

ANNUAL REPORT

1983-1984

Harold L. Votey, Jr.
Director

COMMUNITY AND ORGANIZATION RESEARCH INSTITUTE
University of California, Santa Barbara

August 17, 1984

COMMUNITY AND ORGANIZATION
RESEARCH INSTITUTE

Staff

Harold L. Votey, Jr., Director
John Pippenger, Associate Director
Perry Shapiro, Associate Director
Terence R. Smith, Associate Director
Barbara Hagen, Administrative Assistant, CORI
Maritza Elias, Administrative Assistant, Mexus and BEEP
Jeanie Cornet, Principal Clerk
Joan Dandona, Word Processor

Advisory Committee

G. Wesley Johnson, Chairperson (History)
Allen Gersho (Electrical and Computer Engineering)
James Pellegrino (Graduate School of Education)
Jon Sonstelie (Economics)
M. Stephen Weatherford (Political Science)
Madeline Jackson (Graduate Student Representative)

1983/84 COMMUNITY AND ORGANIZATION RESEARCH INSTITUTE
ORGANIZATION CHART

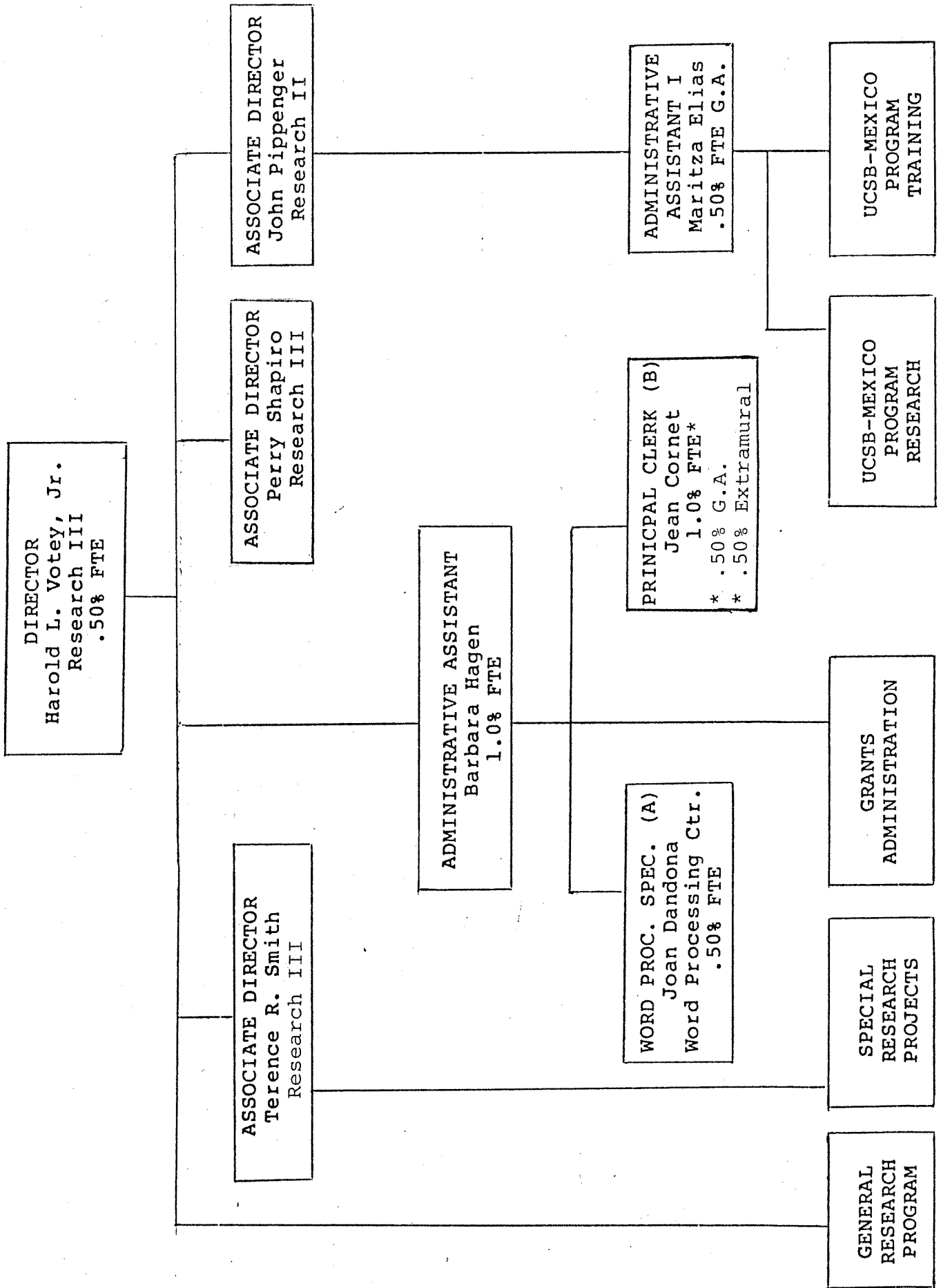


TABLE OF CONTENTS

Organization Chart	iii
Director's Statement	1
Summary of Highlights	20
Research in Progress	23
Seminars & Conferences	31
Publications	34
Invited Papers	39
Public Service	41
Appendix A	
Extramural Research Activity.	42
Intramural Research Activity.	49
Extramural Expenditures	52
Intramural Expenditures	56
Statistical Summary	57
Appendix B	
Academic Staff Engaged in Research.	58
Participation from Other Campuses & Industry.	60
Appendix B-2	
Employees on Non-University Funds	62
Employees on University Funds	67
Current Space Assignments.	69

