

ANNUAL REPORT

1982-1983

Harold L. Votey, Jr.
Director

COMMUNITY AND ORGANIZATION RESEARCH INSTITUTE

University of California, Santa Barbara

THE DIRECTOR'S STATEMENT

The 1982-83 fiscal year has been one in which effort in terms of amount of funding sought has risen 8.6%, from \$3,234,469 in 1981-82 to \$3,512,722 in 82-83. Proposals funded increased from twenty the previous year to twenty-two, an increase of 10%. Total funds granted by June 30 came to \$793,399, versus \$809,889 for 82-83, a 2% decline.

While we would prefer to have maintained the growth record of 27.1% average annual growth in funds granted for the previous ten years, still we are gratified to be able to report a modest growth in effort and number of grants obtained. This is an achievement in itself in a year characterized by budget restraint at federal and state levels and widespread earnings declines in the private sector.

This has been a year to take stock since it was the year for CORI's regular 5-year Review. The final response to that review is not yet in, but it seems in order to repeat a number of the comments that were made in CORI's report for the occasion. What follows, beginning with a review of CORI's response to its charge by the Regents is taken from that report.

CORI -- A RESOURCE FOR BASIC RESEARCH

CORI's first charge has been to "serve as a major resource for basic research in the social sciences with faculty participation in interdisciplinary research." This is, in reality, a twofold objective. It is one thing to be a major resource for basic research, and quite another to be able to claim that that research is truly interdisciplinary. Thus, this report will treat this part of the charge as two separable objectives. CORI's success as a resource for basic research will be the first considered.

A number of indicators can be used to measure success as an organized research unit. Most measures are, in a very real sense, inputs rather than outputs to the research process, but nonetheless they can be regarded as measure of success for CORI simply because serving as a research resource implies the ability to attract resources.

Among these indicators are participation by faculty, professional researchers, and graduate students. Numbers year by year are indicated in Table I. Referral to earlier reports indicates clearly that current success in attracting research personnel and activities far exceeds the prior record and, over the past five years, CORI has shown solid growth in this area.

Table I.

PERSONNEL AFFILIATED WITH C.O.R.I.

	<u>78/79</u>	<u>79/80</u>	<u>80/81</u>	<u>81/82</u>	<u>82/83</u>
A. <u>Extramural Funds</u>					
Faculty	20	15	14	32	36
Professional Researchers	2	2	3	6	5
Specialists	0	0	1	2	3
Postgraduate Researchers	6	4	9	10	3
Graduates	23	47	19	27	23
Undergraduates	18	7	9	8	6
Fellowships	12	9	7	5	4
Clerical	3	5	7	6	2
B. <u>University Funds</u>					
Administrative	3	3	3	5	5
Professional	5	3	3	2	3
Technical	5	4	2	2	1
Clerical	5	4	4	8	2
Seed money recipients	20	6	9	15	6

The extent of participation by persons off-campus has grown as well, as indicated by the increase from two faculty members in 1978-79 to twenty in 1980-81 as reported in our annual reports. In addition, in that later year four persons from industry and two from government participated in CORI activities.

Possibly the most dramatic indicator of CORI success has been in the area of attracting extra-mural funding. The CORI growth record is presented in Figure 1 for both the number of successful proposals and the dollar amount of funds granted. The average annual growth rate for funds granted for the ten intervals beginning with the 1971-72 year total is calculated to be 27.1%. For the 1981-82 year of operations the increase was over 21.5% over the level for the previous year. This growth picture is further supported by the pattern in numbers of proposals approved for funding, although the more recent years have been characterized by a somewhat slower growth in the number of funded proposals. That pattern has been offset in terms of research output by the fact that the size of grants has been growing. That grants are growing larger, in itself, should be viewed as a healthy indicator of CORI client success.

We who administer CORI would like to be able to take full credit for success reflected by these figures. In truth, the success at acquiring grant funds must be credited to the quality of the research conducted by CORI clients and their success in achieving recognition in their respective fields. It is this and their willingness to continue to draft and submit sound proposals for research that has led to continued success in acquiring extra-mural funds in the face of reported declines in funds availability.

The role that CORI plays in this process is that of providing an increasing array of services to its client group. We have always prided ourselves in paying careful attention to priorities that field proposals on time when deadlines are tight. Budgets are carefully drawn to attempt to obtain the resources researchers require for their research while being credibly tight from the perspective of funding agencies. CORI provides services in terms of grant administration that we believe have improved in quality and scope over the years. Our facilities for word processing and copying have been expanded to promptly and efficiently produce completed drafts of papers and reports as well as prepare proposals. We maintain our own printers for research output and convenient photocopy equipment for research staff. Research space has been consolidated and upgraded to provide a better working environment for the

people conducting research. We try to provide high quality administrative support for dealing with grantor agencies, hiring research personnel, purchasing, accounting for grant funds and for research correspondence. It is our hope that we make the process of conducting research within the university more of a pleasure and less of a situation where a maze of regulations seemingly interfere with productive effort. It is our hope that, in some degree, success in expanding our client group and our clients' success in obtaining funding is a consequence of the development of a mutually beneficial service organization.

SUCCESS AT DEVELOPING INTERDISCIPLINARY RESEARCH

Over these past five years a sustained effort has been maintained to attempt to broaden the disciplinary base of CORI and to get client faculty involved in truly interdisciplinary research. This has not been an easy task, since faculty in general tend to feel more comfortable working strictly within their own disciplines. The different disciplines invariably have different points of view approaches, and expected outcomes from investigations on any given subject. Major philosophical differences that often characterize different disciplines cannot help but influence their approaches. Investigative techniques are often dissimilar to the extent that members of one discipline frequently do not fully understand what members of another are

doing with respect to a particular topic, at least not without considerable investment in time and effort. This is, of course, one reason for establishing organized research units outside of academic departments. At the same time, however, within one's own discipline it is possible that one will be criticized for straying too far from the accepted subject matter and analytical techniques of the discipline. This is particularly a concern with untenured members of the faculty. As a consequence of this, the fact that members of different disciplines on the same campus may be conducting research on the same topics does not necessarily establish sufficient conditions for interdisciplinary research to take place.

CORI's approach to this problem has been, first, to attempt to involve greater participation in submitting research proposals by those disciplines not previously well represented among CORI clients. One effort in this direction has been the appointment of Terence Smith as Associate Director, to be funded with summer salary, with the express intent that he focus his efforts for CORI on the task of broadening the disciplinary base. In addition, for each of two years, beginning at the same time Terry became affiliated with CORI, funding competitions were established in which CORI provided seed money to faculty who were willing to draft new and fundable proposals for submission for extra-mural support. Responses have involved the discip-

lines of biology, economics, environmental studies, geography, geology, history, political science, and sociology.

A substantial number of the original recipients of this 'seed money' support remain CORI clients who have by now been funded over several years from external sources. Much of this broadening that has taken place can be attributed to Terry's efforts to make it effective. While the method for allocating 'seed money' has been changed over time, CORI continues to make good use of seed money allocations to encourage worthwhile proposals. Other activities have been organized to broaden participation in CORI activities. In December 1978 a national conference on taxation was held on the UCSB campus under the direction of Associate Director Perry Shapiro funded by HUD. This conference brought to the campus experts on public finance, both from academia and government. A result of the conference was the publication of a symposium issue of the National Tax Journal as well as stimulation of considerable research ultimately published in other places.

A series of important international conferences were organized by Haruhiro Fukui and Peter Merkl dealing with the topic "A Comparative Study of Economic Development Policies in Postwar Japan and the German Federal Republic". That project first obtained funding in 1979-80 and is being completed this year with the final editing of a proceedings volume including papers by an international group of scholars.

A continuing and major program within CORI is the Health Data Research Facility directed by Ronald Williams. That project began as an investigation into the epidemiology of perinatal mortality and the effectiveness of medical and hospital resources and quality of care on birth survival. As the program has evolved the facility became the recipient of a large aggregate of California vital records data. Information from the resultant data base continues to be disseminated to a wide variety of recipients, ranging from state and local agencies to international research institutions. More recently, the facility has been conducting research and development on software for computerizing certificates for births, deaths and other vital records. A pilot program for computerized birth records for Santa Barbara County, supported with Federal, State, and local funds is becoming the model for nationwide birth registration.

Research through this facility has involved Dr. Williams and scholars from the medical centers at UCSF, UCLA, UCSD, and USC as well as state public health physicians. Staff have been graduate students in economics and computer science, who combine expertise in biostatistics, computer systems and software development, and economics in order to develop and analyse health data and optimal resource allocation in health care.

During the 1982 calendar year Terry Smith has been active in attempting to stimulate research in non-linear decision systems. This activity began with a series of meetings in Washington, D.C. in January of 1982 between representatives of twelve universities and four directorates of NSF. In December of 1982 a conference supported by NSF was held in Santa Barbara under Terry's leadership to attempt to establish an agenda for basic research in this area. This would definitely need to be an interdisciplinary effort that will involve substantial resources. It will be some time before the impact of this initial effort can be evaluated.

Beginning in 1979 CORI has been involved with a cooperative education and training program that features an exchange of students in business between the Universidad Autonoma de Nuevo Leon, Monterrey, Mexico and UCSB. The program is now entitled the Business Economics Exchange Program (BEEP). That program began to exchange students in the Fall of 1981 with two students from Monterrey in residence at Santa Barbara and two UCSB students at Monterrey for the academic year to study business at the M.A. level. The program is jointly sponsored by CORI and the Department of Economics. It additionally has involved the Department of Anthropology and Spanish in planning. Initial funding has come from the UCSB campus and UC-MEXUS funds. A research and development component of that program has also involved

the Departments of Anthropology, Economics, Spanish, Speech and the Center for Chicano Studies. The program is under the direction of John Pippenger, an Associate Director of CORI. John also has served as chairman of the University Wide MEXUS committee.

As a part of the BEEP program there has been an exchange of faculty for purposes of teaching and for organizing mutually beneficial research on issues involving both Mexico and the U. S. Topics that have been involved have included transportation, labor migration, and trade. An upcoming program that will involve persons in business and diplomacy is entitled "The Socioeconomic and Political Situation of Mexico". Participants in the Round Table-Debate are from the two countries with individuals from the disciplines of Economics, Political Science, Sociology, Spanish and Speech attending.

