construct a UAV equipped with GPR in order to support excavations in Belize designed to address a longstanding question in Mayan archaeology: the indigenous purpose of “chultuns.”

ANDERSON, KEVIN, Principal Investigator

Mapping the Late Marx: On Colonialism, Gender, Development, and Multilinear Concepts of Revolution

American Council of Learned Societies

SB190236 / UCSB 20191087

01/01/2020 – 12/31/2020

\$70,000

Marx's Late Writings take up a range of issues that go beyond capital and class in a Western European or North American context. In research notebooks, letters, and brief essays during the years 1869-83, but especially after 1878, Marx turns his attention to colonialism, the Global South, agrarian Russia, indigenous societies, and gender. These writings, some of them still unpublished, evidence a change of perspective from his often problematic 1853 ones on colonialism. The Late Marx has garnered considerable attention in recent years from scholars in the social sciences and the humanities. To date, however, no monograph devoted to this period of his work has appeared. This project will fill that gap and offer a substantially new interpretation of Marx and of his significance for today.

ANDERSON, SARAH, Principal Investigator

MILDENBERGER, MATTO, Co-Principal Investigator

The UCSB Environmental Values and Opinion Panel

UCSB Academic Senate

MMACAD

07/01/16 – 06/30/20

\$10,000

This project was a pilot of new survey techniques to support the development of a long-term UCSB Environmental Politics Panel. These new techniques involve researcher-controlled sampling from the voter file, mail-based survey invitations, and automated gift card deployment to survey respondents in an effort to manage panel attrition.

ARENAS VELAZQUEZ, ERIKA, Principal Investigator

The Role of Documentation Status on Mental Health: Evidence using Representative Longitudinal Data

UC Mexus

CN-17-171 / UCSB 20171074

07/01/20 – 06/30/20

\$15,762

This project will investigate the impact of undocumented status on mental health, using representative data of Mexican immigrants. We will investigate (1) the impact of undocumented migration on mental health and self-perception of health, and (2) if living in a “sanctuary state” (i.e. California) vs. a “non-sanctuary state” (i.e. Texas) makes a difference in terms of mental health. We will collect a fourth wave of data from a subsample (N=600) of the Mexican Family Life Survey, a representative panel study. These data will generate unique opportunities to examine this topic because it allows (1) comparisons between documented and undocumented migrants, (2) controlling for health status prior to migration, and (3) comparing immigrants currently living in the U.S. with returned migrants. Our goal is to contribute to the discussion about how different policies across states may alter immigrant’s well-being.

ARENAS VELAZQUEZ, ERIKA, Principal Investigator

Feasibility of Tracing And Re-Interviewing Immigrant Respondents of A Population Based Longitudinal Survey After 10 Years

Russell Sage Foundation

1912-20086 / UCSB 20200758

01/01/20 – 05/31/21

\$20,667

The feasibility study will be conducted in California, where 30% of MxFLS panel respondents currently reside in the United States. The main objective of the study will be to find and re-interview between 25 to 30 panel respondents living in California and inquire about their current legal status, in addition to collect general socio-demographic and labor market information. The study was planned to be conducted in three stages:

- Stage 1: Elaboration of directories with respondent’s addresses.
- Stage 2: Data collection.
- Stage 3: Writing final report.

BARANDIARAN, JAVIERA, Principal Investigator

DAMLUJI, MONA, Co-Principal Investigator

MIESCHER, STEPHAN, Co-Principal Investigator

PELLOW, DAVID, Co-Principal Investigator

WALKER, JANET, Co-Principal Investigator

Energy Justice in Global Perspective

Andrew W. Mellon Foundation

31700612/UCSB 20171134

10/03/1 – 06/30/20

\$225,000

This Sawyer Seminar developed new critical and creative research practices in energy justice by building on emergent work in the humanities and interpretive social sciences, and concentrating on various forms of energy and on some of the places where the problems and possibilities of energy justice are most pressing. Our seminar expanded on foundational examinations of energy, society, and culture by proceeding from the conviction that movements, practices, and debates among indigenous communities worldwide and societies of the Global South are central and not auxiliary to understanding humanity's deep embroilment with carbon-based energy. We foregrounded modes of knowledge production, expertise, cultural production, and advocacy from these communities and societies while at the same time redoubling the commitment of energy humanities scholarship to participatory, distributive, epistemic, and recognition justice. We engaged vital questions of how to reconcile and learn from energy histories and narratives beyond those in the mainstream of society and culture, and, moreover, how to intervene in and plan new energy futures.

BARANDIARAN, JAVIERA, Principal Investigator

The Lithium Trade in the Andes

National Science Foundation

1921777/UCSB20190912

09/01/19 – 08/31/21

\$189,727

The proposed research will lead to a book provisionally titled, *Driving Development: The Lithium Trade in the Andes*, that examines lithium development since the 1960s in the United States, Chile, and Argentina—the world's largest and earliest lithium producers. The major goals include: (1) contribute new scholarly understanding to debates within the STS and development studies literatures on how natural resources, science, and technology are understood to produce positive development outcomes; (2) disseminate findings at professional conferences, connecting with scholars across disciplines including STS, History, and Global Studies; (3) publish findings of interest to scholars working in STS across various disciplines and to broader publics, including the general public and practitioners working in fields like non-fossil fuel energy development, global trade and development, and environmental justice.

BATOR, MELISSA, Principal Investigator

NOWAK, JOANNE, Co-Principal Investigator

Funding from the Office of Diversity, Equity, and Inclusion for the Sustainable Technology Repair Initiative

UCSB Department

BMSTRI

07/01/19 – 06/30/20

\$7,000

Funding from the Office of Diversity, Equity, and Inclusion in support of the Sustainable Technology Repair Initiative (STRI). STRI aims to provide the UCSB community with an affordable, accessible, and environmentally sustainable technological repair resource to reduce digital inequality and e-waste. To this end, we will work to empower students to increase their sense of confidence and ownership over their technological devices.

BEDARD, KELLY, Principal Investigator

LUNDBERG, SHELLY, Co-Principal Investigator

Encouraging Women to Consider an Economics Major

National Bureau of Economic Research, Inc.

SB160048/UCSB 20160352

10/01/15 – 06/30/20

\$12,500

Our preliminary analysis of enrollment patterns at the UC Santa Barbara suggests that the first, and likely primary, leakage point where we lose female students occurs between the first principles course (microeconomics) and the second principles course (macroeconomics). Our objective is therefore to explore the extent to which positive departmental feedback about performance after the first principles course changes the propensity of men and women to continue on the second principles course and ultimately to major status. More specifically, does reinforcing with students that they scored well in Economics 1 and asking if they have ever considered economics as a major increase enrollment in Economics 2, 3A, 3B, and 10A? And, does it ultimately increase the probability that a student chooses one of the economics majors? We are particularly interested in whether or not this intervention (or “nudge”) is differentially effective for men or women.

BELTZ, GLENN, Principal Investigator

CASTELLANOS, MARIO, Co-Principal Investigator

UCSB 2019-2020 MESA University Program

UC MESA

17-MEP-09/UCSB 20200188

07/01/19 – 06/30/20

\$10,000

The MUP is a retention and graduation support program for educationally disadvantaged undergraduate students to attain baccalaureate degrees in engineering, math, science or computer science. The MESA University Program focuses on academics, leadership preparation, and collaborative problem-solving training to produce highly skilled graduates who meet industry’s technology workforce needs and who help drive the state’s economy. The MESA University Program 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.

BELTZ, GLENN, Principal Investigator

CASTELLANOS, MARIO, Co-Principal Investigator

UCSB 2019-2020 MESA College Prep Program

UC MESA

17-MSP-17/UCSB 20191339 07/01/19 – 06/30/21 \$180,000

MCP assists pre-college students at middle and senior high schools so they excel in math, engineering, and science so they become competitively eligible for the most rigorous colleges and universities. The MESA College Prep program partners with teachers, administrators, school district officials and industry representatives to provide a comprehensive and robust academic enrichment model. Students are selected to participate in the MESA College Prep program through a process that involves teacher recommendations at participating schools leading MESA class periods or afterschool programs with the support of UCSB MESA personnel. Main components of the MESA College Prep program 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.

BELTZ, GLENN, Principal Investigator

CASTELLANOS, MARIO, Co-Principal Investigator

Destination College Advising Corps (DCAC) – The National CAC program at UCSB Office of Education Partnerships (OEP) Utilizing the UC Berkeley DCAC Model
College Advising Corps

2020CAC-UCSB04/UCSB20200424 07/01/19 – 06/30/20 \$166,221

The Destination College Advising Corps (DCAC) program’s mission is to increase the college going and completion rates for low-income, first-generation college, and underrepresented students. Our DCAC and MESA programs work closely to ensure students are best prepared to apply to and succeed in college post high school graduation.

BLACKWELL, AARON, Principal Investigator

KOSIK, KENNETH, Co-Principal Investigator

Behavioral Flexibility in an Invasive Species: Functions, Mechanisms, Invasion Ecology, and Genetics

Max Planck Institute for Evolutionary Anthropology

SB180025/UCSB 20171531 10/01/17 – 04/01/20 \$239,972

Human-modified environments are increasing, causing global changes that other species must adapt to or suffer from. Species vary in their ability to cope with novel environments. Therefore one of the top priorities for how behavioral research can maximize conservation progress is to determine which behaviors can predict the ability to cope with climate change. Behavioral flexibility could be key: animals interact with their environment through behavior, making it crucial to an ecologically valid understanding of invasion ecology. Species that rapidly adapt to novelty are presumed to require the ability to behaviorally respond to changing circumstances within their lifetime. Despite the potential causal role of flexibility in invasions, few studies have directly measured flexibility to understand how it relates to invasion success, and none at a broad scale. No studies have investigated the phenotypic correlates of flexibility (e.g., immunity), or whether it is associated with fitness or increases toward the invasion front. This project aims to identify

the functions and mechanisms of behavioral flexibility (i.e., the ability to rapidly adapt behavior to changes through learning) to understand its role in invasion success and to develop predictions with implications for conservation, invasion ecology, and behavior. By investigating an invasive bird, the great-tailed grackle, we aim to determine whether flexibility 1) is independent of or linked with cognition, temperament, and phenotypic variables; 2) is associated with fitness; 3) increases toward the range edge; and 4) relates to invasion ecology by generating a predictive framework. This project will significantly advance our understanding of what promotes or constrains flexibility, linking behavior to physiology and ecology through novel interdisciplinary approaches.

BLACKWELL, AARON, Principal Investigator

Behavioral Flexibility in an Invasive Species: Functions, Mechanisms, Invasion Ecology, and Genetics

Max Planck Institute for Evolutionary Anthropology

SB180025/UCSB 20171531

10/01/17 – 09/30/19

\$260,000

Human-modified environments are increasing, causing global changes that other species must adapt to or suffer from. Species vary in their ability to cope with novel environments. Therefore one of the top priorities for how behavioral research can maximize conservation progress is to determine which behaviors can predict the ability to cope with climate change. Behavioral flexibility could be key: animals interact with their environment through behavior, making it crucial to an ecologically valid understanding of invasion ecology. Species that rapidly adapt to novelty are presumed to require the ability to behaviorally respond to changing circumstances within their lifetime. Despite the potential causal role of flexibility in invasions, few studies have directly measured flexibility to understand how it relates to invasion success, and none at a broad scale. No studies have investigated the phenotypic correlates of flexibility (e.g., immunity), or whether it is associated with fitness or increases toward the invasion front. This project aims to identify the functions and mechanisms of behavioral flexibility (i.e., the ability to rapidly adapt behavior to changes through learning) to understand its role in invasion success and to develop predictions with implications for conservation, invasion ecology, and behavior. By investigating an invasive bird, the great-tailed grackle, we aim to determine whether flexibility 1) is independent of or linked with cognition, temperament, and phenotypic variables; 2) is associated with fitness; 3) increases toward the range edge; and 4) relates to invasion ecology by generating a predictive framework. This project will significantly advance our understanding of what promotes or constrains flexibility, linking behavior to physiology and ecology through novel interdisciplinary approaches.

BODDY, AMY, Principal Investigator

Arizona Cancer and Evolution Center (ACE) Characterization of Elephant Tumor Evolution
Arizona State University – Tempe

ASUB10/UCSB20181120

04/12/18 – 03/31/20

\$164,600

Cancer has been an important selective pressure in organismal evolution and a great deal of variation in cancer rates exist across species. Why do species vary in their susceptibility

to cancer and what mechanisms are responsible? Life history theory (LHT) can provide a theoretical framework for why cancer rates vary. LHT is an evolutionary and ecological approach that focuses on organism-level tradeoffs between growth, maintenance and reproduction. Cancer suppression is one aspect of somatic maintenance, and our models have shown that LH factors can have dramatic effects on the optimal level of cancer suppression. In Aim 1, we propose to expand our LH models to include additional LH parameters to predict cancer mortality and somatic mutations rates across animals. We will validate this model with a highly curated dataset on cancer mortality rates from our collection of pathology reports. Additionally, we hypothesize that as organisms evolved larger bodies and longer lives, there was selection for increased cancer defenses. In Aim 2, we propose to test for the mechanisms of cancer defenses in mammals. Using a comparative genomics approach, we will test for signatures of selection, drift and mutation in tumor suppressor genes. In collaboration with Project 2, Aim 3, will experimentally validate the genomics findings in our comparative cell culture assays from primary fibroblasts. In Aim 3, we will connect the organismal evolution of cancer suppression (Aim 1) to cell level evolution (Projects 2 & 3) by creating computational model of the ecology and evolution of a neoplasm. Results from this model can predict the frequency of evo-eco tumor classifications.

BUCHOLTZ, MARY, Principal Investigator

Language in Latino Lives on California's Central Coast

UCSB Academic Senate

BMPECH

07/01/15 – 06/30/20

\$7,500

The project is a collaborative humanistic investigation of the rapidly changing linguistic practices of Latino communities on California’s Central Coast, a crucial issue given the deep cultural meaning and social impact of such practices. The project builds on an existing community partnership program at UCSB, School Kids Investigating Language in Life and Society (SKILLS), which fosters college preparation and research experience among first-generation college-bound Latino high school students in public schools and community programs in the Santa Barbara region. Teams of graduate students, assisted by undergraduates, will collaborate with high school students to conduct original research on language use and change in local Latino communities. In addition to academic venues, the research will be shared with the community through a series of innovative multilingual multimedia events at local libraries and schools, including youth research presentations, research slams, and research poster exhibits, all of which will also be documented online.