TABLE OF CONTENTS

	<u>Page</u>
Organization Chart	iii
Director's Statement	1
Summary of Highlights.	11
Research in Progress	13
Publications	21
Work Submitted	26
Papers Presented	28
Academic Program Contributions	31
Professional Activities	33
Other Academic Projects.	36
Expenditures - Extramural.	40
Expenditures - Intramural.	42
APPENDIX A	
A-1 Extramural Activity.	43
A-2 Intramural Activity.	48
APPENDIX B	
Statistical Summary	50
B-1 (1-a) UCSB Academic Staff Engaged in Research	52
B-1 (1-b) Participation from other campuses, industry and government.	54
B-2 Employees on Non-University Funds.	56
B-2 Employees on University Funds.	60
B-3 Current Space Assignments	62

THE DIRECTOR'S STATEMENT

The 1983-84 fiscal year has been one of continuing growth, with the total of funds granted rising to \$916,164 from a level of \$793,399 for the previous fiscal year, a gain of 15.5%. This is a respectable rate of growth not far off the average rate of 27% that CORI has maintained from the 1971-72 fiscal year to the present, based on an end point calculation, particularly, in view of the fact that calculation begins at a level of \$63,735 in 1971-72. This year's increase has come about primarily as a consequence of success in increasing the average funding level for projects obtaining support, which rose to an average of \$43,627 per grant from a level of \$31,518 for the previous fiscal year. The number of proposals funded is one less than in the previous year.

CORI CONTINUES TO BE A MULTIDISCIPLINARY EFFORT

At its inception, CORI was charged to "serve as a major resource for basic research in the social sciences with faculty participation in interdisciplinary research". In CORI we have always treated this as a two-fold objective: to be a major resource for basic research and to persuade CORI clients, when appropriate, to treat research topics as subjects for interdisciplinary effort. As is typical of such efforts around the country, we admit to being more successful at the former objective than the latter.

An indication of participation in CORI activities is

presented in Table 1 that shows the pattern over time of faculty, professional researcher, and student participation in funded projects. This picture combined with the pattern of funding as presented in Figure 1 indicates the solid growth in CORI activities over the past years. Increased participation by members of the UC research community has been matched by a substantial growth in the number of projects funded and the level of funding per project. Activities continue to be expanded across disciplines and beyond the confines of the UCSB campus.

Success at obtaining grant funds is something we who administer CORI are proud of, but something that has relatively little to do with CORI's reputation as a research institute. Success is a consequence of the individual activities of principal investigators to convince funding agencies they will produce quality results. Obviously, the best indicator of that is past experience and, typically, the larger grants go to researchers with strong research records. At the same time, there is always opportunity for new researchers with innovative projects.

At CORI, we see our role as encouraging the submission of proposals, as creating an atmosphere in which researchers in diverse disciplines can be brought together for joint efforts, and as providers of services that facilitate the generation of proposals and the administration of research projects. Our success in making CORI multidisciplinary is illustrated in Table 2. The table illustrates the breadth of disciplines represented, but doesn't make clear the extent to which they are interdisci-

Table I

PERSONNEL AFFILIATED WITH C.O.R.I.

	<u>79/80</u>	<u>80/81</u>	<u>81/82</u>	<u>82/83</u>	<u>83/84</u>
A. <u>Extramural Funds</u>					
Faculty	15	14	32	36	33
Professional Researchers	2	3	6	5	3
Specialists	0	1	2	3	2
Postgraduate Researchers	4	9	10	3	8
Graduates	47	19	27	23	22
Undergraduates	7	9	8	6	15
Fellowships	9	7	5	4	7
B. <u>University Funds</u>					
Administrative	3	3	5	5	3
Technical	4	2	2	1	1
Clerical	4	4	8	2	7

Figure 1. COMMUNITY & ORGANIZATION RESEARCH INSTITUTE
 Historical Pattern of Funds Granted and Number of Successful Proposals

