

**COMMUNITY AND ORGANIZATION RESEARCH INSTITUTE**

**ANNUAL REPORT**

**1989-1990**

**Harold L. Votey, Jr.  
Director**

## THE DIRECTOR'S STATEMENT

### Goals and Purposes for Which CORI Was Established

CORI's original charge has been to "serve as a major resource for basic research in the social sciences." Further, "faculty participation in interdisciplinary research" was to be encouraged. This has been interpreted over time to mean that an environment should be created in CORI that encourages, facilitates and administers research activities in the social, behavioral and policy sciences for members of the UCSB community working both within and across disciplines.

What we expect to be able to do is not only to help to increase the volume of social and behavioral science and public policy research, but also to do those things that lead to improvements in the quality of the research that is done. This requires providing the sorts of services reaching the campus and centers of learning elsewhere that keep faculty aware of potential research opportunities and providing the incentives and support that are needed to facilitate the generation of sound research proposals and the prompt completion of research that has been granted funding. Even among researchers who are eminently successful in generating fundable proposals, proposal writing is a tiring and irksome process. Real effort is needed to stimulate as well as encourage faculty to repeatedly put their ideas to the test.

### Serving the Academic Needs of the Community

To serve the instructional and research mission of the campus, a number of centers have been established within CORI for groups of faculty with a common research focus. Among these is the MesoAmerican Research Center, directed by Anabel Ford. That group, coming to CORI from SPRI, was the most active in that institute in generating research proposals. Another important group in CORI is the Center for Cognitive Science Research that began with faculty in Educational Psychology, Geography and Psychology, and presently involves in one way or another more than 10 disciplines. This group is the research arm of an academic program in cognitive science that involves faculty and graduate students in 8 disciplines. Many of the graduate students serve as researchers on grants generated by the research group. A major activity of this group that stimulates research as well as advances academic interests is an ongoing year long colloquium series, involving well established researchers from across the country. A full-fledged academic program has evolved out of this research activity in which graduate students can develop an emphasis in Ph.D. degrees in one of the disciplines participating.

A similar activity has been ongoing now for four years in the Center for Labor Analysis. This group is composed almost entirely of economists with a common research focus. Their colloquium series attracts roughly 20 faculty and/or graduate students to each session.

Graduate students are helped to generate topics for dissertations from exposure to these sessions. Additionally, many of these students are involved as research assistants on faculty projects or are teaching assistants in courses relating to the topic material.

An activity established last year has been the Econometrics and Macroeconometrics Seminar Series under the direction of Doug Steigerwald, a young econometrician in the Department of Economics. Members of this group are active in proposal writing and in generating research for publication. A continuing gift from the private sector, matched with CORI funding, supports this activity.

The Center for the Study of Discourse, another move from SPRI, consists of a group of linguists who are conducting comparative studies among English and a set of oriental languages. Current funding for this group comes from a grant from the Pacific Rim Committee.

Other research centers include the Center for Research in Accounting Education, directed by Glenn Owen, the Center for the Study of Business and Public Policy, directed by M. Bruce Johnson, and the Goethe Studies Center, directed by Gerhart Hoffmeister.

On research projects not related to either of these groups, activities are invariably basic research with research and/or policy objectives appropriate to individual disciplines. More often than not, graduate or undergraduate students are involved with all phases of the research, from proposal writing to final reports, so that students get excellent training in all aspects of research.

### **Response to Needs of the Public at Local, State, and National Levels**

The most obvious link between public needs and research conducted within CORI relates to those proposals with an obvious public policy emphasis. An excellent example of this has been the study, recently compiled, directed by Professor Dan Botkin of Environmental Studies and Biology, on the effects on Mono Lake of overdrafting the basin's water sources by the Los Angeles Department of Water and Power. This was a study funded by the Assembly of the California Legislature. CORI filled the role of grants management. A number of grants were awarded dealing with the geology, hydrology, air quality, biology and ecology of Mono Lake. The blue ribbon panel monitoring these studies developed a final report now over a year old that appears to be having a major influence on legislation and judicial activity at the state and national levels in establishing policy for the waters of the Mono Lake basin.

A second example is the work of the Health Data Research Facility, directed by Ron Williams. That group has generated a methodology for evaluating hospital effectiveness in reducing perinatal mortality that has attracted national interest. Standards have been established that ultimately have met with the approval of local, state, and national health

authorities that will help hospitals in formulating policy to improve their performance. This work continues to receive wide attention in medical journals and the popular press as the results of Dr. Williams' studies reach the public.