BUCHOLTZ, MARY, Principal Investigator

BAX, ANNA, Co-Principal Investigator

Doctoral Dissertation Research: Language shift, multilingualism, and Mixtec youth identities in the indigenous Oaxacalifornian diaspora

National Science Foundation

1851433/UCSB20190223

02/01/19 – 05/31/20

\$15,096

This project builds on three years of collaborative research and language maintenance efforts with the multilingual, diasporic community of indigenous Mixtec immigrants in Southern “Oaxacalifornia” (Kearney 1995). The project applies anthropological and sociocultural-linguistic (Bucholtz & Hall 2005, 2008) methods to understand the complex phenomenon of language shift in this community, with a specific focus on the stylistic resources (Coupland 2001; Eckert 2008, 2012), semiotic practices, and linguistic ideologies associated with what it means to sound Mixtec/indigenous in the California context, in which the Mixtec-speaking community is rapidly undergoing language shift toward Spanish and English. The research assumes a case-study model, focusing on three young women (ages 19-20) who strongly identify with their Mixtec heritage. The participants have different degrees of access to Mixtec linguistic resources: one is fully fluent, one can understand it but does not comfortably speak it, and one neither speaks nor understands it. Ethnographic interviewing, discourse analysis of naturalistic interactional data, and quantitative sociolinguistic methods will be used to explore how participants engage in the semiotic production of themselves as young Mixtec women, albeit with uneven and variable access to the Mixtec language. The analysis will center on how participants maintain distinctive Mixtec identities through multilingual speech practices, even those that do not include the Mixtec language itself.

BUCHOLTZ, MARY, Principal Investigator

BAX, ANNA, Co-Principal Investigator

Doctoral Dissertation Research: Language shift, multilingualism, and Mixtec youth identities in the indigenous Oaxacalifornian diaspora

National Science Foundation

1851433/UCSB20190223

02/01/19 – 05/31/20

\$15,096

This project builds on three years of collaborative research and language maintenance efforts with the multilingual, diasporic community of indigenous Mixtec immigrants in Southern “Oaxacalifornia” (Kearney 1995). The project applies anthropological and sociocultural-linguistic (Bucholtz & Hall 2005, 2008) methods to understand the complex phenomenon of language shift in this community, with a specific focus on the stylistic resources (Coupland 2001; Eckert 2008, 2012), semiotic practices, and linguistic ideologies associated with what it means to sound Mixtec/indigenous in the California context, in which the Mixtec-speaking community is rapidly undergoing language shift toward Spanish and English. The research assumes a case-study model, focusing on three young women (ages 19-20) who strongly identify with their Mixtec heritage. The participants have different degrees of access to Mixtec linguistic resources: one is fully fluent, one can understand it but does not comfortably speak it, and one neither speaks nor understands it. Ethnographic interviewing, discourse analysis of naturalistic interactional data, and quantitative sociolinguistic methods will be used to explore how participants engage in the semiotic production of themselves as young Mixtec women, albeit with uneven and variable access to the Mixtec language. The analysis will center on how participants maintain distinctive Mixtec identities through multilingual speech practices, even those that do not include the Mixtec language itself.

BUCHOLTZ, MARY, Principal Investigator
CHARITY-HUDLEY, ANNE, Co-Principal Investigator

UCSB Hurston-Turner Scholars in Linguistics

UC Office of the President

SB180004 / UCSB 20171088

08/15/17 – 06/30/21

\$294,661

Six undergraduates will be recruited from HBCUs and mentored each year. (Mentoring, training, and research activities begin in the winter quarter before the summer program begins and continue through the fall quarter after the summer program ends. Students will be recruited from three HBCUs with which the co-PI, Anne Charity Hudley, has longstanding professional and collaborative ties and which have strong commitments to undergraduate research: Norfolk State University, Virginia State University, and Virginia Union University. Given the small size of linguistics as a field, the inclusion of multiple partners helps ensure recruitment of the target number of six participants each year; the faculty collaborators were selected because of their leadership on their campuses in fostering undergraduate research. Since linguistics is not offered as a major at HBCUs, a central goal of the project is to raise students' awareness of and interest in linguistics as a direction for graduate study. The project involves four components: (1) intensive research experience; (2) preparatory coursework in linguistics; (3) professional development and resources; and (4) mentoring and social support.

BUNTAINE, MARK, Principal Investigator

Expanding the Reach of MERL

University of Notre Dame

202809UCSB/UCSB20160931

05/17/16 – 09/30/19

\$73,564

In this project, we partner with USAID missions to evaluate the long-term consequences of development programs. In the past year, we have engaged in preliminary research about the consequences of land tenure reforms in Peru for forest management. During December 2019 - January 2020, we conducted a scoping mission for a larger project with USAID Peru. Since that time, the COVID-19 pandemic has put the entire program on hold. We do not know if it will be possible to gain a cost extension to carry out the work that we had designed and planned with the mission.

BUNTAINE, MARK, Principal Investigator

Rewarding Good Governance Through Community Recognition

Global Integrity

SB190168/UCSB20190736

01/01/19 – 12/31/19

\$110,560

We theorize that fostering collective pride in good governance and providing positive recognition for local leaders who forego corruption will decrease corruption in a national park revenue-sharing program in western Uganda. We propose a randomized field experiment and linked ethnographic field study to test whether offering community recognition for the successful planning and implementation of revenue-sharing projects,

along with associated radio announcements and public ceremonies that praise good governance, will result in more equitable planning and better delivery of revenue-sharing projects. Our study thus departs from the dominant lines of research on corruption that focus on detection and punishment and instead asks how civic expectations can be realigned to counteract corruption. We compare outcomes in villages that receive positive recognition and/or are made experimentally eligible for positive recognition to those villages that do not receive or have eligibility for recognition.

BUNTAINE, MARK, Principal Investigator

Collaborative Research: An Experimental Test of the Impacts of Transparency by Government

National Science Foundation

1655459/UCSB 20170106

04/01/17 – 03/31/20

\$48,090

Citizen monitoring of the performance of government officials often fails because the information provided by citizens does not reach authorities who have the ability and responsibility to oversee and sanction wayward officials. Working with the Uganda Wildlife Authority, we attempted to overcome this common problem for a national park revenue-sharing program that is plagued by corruption and the misdirection of funds. In a field experiment, citizen monitoring was channeled to nationally-appointed officials who have specific responsibilities for oversight. In field audits, we find no evidence that monitoring improved the delivery of revenue-sharing projects or increased satisfaction with revenue sharing among residents. Follow-up interviews with officials indicate that the information from citizen monitoring was not used for oversight. It is not possible to use bottom-up monitoring to solve governance problems where institutions are well-suited for obfuscation, corruption, and blame shifting.

BUNTAINE, MARK, Principal Investigator

Non-Financial Motivation of Indian Extension Agents

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS20BU

07/01/18 – 06/30/20

\$8,113

We propose a randomized field experiment that will test whether non-financial motivational techniques can be used to improve the outreach of Indian agricultural extension agents to vulnerable farmers in India. Climate change and the variability that it brings threatens the security of hundred of millions of farmers worldwide. Agricultural extension agents are on the frontlines of this monumental challenge, but given limited public resources, morale can be low and effort to reach populations most in need of services are often limited. In other workplace and volunteer settings, non-financial motivational techniques have proven important for boosting effort and participation, but these findings have not been investigated in the public sector. Given the potential of this approach to scale due to relatively low-costs, we aim to provide formative evidence about the efficacy of motivational and values-based approaches to improving effort in the public sector. This project will serve as the foundation for a larger initiative by the research team

on using value- and norm-based approaches to boost motivation among public sector workers.

CAMPBELL, ERIC, Principal Investigator

BUCHOLTZ, MARY, Co-Principal Investigator

Maintaining Indigenous Languages within Immigrant Oaxacan Communities in the United States

National Science Foundation

1660355/UCSB 20170241

07/01/17 – 06/30/20

\$299,002

The project will bring together the scientific tools of language documentation, sociolinguistics, and linguistic anthropology to understand this complex linguistic situation. The project partner is a community organization that serves an indigenous immigrant community from Oaxaca, Mexico, now settled in Oxnard, California. The project has four interrelated goals: (1) to document the structure of local Mixtec languages by creating a grammatical description, a dictionary, and a collection of recorded speech; (2) to conduct a survey of the community status of Spanish, English, Mixtec, and other indigenous languages; (3) to document and analyze Spanish, English, and indigenous language and literacy practices through recordings of everyday interaction; and (4) to develop community multilingualism and multiliteracy resources. Participating graduate students, undergraduates, and high school students will receive training in anthropological and linguistic methods of data collection and analysis. The project advances language documentation and Mesoamerican linguistics by documenting and analyzing previously undescribed Mixtec languages. It also contributes to research on language contact. Moreover, the project advances linguistic anthropology and sociolinguistics by investigating speakers' attitudes and practices regarding the maintenance or loss of home languages. Finally, the project helps open up a new field of linguistic study of a growing national and global phenomenon, the resettlement of indigenous language communities through immigration.

CHARITY HUDLEY, ANNE, Co-Principal Investigator

BUCHOLTZ, MARY, Principal Investigator

REU Site: Talking College: Increasing African-American English Speakers in the Linguistic Sciences through Research on Language and Social Mobility

National Science Foundation

1757654/UCSB 20180257

04/15/18 – 03/31/21

\$306,916

This REU site is designed to increase diversity in the linguistic sciences by investigating the linguistic choices that African-Americans make as they navigate higher education. The research sheds light on the role of language in social mobility, an important but understudied aspect of educational and economic advancement. It therefore supports the prosperity of African-Americans, whose average income and educational levels are below those of the general population; in addition, some findings are likely to generalize to and thus benefit other American populations. The project fosters diversity in the linguistic sciences by involving undergraduates from Historically Black Colleges and Universities

(HBCUs), which do not offer linguistics as a major. The findings of the research benefit colleges and universities by providing information about the nature of the language and culture of African-American college students, which has direct implications for the teaching and mentoring of such students. In addition, the project makes scholarly contributions to linguistics, sociology, and education. REU participants conduct interviews with African-American students and gather samples of their academic writing and social media activity to create a public archive documenting the full range of African-American students' linguistic practices.

CHEN, JIA CHING, Principal Investigator

Grounding and Worlding Urban Infrastructures

The University of Manchester

SB190002/UCSB20181232

03/01/18 – 12/31/20

\$23,174

This project investigates the transnational relationships of finance, resource extraction and land enclosure with spatial planning, design and construction of satellite new towns, and urban and industrial infrastructure in Angola and China.

DUNBAR, NORAH, Principal Investigator

Enabling the Functional use of Powered Exoskeletons for Industrial Applications and

Understanding the Socioeconomic Consequences of Exoskeleton Technology Application

Virginia Polytechnic Institute State University

2018PR0883/UCSB20181415

09/15/18 – 08/31/23

\$250,011

The Covid-19 pandemic changed what we had intended to work on during this past year. Originally, we were supposed to travel to Virginia Tech to help the team there conduct experiments with users wearing the exoskeleton and conduct interviews about the user experiences. Instead, the Virginia Tech team conducted the interviews (prior to the Covid closures), sent us anonymized audio files, and we had them transcribed for analysis. They were not able to conduct the number of experiments they had hoped to conduct so we pivoted towards a qualitative analysis of those interviews. I worked with two graduate students, Gavin Kirkwood and Nan Wilkenfeld, to write papers on the impact of new technologies like the exoskeleton on the workplace and we have begun the coding of the transcripts in collaboration with the VT team. No human subjects research was conducted at UCSB.

DUNBAR, NORAH, Principal Investigator

METZGER, MIRIAM, Co-Principal Investigator

SCAN: Socio-Cultural Adversarial Networks

University of Maryland

37919-Z8424101/UCSB 20180260

06/13/16 – 12/12/19

\$561,655

The UCSB team worked closely with other teams to a) complete data collection, b) attend bi-weekly meetings, c) conduct data analysis, and d) write papers and presentations based on the results. Data collection occurred in Zambia, Fiji, and Hong Kong, our final sites. We

worked with the Arizona team to conduct analyses on the various data modalities (audio, video, and self-report surveys). We lead the analysis of the dominance and trust self-report data as well as the examination of the cultural variables. We presented our work at the National Communication Association meeting in November 2018, the Credibility and Screening Technologies Symposium at HICSS in January 2019, and have been working on publications for the co-edited volume from Springer and two special journal issues. We hold regular meetings with the Arizona and Rutgers teams to ensure comparability in our analyses. UCSB also hosted visitors from Fiji and Zambia.

ESPINOZA, MARIO, Principal Investigator

RIOS, VICTOR, Co-Principal Investigator

Methods of Advocacy: Making Health a Shared Value amongst HIV/AIDS Nonprofits and Immigrant Populations

Robert Wood Johnson Foundation

74825/UCSB 20180015

09/01/17 – 08/31/22

\$120,000

With the intention of diversifying the next generations of leaders and ensure equity in policies, Health Policy Research Scholars has selected a group of PhD students from across the country to be part of its second cohort. As one of 40 selected applicants, Mario Espinoza, Graduate Student, University of California, Santa Barbara will join a diverse group of scholars from across the country to collaboratively tackle persistent health challenges by creating innovative solutions through their research. The Health Policy Research Scholars program is led by George Washington University with support from the Robert Wood Johnson Foundation. As part of the program Espinoza will be working towards the goal of making HIV/AIDS healthcare more accessible to underserved communities.

FALASCA-ZAMPONI, SIMONETTA, Principal Investigator

An Ambiguous Past: Fascism, the Resistance and “Structures of Feeling” in Italy (1943-1945)

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS20FS

07/01/18 – 06/30/20

\$7,602

“An Ambiguous Past” focuses on the immediate years after the fall of the fascist regime. Drawing on personal diaries and correspondence written by ordinary citizens between 1943 and 1945, it assesses how Italians experienced their present and negotiated their past in those critical years. I ask: Beneath the official interpretations circulating at the time, what exactly did Italians feel and think about fascism as they witnessed the regime’s demise? Did the historical circumstances, including foreign occupation and a civil war, lead to a hurried, unreflective liquidation of the regime? Ultimately, can we draw on people’s experiences of this period to illuminate contemporary Italy’s ambiguous relationship to its fascist past?