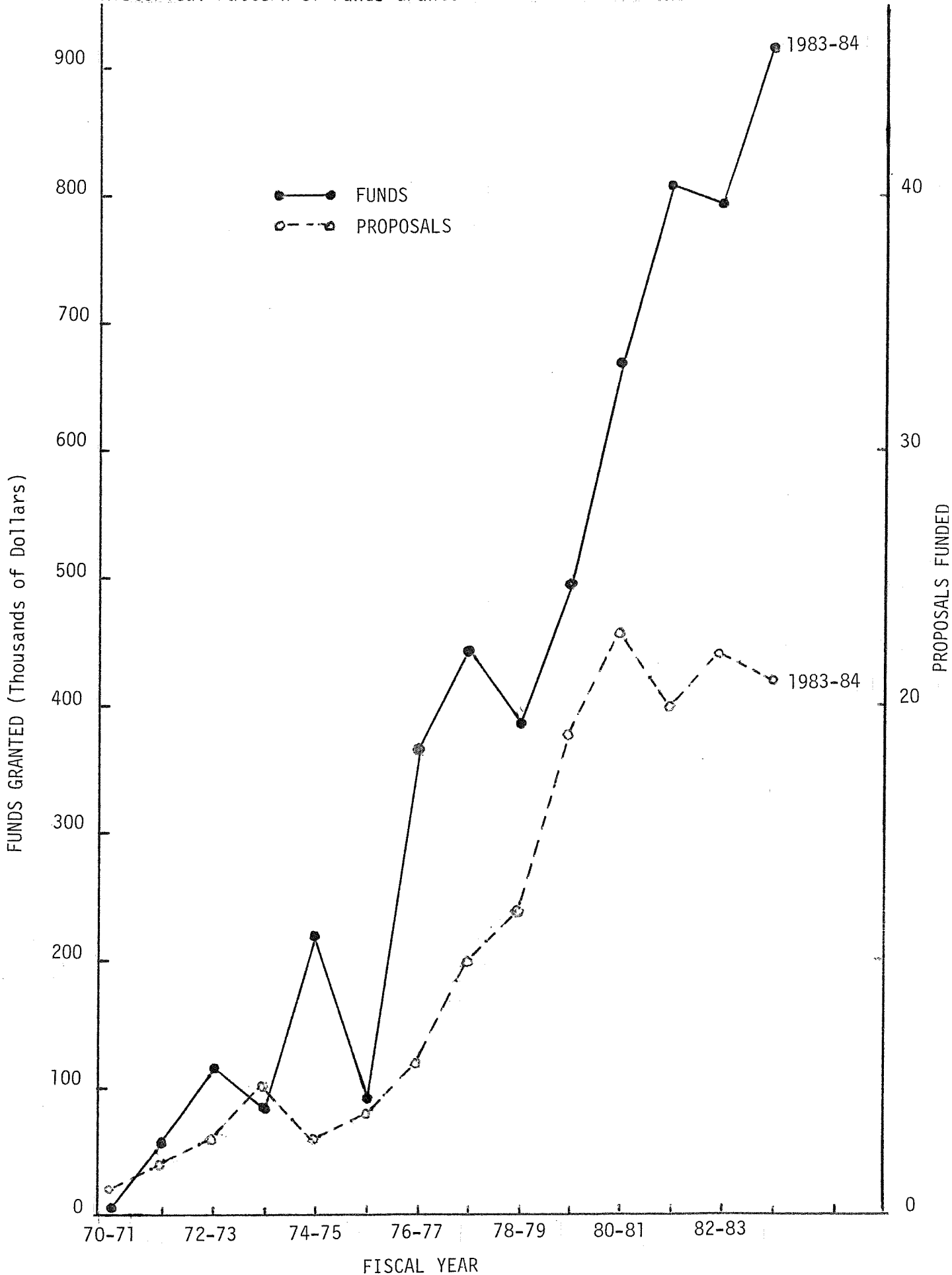


Table 2

CORI Research Projects and Disciplines Involved in 1983-84
 (Discipline Involvement is defined on basis of personnel being based in or having formal training in discipline.)

Research Area:	Disciplines:															
	Anthropology	Bio.-Science	Chicano Studies	Computer Science	Economics	Education	Envr. Studies	Geography	History	Law	Physics	Politi. Science	Psychology	Sociology	Spanish	Math-Statistics
Artificial Intelligence								X								
Consensus Among Nations													X			
Crime Studies					X											
Data Base Management				X	X			X								
Drunken Driving Behavior & Control					X											
Energy Studies					X						X					
Health Economics		X		X	X											
History Using Computer Technology As a Tool									X							
Insurance					X											
International Business	X		X		X				X			X			X	
Migration					X			X								
Natural Resource Studies					X											
Non-Linear Decision Systems					X			X								X
Public Finance					X											
Public and Oral History										X						
Recreation									X							
Remote Sensing								X								
Spatial Behavior & Knowledge						X		X					X			X
Water Resource Use					X											

plinary. In fact, something less than half of the funding received is for projects that substantially involve more than a single discipline.

That the average size of grants has been increasing over time, at a rate greater than the rate of inflation, is one indication that the perceived quality of research administered by CORI has been improving. This is to the credit of the effective client group who continue to channel their research efforts through CORI.

THE SCOPE OF CORI RESEARCH

As is indicated by Table 2, the scope of CORI research has been broadening over the years. In part, this has been a consequence of expansion of CORI's faculty client group from 14-15 for the fiscal years 78/79 and 79/80 to 33-36 in the years 82/83 and 83/84. It also, however, represents an expansion of interests by members of the faculty as can be noted by the variety of topics involving individual investigators over time. Not only has the number of disciplines involved been increasing, but also the interests of investigators has been broadening as they adopt proven methodologies to new topics. Examples are Walter Mead, with Henri Fenech evaluating alternative technologies for electricity generation, moving from the analysis of development and recovery costs of oil and gas, or Llad Phillips utilizing techniques for evaluating the costs of crime to considering the impact of fear of crime on the elderly. Advances are taking place in adapting new technologies to old areas of research, as for example,

historian Warren Hollister's creation of a computer data base from the Domesday Book. This activity promises to create an invaluable source for further research on that massive historical archive. Other researchers have taken the step of adapting new technologies to new areas of research as for example Terry Smith, who has been developing the concept artificial intelligence in the realm of spatial knowledge and adapting it to problems that could involve a number of related disciplines on campus.

A new area of research for CORI has been work directed by Jack Estes that involves remote sensing and image processing to deal with a host of problems. This work relates with the artificial intelligence research of Smith on the one hand and in an entirely different sphere to environmental problems.

At the same time, researchers continue to deal with the topics that have been mainstays of CORI research over recent years. These include Ron Williams and his work with health data, Margriet Caswell, Lloyd Mercer, Doug Morgan, and Dean Mann working with issues revolving around water use, Marian Johnson with several projects in oral history. Perry Shapiro along with colleagues at the University of Michigan and Boalt School of Law continues to work on problems of local public finance. George Borjas continues to investigate issues of labor economics largely relating to minority problems. Fukui and Merkl are completing thier work on international growth comparisons.

CORI continues to be involved in the improvement and expansion of all academic programs. This is due to the efforts of

G. Wesley Johnson and supported by a grant from the National Endowment for the Humanities. That grant has provided resources and support to four faculty members in History whose efforts have resulted in five new courses for the program in Public History.