A project just completed that is expected to have significant impact on public measures relating to the forest environment of the Pacific Northwest is the research of Walter Mead on the costs and benefits of preserving old growth stands of timber for the Northern Spotted Owl. That study confronts the issue of whether old growth timber harvesting should be controlled to preserve the owl's habitat. At issue are jobs in the timber industry and the survival of the owl.

### **Plans for the Future**

Plans for the future in CORI are a matter of searching for and taking advantage of new research opportunities. The main emphasis will be through the centers that involve groups of cooperating faculty. At the same time, we will always be alert to opportunities to expand into new areas. The Mono Lake study was an example of taking advantage of such an opportunity to conduct public policy research. Other areas that have the potential for new research advances in which CORI investigators are work related to archeology, the economics and politics of the Pacific Rim, learning in mathematics, natural resource management, including timber, water and energy use, labor and population studies, and the control of crime.

The objective is to maintain CORI's long run record of assisting faculty in the social and behavioral sciences. Plans for achieving this include meeting with faculty in each of the social science departments, offering encouragement and incentives to campus members who have good ideas about the generation of new research projects, and helping to clear away obstacles to the development of timely research proposals.

### C. OTHER ACADEMIC PROJECTS Seminars/Symposia/Conferences

#### Cognitive Science Colloquium Series 1989/90

- November 19, 1989      "Murphy: A Connectionist Approach to Vision-Based Path-Planning for a Multi-Link Robot Arm:  
*Bartlett A. Mel, Division of Biology, California Institute of Technology*
- February 23, 1990      "The Lexicography of Risk"  
*Charles J. Fillmore, Department of Linguistics, UC Berkeley*
- March 2, 1990          "Psychophysics, Physiology, and the Theory of Ideal Observers"  
*Wilson S. Geisler, Department of Psychology, The University of Texas at Austin*
- March 9, 1990          "Audition in Teleoperator and Virtual Environment Systems"  
*Nathaniel Durlach, Massachusetts Institute of Technology, NASA-Ames Research Center*

#### Econometric Seminar Series

Under the direction of Douglas Steigerwald of the Department of Economics, a series of seminars focusing on econometrics and macroeconometrics were held during 1989/90. The following speakers presented talks at the CORI sponsored seminars:

Dennis Aigner, UC Irvine  
Rob Engle, UC San Diego  
Cheng Hsiad, University of Southern California  
Jim Powell, University of Wisconsin  
Glenn Rudebusch, Federal Reserve Board  
Jati Sengupta, UC Santa Barbara  
Sunil Sharma, UC Los Angeles  
Doug Steigerwald, UC Santa Barbara  
Jeff Woodridge, Massachusetts Institute of Technology

**Santa Barbara Economic Forecast Seminar**

This one-day seminar was held on April 11, 1990 at the Four Seasons Biltmore Hotel in Santa Barbara. The seminar was under the direction of Mark Schniepp.

*"The 1990 Census Means Business."* Susan A. Block, Department of Economics, UC Santa Barbara.

*"National and State Forecast."* Larry J. Kimball, Graduate School of Management, UC Los Angeles.

*"The Returns to Home Ownership in Santa Barbara, 1959-1989."* Jon Sonstelie, Department of Economics, UC Santa Barbara

<b>CORE FUNDING FOR: <i>COMMUNITY &amp; ORGANIZATION RESEARCH INSTITUTE</i></b>
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<b>ACADEMIC SALARIES:</b>	<b>FTE</b>	<b>AMOUNT</b>
<i>DIRECTOR</i>	.40	\$27,760.00
STIPEND		3,600.00
OTHER	.10	4,040.00

<b>STAFF SALARIES:</b>	1.5	44,580.00
<b>GENERAL ASSISTANCE</b>		9,905.00
<b>EMPLOYEE BENEFITS</b>		-0-
<b>SUPPLIES AND EXPENSES</b>		8,996.00
<b>OTHER</b>		15,000.00

<b>TOTAL CORE BUDGET 1989/90</b>		<b>\$113,881.00</b>
<b>TOTAL CORE FTE 1989/90</b>	<b>2.0</b>	

<b>RECHARGE ACCOUNT:</b>	
GA	\$4,872.00
S&E	
BENEFITS	188.00
OTHER	

<b>TOTAL RECHARGE:</b>	<b>\$5,060.00</b>
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**INTRAMURAL FUNDING FOR:  
COMMUNITY & ORGANIZATION RESEARCH INSTITUTE**

<b>PRINCIPAL INVESTIGATOR</b>	<b>AMOUNT</b>	<b>SOURCE OF FUNDS</b>
Susan Goldman	\$5,852.45	CSSCAP, ORDA
Sethard Fisher	\$2,000.00	AFFIRM. ACTION