FLANAGIN, ANDREW, Principal Investigator

The Role of Discrete Emotions in Online Information Seeking, Credibility Evaluation, and Sharing

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS20FA

07/01/18 – 06/30/20

\$4,000

Although several factors affect people's information seeking and credibility evaluations online, research has largely ignored the importance of individuals' psychological dispositions in such processes. Yet, the circumstances under which people seek and evaluate information are likely to have profound influences on its selection and assessment. The proposed project therefore considers the importance of one's state of mind in online information seeking and assessment by testing the notion that emotions serve as cognitive frames that bias people's perceptions, resulting in emotion-specific patterns of information-seeking, credibility assessment, and related behaviors. To explore the role of emotions we propose 3 interrelated experimental studies that examine whether (1) discrete emotions (i.e., fear, anger, sadness, and hope) lead to different patterns of information-seeking, (2) whether information is perceived differently with regard to its credibility by those experiencing different emotions, (3) whether discrete emotions lead to differential preferences for action, such as information endorsement or sharing with others online, and (4) if the emotional frame of information drives information selection, independent of the emotional state of the information seeker. The major outcomes of interest are people's information seeking goals and strategies, the degree to which people perceive online information to be more or less credible and, in turn, the extent to which they endorse and share information with others. These outcomes have implications for information propagation online, and by extension the belief in and the sharing of emotionally-charged online messages, including misinformation, health and political messages, and deceptive online content such as fake news.

FLANAGIN, ANDREW, Principal Investigator

"Fostering Critical Engagement with Online Information"

Gift Funding

FAINTL

07/01/10 – 06/30/20

\$4,323

This project is a continuation of ongoing efforts to study people's critical engagement with online information.

FOUQUE, JEAN-PIERRE, Principal Investigator

Systemic Risk and Mean Field Games

National Science Foundation

1814091/UCSB20180614

07/01/18 – 06/30/21

\$273,754

The banking system can be viewed as a large network of agents in interaction, entering in contracts and exposed to the risk of counter-party defaults. Systemic risk corresponds to rare events of many defaults in cascade disrupting liquidity and the economy as a whole. The research is about modeling this network in interaction and studying the limiting behavior as the number of agents becomes large. Nash equilibria are studied and their limits are described by the so-called Mean field Games. The focus will be on the effects of

time delays and randomness on the network itself. This research will help understand and ultimately prevent the occurrence of systemic events. From the point of view of the regulators, it is important to rank the institutions according to their contributions to systemic risk. On the other hand, this ranking needs to be fair to the banks. The research is also about developing the mathematical tools to measure systemic risk and design fair allocation schemes.

Mathematically, systemic risk events in the network of banks correspond to a Large Deviation Principle for such a system in interaction. That is describing the occurrence of these small probability events in which a large number of participants are defaulting. The research consists in using the Mean Field Game theory in order to derive large deviation of the finite player games. The first goal is to take into account the effect of delays in the game and develop the corresponding theory of mean field games with delay. The second goal is to study large deviations for games on stochastic networks. The main tool will be to use the master equation for the corresponding mean field game. We are specifically interested on how the stochastic nature of the network will affect the rate function in the large deviation principle. In the third project, we will develop a duality approach to the systemic risk measures previously introduced by the PI and his collaborators, in order to ensure fairness of systemic risk allocations to the participants.

FRIEDKIN, NOAH, Principal Investigator

Political Conflict and Stability in Dynamic Networks

UC Los Angeles

20180193-02/UCSB 20171565

03/01/18 – 12/31/20

\$35,907

Recent investigations of structural balance theory are seeking to advance the mathematical modeling of the mechanism that alters the topology of $G(V,E)$ directed networks, defined by a set V of nodes and set E of signed edges, toward a state of structural balance. The classic definition of the balance state requires no violations of 4 rules. Relaxations of this classic definition require the satisfaction of fewer rules. The most general definition requires only the satisfaction of the transitivity rule (a friend of a friend is a friend), and it allows hierarchical topologies. The development of dynamical models of the temporal evolution of G has been hindered by the absence of longitudinal data. The development of dynamical models has only recently considered the application of network science models of opinion dynamics to understand the evolution of G (P. Jia, N.E. Friedkin and F. Bullo. 2016. “The Coevolution of Appraisal and Influence Networks leads to Structural Balance.” IEEE Transactions on Network Science, IEEE Transactions on Network Science and Engineering, 3(4): 286-298). I will advance an influence system approach to the evolution of G , premised by the idea that edge sign switches (positive to negative, or vice versa) may be understood as outcomes of a process in which any i 's orientation to any node j is being influenced by other nodes' orientations to node j .

GAMBLE, LYNN, Principal Investigator

Various Research Projects

Gift

GLGIFT

07/01/16 – 06/30/20

\$10,770

Shell mounds have not been investigated as prominent ritual features in southern California, despite evidence to the contrary. The largest extant shell mound in the region is on Santa Cruz Island, measures 270 by 210 m (44,532 m² in area), is 8 m higher than the terrace it rests on, is covered with 50 house depressions, and dates to 6000–2500 B.P. In the 1920s, three cemeteries were excavated at the top of El Montón; one young woman stood out among the over 200 individuals in that she was buried with 157 stone effigies. Analysis of multiple lines of evidence, including stratigraphic profiles of features, 85 radiocarbon dates, ground penetrating radar, and mortuary data, supports my claim that the mound was a persistent place where early visitors had significant feasts, constructed dwellings, buried their dead, and performed ceremonies where select groups of infants, children, and adults were revered. These mortuary rites conveyed the symbolic power of the place and created a history of events that became part of a mythical and real past that was repeatedly visited, modified, and (re)interpreted as social relationships were reinforced. This study supports the idea that shell mounds are socially constructed landscapes, not just accumulations of refuse.

GAULIN, STEVEN, Principal Investigator

AGEY, ELIZABETH, Co-Principal Investigator

Doctoral Dissertation Research: Does Arranged Marriage Affect Reproduction in Nepal; If so, How and Why?

National Science Foundation

1948306 / UCSB 1948306

03/01/20 – 02/28/22

\$25,200

GEHLBACH, HUNTER, Principal Investigator

VRIESEMA, CHRISTINE, Co-Principal Investigator

When a picture is combined with 1000 words

National Geographic Society

NGS-50806E-18/UCSB20181180

02/01/19 – 07/31/19

\$29,213

Series of studies to examine the effects of storytelling on environmental education.

GIBBS, JENNIFER, Principal Investigator

CHS: Small: Support for the Academy of Management Organizational Communication and Information Systems 2018 Doctoral Consortium

National Science Foundation

1837239/UCSB20181303

08/01/18 – 07/31/19

\$28,950

This grant supports travel of a diverse group of approximately 25 dissertation-stage students at U.S. institutions to participate in an international doctoral consortium with distinguished research faculty. The Organizational Communication and Information Systems (OCIS) doctoral consortium at the 2018 Academy of Management (AoM) convention in Chicago, Illinois, will consist of one and a half days of talks and interactions

among OCIS students and researchers. The doctoral consortium provides students with feedback on their work from other students and faculty members, allowing them to enhance their own dissertation research proposals. Additionally, because of the diversity of the business sub-disciplines and communities involved in the AoM conference, the consortium will allow students to establish research connections beyond their own disciplines. Consequently, participation will allow students to develop a better understanding of the different research communities, which will facilitate their participation in future interdisciplinary research. In the past, the OCIS doctoral consortium has been a successful venue at which students can take major steps toward becoming professional researchers. The OCIS division at the annual AoM meeting provides a leading international forum for the presentation and discussion of research and practical issues related to the use and impact of information and communication technologies in organizations and society. The intellectual merit of this travel grant is that it provides a forum for doctoral students to exchange insights and receive feedback and guidance in order to enhance the quality of their dissertation research, and its broader impact lies in facilitating the establishment of new research collaborations and professional networks, as well as developing a greater awareness of ongoing cutting-edge research in the field of organizational communication and information systems.

GLASSOW, MICHAEL, Principal Investigator

Coastal Adaptations

Various Donors

GMGIFT

07/01/17 – 06/30/20

\$9,400

Funds from my gift account have been used to employ two laboratory assistants and pay for radiocarbon dates in support of my continuing research related to elucidating the prehistory of the Santa Barbara Channel region. My laboratory assistants and I, along with undergraduate students enrolled in a laboratory practicum course I teach, have been processing collections I obtained over the years before my retirement in 2009. During the past academic year, data derived from these collections have been the subject of publications and paper presented at professional conferences.

GOTTFRIED, MICHAEL, Principal Investigator

How Teachers View their Training for Addressing and Combatting Chronic Absenteeism

San Francisco Foundation

119985/UCSB 20180229

10/15/17 – 10/15/19

\$15,000

We are currently in an absenteeism crisis, and our project will address this head-on. In more detail, we plan on surveying every teacher candidate in the UC system (about 1,000 students). Our survey (developed by Co-Principal Investigator of the Project, Ethan Hutt), will address whether the undergraduates in the UC system graduate understand what is chronic absence, feel prepared to address and combat chronic absenteeism in the schools in our state, and why or why not. Additionally, we plan on surveying and interviewing their professors in UC schools across the state. We are interested UC professors' perspectives of the necessary baseline preparation for prospective undergraduates who will soon enter

our state's classrooms. That is, how do UC professors view benchmarks for preparing their undergraduates teacher candidates to engage in absenteeism issues? What do they understand about chronic absence and why it matters?

GOTTFRIED, MICHAEL, Principal Investigator

Education Policy Collaborative
Smith Richardson Foundation

2018-1679/UCSB20181372 09/01/18 – 08/31/21 \$11,085

The purpose of this funding is to support research meetings and travel related to the Education Policy Collaborative -- a new research group with a focus on education policy. The PI of this grant is the Co-Founder of the Education Policy Collaborative.

GURVEN, MICHAEL D., Principal Investigator

Brain Atrophy, cognitive Impairment and Alzheimer's in a Low CVD-risk Population
Chapman University (renewal)

AG054442/UCSB 20181296 09/01/17 – 03/31/22 \$1,074,887

Little is known about the epidemiology of Alzheimer's disease (AD) in populations living pre-industrial lifestyles similar to those experienced over human pre-history. This information is critical to determine whether AD is a byproduct of modern environments. Compared to age-matched industrialized populations, Tsimane exhibit: a) delayed atherosclerosis progression; b) minimal diabetes and hypertension; and c) near absence of atrial fibrillation, stroke and myocardial infarction. At the same time, Tsimane experience high infectious burden and resulting inflammation throughout life. The neighboring Maseten are an ethno linguistically similar population with low cardiovascular disease (CVD) risk, as indicated by our preliminary data, but Maseten have both higher rates of CVD than Tsimane and more variation in lifestyle and metabolic risk factors. The goals of this proposal are to: 1) Measure rates of cerebral atrophy and cognitive decline in association with atherosclerotic and inflammatory burden, APOE genotype, and schooling among Tsimane and Maseten; and 2) Estimate prevalence and incidence of all-cause dementia and AD among Tsimane and Maseten. Our central motivating hypothesis is that compared to Western populations, the low rate of atherosclerosis in these two subsistence populations will be paralleled by slower rates of cerebral atrophy and age-related cognitive impairment. To accomplish our goals, we propose four specific aims, utilizing a panel design in two population samples totaling 2,590 adults aged 40+ years: 1,963 Tsimane and 627 Maseten. Aim 1 conducts longitudinal assessment of cognitive impairment and dementia with measurement of physical activity between assessments; Aim 2 conducts anatomic neuroimaging of the brain related to cognitive impairment, AD and other dementias; Aim 3 assesses prevalence and incidence of all-cause dementia and AD among individuals over age 60 years; and Aim 4 investigates the epidemiology of brain atrophy, cognitive impairment, AD and all-cause dementia. The proposed research is time-sensitive, as both Tsimane and Maseten are modernizing at an accelerating rate. It is one of our last chances to study the natural history of AD, cerebral atrophy and cognitive impairment with a large sample across multiple populations living a subsistence lifestyle, similar to

pre-historic populations, with low rates of CVD and high rates of infectious disease and inflammation. This multi-disciplinary project leverages 14 years of integrated behavioral-biomedical research among Tsimane. If rates of cerebral atrophy and cognitive impairment are lower among aging Tsimane and Moseten, those findings will have important implications for our understanding of AD in the US.

GURVEN, MICHAEL, Principal Investigator

ANDERSON, AMY, Co-Principal Investigator

Doctoral Dissertation Research: The skeletal biology of porous cranial lesions

National Science Foundation

1945794 / UCSB 20200035

02/15/20 – 10/31/21

\$31,044

HAJJAR, LISA, Principal Investigator

Human Rights in the Arab World: Research, Advocacy and Public Policy

National Endowment for the Humanities

RZ-249951-16/UCSB 20160590

10/01/16 – 08/31/19

\$200,000

The research project was conceived in 2012 by co-PI LeVine as a collaboration between the Issam Fares Institute (IFI) at American University of Beirut (AUB) and the Center for Middle East Studies at Lund University. In 2013, Hajjar and Dewachi joined the project as co-PIs. In 2014, the newly established Asfari Institute for Citizenship and Civil Society at AUB joined the project, and its executive director Fateh Azzam assumed the role of our associate project director. The funding for conferences, workshops, and research conducted to date has been provided by the above institutions. We will incorporate insights, debates, corrections, and other relevant information from the conference into our work on the monograph. We plan to complete a draft of the manuscript by the end of summer 2018, and to finalize the book and send it to a publisher by the end of the grant period.