CORI DIRECTIONS FOR THE FUTURE

Changes take place as some efforts succeed beyond expectations and other fail to live up to their initial promise. In the latter category has been the BEEP Program of exchange of students in business economics between the Universidad Automoma de Nuevo Leon and UCSB. Our experience has been that the training there has not attracted the student participation we had hoped. This has been, in part, a consequence of the setbacks to the Mexican economy and a perceived declining potential for business between the two countries. Student participation has not justified the resources that would be required to maintain the program. With some reluctance the participants have agreed to discontinue the student exchange but continue with efforts to generate joint research projects among the faculty of the two institutes. A trip to Monterrey is planned by Llad Phillips in August to develop research plans.

On another front new activities are on the horizon. Terry Smith, along with Jim Pelligrino and Roberta Klatzky have embarked on ambitious plans to create a research program in cognitive science that has the potential for involving a number of disciplines in an entirely new area of research for the campus. An ambitious program is planned to create a symposium series,

involve post doctoral researchers, and attract new talent to UCSB.

CORI SERVICES

CORI continues to improve and expand the services offered to its client group. With the acquisition of a new Tandy Model 16 Computer, word processing and accounting capabilities have been improved and expanded. The new (a year ago) space for researchers has become fully utilized. Conference space has been improved.

Most notable in the latter category is the Pellish Room, a high quality conference space for meeting with grantor representatives on site visits, conferences with special visitors involved with campus research, and interdisciplinary planning sessions on CORI projects. The room is dedicated to Max and Mary Pellish. Max is a lecturer emeritus in economics who has made substantial gifts to the University for programs in business. Some of their contributions have provided the furnishings for the room. It is their hope that the room will be used exclusively for projects that enhance the reputation of the campus in business and research in general.

The staff of CORI, headed by Barbara Hagen continues to be dedicated to making research easier and more rewarding. In addition to supervising all aspects of the CORI office, Barbara gives her personal attention to proposal budgets and grant personnel. Jeanie Cornet has upgraded grants accounting to reduce the burden

to investigators of maintaining financial records. Joan Dandona provides rapid and efficient service in word processing for all phases of research activity from proposal submission to the development of research papers. The CORI staff continues to be committed to providing the highest quality of services to CORI clients.

SUMMARY OF HIGHLIGHTS

- July 1983
- Proposal funded: "Maternal and Child Care Health Statistical Base: Development, Application, and Dissemination," Calif. Department of Health Services, RL Williams, \$187,926.
- Proposal funded: "The Implications for Total Water Demand from the Adoption of Drip Irrigation in California Agriculture," Water Resources Center, M. Caswell, \$21,500.
- Proposal funded: "The Relative Cost of Prices vs. Rationing to Resolve Water Shortages," Water Resources Center, LJ Mercer, WD Morgan, \$9,500.
- Proposal funded: "Scientific and Policy Impacts of Research Progress of the Water Resources Center," Water Resources Center, D Mann, \$2,831.
- Proposal funded: "Santa Barbara Regional Oral History Program," Wilbur Foundation, MA Johnson, \$5,000.
- TR Smith, JW Pellegrino and RG Golledge invited to Quito, Ecuador to attend the 10th Inter-American Psychology Conference, and to present a paper at a special session on Children's Cognition of External Environments.
- Proposal funded: "Santa Barbara and the City Beautiful Movement," California Council for the Humanities, MA Johnson, \$7,500.
- Proposal funded: "Knowledge Based Engineering for Data Base Management and Use," Department of Interior, TR Smith and JE Estes, \$67,556.
- Proposal funded: "Evaluating Sanctions in an Individual Choice Model; The Case of Drunken Driving Part II," H.L. Votey and P. Shapiro, Department of Justice, \$89,813.
- September 1983
- Proposal Funded: "US/United Kingdom Joint Workshop in Interfacing Micro and Macro Models of Human Spatial Behavior, Santa Barbara, CA, April 1984," NSF, T.R. Smith, \$11,140
- "Research Seminar on Interfacing Micro and Macro Models of Human Spatial Behavior," NSF, TR Smith
- October 1983
- Proposal funded: "Applying Artificial Intelligence to Large Networks," NASA, JE Estes and TR Smith, \$14,315.
- Proposal funded: "Modify and Install an Operational EDP Software System in Pilot Counties of Marin, Santa Cruz and Los Angeles," RL Williams, California Department of Health Services, \$42,500.

- November 1983 "Is Mexico on its Way to Recovery?" Conference sponsored by the Business Economics Exchange Program (BEEP) and the UC/Mexico consortium. Attended by business leaders and representatives of the governments of Mexico and the US.
- January 1984 Proposal funded: "Automated Perinatal Information System," National Institute of Health Maternal and Child Health, RL Williams, \$119,660.
- Proposal funded: "The Private and Social Costs of Alternative Electric Power Technologies for California," Universitywide Energy Research Group,, WJ Mead and H Fenech, \$7550.
- March 1984 Proposal funded: "Constructing a Self-Modifying Knowledge Based Geographical Information System," NSF, TR Smith, J. Estes, D Peuquet, \$75,000.
- April 1984 P Slater develops a continuous model of migration that allows one to estimate the migration taking place between geographic areas, for which census data are not directly available.
- June 1984 Fifth Annual Conference on Crime Control Theory, June 14-15, in cooperation with the National Institute of Justice, held at UCSB, and hosted jointly by CORI, Dept. of Economics and SPRI.
- Proposal funded: "Male-Female Crime Rate Differentials: A Study of Effects of Causal and Social Control Forces," NSF, HL Votey and L Phillips, \$55,710.
- Proposal funded: "Constructing Geographic Expert Systems with Learning Capabilities," NASA, TR Smith and R. Dubayah, \$13,500.
- Proposal funded: "History of the Santa Barbara Beautification Movement," Pearl Chase Foundation, MA Johnson, \$2500.
- CORI holds an Open House to celebrate the improved facilities at the Institute consisting of a TRS 80 computer, a newly furnished visitor's lounge and conference facility, and additional research space.
- Proposal funded: "Optimum Insurance for People Who Don't Want Any," Huebner Foundation, J. Marshall, \$5000.
- Proposal funded: "Evaluating Sanctions in an Individual Choice Model: The Case of Drunken Driving Part II," NIJ, HL Votey and P Shapiro, \$89,813.