Since the 1979-80 year CORI has been sponsoring an Econometric-Socioeconometric Seminar series in cooperation with SPRI . This seminar program was initially co-chaired by Richard Berk (Soc) and Thomas Cooley (Econ). More recently Tom Cooley has assumed the full responsibility for the organization of seminars. The series has been a truly interdisciplinary activity involving speakers in Economics, Geography, Psychology, and Sociology from top institutions across the U. S.

these has been the Applied Economics Program that began as the Urban Economics Program. That program began in 1972 and, over the years, has received in excess of half a million dollars in federal support largely from the National Science Foundation. Graduates of the program with M.A. degrees in economics have had excellent acceptance on the job market, often starting, with salaries that have exceeded the teaching salaries of the faculty directing the program. That success has been due, in no small measure, to the rigor of the program that involved eighteen months of classroom training and a directed internship experience with a public sector agency or private firms. These internships have been concentrated primarily in the local tri-county area but have been as far away as the San Francisco Bay area.

More recently, CORI has been involved with the Public Historical Studies program administered by the Department of History. This program graduates students at both the M.A. and Ph.D levels. The innovativeness of that program has brought national recognition and the support of the Rockefeller Foundation as well as other important funding sources. Interns in that program are conducted at the state level as well as operating in the local communities.

Finally, the Business Economics Exchange Program, mentioned previously, is currently involved with a faculty and student exchange program between the Universidad Autonoma de Nuevo Leon in Monterrey, Mexico and UCSB. It is a product

A partial list of research areas and the disciplines involved as presented in Table II gives some idea of the breadth of CORI activities across the various disciplines' interests.

This is not intended to be an all-inclusive list and some important research conducted by CORI clients may not be perceived by them to fall under one of these headings.

Other measures of CORI output include an extensive list of seminars presented at CORI or by CORI clients and workshops conducted here. This list keeps growing year by year and in the past year has involved an international roster of scholars dealing with a broad range of topics.

The ultimate measure of output of any research operation is that of research papers presented and published. This, better than anything else is an indicator of the completed work contributed by CORI clients as the final product of extra-murally funded research.

TRAINING OF STUDENTS

Training takes two forms within CORI operations. First there are programs affiliated with CORI in cooperation with academic departments whose express purpose is graduate education and training. The first and longest established of

Table II Representative CORI Research Projects and Disciplines Involved

Research Area	Disciplines:											
	Anthropology	Biostatistical	Computer Sci.	Economics	Education	Elect. Eng.	Geography	History	Political Sci.	Sociology	Spanish	Speech
Comparative Economic and Political Systems				X					X			
Crime Studies				X						X		
Earthquake Policy				X					X			
Election Behavior									X			
Health Economics		X	X	X								
History Using Computer Technology as a Research Tool			X					X				
Housing Market Behavior				X			X					
International Business				X								X
Natural Resource Studies	X			X								
Population Research				X								
Public and Oral History											X	
Spatial Knowledge-Childrens' Acquisition of Large Scale					X		X					
Speech Disabilities and Learning Reproduction						X						X
Water Resource Use				X				X				X

of cooperation between CORI and the Department of Economics, with participation by Anthropologists and members of the Department of Spanish.

In addition to formal training programs, CORI is involved with student training through the large number of students providing assistance on grants. The extent of that participation has been maintained at a high level. In the 1978-79 year 18 undergraduate students, 23 graduate students, and 6 post doctoral students were involved in CORI research and training for a total of 47. The totals for subsequent years have been 68, 37, and 45. The year to year variation has been high because, whereas the training programs provide a substantial degree of stability, involvement of students in research varies with the nature of projects which sometimes have a much higher component of student to faculty involvement than others.

MAKING SOCIAL SCIENCE TECHNIQUES AND DATA AVAILABLE TO THE COMMUNITY

CORI has been involved in a number of ways in making scientific techniques and data available to the community. Most notable in this regard are the activities of the Urban Economics Program, that more recently took the title of Applied Economics Program, and the Public Historical Studies Program. Both of these programs have been involved in community research and analysis through the directed intern-

ships that have placed graduate students in an array of public sector activities. An additional indicator of how the Urban Economics programming has provided information useful to local decisionmaking has been the Research Reports on Public Policy that have been circulated to major research libraries including the Library of Congress, as well as being made available to local public agencies. Another measure of this output is the substantial number of publications by CORI clients in journals that are more of a public nature than journals whose readership is limited to the scientific community. Most CORI researchers have at least one or two such papers on their publications lists -- papers that have often been invited by groups who wish to obtain less technical versions of important researcher results. A number of CORI clients periodically speak before public groups and inevitably those talks are a consequence of the research for which they became known.

FUTURE PLANS

Future plans for CORI involve expansion of existing activities in a number of ways. The Health Data Research Facility, under the direction of Ron Williams, is planning to expand its pilot development of recording systems for birth registry to Los Angeles County. This will involve making the facility's PDP-11/45 computer capabilities available throughout the state.

for four researchers and for the extensive computer equipment essential to the conduct of that operation. New facilities in the form of research modules for as many as seven CORI researchers are provided in adjacent space with potential connections for terminals, printers or other equipment essential to the conduct of research as well as very adequate and well lighted workspace suitable for productive work.

CORI's philosophy will continue to be to provide the help and concerted effort to produce research proposals that will be funded, on time and to the most likely receptive grantor agencies, and then to provide every possible assistance to make the conduct of that research pleasant, productive, and to the credit of the University.

SUMMARY OF HIGHLIGHTS

- July 1982 Proposal funded: Automated Vital Statistics System: Linkage of Birth and Death Certificates," R.L. Williams, California Department of Health Services, Maternal & Child Health.
- Proposal funded: "Salinity and Drainage in the San Joaquin Valley, 1870-1980: An Historical Perspective." R. Kelley, Water Resources Center, UCD.
- Proposal funded: "Domesday Book Data Base," C.W. Hollister and R. Fleming, NEH.
- Proposal funded: "A Proposal to Investigate the Scientific and Policy Impacts of the Research Program of the Water Resources Center, University of California," D. Mann, Water Resources Center, UCD.
- Proposal funded: "MCH Statistical Data Base: Application and Dissemination," R.L. Williams, California Department of Health Services.
- Proposal funded: "Training Professional Personnel in the Education of the Handicapped," M. Mendel, Department of Education.
- August 1982 Proposal funded: "The Demand for Local Public Goods," P. Shapiro, D. Rubinfeld, T. Bergstrom, NSF.
- Summer History Institute, co-sponsored with the Santa Barbara Historical Society at UCSB, G. Wesley Johnson, director.
- September 1982 Proposal funded: "A Computational Process Approach to Children's Acquisition of Spatial Knowledge of a Large-Scale Environment," T. Smith, R. Golledge, J. Pellegrino, NSF.
- Proposal funded: "Workshop in Non-Linear Decision Systems," T. Smith, NSF
- Proposal funded: "Extension of the Region 6 Analysis to Include 80/81 Data," W. J. Mead, USDA Forest Service.
- October 1982 Proposal funded: "An Automated Vital Statistic System," R.L. Williams, NIH.
- Applied Economics Program Seminar sponsored by CORI. Guest speaker: Larry Shellhorse, San Diego Gas and Electric Co.
- November 1982 Workshop in Econometrics sponsored jointly by CORI and SPRI. R. Craine, Prof. of Economics, UCB spoke on the topic "Are Rational Expectations Real?"
- Applied Economics Program Seminar sponsored by CORI. Guest speaker: L.O. Hanion, Security Pacific Bank, Los Angeles.

- December 1982 Proposal funded: "The Private and Social Costs of Alternative Electric Power Technologies for California," W.J. Mead, UCB Energy Research Group.
- Proposal funded: "US/Mexico Business Economics Exchange Program (BEEP)" J. Pippenger, program administrator, Systemwide.
- Workshop in non-linear decision problems, T. Smith, facilitator. Held at La Casa de Maria and sponsored by NSF's Office of Interdisciplinary Research.
- Workshop in Econometrics sponsored jointly by CORI and SPRI. L. Wegge, Prof. of Economics, UCD, spoke on the topic "Identification of Dynamic, Linear Models of Rational Expectations." E. Leamer, UCLA, spoke on the topic "Errors in Variables."
- January 1983 Workshop in Econometrics sponsored jointly by CORI and SPRI. A. Wiess, UCSD, spoke on the topic, "ARCH and Bilinear Time Series Models."
- Applied Economics Program seminar sponsored by CORI, with R. Leiter, City of Ventura, and M. Doane, Arthur Little, Inc., guest speakers.
- February 1983 Workshop in Econometrics sponsored jointly by CORI and SPRI. D. Fraser, USC, spoke on the topic, "Does Conditionality Imply Likelihood?"
- March 1983 Proposal funded: "Oral History Project," Marian A. Johnson, UCSB Foundation.
- Applied Economics Program seminar sponsored by CORI, with guest speaker F. Coito from the San Diego Gas & Electric Co.
- April 1983 Applied Economics Program seminar sponsored by CORI, with guest speaker Alfred Lowey-Ball from the Santa Barbara County Health Care Services.
- M. Hartley from The World Bank, Washington, D.C., spoke on "Neoclassical Econometrics," at the Econometric seminar sponsored jointly by CORI and SPRI.
- May 1983 Conference on "Mexico in Crisis: Social, Economic, and Political Problems," sponsored by the Business Economics Exchange Program (BEEP), for the purpose of promoting international understanding within the community of the problems existing between the two countries.
- C. Granger, UC San Diego, spoke on "Co-Integrated Variables and Error-Correction Models," at the Workshop in Econometrics sponsored jointly by CORI and SPRI.
- The Southwest Oral History Association Conference is held at UCSB., M.A. Johnson, facilitator.

June 1983

Proposal funded: "The Impact of Immigrants on the Earnings of Natives in the US. Labor Market," G. Borjas, Rockefeller Fdn.

Proposal funded: "Review for the Exposition Park, Multicultural State Recreation Area Project," C. Pursell, California Parks & Recreation Department.

Proposal funded: "Development of Solar Illumination Images for Chaparrall Modeling in Southern California," J. Estes, USDA Forest Service.

Harold Votey attends a conference sponsored by the National Institute of Justice on Crime Control Theory and discusses the possibility of holding the conference here at UCSB next year.

Principal Investigator: Maurice Mendel, Associate Research, Speech
Staff: Sherry Gottlieb, Field Supervisor
Kathleen Gulje, Associate

Title: Training Professional Personnel in the Education of the
Handicapped (Project to prepare professional personnel to
work with the speech and hearing handicapped)

Abstract: The Speech and Hearing Center at the University of California,
Santa Barbara is committed to a strong academic program for
the purpose of educating students to work with the handicapped.

Principal Investigator: Marian Ashby Johnson, Administrator
Staff: Deni Stevenson, Lab. Asst.
James Norris, Lab Asst.