HAN, HAHRIE, Principal Investigator

P3: Making Participation Possible, Probable, Powerful

New Venture Fund

006476-11222017/UCSB 20180516 10/15/17 – 09/30/19

\$250,000

The P3 lab is a research lab housed in the Department of Political Science at the University of California, Santa Barbara and led by faculty director Hahrie Han. The lab focuses on understanding and sharpening the role democratic organizations can play in cultivating the individual and collective capacities ordinary people need to exercise voice in our democracy. American democracy is premised on the idea of government of, by, and for the people, but often falls far short of that ideal. In part, this is because citizenship of the kind needed to achieve democratic voice must be cultivated and channeled through vehicles of collective action. Citizenship is made, not born. Yet, in 21st century politics, the civic associations and political organizations that have long been the bulwark of cultivating this

citizenship struggle to engage people in ways that generate voice, especially with respect to low-income people of color. As a result, we are left with a fragmented, highly unequal politics, in which power is accorded not through citizenship but through property, and the spoils of victory go to candidates and parties that can patch together the broadest coalition of people's narrow self-interests. With such divisiveness at the core of our politics, it is no surprise that our most pressing political and policy challenges remain unanswered. Through both research and practice, the P3 lab seeks to understand how civic and political organizations can engage ordinary people, especially low-income constituencies of color, in democratic life in ways that make their participation not only possible and probable, but also powerful.

The P3 lab is built on the premise that strengthening the capacity of democratic organizations to cultivate the voice of ordinary people depends on advancing work in the domains of research, practice, and the intersections therein. Thus, the lab seeks to do work in a way that strengthens the ability of both researchers and practitioners to invest in civic and political organizations as a public good in and of itself. This grant proposal focuses on building the lab's capacity to: a. advance a narrative in both academia and the world of practice about the inherent value of investing in organization, and other vehicles for collective action; b. develop an approach to doing research that is built on iterative, reflexive relationships between academics and organizational leaders that simultaneously advances work in both domains; and c. develop a pipeline of researchers skilled in engaging in reflexive, public scholarship.

HAN, HAHRIE, Principal Investigator

Community Power and Influence: Exploring Strategies for System Change

Robert Wood Johnson Foundation

75887/UCSB20190262

11/01/18 - 10/31/20

\$199,994

We are delighted to submit this proposal to be part of the "Community Power and Influence" initiative of the Robert Wood Johnson Foundation (note the name of the program may change). The P3 Lab at the University of California, Santa Barbara is dedicated to understanding how community based organizations make the participation of ordinary people possible, probable, and powerful, so that people can engage in public life in ways that allow them to exercise voice over outcomes that matter in their lives. As such, our work is closely related to the work RWJF is doing to better understand the ways that community based organizations can help remove obstacles to better health and greater health equity. This statement proposes a scope of work that is particularly focused on developing a scaffolding for a long-term research agenda connecting community power and health, including the best definitions of power and metrics to measure community power.

HEGARTY, MARY, Principal Investigator

GAINES, STEVEN, Co-Principal Investigator

GENETTI, CAROL, Co-Principal Investigator

KENDALL, BRUCE, Co-Principal Investigator

NRT IGE: Crossroads: Integrating Interdisciplinary Research and Teaching in Graduate Education

National Science Foundation

1633764/UCSB 20160660

09/15/16 – 08/31/19

\$499,943

UC Santa Barbara's Crossroads Program allows faculty members and doctoral students to collaborate on one or more year-long interdisciplinary research projects through the auspices of a team-taught graduate seminar that includes fellowship-supported as well as other graduate students. The central goal of the Crossroads Program is to enhance both graduate and undergraduate learning through the infusion of interdisciplinary research into the curricula. Each Crossroads project involves at least 3 faculty members from at least 2 different departments and receives funding for up to five graduate students from diverse backgrounds as Crossroads Fellows, with one quarter of fellowship support and one quarter of support as a Teaching Assistant or Associate. The goals of this Innovations in Graduate Education (IGE) project are as follows:

- (1) to develop enhancements to the Crossroads project, including (a) activities that build meta-awareness about disciplinarity and interdisciplinarity, (b) pedagogy training on effectively bringing research and interdisciplinary perspectives into the classroom and (c) training on communicating science to non-specialist audiences.
- (2) To assess program effectiveness by evaluating whether participation in the Crossroads program improves graduate students' abilities and teach effectively and
- (3) To disseminate the Crossroads model across the 10 University of California Campuses, and more generally in conference presentations and publications.

HEGARTY, MARY, Principal Investigator

GAINES, STEVEN, Co-Principal Investigator

GENETTI, CAROL, Co-Principal Investigator

KENDALL, BRUCE, Co-Principal Investigator

Support for Collaborative Research: AGEP Transformation Alliance: A California HSI Alliance for Pedagogy as Preparation for the Professoriate

UCSB Department/Executive Vice Chancellor

HMXEVC

07/01/18 - 6/30/20

\$7,000

This is a small grant to support expenses for local entertaining related to a larger grant (HMNSF1). In this grant UC Merced, UC Santa Barbara, CSU Fresno and CSU Channel Islands are collaborating together to develop, implement, and test a model that focuses on pedagogical training and career mentoring to prepare senior doctoral students for teaching-focused careers at a broad range of colleges and universities in order to create a more diverse STEM faculty workforce.

HEGARTY, MARY, Principal Investigator

CHARITY HUDLEY, ANNE, Co-Principal Investigator

GENETTI, CAROL, Co-Principal Investigator

NASH, CARLOS, Co-Principal Investigator

SHERMAN, DAVID, Co-Principal Investigator

Collaborative Research: AGEP Transformation Alliance: A California HSI Alliance for Pedagogy as Preparation for the Professoriate

National Science Foundation

1820886/UCSB 20180722

09/01/18 – 08/31/21

\$906,647

The goal of the AGEP California (CA) Hispanic Serving Institutions (HSI) Alliance is to develop, implement, and test a model for creating a more diverse STEM faculty, which is broadly replicable in HSIs across the nation. The AGEP CA HSI Alliance model focuses on pedagogical training and faculty career mentoring to prepare historically underrepresented minority (URM) doctoral students at HSI research-intensive universities for tenure-track professor positions, particularly at HIS institutions that emphasize undergraduate teaching and research. We envision the model being replicable among other UC-CSU pairs of institutions, as well as similar pairings in other states with multi-tier university systems.

JUERGENSMEYER, MARK, Principal Investigator

Resolving Jihadist Conflicts? Religion, Civil War, and Prospects for Peace

Uppsala Universitet (Sweden)

SB170042/UCSB 20181139

01/01/16 – 12/31/19

\$201,120

Study of how religious-related terrorist movements come to an end, with focus on three cases: Moro movement for a separate Muslim state in Mindanao, Southern Philippines; the Islamic State in Iraq; and the Khalistan movement in Punjab, India.

KAM, JENNIFER, Principal Investigator

Examining the Support Provided to Children of Immigrant Families When Language Brokering

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS20KJ

07/01/18 – 06/30/20

\$8,068

In the United States, adult immigrants often rely on younger family members as language brokers—children (e.g., preadolescent, adolescent, emerging adult children) of immigrant families who linguistically and culturally mediate for two or more parties from different cultural backgrounds. Past research has found that brokering can be associated with positive and negative outcomes for children of immigrant families. Such outcomes, however, likely depend on a host of conditions (e.g., how immigrant children feel about brokering, how familiar they are with English and U.S. mainstream practices, their parent-child relational quality). One particularly important factor to consider is the extent to which parents create a supportive and safe environment for immigrant children to interpret. Past research has often relied on self-reported interview or survey data to identify how parent-child relational quality can create a supportive environment for language brokering. However, we know very little of what supportive communication or unsupportive communication looks like from parents during an actual brokering interaction. Thus, the goal of this project is to examine the support (or lack of support) that parents provide to immigrant children during a language brokering interaction. Videotaped observational data will be obtained to capture brokering between parent-child dyads

(condition one) and parent-child-U.S.-mainstream-member triads (condition two). The videotaped interactions will be coded for supportive and non-supportive communication provided by parents in the two conditions. Identifying the ways in which parents verbally and nonverbally support immigrant children when brokering can inform the development of community-based resources intended to enhance the wellbeing of immigrant families.

KATSIKA, ARGYRO, Principal Investigator

Prosodic Structure: An Integrated Empirical and Modeling Investigation

Haskins Laboratories, Inc.

#1/UCSB 20171307

09/01/16 – 02/29/20

\$92,612

Argyro Katsika Ph.D., has been a core member of the scientific team conceiving and executing this collaborative project, and was the original PI of the award 1551428 to Haskins Laboratories. Since the grant was awarded, Argyro Katsika has been relocated to University of California, Santa Barbara as an assistant Professor of Linguistics. Argyro Katsika will be the PI of the subcontract to UCSB. Argyro Katsika is an expert in the area of speech production and prosodic structure that is the subject of this research. She will oversee and conduct experiments on prosodic boundaries and prominence, she will analyze the acquired experimental data, and she will prepare results for publication. Specifically, Argyro Katsika will conduct and analyze experiments 1-4 of the proposal. Experiments 1 and 2 address Goal 1, meaning investigation of tonal and temporal properties as part of one system in boundaries. Experiment 1 examines boundary and prominence coordination phrase-finally, while experiment 2 examines this coordination phrase-initially. Experiments 3 and 4 assess the tonal and temporal properties as one system in prominence (Goal 2). Experiment 3 focuses on the dynamics of prominence, and experiment 4 examines the temporal scope of prominence and pitch accent coordination. Research assistants will assist the PI with lab tasks (i.e., recruiting subjects, acquiring and analyzing the data).

KATSIKA, ARGYRO, Principal Investigator

Prosodic hierarchy as an interplay of lexical stress, phrasal events and articulatory contractions

UCSB Academic Senate

KAACSE

07/01/18 – 06/30/21

\$14,090

This project is part of a larger research agenda that aims at deciphering how Grammar (and thus our linguistic mind) applies the prosodic contour on the segmental content, and to develop a coherent theory of prosody structure and a model of timing in speech production with underpinnings for cognitive reality, cross-linguistic extensions, and clinical and computational applications. Our larger research objectives are to test the hypotheses that 1) lexical prosody is the interface between phrasal prosody and segments, that 2) prosodic structure at the phrasal level (in terms of both grouping and prominence) emerges from a specific network of interactions between prosodic events (such as lengthening, phrasal tones and pauses), and that 3) a specific subset of these interactions is used as cues for turn taking in discourse. To test these hypotheses languages that representatively cover the typological range of both lexical prosody (i.e., free lexical stress, fixed lexical stress, lexical

tone, lexical pitch accent, hybrid systems) and phrasal prosody (e.g., languages with different locations of boundary tones) will be examined. Our expectation is that this holistic investigation of prosody will reveal significant dimensions of typological variation, informing us about the basic nature of the phonological component of Grammar. In the current project, we focus on grouping, and specifically on phrase boundaries (the edges of phrases), in Japanese and Korean, two languages representing a distinct and understudied categories of the lexical prosody continuum, that one of lexical pitch accent and that one of no lexical prominence cue. We are also examining the syllabic structure of Georgian. Understanding the mechanism by which segments are organized into syllables fills a critical gap in our understanding of the hierarchical organization of prosodic constituents, as syllables are both units into which segments are organized and the base units for higher-level constituents such as feet and phrases. Syllables are also tone-bearing units (TBUs) for pitch- accents, and docking points for stress, which make them important for higher levels of prosodic organization.

KLAWUNN, MARGARET, Principal Investigator

CZULEGER, CATHY, Co-Principal Investigator

Sailing at UC Santa Barbara

California Dept. of Boating and Waterways

C8960305/UCSB 20160678	01/01/16 – 12/31/31	\$14,070
C8960305/UCSB 20170629	01/01/16 – 12/31/32	\$40,000
C8962230/UCSB 20180660	01/01/18 – 12/31/22	\$40,000
C8962330-1/UCSB 20190643	01/01/18 – 12/31/33	\$40,000

Aquatic Center Grant FY 2015-16. Received \$14,070 from California Division of Boating and Waterways to support Learn to Sail Program. Grant covered purchase of vhf radios (2) sails (6), outboard engine and assorted parts.

Aquatic Center Continuation Grant FY 2016-17. Received \$40,000 from California Division of Boating and Waterways to support Learn to Sail Program. Grant covered partial costs associated with EZ Docks for use at UCSB dock at Santa Barbara Harbor.

Aquatic Center Grant FY 2018-19. Received \$40,000 from California Division of Boating and Waterways to support Learn to Sail Program. Grant covered purchase of 5 RS Quest sailboats.

Aquatic Center Grant FY 2018-19. Received \$40,000 from California Division of Boating and Waterways to support Lean to Sail Program. Grant covers purchase of equipment.

KLAWUNN, MARGARET, Principal Investigator

EQUINOVA, KIMBERLY, Co-Principal Investigator

Diversifying Prevention and Victim Services on Campus

USDJ Office of Justice Program

2018-WA-AX-0043/UCSB20181048	10/01/18 – 09/30/21	\$299,000
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University of California Santa Barbara has a dedicated Campus Advocacy, Resources & Education office (CARE), charged with crisis advocate response, prevention education, and training for sexual assault, dating/domestic violence, and stalking for the entire campus community. To date, current successes and sustainability efforts of the CARE office can be traced back to funding cycles provided to the campus from the OVW Campus Grant Project and administered by CARE. The proposal for FY2018-2021 funding seeks to sustain mandatory program requirements and move beyond those to further diversify services and prevention efforts in order to meet the changing and growing needs of the UCSB community.

KUCZENSKI, BRANDON, Principal Investigator

Toward a Distributed Knowledge Management System for Product Life Cycle Models USDA Agriculture Research Service

58-8260-8-004/UCSB20181317 08/20/18 – 08/19/20 \$84,268

This project focuses on the development of data models, software prototypes, and demonstration projects around the area of collaborative and distributed computation of life cycle assessment (LCA) results. Work objectives include a review of modalities for LCA data resource creation and exchange; proofs of concept for disclosure of product system models for critical review and reuse; stakeholder engagement with users and data providers of the Federal LCA Commons, overseen by USDA.

LAWSON, DAVID, Principal Investigator

Understanding Men's Incentives for Women's Empowerment
UCSB Hellman Award

LDWHEL 07/01/18 – 06/30/20 \$40,905

This research project seeks to improve our understanding of individual variation in support for women’s empowerment, with a primary focus on men’s attitudes. Specifically, we will test whether or not the gender of one’s own family members influences self-reported attitudes regarding various domains of women’s empowerment in rural Tanzania. Our overarching hypothesis is that having more living female kin will be associated with higher support of women’s empowerment in both men and women, while having more male kin will have the opposite effect. Existing research has, for example, suggested that men with more daughters than sons are more supportive of women’s empowerment. However, across the literature findings are mixed and few studies (i) have been carried out in low-income populations; (ii) simultaneously examined variation among men and women; and (iii) systematically considered different categories of kin (i.e. children, siblings, parents); or (iv) multiple domains of women’s empowerment.