RESEARCH IN PROGRESS

Title: Creating A New Professional Person: The Public Historian

Principal

Investigator: G. Wesley Johnson, Associate Research Historian

Faculty: Patricia Cohen, Associate Research Historian
Nancy Gallagher, Assistant Research Historian
Laura Kallman, Assistant Research Historian
Carroll Pursell, Research Historian

Abstract: A pioneering graduate program which aims at creating a new professional person: The Public Historian.

Title: Review for the Exposition Park, Multicultural State
Recreational Area Project

Principal

Investigator: Carroll Pursell, Research Historian

Faculty: A.J. Rios-Bustamonte, Faculty Consultant

Students: Rebecca Conard, Assistant Robert Pavlik, Assistant
Ranford Hopkins, Assistant Robert Psuik, Assistant
James Houlihan, Assistant Angela Woollacott, Assistant
Karen Miller, Assistant

Abstract: The principal investigator will conduct an historical research survey of the various cultural groups which make up the population of the State and their rich and varied histories.

Title: Extension of the Region 6 Analysis to Include 1980-81 Data

Principal

Investigator: Walter J. Mead, Research Economist

Associates: Mark Schniepp, Postgraduate Research Economist
Richard Watson, Postgraduate Research Economist

Student: Joseph Lowery, Research Assistant

Abstract: Updating the report on the effectiveness of competition and appraisals in the auction markets for national forest timber in the Pacific Northwest to include timber sales data for the years 80/81.

Title: Focus on Mexico and the U.S.: A Cooperative Business Economics
Training Program

Principal

Investigator: John Pippenger, Research Economist

Staff: Maritza Elias, Administrative Assistant

Abstract: A program of technical, economic and cultural interchange with the Universidad Autonoma de Nuevo Leon, Monterrey, Mexico.

Title: Urban Water Conservation: Estimates of the Potential of Policy Alternatives
Principal
Investigators: Lloyd J. Mercer, Research Economist
W. Douglas Morgan, Research Economist
Staff: Elizabeth Clingman, Postgraduate Researcher
Abstract: An analysis of non-structural urban water demand management by fifty municipal enterprise water utilities will be undertaken for FY 1970-81.

Title: Oral History Program
Principal
Investigator: Marian Ashby Johnson, Academic Coordinator
Staff: Deni Stevenson, Lab Assistant
Students: Ione Edberg, Assistant
Kathleen Hawkins, Assistant
Madeline Jackson, Assistant
Abstract: The goal of this 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.

Title: Domesday Book Data Base
Principal
Investigators: C. W. Hollister, Research Historian
Robin Fleming, Assistant Specialist
Students: Katherine Mack, Postgraduate Research Historian
Henrique Tono, Assistant
Mark Weitzel, Assistant
Abstract: This project is to create a data base from the Domesday Book, designed to make any of the more than three million pieces of information quickly and easily accessible.

Title: Studies in Local Public Finance
Principal
Investigator: Perry Shapiro, Research Economist
Theodore Bergstrom, Visiting Research Economist
Daniel Rubinfeld, Visiting Research Economist
Students: Judith Roberts, Postgraduate Researcher
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.

Title: Creating a New Curriculum in Public History
Principal Investigator: G. Wesley Johnson, Associate Research Historian
Students: E. Manchuelle, Research Assistant
Kathleen Hawkins, Assistant
P. Renee Yew, Assistant

Abstract: This grant, in combination with the Graduate Program in Public History, provides funds for curriculum development in order to strengthen the graduate program, create a new undergraduate emphasis, and provide the means for faculty to develop new courses and receive further training.

Title: A Proposal to Investigate the Scientific and Policy Impacts of the Research Program of the Water Resources Center, UC.

Principal Investigator: Dean E. Mann, Research Political Scientist
Students: Thomas Andres, Research Assistant

Abstract: This investigation will provide an evaluation of the scientific output of the Water Resources Center of the University of California, Davis.

Title: Modify and Install an Operational EDP Software System in Pilot Counties of Marin, Santa Cruz, and Los Angeles

Principal Investigator: Ronald L. Williams, Associate Research Economist
Staff: John Marinko, Programmer

Abstract: For this project the principal investigator will work with the California Department of Health Services staff to identify and demonstrate a cost effective interface between county EDP systems and state processes.

Title: Applying Artificial Intelligence to Large Networks

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

Students: Ralph Dubayah, Research Assistant
Joseph Lin, Research Assistant

Abstract: This research will focus on the concept of spatially dispersed knowledge base, as applied to a distributed computer network.

Title: Proposal for a Research Workshop on Interfacing Micro and Macro Models of Human Spatial Behavior

Principal Investigator: Terence R. Smith, Research Geographer

Abstract: This project proposes a joint US/UK Workshop for geographers, regional scientists and statisticians to explore bases for linking models of individual decision making behavior and models of aggregate behavior in distributed systems.

Title: Santa Barbara and the City Beautiful Movement
Principal Investigator: Marian Ashby Johnson, Academic Coordinator

Abstract: This project presents 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.

Title: Knowledge Based Engineering for Data Base Management and Use
Principal Investigators: John Estes, Research Geographer
Terence R. Smith, Research Geographer
Donna Peuguet, Assistant Research Geographer

Students: Micha Pazner, Postgraduate Research Geographer
Zitan Chen, Research Assistant

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.