## ANNUAL REPORT - OFFICE OF RESEARCH - APPENDIX C

## STAFFING STATISTICS FOR: COMMUNITY &amp; ORGANIZATION RESEARCH INSTITUTE

<b>ACADEMIC STAFF:</b>	<b>ACADEMIC TITLE:</b>
Anderson, John	Research Assistant
Anselin, Luc	Research I
Beckman, S.	Research Assistant
Borjas, George	Research V o/s
Bratsberg, Bernt	Research Assistant
Brown, Robert	Research Assistant
Camarata, Mary	Associate Specialist
Camarata, Stephen	Assistant Research III
Carter, Cynthia	Research Assistant/ Postgraduate Researcher
Caswell, Margriet	Assistant Research IV
Chen, William	Research Assistant
Cicinelli, Joseph	Research Assistant
Comanor, William	Research VIII
Espana, J.	Research Assistant
Fikes, Ted	Research Assistant
Fischer, Susan	Research Assistant
Flury, Andreas	Postgraduate Researcher
Frea, William	Research Assistant
Fry, Phyllis	Postgraduate Researcher
Fujita, Naofumi	Visiting Asst. Research II
Fukui, Haruhiro	Research VI
Fukusima, Sergio	Research Assistant

<b>STAFFING STATISTICS FOR: COMMUNITY &amp; ORGANIZATION RESEARCH INSTITUTE</b> <i>(continued)</i>
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<b>ACADEMIC STAFF:</b>	<b>ACADEMIC TITLE:</b>
Gale, Nathan	Assistant Research I
Golledge, Reginald	Research a/s
Harmer, Melinda	Research Assistant
Heiman, Elizabeth	Research Assistant
Hickey, Dan	Research Assistant
Ibegbulam, B.	Research Assistant
Jewell, R. T.	Research Assistant
Kanayama, Yutaka	Research Engineer II
Klatzky, Roberta	Research IV
Koegel, Lynn	Associate Specialist II
Koegel, Robert	Research IV
Law, David	Research Assistant
Lombard, K.	Research Assistant
Loomis, J.	Research I
Mann, Dean	Research VII
Mastrogiannis, Anastasios	Research Assistant
Matula, Dana	Research Assistant
McLain, Timothy	Research Assistant
McShane, Mary K.	Research Assistant
Mead, Walter	Research VIII
Mercer, Lloyd	Research V
Mitchell, S.	Research Assistant

<b>STAFFING STATISTICS FOR: COMMUNITY &amp; ORGANIZATION RESEARCH INSTITUTE</b> <i>(continued)</i>
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<b>ACADEMIC STAFF:</b>	<b>ACADEMIC TITLE:</b>
Mobley, Lee	Research Assistant
Morgan, Douglas	Research V
Morrin, Kevin	Research Assistant
Pellegrino, James	Research V
Plowman, Michael	Research Assistant
Ramoo, Ratha	Programmer
Reed, Catherine	Research Assistant
Rey, Sergio	Research Assistant
Ruggles, Amy	Research Assistant
Rust, Frank	Associate Specialist I
Rust, Kam	Associate Specialist I
Saben, Cari	Research Assistant
Santurtun, Martin	Research Assistant
Schniepp, Mark	Associate Research I
Scriven, Paul	Research Assistant
Surratt, Alan K.	Research Assistant
Votey, Harold, Jr.	Director
Weatherford, M. S.	Research III
Williams, Ron	Research III
Yager, Edward	Research Assistant
Zhong, Yoakun	Staff Research Associate

**ACADEMIC STAFF FROM OTHER INSTITUTIONS:**  
**(including other UC campuses)**

NONE

<b>STAFFING STATISTICS FOR: COMMUNITY &amp; ORGANIZATION RESEARCH INSTITUTE</b> <i>(continued)</i>
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<b>ADMINISTRATIVE STAFF:</b>	<b>ADMINISTRATIVE TITLE</b>	
Cornet, Jeanie	Administrative Assistant III	Career
Davidson, Stephanie	Principal Clerk	Career
Dandona, Joan	Sr. Word Processing Specialist	Career

CORI		SQ FEET		NO OF PEOPLE
1013		150		1
1015		150		1
1017		150		1
2201		345		2
2201A		138		1
2202		247		1
2204		264		2
2205		138		1
2206		345		
2207		276		2
2208		437		
2209		437		4
2212		607		
2213		625		4
2124C		192		
2704 ELLISON		120		1
5805 ELLISON		120		1
<b>TOTAL CORI</b>		<b>4741</b>		<b>22</b>