LAWSON, DAVID, Principal Investigator

Assessing the costs and benefits of cultural practices. (originally titled: "Child Marriage as a Parental Investment Strategy: Assessing the Costs and Benefits of Early Marriage in Rural Tanzania)

National Science Foundation

1851317/UCSB20190210

02/01/19 – 01/31/21

\$199,074

'Child marriage', defined by the development sector as any marriage under 18 years, affects one in three girls in the developing world. Over the last decade, humanitarian interest in child marriage, grounded in moral concerns over the 'right to childhood', has dramatically escalated, culminating in a 2015 global goal to abolish the practice. This movement has taken place largely without engagement with anthropologists, who to date have only made limited explorations into the diverse potential strategic motivations and/or conflicts of interest that may account for the high prevalence of early marriage, despite its purported costs to wellbeing. This project will: (1) interrogate the construct validity of the child marriage concept utilized and promoted by the development sector, including implied fixed boundaries between childhood innocence and adulthood responsibility. This will involve both qualitative research to ground our understanding of the ethnography of marriage and of the perceived costs and benefits of early marriage for both girls and their parents, along with quantitative tests of the extent to which early marital age and large spousal age-gap elevate or indeed mitigate existing risks to wellbeing for girls/young women across multiple domains; and (2) test novel hypotheses, grounded in an evolutionary perspective on behavior, to account for why child marriage is so prevalent. This will include tests of whether, in the context of bridewealth, child marriage is best understood as the expression of a parent-offspring conflict over ideal marital age as often assumed, or whether it is in fact motivated by efforts to improve relative wellbeing within the context of alternative risks to wellbeing across girlhood. We will also (3) examine relationships between age at menarche and first marriage to evaluate for the first time whether or not early marriage can be understood as part of a coordinated physical-behavioral maturational shift towards an accelerated life history strategy. All fieldwork will take place among the Sukuma of Tanzania, where approximately 40% of girls marry before 18, situated within an ongoing demographic surveillance site.

LEOMBRUNI, LISA, Principal Investigator

GAINES, STEVEN, Co-Principal Investigator

NOVA's Polar Extremes: Enhancing Experiential Digital Learning

WGBH Educational Foundation (NOVA)

K201803096/UCSB20170532

11/01/18 – 05/31/20

\$385,848

The goal of this project is to understand how different informal STEM teaching/outreach styles (e.g. exploratory vs. narrative-driven) affect learning outcomes in audiences. Additionally, we wish to explore whether different age groups and socioeconomic backgrounds may engage differently. Specifically, we will be developing a metric for informal learning, running a formative evaluation for the NOVA Polar Lab, and testing a narrative-driven versus experiential approach to learning.

LIEN, PE-TEI, Principal Investigator

Understanding the Sources and Consequences of Racial Attitudes and Opinions of Immigrant Chinese Americans

Chiang Ching-Kuo Foundation

RG018-A-16/UCSB 20170446

07/15/17 – 07/14/20

\$12,000

This was the 2nd year of the research project. The original deadline of June 30, 2019 has been extended with no additional cost to March 14, 2020 so as to allow more time to complete data analysis and secure publication of results in trade journals. The main activity of the research is to conduct comparative analysis of public opinion using data gathered in the United States and Asia and in collaboration with Dr. Wu Chung-li of the Institute of Political Science, Academia Sinica to help understand the origins, contours, changes, and possible behavioral consequences of racial attitudes and opinions of immigrant Chinese Americans originated from Taiwan, Mainland China, and Hong Kong.

LUDKOVSKI, MICHAEL, Principal Investigator

AMPS: Collaborative Research: Stochastic Modeling of the Power Grid

National Science Foundation

1736439/UCSB 20170926

09/01/17 – 08/31/20

\$179,999

This project develops mathematical models for the interactions between the economic stake-holders in the modern power grid. The research focuses on constructing rigorous stochastic models and related numerical algorithms for quantitative assessment and analysis of how to guide the grid in its "smart" evolution. Research areas include (i) long-term grid evolution, in particular investment in renewable generation and competition between different producer sectors; (ii) behavior of electricity prices and related financial contracts in the new era of deep renewable penetration, micro-grids, and new requirements on grid stability. The project blends together applied mathematics, game theory, and control, and extends the reach of stochastics to a key application area.

LUDKOVSKI, MICHAEL, Principal Investigator

Collaborative Research: Gaussian Process Frameworks for Modeling and Control of Stochastic Systems

National Science Foundation

1821240/UCSB 20180740

08/01/18 – 07/31/21

\$150,000

The project pursues synergies between the latest machine learning techniques and control paradigms, targeting applications in quantitative finance, energy microgrid management and epidemiological modeling of infectious diseases. The project team is developing algorithms and statistical models for complex stochastic simulators, and active learning strategies for autonomous data acquisition. Our main tool are Gaussian Process surrogates to maximize the learning rate (state, action) maps for dynamic programming. The surrogates yield a statistical representation of the value function that is then optimized to find the best feedback strategy. The project is systematically exploring the best approaches

to do so in a variety of settings, using different simulation, metamodeling, and optimization techniques to enhance knowledge discovery.

LUNA, ZAKIYA, Principal Investigator

Mobilizing Millions: Engendering Protest Across the Globe

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS19LZ 07/01/17 – 12/31/19 \$5,000

Mobilizing Millions: Engendering Protest Across the Globe seeks to understand what brings people to participate in a march of this scale, and at a critical historical juncture in our country's political landscape. Zakiya Luna serve as the Principal Investigator and three other faculty collaborated with me on development of the first phase of the project, an online survey and participant observation at Women's Marches in 2017. From a follow-up survey, a set of interested people (n=42) were interviewed about their participation in the 2017 marches as well as later political activities. The majority of survey respondents identified as White women from the U.S., thus our interview pool reflected that demographic as well. However, we did have interviewees beyond that demographic including people who participated in marches globally.

MEHTA, AASHISH, Principal Investigator

Economic globalization and wage inequality as if the commercial class existed

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS19MA 07/01/17 – 06/30/20 \$8,007

We identify a class of workers who are responsible for managing business transactions that make it possible to engage in trade. Demand for these "Coasian" workers should increase when a country open up to trade, insofar as managing international commercial transactions is a complex activity. On the other hand, if trade takes the form of off-shored contract manufacturing, as it increasingly has in recent decades, then it could actually result in weaker demand for these workers, because the business transactions are arranged in other countries. Using Mexican census data from 1990 and 2000, we find evidence consistent with this theory.

MILDENBERGER, MATTO, Principal Investigator

Communicating sea-level rise risks to US publics in high-risk FEMA flood zones

U.S. Army Corps of Engineers

W912HZ18C0031/UCSB20181410 09/28/18 – 09/27/19 \$45,415

This project explores how coastal residents in four communities across the United States understand the risks posed by sea-level rise. We test different risk communication strategies, and invite respondents with different risk exposure to participate in our mail-based surveys.

MILDENBERGER, MATTO, Principal Investigator

Public Support and Coalition Potential for the Green New Deal

Rockefeller Family Fund

SB190230/UCSB20191311

05/02/19 – 05/02/20

\$8,500

Debates over the Green New Deal (GND) resolution break new ground for the climate movement by linking social, environmental and economic policy demands. Advocates believe these linkages will generate the broad-based political movement necessary to confront entrenched fossil-fuel opponents, eroding their social license to operate. This policy also attempts to center equity issues in climate policymaking debates. We ran a large-N US public opinion survey that directly tested this theory of change. We used conjoint survey analysis for this to understand how different features of the Green New Deal package expanded or shrunk support coalitions. Conjoint surveys take as their input several dozen individual policy elements. They then allow the researcher to analyze how these elements interact to shape respondent preferences.

MILDENBERGER, MATTO, Principal Investigator

The Academic Senate Award "The UCSB Environmental Values and Opinion Panel"

UCSB Academic Senate

MMACAD

07/01/16 – 06/30/20

\$10,000

This project was a pilot of new survey techniques to support the development of a long-term UCSB Environmental Politics Panel. These new techniques involve researcher-controlled sampling from the voter file, mail-based survey invitations, and automated gift card deployment to survey respondents in an effort to manage panel attrition.

MITHUN, MARIANNE, Principal Investigator

PALAKURTHY, KAYLA, Co-Principal Investigator

Doctoral Dissertation Research: Documenting Variation in Navajo (nav)

National Science Foundation

1713793/UCSB 20170510

07/01/17 – 12/31/19

\$18,897

Previous linguistic research has definitively demonstrated that a homogenous speech community is an idealization. In fact, linguistic variation is an important component of the documentation of a language and frequently carries social meaning, often below the level of consciousness. This project documents and analyzes such variation in contemporary Diné bizaad (Navajo) a threatened Southern Athabaskan language spoken in the American Southwest. Though the Diné community has a rich shared linguistic and cultural tradition, variation among Diné speakers exists due to regional, generational, and sociocultural diversity. Because much is already known about the phonology and morphology of Diné bizaad, and due to the relatively large number of speakers, the language is a compelling candidate for a study of indigenous language variation. These data will enhance the depth and accessibility of the existing record of the language by representing a large and diverse sample of Diné speakers that reveal the inherent diversity within the spoken language. Recordings and descriptions of variation will contribute to language planning and the development of pedagogical materials for language maintenance. Data will be publicly accessible at the Alaska Native Language Archive and locally at the Navajo Nation Historical Preservation Department. In this dissertation project, doctoral student Kayla

Palakurthy will record interviews including word lists, personal narratives, and ethnographic background questions with participants from different regions, of different ages, and with different linguistic backgrounds. The researcher will collaborate with Diné speakers to transcribe and translate the discourse data for public archiving and in-depth analysis. These data will serve as the basis for an analysis of specific linguistic variants and how they correlate with social factors such as region, generation, and Diné bizaad usage. Through analysis of connected speech, this project will investigate morphological, and morpho-syntactic variation, and an acoustic analysis of targeted phonetic/phonological variables will provide evidence for ongoing sound change or sociolinguistically conditioned variation. Sociolinguistic studies based on small indigenous communities are relatively rare, though extant studies suggest that such communities offer insights about socially meaningful patterns of variation. Further, this study will contribute to scientific understanding of language change by analyzing internally and externally motivated change at multiple levels of linguistic structure.

NARANG, NEIL, Principal Investigator

New Nuclear Security Course Grant

The Stanton Foundation

SB180132/UCSB 20180940

05/01/18 – 06/30/21

\$45,000

To develop a new political science course that addresses contemporary issues of nuclear security.

O’CONNOR, ALICE, Principal Investigator

The Art of Assembly: Visualizing Decolonial Democracy in the Oaxaca Commune - Grad student award to Lorraine Affourtit

UC Office of the President

07/01/19 – 12/31/19

\$2,999.94

PARK, JOHN, Principal Investigator

Coming into an Awareness: Status and Illegality Among Children and Young Adults in American Law

Russell Sage Foundation

93-16-05/UCSB 20160512

04/01/16 – 08/31/19

\$34,258

The project examines how “unlawful status” is a recurring condition in American legal history, and toward that end, the project presents and analyzes materials collected about fugitive slave families, early Asian American immigrant families, and Native American young people in the 20th century, particularly those who’d been placed in boarding schools. The project attempts to link American legal history with important findings in the contemporary social sciences, particularly around undocumented people and young people who are out of status.

PARK, LISA, Principal Investigator

Curriculum Development and Design of a 4+1 Ethnic/Feminist Studies and Education
BA/MA Program at UCSB

UCSB: ISBER Social Science Research Grant Program (SSRGP)

CR18PL

07/01/18 – 06/30/20

\$8,000

This proposal is to fund a key component -- curriculum design -- for the early stages of a collaboration of the Departments of Asian American Studies, Black Studies, Chican@ Studies, and Feminist Studies, with the Gevirtz School of Education and the Division of Social Science. The goal is to create a combined 4+1 BA/MA program for highly motivated students interested in earning a bachelor's degree in an Ethnic or Feminist Studies department and a Masters in Education and teaching certificate in the fifth year as well as teacher training and curriculum development.

PETERSEN, ALEXANDER, Principal Investigator

Statistical modelling of Multivariate Functional and Distributional Data

National Science Foundation

1811888/UCSB20180547

07/01/18 – 06/30/21

\$149,860

Both fMRI and EEG yield time-dependent signals at multiple brain locations, resulting in multivariate functional data. Quantifying connectivity patterns to define brain networks, for example in order to identify normal and pathological characteristics, is an important neuroscientific problem that can be addressed using multivariate functional data techniques. This project seeks to advance the use of functional graphical models to estimate underlying brain dependency networks, including improved computational efficiency compared to existing methods. These methods are equally applicable in other domains that produce data of similar structure, such as longitudinal medical studies, where a common set of measurements is recorded repeatedly over time. Also considered in this proposal are methods for distributional data, which can be thought of as collections of curves or surfaces, each corresponding to a probability distribution. For example, neuroimaging data naturally provide such distributional samples, as levels of myelination or signal correlations within brain regions are high-dimensional data that can be effectively summarized at the subject level by a histogram or distribution. Given a sample of such distributional data, this project investigates statistical methods of interpretable dimension reduction and dependency of distributional response functions on relevant covariates through distributional regression. A key tool is the Wasserstein metric for distributions, which has been widely successful in applied settings, but has not been utilized to its full extent in statistics.

RAYMOND, GEOFFREY, Principal Investigator

Talking Justice: Identifying Interactional Practices to Improve the Quality of Police-civillian Encounters

UC Berkeley

9553/UCSB 20170239

07/01/17 – 06/30/20

\$59,089

Year 1:

Task 1: Data Preparation: Objective: Prepare video data for analysis.

Task 2: Beginning Data Analysis: Objective: Perform initial analysis of data.

Task 3: Develop Code Books

Year 2:

Task 1: Data Analysis: Coding video data Objective: Code video data using coding scheme developed in Y1

Task 2: Data Analysis: Hypothesis Testing Objective: Code video data using coding scheme developed in Y1.