Title: A Multilevel Analysis of U.S. Migration Flows
Principal Investigators: Terence R. Smith, Research Geographer
Paul B. Slater, Associate Researcher

Students: Larry Gorenflo, Research Assistant
Kristie Reimer, Research Assistant
Mathew Schwab, Research Assistant

Abstract: This study proposes the utilization of internal migration flow data on a county-to-county basis, for the effective modeling of U.S. migration patterns.

Title: An Automated Vital Statistics System
Principal Investigator: Ronald L. Williams, Associate Research Economist
Staff: Peter Chen, Programmer

Abstract: The purpose of this project is to test the feasibility of implementing a computer system for automating birth certificates in hospitals, and secondarily to test the improvements in timeliness and accuracy of the resultant perinatal information.

Title: Maternal and Child Care Health Statistical Base: Development, Application, and Dissemination

Principal Investigator: Ronald L. Williams, Associate Research Economist
Staff: Elizabeth J. Clingman, Associate Specialist

Abstract: Continued application and development of the Maternal and Child Health Data Base.

Title: Driving While Intoxicated: Behavioral Forces and Legal Sanctions for Control

Principal

Investigators: Harold L. Votey, Jr., Research Economist
Perry Shapiro, Research Economist

Abstract: Economic choice models for decisions under uncertainty will be used to identify and measure deterrence effects in regard to the control of drunken driving.

Title: A Computational Approach to Children's Acquisition of Spatial Knowledge of a Large-Scale Environment

Principal

Investigators: Terence R. Smith, Research Geographer
Reginald G. Golledge, Research Geographer
James W. Pellegrino, Assoc. Research Educator
Sandra J. Marshall, Assistant Research Psychologist

Students: Sally Doherty, Postgraduate Researcher
Nathan Gale, Research Assistant
C.G. Lundberg, Associate Specialist
Valerie Shute, Research Assistant

Abstract: This study examines how children acquire and use spatial information during way finding tasks in a large-scale, suburban environment.

Title: The Private and Social Costs of Alternative Electric Power Technologies for California

Principal

Investigators: Walter J. Mead, Research Economist
Henri J. Fenech, Research Engineer

Student: Thomas Clifford, Postgraduate Research Economist

Abstract: This project estimates the private and social costs of four alternative electric power technologies.

Title: The Impact of Immigrants on the Earnings of Natives in the U.S. Labor Market

Principal

Investigator: George J. Borjas, Research Economist

Abstract: This research project investigates the impact of the foreign-born on the earnings of the native-born in the U.S. labor market.

Title: Development of Solar Illumination Images for Chaparral Modeling in Southern California

Principal

Investigator: John E. Estes, Research Geographer

Students: D. Eckhardt, Staff Research Associate
Stephen Yool, Staff Research Associate

Staff: J. Scepan, Sr. Photographic Tech

Abstract: This project proposes to carry out a series of pilot tests to determine the most useful realization of an integrated solar radiation data base for application in plant community ecology studies.

Title: The Relative Cost of Prices vs. Rationing to Resolve Water Shortages

Principal

Investigators: W. Douglas Morgan, Research Economist
Lloyd J. Mercer, Research Economist

Students: Roy C. Lathrop, Postgraduate Research Economist

Title: The Implications for Total Water Demand from the Adoption of Drip Irrigation in California Agriculture

Principal

Investigator: Margriet Caswell, Assistant Research Economist

Students: Roy C. Lathrop, Postgraduate Research Economist

Abstract: This project proposes to use economic modeling techniques to study the effects of the adoption of drip irrigation technology on water-use efficiency, total water demand, groundwater overdrafts, and land-use patterns.

Title: Knowledge Based Engineering for Data Base Management and Use

Principal

Investigators: Terence R. Smith, Research Geographer
John E. Estes, Research Geographer

Students: Zitan Chen, Research Assistant
Kam Chow, Research Assistant
Micha Pazner, Postgraduate Researcher

Abstract: This proposal is for research in investigating the applicability of Artificial Intelligence techniques to spatial database management and use.

Title: Workshop in Nonlinear Decision Systems

Principal

Investigator: Terence R. Smith, Research Geographer

Abstract: The objective of the workshop is to formulate an agenda for basic research in the area of nonlinear decisions systems, and to initiate a program of interdisciplinary research.

Title: UCSB Interdisciplinary and Interinstitutional Colloquium/Research Seminar and Publication Series on Studies of Mexican Society and Historical Processes

Program

Director: John J. Pippinger, Professor of Economics

Staff: Maritza Elias, Administrative Assistant

Students: Victor La Guardia
Kathleen Latimer
Marjorie Sampson

Title Constructing a Self Modifying Knowledge Based geographical Information System

Principal

Investigators: Terence Smith, Research Geographer
Donna J. Peuquet, Assistant Research Geographer
John E. Estes, Research Geographer

Abstract: The researchers will examine several theoretical issues concerning the construction of a Knowledge-Based Geographical Information System and integrate the results of this research into a running prototype of such a system.

Title: History of the Santa Barbara Beautification Movement

Principal

Investigator: Marian Ashby Johnson

Abstract: Through a series of oral history interviews with persons who were involved in establishing policies that led to the beautification of Santa Barbara from 1920, a library of taped interviews will be created with the focal point being Pearl Chase.

Title: Optimum Insurance for People Who Don't Want Any

Principal

Investigator: John M. Marshall, Research Economist

Abstract: This research will study the need for improvement of the theory and reexamination of the facts of disagreement between the theory of moral hazard and certain widely-believed propositions about disaster insurance and mitigation.

Title: Male-Female Crime Rate Differentials: A Study of Effects of Causal and Social Control Forces

Principal

Investigators: Harold L. Votey, Jr., Research Economist
Llad Phillips, Research Economist

Abstract: The focus of this research is on the factors, both causal and control, responsible for the changing crime rate differentials between men and women.