Title: Oral History Program

Abstract: The initial phase of the Oral History Program was to
organize the Office of Oral History, located in the UCSB
Library. The goal of the second phase of the program is to
carry out a series of taped oral history interviews with
personalities who have been involved in the establishment of
the City of Santa Barbara.

Principal Investigator: C.W. Hollister, Research Historian

Co-Principal Investigator: Robin Fleming

Students: Corinne Vaus, Research Assistant
Mark Weitzel, Assistant
Henrique Tono, Assistant
Katherine Mack, Postgrad. Res. Historian

Title: Domesday Book Data Base

Abstract: Domesday Book, the comprehensive English land survey undertaken
by William the Conqueror in 1086, is a geographical and histor-
ical record of unique importance, unmatched in England until the
nineteenth century. This project is to create a data base from
this document, designed to make any of the more than three
million pieces of information quickly and easily accessible.

Principal Investigators: Perry Shapiro, Research Economist
Theodore Bergstrom, Visiting Research Economist
Daniel Rubinfeld, Visiting Research Economist

Students: Judith Roberts, Postgraduate Research Economist
Basu Paranta, Research Assistant

Title: Studies in Local Public Finance

Abstract: This project involves the study of a number of empirical and
theoretical questions in local public finance, with emphasis
placed on the demand for public goods in a system with many
local jurisdictions.

Principal Investigator: Marian Ashby Johnson, Administrator
Title: Santa Barbara and the City Beautiful Movement
Abstract: This project will present slide shows and talks by humanists on the history and meaning of the so-called "city beautiful movement" that helped shape Santa Barbara during the past 75 years. Oral history interviews will be carried out with relevant persons to supplement the existing oral interviews and documentary collections.

Principal Investigators: John E. Estes, Research Geographer
Terence R. Smith, Research Geographer
Donna Peuquet, Asst. Research Geographer

Students: Micha Pizner, Postgrad. Res. Geographer
Chen Zitan, Research Assistant

Title: Knowledge Based Engineering for Data Base Management and Use

Abstract: The proposed research will build a working test bed system involving "real" data and running computer programs that can be used in demonstration sessions.

SEMINARS AND CONFERENCES

Workshops in Econometrics (Jointly with SPRI)

Thomas Cooley and William Parke, Directors

- | | |
|---------------|---|
| November 1982 | R. Craine, UC Berkeley, "Are Rational Expectations Real?" |
| December 1982 | L. Wegge, UC Davis, "Identification of Dynamic, Linear Models of Rational Expectations." |
| December 1982 | E. Leamer, UCLA, "Errors in Variables." |
| January 1983 | A. Weiss, UCSan Diego, "ARCH and Bilinear Time Series Models." |
| February 1983 | D. Fraser, UC Santa Cruz, "Does Conditionality Imply Likelihood?" |
| April 1983 | M. Hartley, World Bank, "Neoclassical Econometrics." |
| April 1983 | A. Havenner, UC Davis, "Classical Econometrics and Stochastic Optimal Control: Wait, You've Been Doing it All Wrong!" |
| May 1983 | C. Granger, UCSan Diego, "Co-Integrated Variables and Error-Correction Models." |
| June 1983 | D. Poirier, UCB. |

Applied Economics Seminars

George Borjas, Program Director

- | | |
|---------------|--|
| October 1982 | Larry Shellhorse, San Diego Gas & Electric |
| November 1982 | L. O'Hanion, Security Pacific Bank, Los Angeles |
| January 1983 | R. Leiter, City of Ventura |
| January 1983 | M. Doane, Arthur Little, Inc. |
| March 1983 | F. Coito, San Diego Gas & Electric |
| April 1983 | A. Lowey-Ball, Santa Barbara County Health Care Services |

Public Historical Studies Program

G. Wesley Johnson (History), Director

Graduate Seminars:

Historical Methods of Social Science, Profs. Brownley, Harris and Cohen
Cultural Resource Management Development, Prof. Pursell
Public Policy, Prof. Coleman
Science and Technology in America, Prof. Pursell
Community History, Prof. Johnson and staff

Summer History Institute, August 1982, co sponsored with the Santa Barbara Historical Society.

Workshop in Non-Linear Decision Problems - December 12-15, 1982, La Casa de Maria
Terence R. Smith, Facilitator

Sponsored by NSF's Office of Interdisciplinary Research, the objective of the workshop was to develop a research agenda for a new discipline which draws upon non-linear systems analysis, cognitive science, and decision and control theory.

Participants

Richard Adams, Dept. of Anthro., Univ. of Texas
Peter Allen, Dept. of Physical Chemistry, Free Univ. of Brussels
Alexander Anas, Dept. of Civil Engr, Northwestern Univ.
Robert Ayres, Dept of Engr & Public Policy, Northwestern Univ.
John Casti, IIASA, Austria
Yupo Chan, Dept. of Tech. & Society, SUNY
Tsu-Shuan Chang, Col of Engr and Applied Sci, SUNY
Robert Crosby, Dept. of Transportation, Washington, D.C.
Rose Cruz, Coordinated Sci. Lab, Univ. of Illinois
Les Curry, Dept. of Geography, Univ. of Toronto
Kenyon Degreene, Dept. of Human Factor, USC
Dimitrios Dendrinis, School of Urban Planning, Univ. of Kansas
Rudolph Drenick, Dept. of Elec. Engr. Polytech, Inst. of N.Y.
William Garrison, Inst. for Trans. Studies, UCB
Richard Goulet, Office of Interdisciplinary Research, NSF
Britton Harris, Univ. of Penn., Philadelphia
Hani Mahmassani, Dept. of Civil Engr, Univ. of Texas
William Rowe, Inst. for Risk Analysis, American Univ.
Anthony Sebald, Applied Mech. & Engr. Sci., UCSD
Robert Thrall, Dept of Math. Sci, Rice Univ.
Graham Toft, Potter Eng. Ctr, Purdue Univ.
Kent Wall, Dept. of Engr. Sci. & Syst., Univ. of Virginia
Alexander Woodcock, Gaithersburg, MD
Armen Zemanian, Coll. of Engr. & Applied Sci, SUNY

Southwest Oral History Association Conference - May 14-15, 1983, UCSB
Marian Ashby Johnson, Director

Speakers

Thomas Charlton, Baylor University
Lorna Hedges, Santa Barbara Museum of Art
Enid Douglas, Claremont College
G. Wesley Johnson, UCSB
Ray Smith, UC San Diego
Dale Treleven, UCLA
Mich Tuchman, UCLA
Karen Welman, Univ. of Arizona

"Mexico in Crisis: Social, Economic and Political Problems," May 19-20.
Sponsored by the Business Economic Exchange Program (BEEP)
Organized by Maritza Elias.

Businessmen, educators, and political figures from Mexico gathered with their United States counterpart for a panel discussion on the social, economic and political problems of Mexico. Dr. Raymond Sawyer, The Vice Chancellor of UCSB, gave the welcoming comments. Dr. Glen Mills, professor emeritus of speech, moderated both panels, and Lic. Javier Escobar y Cordova, Consul General of Mexico in Los Angeles, was the guest of honor.

Panelists

Ricardo Cavazos, member of Mexico's House of Representatives. Topic: "Mexico's Financial Situation as it Pertains to the Oil Industry."
Jose Angel Conchello, lawyer, author. Topic: "Mexico in the Crossroads."
Juan Vicente Palermo, La Universidad Autonoma Metropolitana, Mexico. Topic: "The Agrarian Questions and the Economic Crisis in Mexico."
John Pippenger, Prof. of Economics, UCSB. "Current Annual Rate of Inflation."
Sanford Gerber, Prof. of Speech, UCSB. Topic: "The Impact of the devaluation of the Peso on Research and Education."
Giorgio Perissinotto, Prof. of Spanish and Portuguese. Topic: "The Impact of the Devaluation of the Peso on Research and Education."
Ernesto Quintanilla, Economist, Universidad Autonoma de Nuevo Leon. Topic: "The Economic Development of Mexico."
Guillermo Rosales, businessman, Guadalajara. Topic: "The Nationalization of the Banking Industry."

PUBLICATIONS

Anagnoson, J.T.

"Equity Efficiency and Political Feasibility in Federal Project Selection Procedures," Policy Sciences, Vol. 14, 1982.

Bureaucratic Reactions to Political Pressures: Can a Grant Agency 'Manage' its Political Environment. Administration and Society, May 1983.

Home Style in New Zealand. Legislative Studies Quarterly, May 1983.

Borjas, G.

"The Earnings of Male Hispanic Immigrants in the United States," Industrial and Labor Relations Review, April 1982, pp.343-353.

"The Politics of Employment Discrimination in the Federal Bureaucracy," Journal of Law and Economics, Vol. 25, N. 2, October 1982, pp. 271-299.

"Labor Turnover in the U.S. Federal Bureaucracy," Journal of Public Economics, November 1982.

"The Substitutability of Black, Hispanic, and White Labor," Economic Inquiry, January 1982.

Fleming, R.

"Domesday Estates of the King and the Godwines: A Study in Late Saxon Politics," Speculum, in press.

Hollister, C.W.

"War and Diplomacy in the Anglo-Norman World," Proceedings of the Battle Conference. Forthcoming.

Johnson, G.W.,

The Public Historian (Editor-in-Charge)

Graduate student editorial assistants: Ruth Alexander, Eleanor Boba, Roger Kempler, Betty Kilsdonk, Rebecca McLeod, Konrad Hamilton, Katherine Scott, Sally L. Simon, Mary Titcomb, Melinda Wigginton

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Supervisor for Bookspan, Rebecca, ed., Santa Barbara by the Sea, collection of essays from the Public History seminar of G. Wesley Johnson, Santa Barbara, 1982, McNally and Loftin, Publishers, Santa Barbara. 236 pages.

Mead, W.J. with A. Moseidjord and P.E. Sorensen

"Efficiency in Leasing," International Energy Markets, Paul Tempest (ed.)
Cambridge, Mass. Oelgeschlager, Gunn, & Hain, 1983

Mead, W.J. with G. Pickett

"An Economic Analysis of Oil and Gas Leasing Experience under Profit Share
and Bonus Bidding with a Fixed Royalty," The Social Constraints on Energy
Policy Implementation, M. Neiman & B. Burt (eds), Toronto: Lexington Books, 1983.

Mercer, L.J., Morgan, W.D., Clingman, E.

Change and Efficiency in California City and Country User Charges Since
Proposition 13, California Policy Seminar Monograph, Institute of Govern-
mental Studies, University of California, Berkeley 1983.

Sourcebook: California City User Charges, Institute of Governmental Studies,
University of California, Berkeley 1982.