Year 3:

Task 2: Public dissemination of findings: Objective: Publish findings in peer reviewed journals, develop training modules for PDs.

Task 2: Elaborate findings using other materials: Objective: Triangulate results using data from interviews

SALDIVAR TANAKA, EMIKO, Principal Investigator

ARENAS VELAZQUEZ, ERIKA, Co-Principal Investigator

Campus funding cost share for Kellogg Foundation award

UCSB Department

STEGD	07/01/17 – 06/30/20	\$3,000
STEMAT	07/01/17 – 06/30/19	\$10,000

The political recognition of indigenous and black people in Latin America, during the last three decades, is reflected in an increase in their statistical visibility. In March 2015, Mexico's national Census Bureau included the category of afro-descendent in their Intercensal national survey. The results showed that around 1.2 million people self-ascribed as afro-descendant. Surprisingly, these data seem to indicate there are no socioeconomic differences between self-identified afro-descendants and others. This contradicts previous studies that show that the afro-descendant population live in situations of poverty and social exclusion. This project will try to explain this discrepancy. Overall our goal is that this project will: 1) Contribute to the refinement of a question that also accounts for racial inequality; 2) promote the inclusion of a racial justice in the design of public policy; 3) promote the inclusion of a racial perspective among scholars on inequality, poverty and afro- descendant population in Mexico; and, 4) develop a methodology of statistical literacy for indigenous and afro- descendant advocates that will empower them in the use of accurate and reliable statistical information as a tool to achieve racial justice.

SCHNEIDER, BETH, Principal Investigator

CHARITY HUDLEY, ANNE, Co-Principal Investigator

The UCSB McNair Scholars Program

UCSB EVC Support

SBEVC/SBEGFT	07/01/17 – 06/30/20	\$513,439
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The UCSB McNair Scholars Program is funded through a five-year grant from the U.S. Department of Education with campus commitments from the offices of the Executive Vice Chancellor and the Letters of Sciences Deans.

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

The UCSB McNair Scholars Program

U.S. Department of Education

P217A170097/UCSB 20171101

10/01/17 – 09/30/18

\$232,264

The primary goal of the UCSB McNair Scholars Program is to promote entrance into doctoral studies for first-generation, low-income undergraduates and/or students under-represented in graduate study. The program is open for students in all majors on the UCSB campus. Students in the McNair Scholars program 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. In 2018-2019 (through Summer 2019), students in the program majored in the following areas: Anthropology, Art History Biology, Biochemistry, Black Studies, Chemistry, Chicana and Chicano Studies, Communication, Earth Science, Economics, English, Environmental Science, Geography, Global Studies, History, Linguistics, Mathematics, Music, Physics, Political Science, Psychology, Religious Studies, Sociology, and Spanish.

SIMS, NATHANIEL, Principal Investigator
GENETTI, CAROL, Co-Principal Investigator

Documentation of Yonghe Qiang Language and Culture

University of London – SOAS

IGS0333/UCSB20180826

08/01/18 – 07/31/20

\$19,790

This past year, I have undertaken the requirements for the IGS Grant #0333. This has included making audio and video recordings of people speaking the endangered Yonghe Qiang language. Currently, 24 of the 30 hours have been collected. Of the 15 hours to be transcribed, approximately 8 hours have been transcribed in the International Phonetic Alphabet, glossed, and translated into both English and Chinese. These materials are progressively being made available through archiving in the Endangered Languages Archive. The uploaded materials and accompanying metadata can be found at the following link: <https://elar.soas.ac.uk/Collection/MPI1204141>

This project has been set back slightly by visa issues for conducting research in China as well as by some health issues suffered by the PI while in the field. However the project is still set to finish on schedule.

SMITH, MELISSA, Principal Investigator

Discovery Seminar Winter 2019, Oaxaca Program

UC Office of the President

UCSB EVC Support

The Latinx and Indigenous Migrant COVID-19 Response Task Force emerged from a two-year collaboration with the Santa Barbara County Department of Public Health and community-based organizations that participated in the joint Discovery Seminar/Graduate

Independent study seminar I co-teach called Innovations in Health Equity Research: Participatory Action with Communities. I have supervised the research of graduate and undergraduate student teams who have supported the Task Force in collaboration with the UCSB Center for Publicly Engaged Scholarship (CPES). This effort has been linked to cross-sectoral collaboration among 93 organizations in Santa Barbara County who are engaged in coordinated pandemic response efforts, and has informed innovative policy changes and programs focused on health equity.

SMITH, STUART TYSON, Principal Investigator

Collaborative Research: Impact And Accommodation Through Cultural Contact

National Science Foundation

BCS-1359496/UCSB 20140181

08/01/14 – 07/31/19

\$194,185

Work consisted of post excavation analysis of artifacts brought as samples to UCSB, in particular pottery and faunal material. A planned trip for study of material in Khartoum had to be postponed. The size and scale of the fortifications indicates that Tombos was one of the largest, if not the largest colonial establishments in Nubia. It is also mostly likely the location of the lost Fortress of Taroy, according to historical sources from around 1350 BC the southernmost Egyptian colony within the larger empire.

STOKES, LEAH, Principal Investigator

A Matter of Degrees: A Podcast About the Climate Crisis (AMOD)

New York University

RA627-01

06/01/2020 - 03/31/21

\$45,000

A narrative podcast on the levers of change The climate podcast space is exploding. However, most shows are interview-based and cover similar editorial territory. They likely reach people who are already quite informed about climate and energy issues, rather than people who are newly concerned about the problem. We will cover new ground with this podcast. Through deep research, reporting, and narrative-based storytelling, A Matter of Degrees will detail the levers of economic and political power — and how to change them. We will also focus on the highest-quality production, setting our show apart from the field. Our team will tell the big stories that explain where activists, policymakers, and business leaders are moving on climate change. Each episode will focus on lessons from a current or historical event through the eyes of the people at the front lines.

STOKES, LEAH, Principal Investigator

The Electoral Ramifications of Environmental Policy

Norwegian Research Centre AS (NORCE)

302869

03/01/20- 03/01/24

\$135,500

The project involves examining the electoral ramifications of environmental policy related to wind power development and votership in British Columbia.

STOKES, LEAH, Principal Investigator

Carbon Pricing Workshop -"Carbon Pricing and Innovation in a World of Political Constraints"
New York University

RA702-02

02/01/20 - 12/31/20

\$11,400

This workshop brings together top scholars and policy advocates to revisit the promise and limitations of carbon pricing. It will identify a critical research agenda on the political economy of carbon pricing and the role of innovation in a politically-constrained context. It will nurture relationships between social actors, policymakers, and academics to answer these research questions. The workshop's operating assumptions are twofold. First, we will pay careful attention to how distributional politics shape which policies are politically feasible and durable over time. Moreover, we will combine these insights with lessons from environmental and innovation economics to develop policy choices that are simultaneously politically feasible, environmentally effective, and as economically efficient as possible.

STOKES, LEAH, Principal Investigator

Electric Utilities Knew: Tracing American Utilities; Climate Denial Campaigns

Rockefeller Family Fund

SB200165

01/01/20 - 12/31/20

\$20,000

Electric utilities in America have long pursued efforts to undermine climate science. A trove of documents spanning the past five decades has revealed that, similar to the oil industry, American electric utilities were aware of the dangers of climate change and the relationship between fossil fuel power generation and greenhouse gas emissions in the early 1960s. Rather than accept the science, utilities undertook efforts to sow doubt in the minds of Americans regarding climate science. While there has been some limited media reporting on the role of American electric utilities in polarizing the issue of climate change in the United States, the evidence remains convoluted and presented in lengthy documents.

STOKES, LEAH, Principal Investigator

Building a Dataset of Wind Energy Projects in Canada and the United States to Examine Factors that Predict Social Acceptance of Wind Energy

University of Ottawa

SB190226

04/01/19-03/31/20

\$23,756

Addressing climate change requires societies to transition towards low-carbon sources, including renewable energy in their energy systems broadly and their electricity grids specifically. In Canada and the United States, the electricity system is undergoing a rapid shift away from conventional technologies, most notably coal fired power plants, towards renewable energy resources. By far the biggest growth area is wind energy, which, as of August 2018, supplied 6% of Canada's electricity demand, and 8% of United States' in 2016. Building wind turbines provides public goods, reducing both local air pollution and global climate change. Unfortunately, this technology has proven politically controversial, with social movements arising to protest wind energy projects across North America, with very prominent resistance in Ontario, Canada (Fast et al. 2016; Stokes 2013, 2016)—the province that leads the country in wind energy. While substantive amounts of research

papers have examined specific cases (Hill and Knott 2010; Warren et al. 2005), there is no systematic study of larger numbers of wind projects that would aid in understanding how prevalent local resistance is and what factors predict its occurrence. This project will build on research on social acceptance of renewable energy technologies to understand how we can increase support for wind energy across North America (Breukers and Wolsink 2007; Toke, Breukers, and Wolsink 2008).

STOKES, LEAH, Principal Investigator

Evaluating Water Conservation Policy and Testing New Conservation Messages in California

UC Agriculture and Natural Resources

SA15-2997-CA373B/UCSB 20181574 03/01/17 – 12/17/19 \$25,000

Over the past two years, California required urban water districts to aim to conserve 20% of their water resources, compared to a 2013 baseline. While some districts were very successful, saving up to 50%, others failed to meet the target. What explains variation in California urban water district’s water conservation success between June 2014 and March 2016, when state-wide mandatory water reduction was in effect? I will use an original monthly panel data set, which integrates with the State Water Resources Control Board monthly consumption data, to examine how variation in policy—pricing, messaging, penalties—and drought severity affected water conservation across districts. The analysis involves both comparing across water districts, to explain the relationship between policy variation and water conservation success, as well as looking within districts, to examine how policy changes over time in a given district can explain conservation change in that district. Given rebounding consumption rates since the 20% target was lifted, this research will also examine which policies are associated with longer-term, sustained water conservation behaviors.

STOKES, LEAH, Principal Investigator

Deep Decarbonization in the Residential Sector: Policies and Barriers for Removing Natural Gas from Homes

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS19SL 07/01/17 – 12/31/19 \$7,952

Despite the gravity of the climate threat, governments around the world have struggled to pass and implement climate policies. Today, politicians and advocates are championing a new idea: linking climate policy to other economic and social reforms. Will this approach generate greater public support for climate action? Here, we test this coalition-building strategy. Using two conjoint experiments on a representative sample of 2,476 Americans, we evaluate the marginal impact of 47 different climate, social, and economic policies on support for climate reforms. Overall, we find climate policy bundles that include social and economic reforms such as affordable housing, a \$15 minimum wage, or a job guarantee increase public support for climate mitigation. Clean energy standards, regardless of what technologies are included, also make climate reforms more popular. Linking climate policy to economic and social issues is particularly effective at expanding climate reform support among people of color.

STOLL, HEATHER, Principal Investigator

The Size of Assemblies

UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS20SH

07/01/18 – 06/30/20

\$6,634

This project sought funding for research assistance to support a study of the size of democratic assemblies, from legislatures (the project’s major focus) to local deliberative bodies such as school boards. Assemblies vary greatly in how many seats they have, and they vary even more in how many people are represented by each seat. Despite the popular attention received by this topic, and the seemingly obvious consequences that this issue of institutional design should have for a variety of important outcomes, little rigorous scholarly work in fact exists to date. This proposal aims to fill this gap by empirically exploring three major consequences of assembly size: the identity of the elected representatives and hence the descriptive representation obtained by traditionally underrepresented groups, such as African Americans in the United States and women; the nature of relations between elected representatives and their constituents; and the internal efficiency of the assembly.

TETTEGAH, SHARON, Principal Investigator

Coordinating Curricula and User Preferences to Maximize the Participation of Women and Students of Color in Engineering

National Science Foundation

1826632/UCSB20181603

10/01/18 – 09/30/20

\$300,000

The focus of this project is to broaden participation of women and minorities in engineering programs. The characteristics of engineering curricula that effectively attract and retain underrepresented groups are not currently well understood. Computational analysis and visualization will allow us to investigate user preferences for these characteristics. This research will also help us understand preferences of students within engineering programs and beyond. The typology and recommendations generated from this research will provide guidance to instructors, researchers, and curriculum developers on designing more inclusive engineering curriculum.

VANDERWARKER, AMBER, Principal Investigator

Collaborative Research: Domestication, Food Production and Arboriculture During the Early to Late Holocene at El Gigante Rockshelter, (11,000-2,500 cal BP)

National Science Foundation

1757383/UCSB20180205

07/01/18 – 06/30/20

\$38,814

One problem impeding our understanding of plant domestication and the transition to food production in the New World during the Early-Mid Holocene is the lack of well-preserved macrobotanical remains from well-dated stratigraphic contexts. Recent thinking about the use and appearance of domesticates during this period is derived from microbotanical remains (i.e. phytoliths, starch, pollen) without drawing comparisons with macroremains from contemporaneous contexts. The focus of attention has been on maize because of its importance for the development of complex society throughout pre-Columbian

Mesoamerica. Generally missing are comprehensive discussions of the role of other domesticates (e.g., avocados), especially in relation to agroforestry systems that developed alongside field cultivation practices. This proposal requests funds to pursue metric analysis and dating of plant macrofossils from El Gigante rockshelter in southwestern Honduras. Analysis of El Gigante botanical remains provides an opportunity to examine two key issues regarding changing food economy in a well-provenienced assemblage: (1) the adoption, spread, and intensification of field cultigens within an evolving regional food economy; and, (2) extent of forest management and diachronic change in tree crop productivity.

VESPA, EMANUEL, Principal Investigator

An Exploration of Behavior in Dynamic Games

National Science Foundation

1629193/UCSB 20160733

09/01/16 – 08/31/19

\$192,882

Economic models of dynamic environments are highly important for forming policy, and applied theory for these settings has been influential across the entire economic spectrum: public finance, environmental economics, macroeconomics, labor economics, democratic transition, and industrial organization. Policy applications therefore range from developing antitrust policies, through the choice of legal institutions, the regulation of labor markets, through to understanding and monitoring climate change. However, while economic theory for dynamic environments is well-developed, in general it does not provide a precise prediction. Quite the opposite. General theorems instead indicate that most anything can happen in a dynamic environment. Our project's aim is to use controlled observations of human behavior in dynamic environments. Greater insight into what features of the environment drive will allow for more-robust policy discussions, and a subsequent benefit to society from better economic policy.