Title: Constructing Geographic Expert Systems with Learning Capabilities

Principal

Investigators: Terence R. Smith, Research Geographer
Ralph Dubayah, Postgraduate Research Geographer

Abstract: The objective of the proposed research is to explore machine learning as applied to geographic expert systems (GES).

Title: The Effectiveness of Alternative Water Rationing Schemes

Principal

Investigators: Lloyd J. Mercer, Research Economist
W. Douglas Morgan, Research Economist

Abstract: This research will analyze the potential of policy alternatives for improving nonstructural urban water demand management with focus on water conservation.

Title: Evaluating Sanctions in an Individual Choice Model: The Case of Drunken Driving Part II

Principal

Investigators: Harold L. Votey, Jr., Research Economist
Perry Shapiro, Research Economist

Abstract: The objective of this research is to derive information that will lead to more effective legislation enforcement and sanctioning policy to reduce the substantial losses attributed to drunken driving.

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Hollister, C. Warren, "War and Diplomacy in the Anglo-Norman World," Anglo-Norman Studies, 6, 1984, forthcoming).

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_____, Monarchy, Magnates and Institutions in the Anglo-Norman World, Hambledon Press, London, 1984 or 1985, forthcoming.

_____, "Henry I and the Invisible Transformation of Medieval England," Festschrift for Prof. RHC Davis, London, Hambledon Press, forthcoming.

Mack, Katharin, "Changing Thegns; Cnut's Conquest and the Anglo-Saxon Aristocracy," Denis Bethell Prize article, Albion, forthcoming, September 1984.

_____, "Stalking the Staller; Administrative Innovation in the Reign of Edward the Confessor," The Journal of Medieval History, forthcoming.

Mead, Walter J., "The Rate of Return Earned by Lessees Under Cash Bonus Bidding for OCS Oil and Gas Leases," (with A. Moseidjord and P. Sorensen), The Energy Journal, Vol. 4, No. 4, October 1983. Research Report.

_____, "Managing Public Lands: The Economic Perspective" (with A. Moseidjord and Dennis Muraoka), Western Wildlands, Fall 1983, pp. 12-15. Article.

_____, "Alternative Bid Variables as Instruments of OCS Leasing Policy," Contemporary Policy Issues, No. 5, March, Western Economic Association. Article.

_____, Testimony on Tax Treatment of Producers of Oil and Gas, Hearings before the US House of Representatives, Committee on Ways and Means, May 5, 1983, 98th Cong., 1st Session, pp 205-214.

_____, "Competitive Bidding Under Asymmetrical Information: Behavior and Performance in Gulf of Mexico Drainage Lease Sales, 1959-1969" (with Moseifjord and Sorensen), The Review of Economics and Statistics. 1984.

_____, "The External Costs of Electric Power Generation from Nuclear and Coal Fuels" (with Tom Clifford), Proceedings, Conference of the International Association of Energy Economist, New Delhi, India, 1984.

_____, "Oil and Gas: Regulation and Public Policy (with R. Deacon) chapter in Economics of the Mineral Industries, 4th Edition, Wm. A. Vogely (ed.).

PUBLICATIONS continued

Peuquet, Donna J., "Geographic Information Systems," (with D. Marble) Chapter 22, Vol. I of the revised edition of the Manual of Remote Sensing. American Society of Photogrammetry, 1983.

_____, "A Hybrid Structure for the Storage and Manipulation of Very Large Spatial Data Sets," Computer Graphics and Image Processing, Vol 24.

Shapiro, Perry, "The Taking of Land: When Should Compensation Be Paid?" (with L. Blume and D.L. Rubinfeld). The Quarterly Journal of Economics, February 1984. Article.

_____, "Highway Accidents in Sweden: Modeling the Process of Drunken Behavior and Control," (with H.L. Votey, Jr.). Accident Analysis and Prevention, 1983. Article.

Slater, P., "Measuring Migration Fields of U.S. Counties," Geographical Analysis, 16 (1984): 65-73.

_____, "A Partial Hierarchical Regionalization of 3,140 U.S. Counties Based Upon Intercounty Migration," Environment and Planning A, 16 (1984) : 554-550.

_____, "Origin and Destination Entropies of U.S. 1965-70 Age-Sex-Specific Intercounty Migration Flows," Mathematical Social Sciences (in press).

_____, "Algorithm: Strong Component Hierarchical Clustering," Environment and Planning A (in press).

_____, "A Cluster-Analytic Isolation Criterion: An Application to U.S. Intercounty Migration," Quality and Quantity (in press).

_____, "Point-to-Point Migration Functions and Gravity Model Renormalization: Approaches to Aggregation in Spatial Interaction Modeling," Environment and Planning A (in press).

_____, "Migration Regions of the United States: Two 1965-70 County Level Analyses. 170 pp., Community and Organization Research Institute, March 1984.

_____, "Tree Representations of Internal Migration Flows and Related Topics. 240 pp., Community and Organization Research Institute, March 1984.

Mercer, Lloyd J. and W. Douglas Morgan, "A Dynamic Simulation Analysis of Regional Economic Change in the Alternative Water Prices." Water Resources Center, UC Davis. Final Report, June 1984.

_____, "Urban Water Conservation: Estimates of the Potential for Policy Alternatives." Office of Water Research, Bureau of Reclamation. Technical completion report, May 1984.

PUBLICATIONS continued

Votey, H.L. Jr., "Recent Evidence from Scandinavia on Detering Alcohol Impaired Driving." Accident Analysis and Prevention, Vol. 16 No. 2. Article. 1983.