Sourcebook: California County User Charges, Institute of Governmental Studies,
University of California, Berkeley, 1983.

Mercer, L.J., Morgan, W.D.

"California City and County User Charges: A Postproposition 13 Assessment,"
Chapter in forthcoming book.

"The Relative Efficiency and Revenue Potential of Local User Charges:
The California Case," National Tax Journal, June 1983.

Nye, R.L.

"State vs Federal Agricultural Research Policy: The Case of California's
Tulare Experiment Station, 1888-1909." Agricultural History (forthcoming).

Phillips, L.

"Deterrence: A Rational Expectations Formulation," Time Series Analysis:
Theory and Practice (O.D. Anderson, ed.), North-Holland Publishing Co., 1983.

"Some Dynamic Models of the Provision of Public Safety and Justice," in
V. Kerry Smith, ed. Advances in Applied Micro-Economics (forthcoming).

Phillips, L, S. Ray, and H.L. Votey, Jr.

"Forecasting Highway Casualties: The British Road Safety Act and a Sense
of Déjà Vu," Journal of Criminal Justice (forthcoming).

Shapiro, P.

"Information and Residential Segregation" (with Judy Roberts), Resolving the Housing Crisis, M.B. Johnson, ed.

"Micro-based Estimates of Demand Functions for Local School Expenditures" (with T. Bergstrom and D. Rubinfeld), Econometrica, Sept. 1982.

Smith, T.R. and P.B. Slater

"A Family of Spatial Interaction Models Incorporating Information Flows and Choice Set Constraints Applied to U.S. Interstate Labor Flows," International Regional Science Review 6 15-31, 1982.

Smith, T.R., J.W. Pellegrino and R.G. Golledge

"The Implications of Computational Process Models for Spatial Behavior and Cognition," Geographical Analysis, in press.

Smith, T.R.

"Computational Models of Individual Decision-Making Behavior," American Association for the Advancement of Science, in press.

Slater, Paul

"A Partial Hierarchical Regionalization of 3,140 U.S. Counties Based on 1965-70 Migration," forthcoming in Environment and Planning A.

"Hierarchical Clustering of Mathematical Journals Based Upon Citation Matrices," Scientometrics, 5 (1983) 55-58.

"Migration Regions of the Philippines," Geojournal 6.5 (1982) 477-480.

Williams, R.L.

"Evaluating the effectiveness of perinatal regionalization in California during the 1970s," Journal of the California Perinatal Association 2: 75-81, 1982.

Williams, R.L., Chen, P.M.

"Decline in Perinatal Mortality," New England Journal of Medicine 307: 63-64, 1982.

"Controlling the Rise in Cesarean Section Rates by the Dissemination of Information from Vital Records." American Journal of Public Health (In press), August 1983.

Williams, R.L., Marinko, J.M.

"Toward a National Automated Vital Statistics System. MVG Quarterly 12:16-22, 1982.

Votey, H.L. Jr.

"Control of Drunken Accidents: A Cross-Section - Time Series Analysis of Behavior under Uncertainty." Journal of Criminal Justice. 1982.

"Crime in Sweden: Causality, Control Effects and Economic Efficiency," in V. Kerry Smith and Ann Wite, eds. Advances in Applied Micro-Economics Vol. 3, (forthcoming).

Votey, H.L. Jr. and P. Shapiro

"Highway Accidents in Sweden: Modeling the Process of Drunken Driving Behavior and Control," Accident Analysis and Prevention (forthcoming).

"The 'Deterioration of' Deterrence Effects of Driving Legislation: Are We Giving the Wrong Signals to Policymakers?" Journal of Criminal Justice (forthcoming).

Weatherford, M. Stephen

"Presidential Ideology in Economic Policy-Making: Eisenhower and 'Republican Keynesianism'," forthcoming in POLICY STUDIES JOURNAL, April 1984.

"Economic Crisis and Public Support for the Political System," forthcoming in BRITISH JOURNAL OF POLITICAL SCIENCE, 1984.

"Evaluating Economic Policy: A Contextual Model of the Opinion Formation Process," forthcoming in THE JOURNAL OF POLITICS 1984.

"Economic Determinants of Voting," forthcoming in RESEARCH IN MICROPOLITICS, ed. Samuel Long (Greenwich, Connecticut: JAI Press, 1984.)

"Reciprocal Causation in a Model of the Vote: A Replication and Extension," POLITICAL BEHAVIOR 5: 1 (June 1983).

"The President and the Political Business Cycle: Guilt by Association?," in THE PRESIDENT AND ECONOMIC POLICY, ed., James P. Pfiffner (Philadelphia: Institute for the Study of Human Issues, 1983): ch. 3.

"The Role of Parties and Classes in Determining the Political Effects of Economic Conditions," in THE POLITICAL PROCESS AND ECONOMIC GROWTH, ed. Kristen R. Monroe (New York: Agathon Press, 1983): ch. 7.

"Economic Voting and the 'Symbolic Politics' Argument: A Reinterpretation and Synthesis," AMERICAN POLITICAL SCIENCE REVIEW 77: 1 (March 1983): 158-74.

"Judging Politicians' Management of the Economy: The Role of the Media," AMERICAN POLITICS QUARTERLY 11: 1 (January 1983): 7-31.

"Recessions and Social Classes: Economic Impacts and Political Opinions," POLITICAL BEHAVIOR 4: 1 (July 1982): 7-31.

SUBMITTED FOR PUBLICATION

Merk1, PH. and H. Fukui

"Japan and West Germany: The Political Management of Economic Change," (with H. Müller-Gröbeling and A. Watanabe), submitted to Princeton University Press.

Johnson, G.W.

"Generations of Elites and Social Change in Phoenix," completed and submitted for publication to the Charles Redd Center for Western History, Harold B. Lee Library, Brigham Young University. To be published 1983. 33 pages, typescript.

Double Impact. Essays on African and Imperial History, accepted for publication by Greenwood Press, Westport, Conn. to be published in fall 1983.

Haynes, S., L. Phillips and H.L. Votey, Jr.

"Illness, Household Production, and the Demographic Transition," (with H.L. Votey, Jr. and Stephen Haynes), article resubmitted to the Scandinavian Journal of Economics.

Norris, F.H., R.L. Williams

"The Impact of Medicaid on Perinatal Outcomes in California." Submitted to the American Journal of Public Health.

Phillips, L. and H.L. Votey, Jr.

"The Changing Criminal Activity of Women: A Labor Force Participation Perspective," for volume on city crime. Simon Hakens, et al eds.

INVITED PAPERS

- Anagnoson, T., Asst. Prof., Pol Sci
"The Electoral Impact of Constituency Aggressiveness," Mid-West Political Science Association, Chicago, April 1983.
- Fleming, R., Asst. Specialist, History
"The Domesday Book Data Base Project," Charles Homer Haskins Society, University of Houston, November 1982.

"Before and After: Monarchy and Aristocracy in Conquest England," Conference on British Studies, Pasadena Huntington Library, March 1983.

"The Defense of England in the Viking Age," 18th International Congress on Medieval Studies, University of Western Michigan, May 1983.
- Hollister, C.W., Prof., History
"War and Diplomacy in the Anglo-Norman World," Shelby Collum Davis Seminar, Princeton Univ. and Institute for Advanced Study, October 1982.
- Mercer, L.J. and W.D. Morgan, Professors, Econ.
"City and County User Charges," California Legislative Senate Committee on Local Government, Sacramento, November 1982.
- Morgan, W.D., Prof., Econ.
"Optimal Public Policy for Maximizing State Parimutuel Revenues." Joint meeting of Operations Research Society of America and The Institute of Management Science National Meeting, San Diego, October 1982.
- Slater, P., Assoc. Research Geog., CORI
"Migration Regions of the U.S.: Two County-Level 1965-70 Analyses," North American Classification Society Meeting, Philadelphia, May 1983.
- Pippenger, J., Prof., Econ.
"Mexico's Current Annual Rate of Inflation," BEEP Conference, UCSB, May 1983.
- Gerber, S., Prof. Speech
"The Impact of the Devaluation of the Peso on Research and Education," BEEP Conference, UCSB, May 1983.
- Shapiro, P., and H.L. Votey, Jr.
"Individual Decisions to Drive While Intoxicated: A Micro Based Study of Swedish Drunken Driving Policy," Law and Society Association, Denver, Colorado, June 3-5, 1983.
- Shapiro, P. and H.L. Votey, Jr.
"Individual Decisions to Drive While Intoxicated: A Micro Based Study of Swedish Drunken Driving Policy," National Institute of Justice, Crime Control Theory Conference, Pittsburgh, PA., June 22-24, 1983.

Weatherford, M.S. , Assoc. Prof., Pol Sci.

"Economic Policy-making in the Carter Years: Impossible Problems, or an Advisory System in Disarray?", 79th Annual Meeting of the American Political Science Association, Chicago, September 1982.

"Republican Keynesians and Democratic Supply-siders: A Comparison of Economic Policy-making in the Eisenhower and Kennedy Administrations," Annual Meeting of the Western Political Science Association, Seattle, March 1983.

"Economic Crisis and Public Support for the Political System," 12th World Congress of the International Political Science Association, Rio de Janeiro, August 1982.

"The Impact of the 1970s Recession on Political Trust," Annual Meeting of the Southern Political Science Association, Birmingham, November 1982.

Williams, R.L. , Assoc. Res. Economist, CORI

"Using AVSS for Birth Certificate Registration," Northern California Local Registrars, Sacramento, October 1982.

"Using AVSS for Birth Certificate Registration," Southern California Local Registrars, Anaheim, November 1982.

"Perinatal Data Systems," School of Public Health, San Diego State University, San Diego, February 1983.

"Software Development in the 1980s," Health Officers Association of California, Sacramento, April 1983.

"Perinatal Data Collection and Statistics," SCPMG Committee of Neonatologists San Diego, May 1983.

"California State Perinatal Mortality Data," Fellows at Women's Hospital, Long Beach, May 1983.

"Trends in the Cesarean Section Rate in California," Women's Hospital Medical Staff and Fellows, Long Beach, May 1983.

"Using the Birth Certificate to Survey Perinatal Mortality and Cesarean Section Rates in California, Medical Faculty at UC Irvine, Irvine, May 1983.

"The Use of Computers in Perinatal Data Collection and Hospital Surveillance in California," Women's Hospital Residents and Fellows, Long Beach, May 1983.

PUBLIC SERVICE

Johnson, Marian Ashby

Vice President, Southwest Oral History Association and editor of the SOHA newsletter published three times a year from UCSB.