WALKER, BARBARA, Principal Investigator

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

Elsevier Foundation

SG140065/UCSB 20160514

01/01/14 – 06/30/20

\$120,435

The Strengthening Team Science and Work-Life Satisfaction in the UC System funds The Center for Research, Excellence and Diversity in Team Science (CREDITS), an integrated research and training program to increase and enhance Team Science (TS) capacity, effectiveness, and excellence in California. Over the past two decades, TS-based research has become increasingly central in scientific discovery. Diversity on teams is known to have positive effects on creativity, innovation, and productivity. Apart from its contribution to scientific breakthroughs and grand challenge problems, TS has beneficial impacts on individual research careers. TS projects garner more funding, and yield greater publication productivity, and higher impact publications. Having a strong network of collaborators, mentors, and co-authors is critical to a more productive and successful academic career. However, women and URM scientists are less likely to participate in team science collaborations, and their participation in these networks develops later in their

careers. This is linked to the critical time of family formation, negative perceptions of women and URM scientists, and decisions not to participate in TS because of awareness that credit for team work is more likely to accrue to White and male team members. CREDITS forges collaborative relationships and partnerships among Hispanic Serving Institutions (HSIs) in the University of California (UC) and California State University (CSU) systems. The program is targeted to women faculty from all ladder ranks and researchers (non-tenure-track positions), with a focus on underrepresented minorities (URMs).

WALKER, BARBARA, Principal Investigator

ADVANCE PLAN IHE: Center for Research, Excellence and Diversity in Team Science (CREDITS)

National Science Foundation

1464064/UCSB 20150318

10/01/15 – 09/30/20

\$749,623

The Strengthening Team Science and Work-Life Satisfaction in the UC System funds The Center for Research, Excellence and Diversity in Team Science (CREDITS), an integrated research and training program to increase and enhance Team Science (TS) capacity, effectiveness, and excellence in California. Over the past two decades, TS-based research has become increasingly central in scientific discovery. Diversity on teams is known to have positive effects on creativity, innovation, and productivity. Apart from its contribution to scientific breakthroughs and grand challenge problems, TS has beneficial impacts on individual research careers. TS projects garner more funding, and yield greater publication productivity, and higher impact publications. Having a strong network of collaborators, mentors, and co-authors is critical to a more productive and successful academic career. However, women and URM scientists are less likely to participate in team science collaborations, and their participation in these networks develops later in their careers. This is linked to the critical time of family formation, negative perceptions of women and URM scientists, and decisions not to participate in TS because of awareness that credit for team work is more likely to accrue to White and male team members. CREDITS forges collaborative relationships and partnerships among Hispanic Serving Institutions (HSIs) in the University of California (UC) and California State University (CSU) systems. The program is targeted to women faculty from all ladder ranks and researchers (non-tenure-track positions), with a focus on underrepresented minorities (URMs).

WALKER, BARBARA, Principal Investigator

Opening New Doors to Accelerating Success (ONDAS)

U.S. Department of Education

P031S150021/UCSB20151248

10/01/15 – 09/30/21

\$2,624,366

“Opening New Doors to Accelerating Success” (ONDAS), focuses on improving retention and graduation rates through three interrelated components at UCSB. ONDAS strengthens the university’s ability to provide essential services for its students and ultimately improve student achievement. The components are a) a student services center that meets the needs of first year students; b) using institutional data and analytics to assess opportunities for educational programming; and c) a faculty professional development seminar to help

faculty improve teaching through an understating of threshold concepts and multicultural competencies.

WALSH, CASEY, Principal Investigator

Cuyama Needs Assessment Census

Santa Barbara County Public Works

BC 18-197/UCSB 20171239

02/13/18 – 04/30/21

\$104,974

This project assesses the water needs of the population of the Cuyama Valley, as a preliminary step in supporting efforts to deliver inexpensive, high quality water to that population. It employs, principally, a survey instrument, as well as ethnographic research.

WEATHERFORD, STEPHEN, Principal Investigator

MC DONNELL, LORRAINE, Co-Principal Investigator

Education, Policy, Politics, and Evidence

William T. Grant Foundation

189721/UCSB20190774

03/01/19 – 02/28/20

\$49,956

Our earlier research analyzed the development of the Common Core State Standards (CCSS), an historically ambitious educational policy change. and closely observed their adoption in four states. The current project funds research assistance to support the activities needed to complete the analysis and write a book. (Harvard Education Press has contracted to publish the book.) By focusing on the information needs and incentives of policymakers, the groups that provide such information, and on the context of policymaking, the project foregrounds two questions. The what of evidence use depicts the pattern of the dependent variable, the diverse functions research and evidence play in shaping policy decisions. We analyze the main independent variables, the who and how of evidence use, by tracking the conditions and incentives that distinguish actors' uses of evidence in policymaking. Although our investigation has down-stream implications for the supply of research, its focus is on the demand side: the project increases our understanding of how the political and policy process influence the acquisition, interpretation, and use of research.

WEBER, RENE, Principal Investigator

Phase II - Moral Foundations of Movies: Examining the Virtuous Content and Financial Performance of Popular Films

John Templeton Foundation

61292/UCSB 20190272

6/1/19 – 3/2/22

\$234,219

The proposed project advances a previously funded JTF project (#60604) in which the research team successfully created a web-based, scalable platform called the Moral Narrative Analyzer (MoNA; <https://mnl.ucsb.edu/mona/>, Weber et al., 2018). The platform provides a validated, human-assisted computational analysis of virtuous content in movie narratives.

WEBER, RENE, Principal Investigator

Neurophysiology of Entertainment
 SevenOne Media
 SB070058/UCSB 20070341 11/01/06 – 12/31/21 \$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, CATHY, Principal Investigator

Generous Dictators in the Real World
 Gift 07/01/17 – 06/30/20 \$158

In 2001, I was funded to begin a longitudinal study of the relationship between generosity and labor market outcomes. At the time, experiments in decision theory were beginning to reveal differences across individuals in the willingness to sacrifice personal gains in order to help others. I wondered whether there might be a relationship between the type of generosity captured by behavior in this game and the mystery of low pay in "helping" occupations. In the College and Career Choices Study, a behavioral measure of generosity was elicited during a base year survey of more than 2000 college students between 2002 and 2004. Labor market outcomes were observed in follow-up surveys spanning 2004-2015. Altogether, more than 1200 participants were followed for seven to ten years. After many long hours recoding data from words (like "occupation") to numeric indicators (for example, =1 if the person is a teacher, =0 otherwise), I am at long last merging all components of all waves of data into a single panel so that relationships between base year generosity and later labor market outcomes can be investigated.

WILSON, GREG, Principal Investigator

Culture Contact and the Origins of Mississippian Culture
 UCSB: ISBER Social Science Research Grant Program (SSRGP)
 SS20WG 07/01/19 – 06/30/20 \$7,193

This grant would greatly facilitate my developing research project investigating how and why the complex preColumbian society of Cahokia extended its influence over the North American midcontinent. The proposed research targets an eleventh century archaeological site in Cass County of west central Illinois. This site appears to have been aloci for interaction among Cahokians and multiple different local groups. However, very little is currently understood about the processes of culture contact and Mississippianization that took place at this site and how they shaped the trajectory of Mississippianization throughout the region. Funding would provide a baseline for a future national Science Foundation grant to more fully investigate these issues.

WILSON, GREG, Principal Investigator

BROWN, KAITLIN, Co-Principal Investigator

Doctoral Dissertation Improvement Award: Local Response to International Change

National Science Foundation

2003428 / UCSB 20200497

03/01/20 – 07/31/21

\$23,150

The archaeological research project assesses the ways Chumash peoples navigated significant shifts in colonial policies and relations from the Spanish to Mexican period at Mission La Purisima Concepcion. While the initial goal of the mission system was to convert local peoples into loyal Spanish subjects, new policies under the Mexican government helped free mission Indians from Franciscan rule and provided opportunities for them to become nuevas ciudadanos (new citizens). Yet, the effects of these social orders and the extent to which they helped mission laborers remains little understood. In fact, the discontinuation of Spain's financial support to Alta California following the Mexican Revolution may have led to more control over Native peoples inside the mission in order to meet increasing labor demands. Archaeological data collected from distinct chronological/ stratigraphic contexts representing both the Spanish and Mexican periods at Mission La Purisima Concepcion will address one main question: how did the Chumash navigate the retreat of the Spanish frontier inside the Mission space? In order to investigate this issue, a comparison of archaeological assemblages representing labor practices, craft industries, foodways, and trade and exchange will be conducted from a single Chumash community to assess change and continuity over time. A three-phase data collection program will be used to test expectations about the relationships between material correlates and indigenous notions of identity, differential access to resources through time, change and continuity in indigenous practices, and the complexities of community during the Mission period.

ZHAO, XIAJIAN, Principal Investigator

Ethnic Businesses in the Global Era

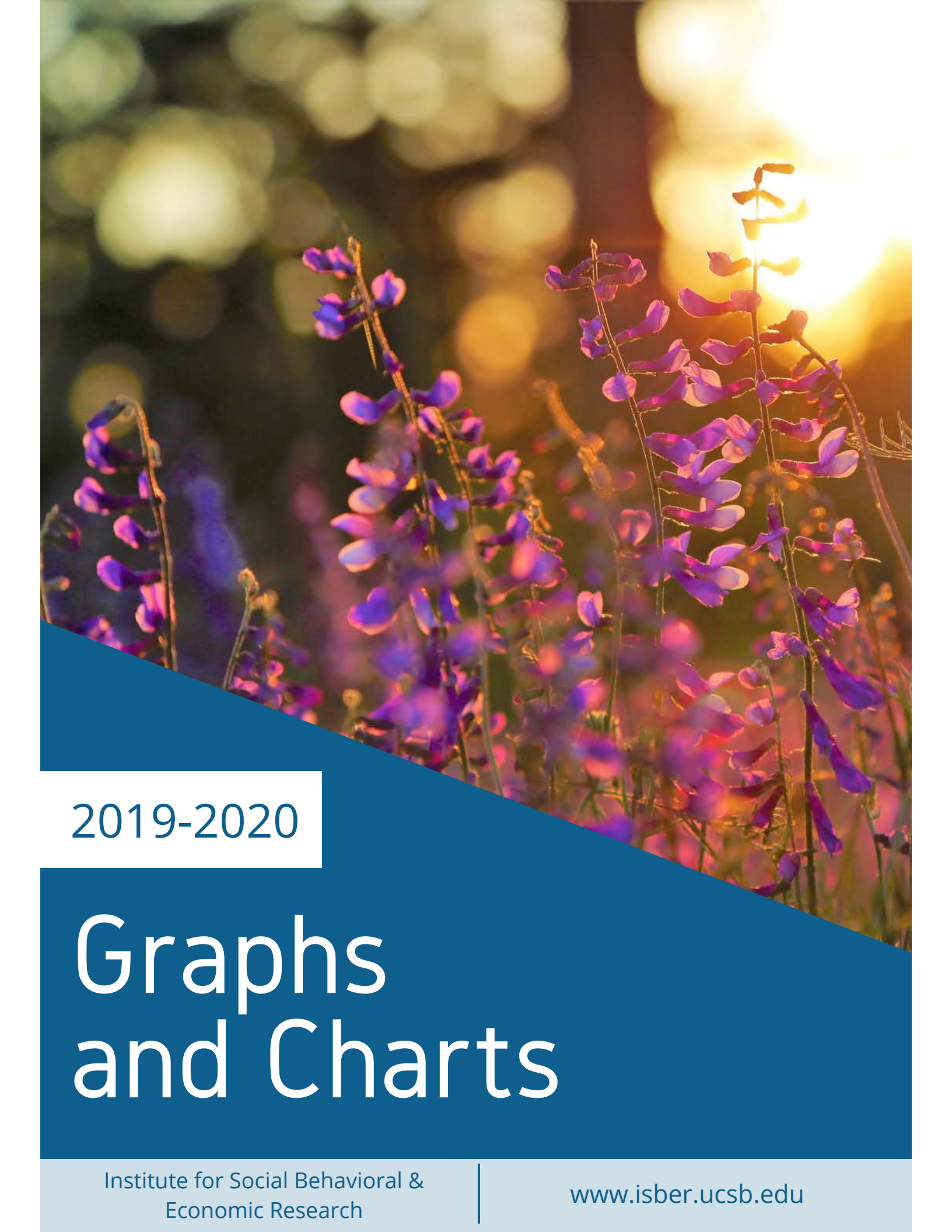
UCSB: ISBER Social Science Research Grant Program (SSRGP)

SS20ZX

07/01/19 – 06/30/20

\$4,000

This project explores opportunities and vulnerabilities for ethnic entrepreneurs in the age of global migration and global economy. It examines globalization from bottomup by looking at the roles of Korean and Chinese immigrant businesses in the United States and their networks in the fashion industry. The changing structure of manufacturing and the frequencies of transnational activities in production and marketing provided more opportunities for small business endeavors, giving immigrants and their children an advantage in business networks across borders. Small in size, these businesses play important roles in global supply chain production. At the same time, segmented production process in an integrated global economy led to intense competition among business owners, rendering small entrepreneurs most vulnerable in the game.