Consultant, Santa Maria, Santa Ynez, Goleta and Buellton Historical Societies in setting up oral history programs.

Lecturer, Santa Barbara Museum of Art's oral history project.

Johnson, G.Wesley

Consultant, Project on Western Writers, Tucson Public Library and Arizona Historical Society, Tucson, Az, May-June 1983.

Consultant, Family and Local History Programs, and Seminar, Brigham Young University, November-December, 1982.

Consultant and Visiting Lecturer, Jackson State University, Public History Program, June 1983, Jackson, Miss.

Chairman, National Council on Public History, Washington, D.C. to June 30, 1983.

Mercer, L.J. and Morgan, W.D.

Advised staff writers on L.A. Times for article, "Fees: Pay-As-You-Go Government," June 8, 1983, 1st page.

Morgan, W.D.

Advised the University of California Intersegmental Committee on the Economics Impact of Higher Education in California on aspects of cost-revenue analysis.

Williams, R.L.

Member: Obstetric Access Research Project Advisory Panel, State of California, Department of Health Services

Member: Data Coordinating Committee, State of California, Department of Health Services

A-1 EXTRAMURAL RESEARCH ACTIVITY

Proposals Submitted FY 1982/83

Principal Investigator	Agency/ Grant No.	Title/Abstract	\$ Value	Period of Award	Status
Borjas, G. (Econ)	DOL	"The Impact of Hispanics on the Earnings of Black Males" The proposed research will analyze the impact of the emergence of black males in the United States.	62,078	09/15/82 09/14/83	Denied
Williams, R.L. (CORI)	Cal DH MCH	"Automated Vital Statistics System: Linkage of Birth and Death Certificates" To link births and infant deaths occurring in Santa Barbara County for the 1982 birth cohort.	22,352	01/01/83- 06/30/83	Funded
Borjas, G. (Econ)	Rockefeller Fdn	"The Impact of Immigrants on the Earnings of Natives in the U.S. Labor Market" The proposed research will change the focus of analysis from the question of how immigrants do in the labor market to the question of what immigrants do to the labor market, and what is the <u>impact</u> of immigrants on the earnings of natives.	24,000	01/01/83- 06/30/83	Funded
Parke, W. (Econ)	NSF	"Econometric Techniques for Macro-Econometric Models with Budget Constraints and Market Clearing Identities" This project will investigate the econometric issues involved in constructing macroeconomic models with budget constraints and market clearing identities.	51,033	05/1/83- 04/30/85	Denied
Cressey, D. W. Bielby R. Matsueda (Sociology)	NSF	"Differential Association and the Dynamics of Delinquency" We propose a three-way panel model to test the most empirically-supported contemporary theories of delinquency: differential association theory, social control theory, strain theory, deterrence theory, and group-process theory.	144,571	07/01/83- 06/30/85	Denied
Cressey, D. W. Bielby R. Matsueda	NIH	Same as above.	150,457	07/01/83- 06/30/85	Denied

Smith, T. (Geog)	NSF	"Proposal for a Research Seminar on Interfacing Micro and Macro Modes of Human Spatial Behavior" It is proposed that a joint US/UK seminar for geographers, regional scientists and statisticians be held to explore bases for linking in a sound scientific manner, models of individual decision making behavior and models of aggregate behavior in distributed systems.	10,638	06/01/83-05/31/84	Funded for FY 83/84
Slater, P. (CORI)	NSF	"Patterns of Citations Among 3700 Scientific Journals"	133,183	09/01/83-02/28/85	Denied
Sengupta, J. (Econ)	NSF	"Alternative Information Structures and Their Efficiency in Stochastic Input-Output Systems" The objective of the project is to characterize the value of alternative information structures, both symmetric and asymmetric and their efficiency in stochastic input-output systems.	76,931	07/01/83-06/30/85	Denied
Sengupta, J. (Econ)	NSF	"Market Power and Foreign Competition in the US Computer Industry." The objective of the project is to analyze the market structure and the international competitive environment of the US computer industry.	97,553	07/01/83-06/30/85	Denied
Wellen, C. (Speech)	Dept. of Ed.	"Preparation of Leadership Personnel: Speech and Hearing Sciences" This project is designed to improve the quality of the joint UC (SB and SF) doctoral program in Speech and Hearing Sciences.	466,816	07/01/83-06/30/86	Denied
Jackson, R. (Speech)	Dept. of Ed.	"Professional Training Programs in Speech and Hearing Sciences" This program is intended to serve the communicatively disabled in California. Program emphasis is on pre-service training of professionals.	343,398	07/01/83-06/30/86	Denied

Slater, P. (CORI)	NIH	"Analyses of Age-Sex-Specific Intercountry Migration"	94,975	12/01/83- 11/30/84	Pending
Pippenger, J. (Econ)	Dept of Ed	"Program in International Relations with Mexico and Latin America"	111,990	07/01/83- 06/30/85	Denied
Sengupta J. (Econ)	Office of Naval Research	"Developing and Testing Measures of Efficiency in Stochastic Input-Output Systems The objective is to develop and test measures of efficiency of systems of programs under alternative information structures on various inputs and outputs.	104,867	08/01/83- 07/31/85	Pending
Sengupta, J. (Econ)	Air Force	"Robustness and Reliability Analysis in Chance--Constrained Optimization Models" The objective is to develop stochastic replacement rules for a group of equipments with specified deterioration characteristics.	104,867	08/01/83- 07/31/85	Denied
Pursell, C. (History)	State Dept. of Parks & Rec.	"Research/Historical Review for the Exposition Park, Multicultural State Recreational Project" A historical survey of the various cultural groups which make up the population of the State and their rich and varied histories.	35,000	06/16/83-	Funded
Pippenger, J. (Econ)	US Intern'l Communication Agency	"Business Economics Exchange Program" Objective is to train people to work effectively in a Latin American environment and promote research that will be beneficial for ourselves and Latin America.	50,948	07/01/83- 06/39/86	Denied
Sengupta, J. (Econ)	NIE	"Relative Efficiency of Public and Private Education in Elementary Schools: The California Experience"	77,953	08/01/83- 07/31/85	Denied

The proposal seeks to analyze the trend of resource utilization and school performance of elementary schools over the years 1969-70 through 1980-81 for three counties of California.

Smith, T. Estes, J. (Geog)	USGS	Knowledge Based Engineering for Data Base Management and Use" Investigation of the applicability of A.I. techniques to spatial data-base management and use.	67,556	06/16/83- 10/15/84	Funded
Estes, J. (Geog)	USFS	"Development of Solar Illumination Images for Chapparrel Modeling in Southern California Generation of products including color slides and line printer output map.	4,000	06/16/83- 10/15/83	Funded
Hanrieder, W. Fukui, H. (Pol Sci)	The Ford Fdn.	"Arms Levels in the Federal Republic of Germany and Japan: Implications for Arms Control and the Global and Regional Military Balance" The project is a systematic, focused and sustained effort to close the gaps in the existing scholarship on arms buildup in the Federal Republic and Japan.	245,773	10/01/83- 05/31/83	Pending
Williams, R.L. (CORI)	PHS-MCH	"Automated Perinatal Information System" This program will develop and demonstrate a large scale computerized system for the collection and analysis of public and private perinatal information.	119,660	01/01/84- 12/31/85	Pending
Johnson, M.A. (CORI)	NEH	"Black Gold: A History of Critique of the Art of West African Jewelry" Preparation of an ethnic art history monograph for publication.	12,000	01/01/84 6/30/84	Pending
Pippenger, J.	Dept. of Ed	"Exchange Program BEEP with Latin America" Objective is to train people to work effectively in a Latin American environment.	35,378	09/01/83 08/31/84	Pending

Smith, T. (Geog) Slater, P. (CORI)	NIH	"A Multilevel Analysis of U.S. Migration Flows" The rich body of regional structures that has been generated by the hierarchical regionalization of 3,140 counties, will be further interpreted and analyzed.	56,472	04/01/83- 09/30/83 Yr 02	Funded
Williams, R.L. (CORI)	State of Cal. MCH Branch	"Maternal and Child Health Statistical Data Base: Development, Application and Dissemination" This is a continuation of the Data Improvement Project which began in 1970 and has been contin- uously funded by the Maternal and Child Health Branch since 1975. Over the years the project has grown in breadth and depth to evolve aw a valuable tool for Maternal and Child Health program planning, monitoring,, and evaluation.	169,157	07/01/83- 06/30/84 Yr 07	Funded FY 83/84
Stuart, C.E. Ramon, N. (Econ)	NSF	"Interest-Group Politics and the Level of Tax Revenues" The proposed will analyze how the budgetary process is influenced in a representative democracy by pressure from special-interest groups on politicians.	24,852	07/01/83- 06/30/84	Denied
Gerber, S. Goller, M. (Speech)	Dept. of Ed.	"Parent/Infant/Preschool Program" A mainstream program for hearing-impaired 0-5 years of age; team-teaching techniques with supplementary special services.	324,957	07/01/83- 06/30/86	Pending
Johnson, M.A. (CORI)	Calif. Council for the Humanities	"Critical Perspectives on the City Beautiful Movement in Santa Barbara" Project will investigate and present ciritical perspectives on the history and meaning of the "Beautification Movement" in Santa Barbara's past.	7,500	07/01/83- 04/31/84	Pending
H.L. Votey L. Phillips (Econ)	NSF	"Women's Involvement in Serious Crime: A Study of Causality and Control" The focus of this research is on the causes and control of the rapid increase in criminality among women.	103,905	07/01/83- 06/30/85	Denied

Sengupta, J. (Econ)	NIH	"Professional Immigration to the U.S. and its Policy Implications"	123,000	07/01/83- 06/30/85	Denied
Johnson, M.A. (CORI)	UCSB Fdn	"Oral History Program"	4,175	03/31/83- 06/30/83	Funded
Williams, R.L. (CORI)	Cal DH MCH Branch	"Maternal and Child Health Statistical Data Base: Development, Application and Dissemination." This is a continuation of the Data Improvement Project which began in 1970 and has been continuously funded by the Maternal and Child Health Branch since 1973. Over the years the project has grown in breadth and depth to evolve into a valuable tool for Maternal and Child Health program planning, monitoring and evaluation.	143,227	07/01/82 06/30/83 Yr 06	Funded
Johnson, M.A. (CORI)	Calif. Council for the Humanities	"Santa Barbara and the City Beautiful Movement"	7,500	06/16/83- 04/30/84	Funded
		Total extramural proposals submitted FY 82/83	\$3,512,722		
		Proposals submitted FY 82/83 and funded FY 82/83	356,782		
		Proposals submitted FY 81/82 and funded FY 82/83	314,807		
		Total extramural funds awarded FY 82/83	673,089		
		Total intramural funds awarded FY 82/83	120,310		