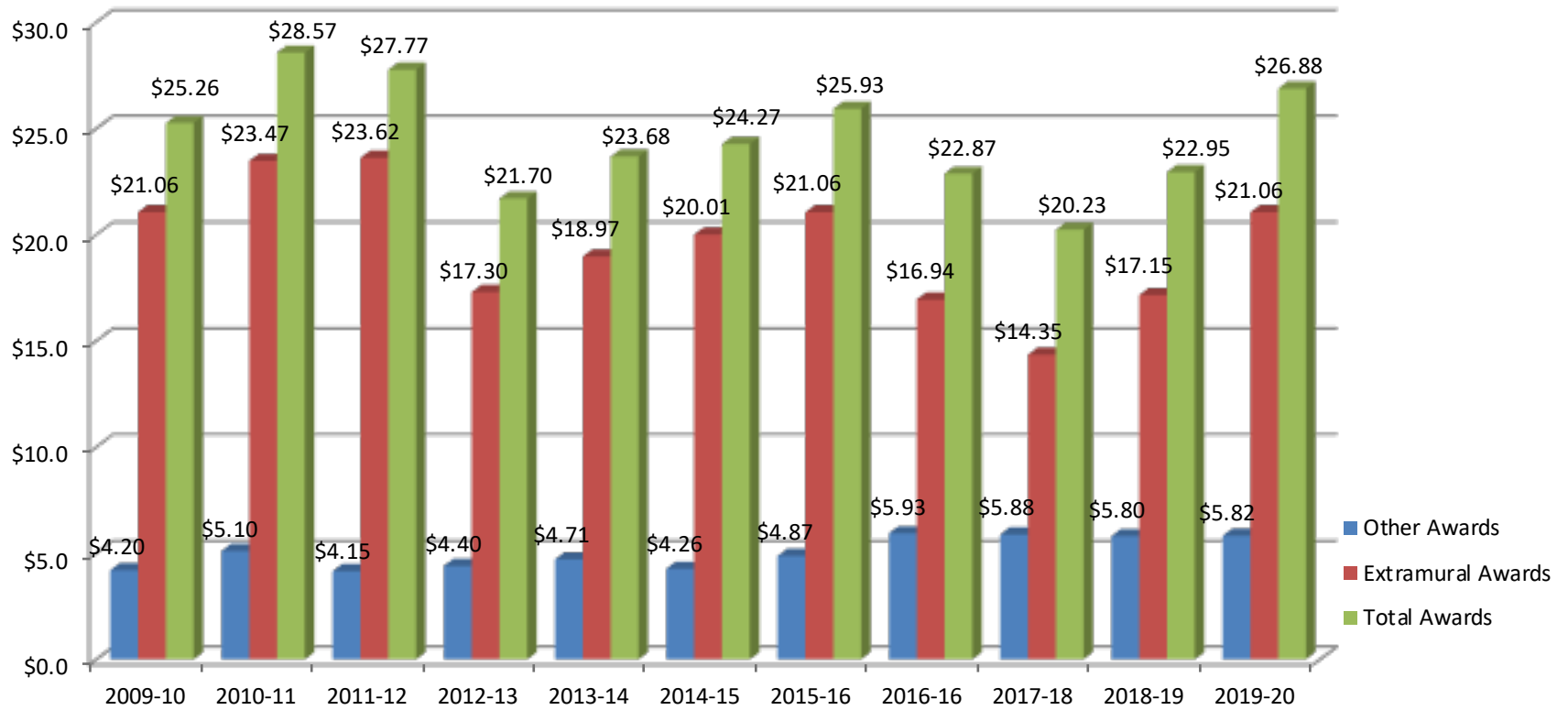
2019-2020

Graphs and Charts

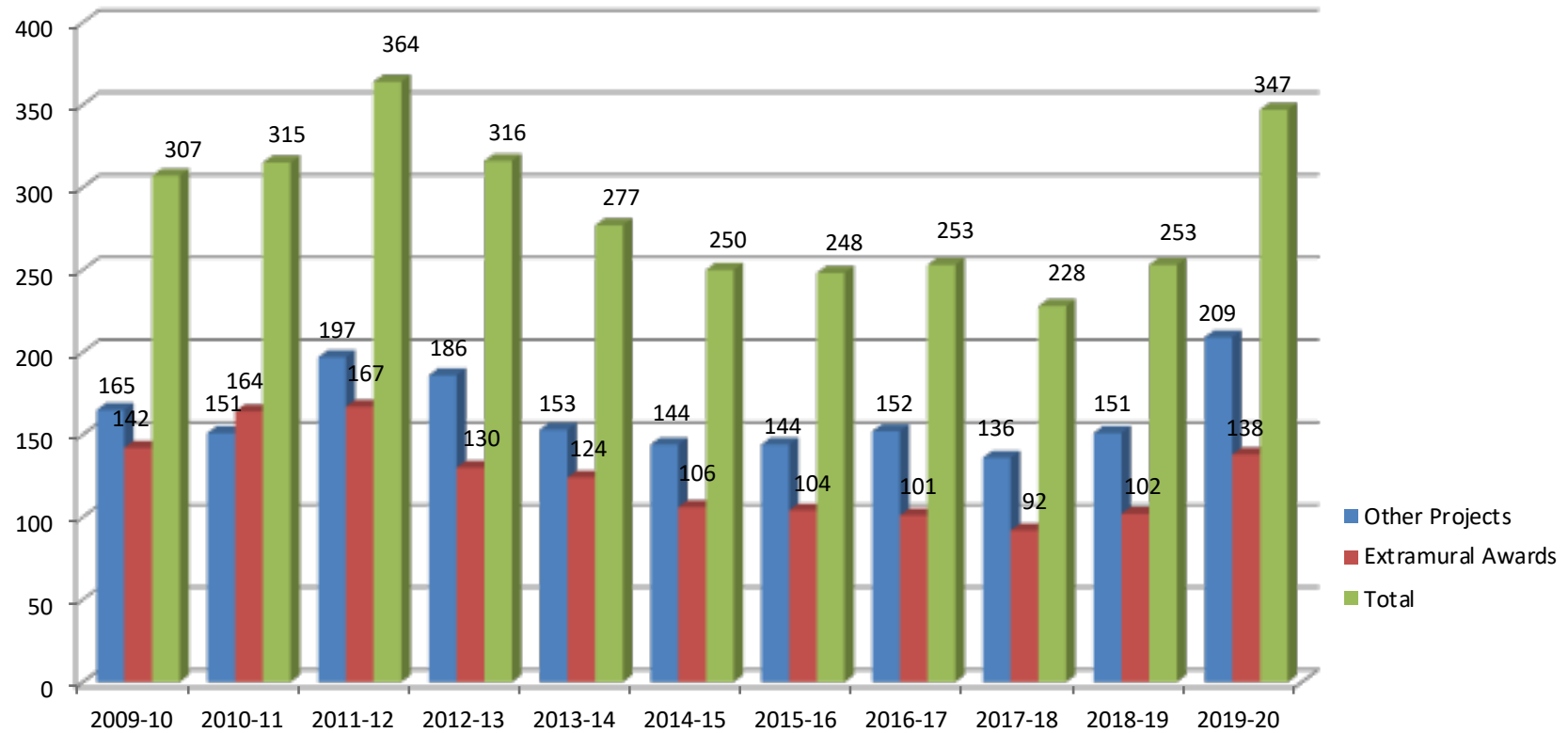
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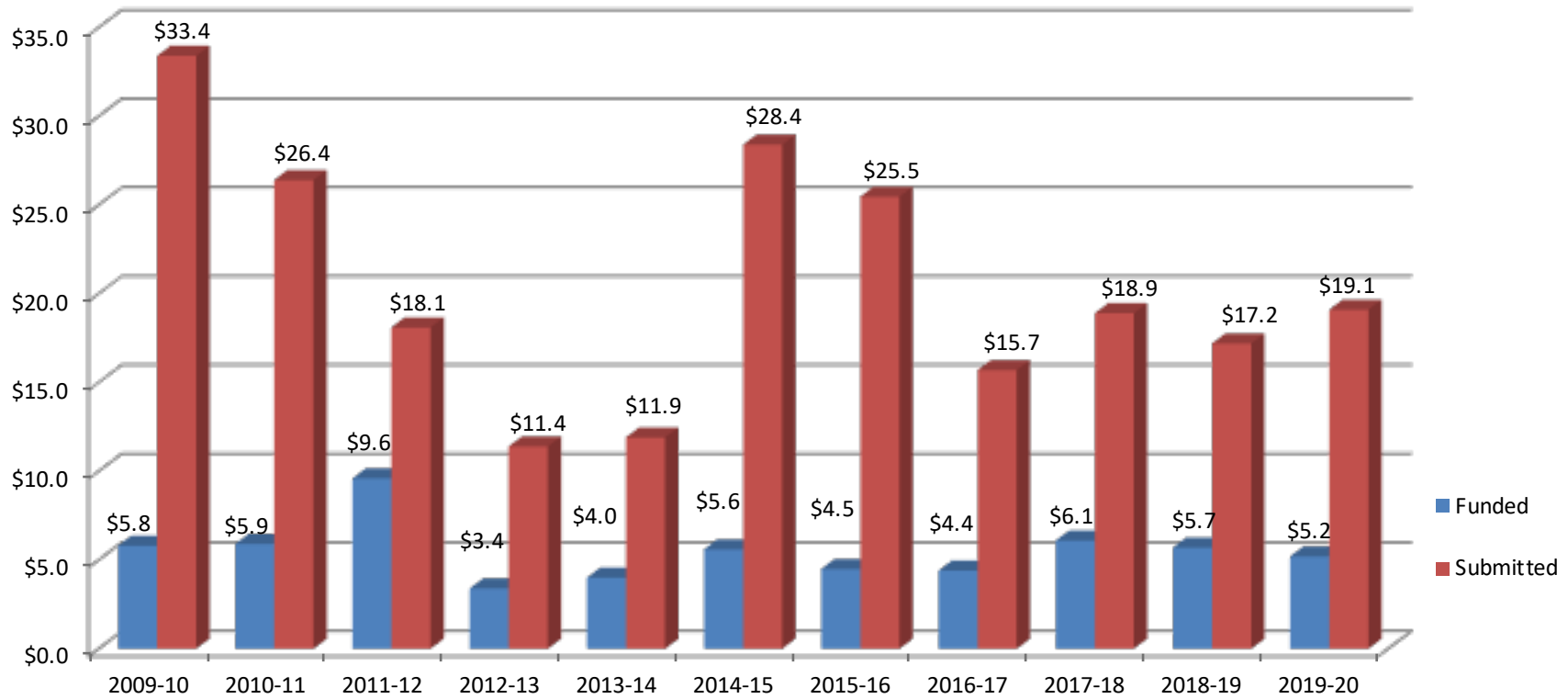
ISBER
Value of Projects Administered
Extramural, Others, and Total
2009-10 through 2019-20
(millions of dollars)



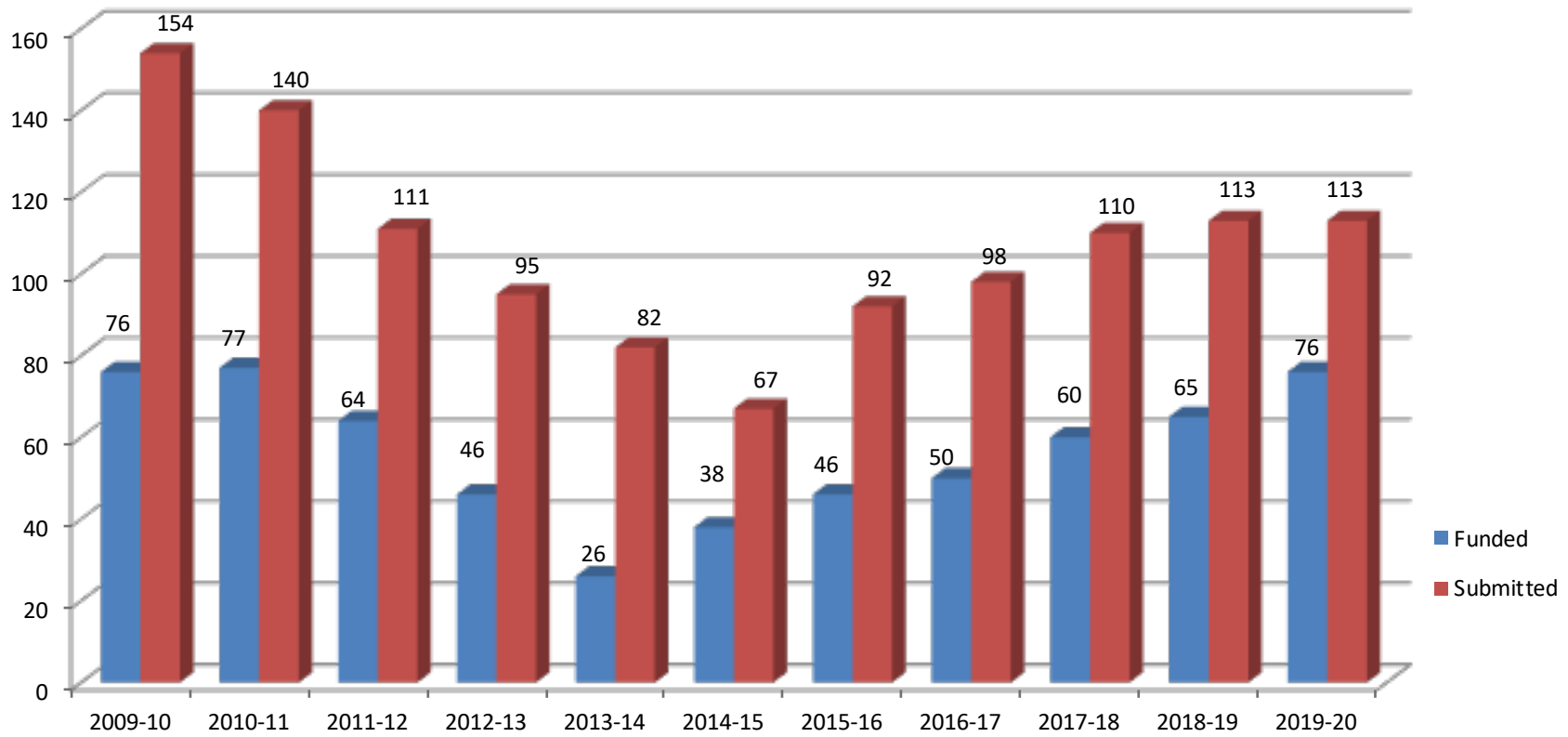
ISBER
Number of Projects Administered
Extramural, Others, and Total
2009-10 through 2019-20



ISBER
Value of Proposals Submitted and Funded
2009-10 through 2019-20
(Excludes Royalties & Gifts)
(millions of dollars)



ISBER
Number of Proposals Submitted and Funded
2009-10 through 2019-20
(Excludes Royalties & Gifts)



ISBER
Funds Administered
2009-10 through 2019-20
(millions of dollars)