Previous Submissions Funded 82/83

Hollister, C.W. (History)	NEH RT 20213	"Domesday Book Data Base" Create a data base to make information on the Domesday Book quickly and easily accessible. (Additional matching funds. Total award \$93,728).	14,000	02/08/83- 06/30/85	Funded
Shapiro, P Bergstrom, T. Rubinfeld, D. (Econ)	NSF SES 8209732	"Studies in Local Public Finance" Study of a number of empirical and theoretical questions in local public finance, with an emphasis placed on the demand for public goods in a system with many local jurisdictions.	96,173	08/01/82 06/30/84	Funded
Smith, T. (Geog) Pelligrino, J. (Educ) Gollidge, R. (Geog)	NSF SES 82 09621	"A Computational Process Approach to Children's Acquisition of Spatial Knowledge of a Large-Scale Environment" The study will examine how children acquire and use spatial information during way finding tasks in a large-scale suburban environment.	59,541	09/01/82- 08/31/84	Funded
Smith, T. (Geog)	NSF SES OIR 8212817	"Workshop in Nonlinear Decision System" Workshop is a follow-up to a series of meetings held in Wash.D.C., Jan. 1982, between representatives of twelve universities and four directorates of NSF that addressed non-linear decision systems. Workshop will formulate an agenda for basic research in this area.	28,698	09/15/82- 08/31/83	Funded
Williams, R.L. (CORI)	NIH MCJ- 063134	"An Automated Vital Statistics System" Develop, test, evaluate, and make available for widespread dissemination the technical means to allow the direct computer entry of vital records under a wide spectrum of local and state conditions.	51,500	10/01/82- 09/30/83	Funded
Mead, W.J. (Econ)	USDA FS	"Extension of the Region 6 Analysis to Include 80/81 Data"	64,895	09/24/82- 12/23/84	Funded

Total previous submissions funded FY 82/83 \$314,807

A-2 INTRAMURAL RESEARCH ACTIVITY

Principal Investigator	Agency / Grant No.	Title/Abstract	\$ Value	Period of Award	Status
Mead, W.J. (Econ) Fenech, H. J. (Chem Eng)	Systemwide Energy Res.	"The Private and Social Costs of Alternative Electric Power Technologies for California"	15,700	1/1/83- 12/31/83	Funded
Johnson, M.A. (CORI)	Academic Senate	"Development of Beautification in Santa Barbara, 1920-1975"	9,231	07/01/83 06/30/84	Denied
Estes, J. (Geog)	Systemwide Energy Res.	"An Investigation of the Potential of Image to Provide Information on Critical Energy Facility Site Parameters in the State of Cal.	17,012	09/01/83- 08/31/84	Pending
Smith, T. Peuquet, D. (Geog)	Systemwide Energy Res.	"A Demonstration of the Use of Artificial Intelligence Techniques for Hazard Impact Monitoring Around Nuclear Sites"	19,177	09/01/83- 08/31/84	Pending
Johnson, M.A. (CORI)	Academic Senate	"UCSB Oral History Program"	5,000	01/01/83- 06/30/83	Denied
Caswell, M. (Econ)	WRC	"The Implications for Total Water Demand from the Adoption of Drip Irrigation in California Agriculture"	21,500	07/01/83- 06/30/83	Funded (FY 83/84)
Pippenger, J. (Econ)	UC Mexus Consortium	"Focus on Mexico and the U.S.: A Cooperative Business Economics Training Program"	14,921	07/01/82- 06/30/83	Funded
Pippenger, J. (Econ)	Systemwide	"Focus on Mexico and the U.S.: A Cooperative Business Economics Training Program"	10,000	07/01/82- 06/30/83	Funded

INTRAMURAL RESEARCH ACTIVITY continued

Kelley, R. (History)	WRC 610	"Salinity and Drainage in the San Joaquin Valley, 1870-1980: An Historical Perspective"	12,000	07/01/82 06/30/83	Funded
Mann, D. (Pol Sci)	WRC 103	"A Proposal to Investigate the Scientific and Policy Impacts of the Research Program of the Water Resources Center, University of California"	10,000	07/01/82 06/30/83	Funded

Total intramural proposals submitted FY 82/83 \$134,541

Total intramural proposals funded FY 82/83 120,310

University Funds

Gollin, A. (History)	ORDA	Battle of Britain microfilm reels	\$ 350
Hollister, C.W. Fleming, R. (History)	ORDA	Wiring of Room 5805 Ellison Hall for the Domesday Book project	655
	Chancellor	Research support for the Domesday Book project	3,000
Pippenger, J. (Econ)	ORDA	Administrative support for the MEXUS program	1,200
Votey, H.L. (Econ)	ORDA	Funds for remodeling Room 2209 North Hall	900
Cooley, T. (Econ) Berk, R. (Soc)	ORDA	Support for the continuing workshops in Socio/Econometrics	500
Smith, T. (Geog)	ORDA	Support for a programmer on Department of Transportation research project	500
Johnson, M.A. (CORI)	ORDA	Equipment for the Oral History project	1,000
Pippenger, J. (Econ)	Vice- Chancellor	Program support for the MEXUS project	1,500
CORI	Biological Sciences	Biomedical Research Award from NIH, Yr 06	1,978

EXTRAMURAL EXPENDITURES

ACCOUNT NAME & NUMBER	MISC.	SALARIES	S&E	EQUIP.	TRAVEL DOMESTIC	TRAVEL FOREIGN
NUCLEAR SCIENCE FUND-MANN 447628-04990		1981.86	670.75			
CAL. DEPT. OF HEALTH-WILLIAMS 447628-20723		64313.24	26614.33		3083.67	
CAL. DEPT. OF HEALTH-WILLIAMS 447628-20731		663.12	6808.12	12495.94		
NSF SES 81-07847-ANAGNOSON 447628-22004		1511.46	1501.96		1223.84	
NSF 81-07848-WEATHERFORD 447628-22007		4265.09	482.70	747.30	392.18	
NSF SES80-17719-VOTEY 447628-22011		1586.02	3015.69			
NSF SES82-09732-SHAPIRO 447628-22053		22577.95	2522.52		1768.94	
NSF SES82-09621-SMITH 447628-22056		11749.70	263.05			
NSF OIR 82-12817-SMITH 447628-22059		356.76	2067.35		12357.50	
USDI OWRT 0477-MERCER/MORGAN 447628-22613		29966.44	2824.85		309.25	
USDJ CX 0054-SHAPIRO 447628-22666		5799.19	2600.45		1418.17	
USDJ CX 0019-PHILLIPS 447628-22669		12265.99	1895.84		1176.51	

ACCOUNT NAME & NUMBER	MISC.	SALARIES	S&E	EQUIP.	TRAVEL DOMESTIC	TRAVEL FOREIGN
NEH R081-1247-MERKL 447628-23184			4030.05			17683.82
NEH ED 81-1374-JOHNSON 447628-23191	3841.97	13893.78	3399.82		1183.12	
NEH RT 20213-HOLLISTER 447628-23194		14425.98	1878.90		2610.56	
OEG G0000599-MENDEL 447628-23590		17092.45	1714.75		2386.20	
NIH BIOMED 447628-24087			812.34			
NIH HD16378-01-SMITH 447628-24297	18000.00	29384.32	4998.46		4078.33	
NIH HD16378-02-SMITH 447628-24298		7976.58	1174.94		636.22	
NIH MCJ 063134-WILLIAMS 447628-24320		19653.00				
NIH RRO 7099-17-BIOMED 447628-24327						
ALLEN-HEATH MEM. FDN-BREMER 447628-40170		5872.40	477.73			666.59
UCSB FDN-FULLER 447628-53265			511.55			
UCSB FDN-ASHBY 447628-53265		3559.16	333.59			

ACCOUNT NAME & NUMBER	MISC.	SALARIES	S&E	EQUIP.	TRAVEL DOMESTIC	TRAVEL FOREIGN
ROCKEFELLER FDN-JOHNSON 447628-58301			581.76			1456.25
TOYOTA FDN-FUKUI 447628-53893						4940.21
WRC 103-MANN 447629-19900		7397.04	2341.39			
UCSB FDN 447629-53265						
WRC 555-MERCER 447630-19900		5337.89	1387.60			
WRC-610-KELLEY 447631-19900		8960.89	1713.52		1360.34	
UC-MEXUS-CONSORTIUM 447632-07427-5		2236.26	1783.92		2136.15	
USDA USFS 3187-MEAD 487628-25217		6212.64	2759.84	1240.00		
USDI-USGS 18678-MEAD 487628-25666		970.83	3126.08		1904.15	
MEXICO-USA PROGRAM-PIPPENGER 447628-07427-5		7084.00	2689.46			
DOL21-06-81-08-BORJAS 447628-22703		2335.29	2176.82			
DTRS 5781 P 8-SMITH 487628-58290		3917.65	467.19			

ACCOUNT NAME & NUMBER	MISC.	SALARIES	S&E	EQUIP.	TRAVEL DOMESTIC	TRAVEL FOREIGN
RESOURCES FOR THE FUTURE-SONSTELI 447628-58290		1258.00	643.43			
CAL. DEPT. PARKS & REC.-PURSELL 447628-20734		1927.51	.15			
USDA-USFS 83002-OCA-ESTES 487628-25222		1658.96				
	<u>21841.97</u>	<u>318191.45</u>	<u>90270.90</u>	<u>14483.24</u>	<u>38691.72</u>	<u>24080.28</u>

INTRAMURAL EXPENDITURES

	Core Budget 19900	Administrative Support 19900
Sub 0	20,530	
Sub 1	27,444	
Sub 2	1,029	5,000
Sub 3	1,493	
Sub 7		6,605
Total	50,496	11,605
Opportunity Funds		
	09534	
Sub 5	3,000	

STATISTICAL SUMMARY

1a) UCSB academic staff engaged in research:

a) Faculty	<u>36</u>	d) Postdoctoral	<u>2</u>
b) Professional Researchers	<u>5</u>	e) Graduates	<u>23</u>
c) Specialists	<u>3</u>	f) Undergraduates	<u>6</u>
g) Other (specify <u>1</u> Postgraduate Res.)		TOTAL <u>76</u>	

1b) Participation from other campuses, colleges, universities, and industry:

a) Faculty	<u>47</u>		
b1) Graduates	<u>4</u>		
b2) Undergraduates	<u> </u>		
b3) Other (designate)	<u>13</u>		TOTAL <u>64</u>
Industry 8			See Appendix B-1
Government 5			

2) Number of employees and FTE in unit:

a) Employees on University Funds:

	<u>Number</u>	<u>FTE</u>	
Professional	<u>3</u>	<u>.29</u>	
Technical	<u>6</u>	<u>1.22</u>	
Administrative	<u>3</u>	<u>.54</u>	
Clerical	<u>4</u>	<u>2.50</u>	
TOTAL	<u>16</u>	<u>4.55</u>	TOTAL NUMBER: <u>16</u>
			TOTAL FTE: <u>4.55</u>

b) Employees on Non-University Funds:

	<u>Number</u>	<u>FTE</u>	
Professional	<u>65</u>	<u>10.97</u>	
Technical	<u>6</u>	<u>2.58</u>	
Administrative	<u>1</u>	<u>.12</u>	
Clerical	<u>4</u>	<u>.54</u>	
TOTAL	<u>67</u>	<u>14.21</u>	TOTAL NUMBER: <u>67</u>
			TOTAL FTE: <u>14.21</u>

See Appendix B-2

3) Number of Publications: (See Pg. 34 of Section A).....TOTAL: 52

4) Number of proposals submitted:.....TOTAL: 35

5) Number of seminars, symposia, etc. sponsored by the unit: (See Pg. 31 of Section A)..... TOTAL: 23

6) Amount of space currently occupied: TOTAL: 4,356 Sq. Ft.

APPENDIX B-1

1-a) UCSB academic staff engaged in research

a. Faculty

<u>Name</u>	<u>Department</u>	<u>Funding Agency</u>
Anagnoson, T.	Pol Sci	NSF
Borjas, G.	Econ	DOL, Rockefeller
Berk, R.	Soc	ORDA
Carlos, M.	Anthro	UC Mexus
Cooley, T.	Econ	ORDA
Estes, J.	Geog	USDA FS, USDI GS
Fukui, H.	Pol Sci	NEH
Fenech, H.	Chem Eng	UC Energy Research
Gerber, S.	Speech	HEW
Gilchrist, D.	Speech	UC Mexus
Golledge, R.	Geog	NSF
Gollin, A.	History	ORDA
Gottlieb, S.	Speech	HEW
Gulje, K.	Speech	HEW
Hollister, W.	History	NEH
Johnson, G.W.	History	NEH, Rockefeller Fdn.
Kelley, R.	History	UCD
Leal, L.	Chicano Studies	UC Mexus
Mann, D.	Pol Sci	UCD WRC, UCLA IGPP
Mead, W.J.	Econ	USDA FS, USDI GS, UC Energy Res.
Mendel, M.	Speech	HEW
Merkl, P.	Pol Sci	NEH
Mercer, L.	Econ	OWRT UCD WRC, CPS
Morgan, W.D.	Econ	OWRT, UCD WRC, CPS
Pellegrino, J.	Educ	NSF
Phillips, L.	Econ	USDJ
Pippenger, J.	Econ	UC Mexus
Pursell, C.	History	Cal Parks & Rec
Shapiro, P.	Econ	USDJ; NSF
Schniepp, M.	Econ	USDI FS
Smith, T.R.	Geog	US DOT, NIH, NSF
Votey, H.L.	Econ	USDJ
Watson, R.	Econ	USDI FS
Weatherford, M.S.	Pol Sci	NSF
Sonsteli, J.	Econ	Resources for the Future
Wellen, C.	Speech	UC Mexus

b. Professional Researchers

Bremer, O.	CORI	Allen Heath Fdn
Fuller, T.	History	UCSB Fdn History Fair Project
Johnson, M.A.	CORI	UCSB Fdn, Oral History Project
Slater, P.	CORI	NEH
Williams, R.L.	CORI	Cal Dept of Health Services

c. Specialists

Fleming, R., History
Lundberg, G., Geog
Nye, R., History

d. Postdoctoral

Calis, T., Geog
Moseidjord, A., Econ

e. Graduates

Andres, T. , Pol Sci
Cantoni, V., Geog
Chen, Z., Geog
Chiabi, E. , History
Clifford, T., Econ
Conard, R., History
Doherty, S., Geog
Echard, D., Geog
Elliott, C., Geog
Erkman, O., Geog
Huang, W.C., Econ
Huang, W.J., Econ
Koch, A., Pol Sci
Lowery, J., Econ
Manchuelle, E., History
Paranta, B., Econ
Prietto, A., Educ
Schwab, M., Geog
Shute, V, Geog
Solin, P., Soc
Vause, C., History
Yool, S., Geog
Espinoza, F., Speech

f. Undergraduates

Bazaldua, A.
Dew, E.
Lucero, R.
McClure, L.
Tono, H.
Weitzel, M.

g. Postgraduate Research

Clingman, E.

APPENDIX B-1

1-b) Participation from other campuses, universities and industry

a. Faculty

Researchers

- Bergstrom, T., Prof. of Economics, University of Michigan, with P. Shapiro on NSF Grant No. NSF SES 82-09732.
Goodchild, M., Prof. of Geography, Univ. of Western Ontario, with T. Smith on NIH HD 16378.
Rubinfeld, D., Prof. of Economics, University of Michigan, with P. Shapiro on NSF Grant No. NSF SES 82-09732.
Sorensen, P., Prof. of Economics, Florida State University, with W.J. Mead, on Grant No. USDI USGS 18678.

Visiting Researchers

- Benkert, W., University of Marburg, West Germany
Englund, P., Stockholm School of Economics, Stockholm
Muller-Groeling, H., Institut fur Weltwirtschaft an der Universitat Kiel, Kiel, West Germany
Nyberg, L., Department of Economics, Lund University, Sweden
Silos, M., Director del Centro de Investigaciones Economicas, Universidad de Nuevo Autonoma de Leon, Monterrey, Mexico
Skogh, G., Department of Economics, Lund University, Sweden

Guest Speakers

- Charlton, Baylor Univ.
Craine, R., UC Berkeley, Dept. of Economics
Harker, P., Voorhees University
Leamer, E., UCLA, Dept. of Economics
Fraser, D., Univ. of Ontario
Havener, A., UCD, Dept. of Economics
Wegge, L., UCD, Dept. of Economics
Weiss, UCSD, Dept. of Economics
Granger, C., UCSD, Dept. of Economics
Harvey, A., UCB, Dept. of Economics
Poirier, D., Univ. of Ontario
Adams, R., Dept. of Anthropology, Univ. of Texas
Allen, Dept. of Physical Chemistry, Free Univ. of Brussels
Alexander, A., Dept. of Civil Engineering, Northwestern University
Ayres, R., Dept of Engineering, Carnegie-Mellon Univ.
Casti, J., IIASA, Austria
Chan, Y., Dept. of Tech. & Society, SUNY
Chang, T., Col. of Eng and Applied Sci., SUNY
Douglas, E., Claremont College
Cruz, J., Coordinated Sci Lab, Univ. of Illinois
Curry, L., Dept. of Geography, University of Toronto
Degreene, K., Dept. of Human Factor Inst., USC
Dendinos, D., School of Urban Planning, Univ. of Kansas
Drenick, R., Dept of Electrical Engr., Polytech. Inst. of N.Y.
Smith, Ray, UC San Diego
Treleven, Dale, UCLA
Tuchman, Mich, UCLA
Welman, K., Univ of Arizona

Garrison, W., Inst., for Transportation Studies, UCB
Harris, B., Univ. of Pennsylvania
Mahmassani, H., Dept. of Civil Engr, Univ. of Texas
Rowe, W., Inst. for Risk Analysis, American Univ.
Sebald, A., Appl. Mech. & Engr. Sci, UCSD
Thrall, R., Dept. of Mathematical Sci, Rice Univ.
Toft, G., Potter Engr. Center, Purdue Univ.
Wall, K., Dept of Engr., Univ. of Virginia
Zemanian, A., Col of Engr, SUNY
Wesson, R., Hoover Institute, Stanford Univ.
Quintanilla, Dept. of Economics, UANL, Monterrey, Mexico

b1 Graduates

Roberts, J., Postgraduate Res. Economist, Univ. of Michigan, with
P. Shapiro, on NSF Grant No. NSF SES 82-09732.
Gonzalas, H., UANL, BEEP exchange student
Rueda, J., UANL, BEEP exchange student

b3 Industry

Guest Speakers

Coito, F., San Diego Gas & Electric
Doane, M., Arthur Little, Inc.
Hartly, M., The World Bank
O'Hanion, L., Security Pacific Gas & Electric
Shellhorse, L., San Diego Gas & Electric
Rosales, G., businessman, from Guadalajara
Conchello, J.A., lawyer, from Mexico City

Government

Crosby, R., Dept. of Transportation, Washington, D.C.
Goulet, R., Office of Disciplinary Research, NSF
Leiter, R., City of Ventura
Cordova, J.E., Consul General of Mexico in Los Angeles
Cavazos, R., member of Mexico's House of Representative

APPENDIX B-2 continued

b) Employees on Non-University funds

NEH ED 1374

Professional:

Johnson, G. Wesley, Assoc. Res. Historian, Principal Investigator, 7/1/82-
Pursell, C.W., Res. Historian, 8/1/82-8/31/82 8/31/82

Students:

Chiabi, E., RA, 1/1/83-6/30/83
Manchuelle, E.F., RA, 10/1/82-6/30/83

Clerical:

Johnson, C.C., STC, 6/13/83-8/31/83
Rypins-Parker, J., STC. 7/1/82-6/30/83

NEH RT 20213

Professional:

Hollister, C.W., Res. Historian, Principal Investigator

Students:

Fleming, R., Co-Principal Investigator, Asst. Specialist 7/1/82-6/30/83
Vause, C., RA 10/2/83-6/30/83
Weitzel, M.A., Asst., 4/5/83-6/30/83
Tono, H., Asst., 5/18/83-6/30/83

OEG G0080000599

Professional:

Mendel, M., Speech, Principal Investigator
Gottlieb, S., Field Supervisor, 10/1/82-6/30/83
Gulje', K., Associate, 10/1/82-6/30/83

NIH HD 16378-01

Professional:

Smith, T.R., Res. Geographer, Principal Investigator, 7/1/82-7/31/82
Slater, P., Assoc. Res. Geog., Co-principal Investigator, 7/1/82-6/30/83

Students:

Chen, Z., R.A. 7/1/82-3/31/83
Calis, T., Postgrad. Res. Geog., 7/1/82-8/31/82
Schwab, M., R.A., 6/14/83-6/30/83

State of California MCJ 063134-01-0

Professional:

Williams, R.L., Assoc. Res. Econ., Principal Investigator

Technical:

Marinko, J.A., Programmer, 10/01/82- 6/30/83

APPENDIX B-2 continued

California Department of Health

Professional:

Williams, R., Assoc. Res. Econ., Principal Investigator, 7/1/82-6/30/83

Technical:

Chen, P., Computer Programmer, 7/1/82-6/30/83

Students:

Lucero, R., Word Proc. Spec, 7/1/82-2/28/83

McClure, L.M., Word Proc. Spec., 7/1/82-8/31/83

Solin, P., Asst. IV, 6/1/83-6/30/83

UCSB Foundation

Oral History Program

Professional:

Johnson, M.A., Coordinator/Administrator, 3/1/83-6/30/83

Technical:

Stevenson, D., Lab Asst., 3/30/83-6/30/83

Norris, J., Lab Asst., 4/1/83-6/30/83

History Fair Project

Professional:

Fuller, T., Asst. Res. Historian, 7/1/82-6/30/83

Rockefeller Foundation

Professional:

Johnson, G.W., Assoc. Res. Historian, Principal Investigator

US Department of Labor

Professional:

Borjas, G., Assoc. Res. Econ., Principal Investigator

Students:

Huang, W.J., RA, 7/1/82-8/31/82

Huang, W.C., RA, 7/1/82-8/31/82

USDI-Geological Survey

Professional:

Mead, W.J., Res. Economist, Principal Investigator

Sorensen, P.E., Res. Economist, Co-Principal Investigator

Students:

Moseidjord, A., Visiting Postgrad. Res. Econ., 9/1/82-12/31/82

APPENDIX B-2 continued

US Department of Transportation

Professional:

Smith, T.R., Assoc. Res. Geog., Principal Investigator, 8/1/83-9/30/84

Technical:

Elliot, C., Programmer, 7/1/82-7/31/82

Allen Heath Foundation

Professional:

Bremer, O, Postdoc. Res Econ., Principal Investigator 7/1/82-2/28/83

Resources for the Future

Professional:

Sonstelie, J., Asst. Res. Econ., Principal Investigator

Students:

Clifford, T., RA, 7/1/82-7/31/82

National Science Foundation

Professional:

Anagnoson, J.T., Asst Res. Pol.Sci., Principal Investigator, 7/1/82-7/31/82

Students:

Koch, A., Asst., 5/1/83-6/30/83

National Science Foundation

Professional:

Weatherford, N.S., Asst. Res. Pol.Sci., Principal Investigator, 7/1/82-9/30/82

National Science Foundation

Professional:

Shapiro, P., Res. Econ., Co-Principal Investigator

Votey, H.L., Res. Econ., Co-Principal Investigator

Technical:

Schniepp, M., Programmer, 7/1/82-6/30/83

National Science Foundation

Professional:

Shapiro, P., Res. Econ., Principal Investigator, 8/1/82-9/30/82

Bergstrom, T., Visiting Res. Econ., Co-Principal Investigator, 7/1/82-8/31/82

Rubinfeld, D., Visiting Res. Econ., Co-Principal Investigator, 8/1/82-8/31/82

Students:

Roberts, J., Visiting Postgrad. Res., 2/15/83-3/31/83

Paranta, B., RA, 7/1/82-9/30/82

APPENDIX B-2 continued

National Science Foundation

Professional:

Smith, T., Assoc Res Geog., Principal Investigator, 6/1/83-6/30/83

Staff:

Furlong, F., Casual, Prin. Clerk., 9/15/82-6/30/83

National Science Foundation

Professional:

Smith, T., Assoc Res Geog, Co-Principal Investigator

Golledge, R., Res Geog., Co-Principal Investigator

Pellegrino, J., Assoc. Res. Educ., Co-Principal Investigator, 6/1/83-6/30/83

Technical:

Lundberg, C.G., Assoc. Specialist, 1/1/83-6/30/83

Students:

Doherty, Sally E., R.A., 6/1/83-8/31/83

Pazner, M., RA, 6/1/83-9/30/83

Shute, V., RA, 10/1/82-5/31/83

California Parks and Recreation Department

Professional:

Pursell, C., Res.Historian, Principal Investigator

Technical:

Conard, R., Lab Asst., 6/16/83-9/30/83

USDA Forest Service

Professional:

Mead., W.J., Res Econ., Principal Investigator

Schniepp, M., Asst. Res. Econ., 10/1/82-6/30/83

Students:

Lowery, J., R.A., 6/1/83-12/31/83

USDA Forest Service

Professional:

Estes, J., Res. Geog., Principal Investigator

Staff:

Eckhardt, D., SRA., 6/1/83-10/15/83

Yool, S., SRA, 6/1/83-10/15/83

USDI OWRT

Professional:

Mercer, L., Res. Econ., Co-Principal Investigator, 7/1/82-8/31/82

Morgan, W.D., Res. Econ, Co-Principal Investigator, 7/1/82-8/31/82

Clingman, E.J., Visiting Postgraduate Res. Econ., 7/1/82-9/30/83

APPENDIX B-2 continued

US Department of Justice

Professional:

Shapiro, P., Res. Econ., Co-Principal Investigator, 7/1/82-7/31/82

Votey, H.L. Res. Econ., Co-Principal Investigator, 7/1/82-8/31/82

US Department of Justice

Professional:

Phillips, L., Res. Econ., Principal Investigator, 7/1/82-9/30/82

Students:

Huang, W.C., RA, 8/1/82-12/31/82

Huang, W.J., RA, 9/1/82-6/30/83

APPENDIX B-2

a) Employees on University Funds

Water Resources Center

W-610

Professional:

Kelley, R., Res. Historian, Principal Investigator

Students:

Nye, R.L., Jr. Specialist, 7/1/82-6/30/83

W-103

Professional:

Mann, D., Res. Political Sci., Principal Investigator

Students:

Andres, T., R.A., 7/1/82-6/30/83

W-588

Professional:

Mercer, L.J., Res. Economist, Co-Principal Investigator 9/1/82-9/15/82

Morgan, W.D., Res. Economist, Co-Principal Investigator 9/1/82-9/15/82

Clingman, E., Visit. Postgrad. Res., 7/1/82-6/30/83

IGPP

Professional:

Mann, D., Res. Political Sci., Principal Investigator 7/1/82-7/31/82

UC Mexus

Professional:

Pippenger, J., Res. Economist, Program Director

Borjas, G., Res. Economist, Principal Investigator

Cicin-Sain, B., Assoc. Res. Pol.Sci., Principal Investigator

Students:

Bazaldua, A., Asst., 3/1/83-6/30/83

Prietto, A., R.A., 4/1/83-6/30/83

Universitywide Energy Research Group

Professional:

Mead, W.J., Res. Economist, Principal Investigator

Fenech, H., Res. Chem., Co-Principal Investigator

Students:

Clifford, T., Postgrad. Res. Economist

Dew, E., Asst.

APPENDIX B-2 continued

<u>UC Mexus</u>	<u>% Time</u>
Administrative:	
Pippenger, J., Assoc. Dir., 7/1/82-6/30/83	.04
Clerical:	
Elias, M., Admin. Asst., 7/1/82-6/30/83, Career	.50
 <u>CORI</u>	
Administrative:	
Votey, H.L., Director, 7/1/82-6/30/83	.40
Shapiro, P., Assoc. Dir., 7/1/82-6/30-/83	
Smith, T., Assoc. Dir., 7/1/82-6/30/83	.10
Clerical:	
Dandona, J., Word Processor, 7/1/82-6/30/83, Career	.50
Hagen, B., Admin. Asst., 7/1/82-6/30/83, Career	1.00
Manriquez, J., Prin. Clk., 7/1/82-6/30/83, Career	.50

CURRENT SPACE ASSIGNMENTS

<u>North Hall</u>			<u>Sq Feet</u>
1013	Research Office	<u>Mead - USDA FS</u> 1. Schniep, M., Asst. Res. Econ. 2. Watson, R., Asst. Res. Econ.	150
1015	Research Office	<u>Votey/Phillips, USDJ</u>	150
1017	Research Office	<u>Mercer/Morgan - OWRT, WRC, CPS</u> 1. Clingman, E., Postgrad. Res. 2. Shinkle, J., STC	150
2201	Admin. Office	<u>CORI</u> 1. Hagen, B., AA 2. Manriquez, J., PC	345
2201A	Research Office	<u>Cal Dept of Health</u> <u>Williams, R.L., Assoc. Res. Econ</u>	138
2202	Admin. Office	<u>CORI</u> Dandona, J., Word Proc. Spec.	247
2204	Admin. Office	<u>U.S. Mexico, BEEP</u> Elias, M., AA	264
2205	Research Office	<u>NIH Smith/Slater</u> Slater, P., Assoc. Res. Econ	138
2206	Admin. Office	<u>CORI/Econ Dept.</u> <u>Visitor's Lounge</u>	345
2207	Research Office	<u>Cal Dept of Health, Williams</u> 1. Chen, P., Programmer 2. Marinko, J., Programmer 3. Solin, P., Asst.	276
2209	Research Modules	<u>CORI</u> 1. Moseidjord, A., Postdoc. Res. (Mead--USGS) 2. Conard, R., Lab Asst (Pursell--Cal Parks) 3. Psuik, R., Asst.(Pursell--Cal Parks) 4. Woollocott, A., Asst (Pursell--Cal Parks) 5. Andres, T., RA (Mann-WRC) 6. Clifford, T., Postgrad Res (Mead--Energy) 7. Roberts, J. Postgrad Res (Shapiro--NSF) 8. Heffley, D., Visiting Res.(Univ of Sweden) 9. Wolfgang, T. Visiting Res.(Univ of Sweden)	437
2208	Conference Room	<u>CORI/Economics Small Conf. Room</u>	437
2212	Conference Room	<u>CORI/Economics Large Conf. Room</u>	607
2124 C	Computer Room	<u>Cal Dept of Health--Williams</u>	192

CURRENT SPACE ASSIGNMENTS continued

Ellison Hall

2805	Research Office	<u>Public History Program</u> Thomas Fuller	120
3709	Research Office	<u>NEH Curriculum Development</u> G. Wesley Johnson C.C. Johnson	120
5805	Research Office	<u>NEH Domesday Book - Hollister</u> 1. Robin Fleming 2. Corinne Vause 3. Mark Weitzel	120

Bldg 489

Rm 8	Research Office	WRC - Kelley	120
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PLAN I
CORI

KEY

- ▽ PROVISION FOR TELEPHONE
- CT▽ PROVISION FOR COMPUTER TERMINAL
- ┌ BLACK BOARD