_____, "A Comment on Methodological Concerns: A Rejoinder," with Llad Phillips and Subhash Ray). Journal of Criminal Justice, Vol 12, No. 2.

_____, "Cost Effectiveness of Alternative Sanctions for Control of Drunken Driving: The Swedish Case," (with Perry Shapiro). Alcohol Drugs and Traffic Safety, T83, Proceedings of the 9th International Conference on Alcohol, Drugs and Traffic Safety.

_____, "Black Women, Economic Disadvantage and Incentives to Crime," (with Llad Phillips). American Economic Review, Vol. 74, No. 2.

Williams, RL (with JA Marinko and ML Shields), "An Automated Vital Statistics System." In Priorities in Health Statistics: Proceedings of the 19th National Meeting of the Public Health Conference on Records and Statistics. Hyattsville, MD: DHHS, PHS, NCHS. DHHS Pub. No. (PHS) 81-1214. December, 1983.

_____, "Testimony Regarding New Trends in Infant Mortality," Congressional Record: Oversight on Federal Nutrition Programs. Hearing Before Subcommittee on Rural Development, Oversight and Investigation of the Committee on Agriculture, Nutrition, and Forestry. US Senate, S Hrg 98-255. US Govt Printing Off, 1983.

_____, Using Birth and Death Certificates to Describe Maternal and Child Health Risks in California: Past, Present, and Future. Mobius (in press), 1984.

_____, (with NJ Binkin, CJR Hogue, and PM Chen): "Reducing Black Neonatal Mortality: Will Improvement in Birthweight be Enough?" Journal of the American Medical Association (in press), 1984.

_____, (with FD Norris), "Perinatal Outcomes Among Medicaid Recipients in California." American Journal of Public Health (in press), 1984.

_____, (with W. Dorchester, R. Redmann, R. Freeman, and H. Mondanlou), "Outreach Education Program." Contemporary Obstetrics and Gynecology (in press), 1984.

Woollocott, Angela M., "British Immigrants in California," MA Thesis in History, 1984.

Pursell, Carrol W., "Review for the Exposition Park, Multicultural State Recreation Area Project," Final Report to the California Parks and Recreation Department, January 1984.

Johnson, G.W. The Public Historian (Editor-in-Charge)
Volume 5 Number 4, Fall 1983
Volume 5 Number 5, Winter 1983
Volume 5 Number 6, Spring 1984

WORK SUBMITTED

- Fukui, Haruhiro, Political Management of Economic Change in Postwar Japan and the Federal Republic of Germany. Co-editors: Peter Merkl, Hubertus Muller Groeling, Akio Watanabe. Princeton, NJ: Princeton University Press. Edited Book.
- _____, Public Policies and Policymaking in Post-Oil Crisis Japan. Contributors: John C. Campbell, Aurelia George, Takashi Inoguchi, Margaret A. McKean, Mike Mochizuki, William E. Steslicke, Akio Watanabe. Edited Book.
- Mead, Walter J., "Competition in OCS Oil and Gas Lease Auctions--A Statistical Analysis of Winning Bids," (with Moseidjord and Sorensen), submitted to The Southern Economic Journal.
- _____, "The Futures Market Characteristics of U.S. Forest Service Timber Sales--An Empirical Analysis" (with Mark Schniepp and Richard B. Watson), submitted to The Journal of Agricultural Economics.
- _____, "OCS Oil and Gas Leasing, Theoretical and Policy Issues," with A. Moseidjord, D. Muraoka, and P. Sorensen. Committed to the Pacific Institute for publication by Ballinger Press. August 1984. Book.
- _____, "Competitive Bidding for U.S. Forest Service Timber in the Pacific Northwest, 1963-83," Report to the U.S. Forest Service. To be issued by the USFS.
- Mercer, Lloyd J. and W. Douglas Morgan. "A Rate of Return Rule to Establish Optimal Conservation: Some Examples from California." Submitted to Water Resources Research, June 1984.
- _____, "The Efficiency of Water Pricing: A Rate of Return Analysis for Municipal Water Departments." Submitted to Water Research Bulletin, June 1984.
- Smith, Terence R. W.A.V. Clark, and Joseph W. Cotton. "Deriving and Testing Production System Models of Sequential Decision-making Behavior." Submitted to Geographical Analysis. 1983.
- Smith, Terence R. "Artificial Intelligence and Its Applicability to Geographical Problem Solving." Submitted to Professional Geographer. 1983.
- Votey, Harold L., Jr. and Perry Shapiro. "Individual Decisions to Drink and Drive: A Micro-Based Study of Swedish Drunken Driving Policy."
- Votey, Harold L., Jr. "Cost Effectiveness of Alternative Sanctions for Control of Drunken Driving: The Swedish Case," accepted for 9th International Conference on Alcohol Drugs and Traffic Safety.
- _____, "The Impact of Drug Use on Swedish Crime, Swedish National Council for Crime Prevention.
- _____, "The Forecast Capabilities of the Econometric Model of Swedish Crime Generation and Control, Swedish National Council for Crime Prevention.

WORK SUBMITTED continued

Williams, RL (with JJ Pomerence): "Life Expectancy of the Anencephalic Infant and Its Relationship to the Baby Doe Regulations."

Peuquet, Donna J. "The Computer and Geography: Some Methodological Comments,"
(with D. Marble), the PROFESSIONAL GEOGRAPHER, Vol 35, No. 3.
(invited paper).

PAPERS PRESENTED

- Caswell, Margriet (Econ). "The Effect of Water Price Changes on Irrigation Adoption," Department of Economics Working Paper, UCSB, August 1984.
- Caswell, Margriet and David Zilberman. "The Economics of Input-Augmenting Technologies in Agriculture," paper presented at the Western Economic Association Conference, Las Vegas, June 25-28, 1984.
- Hollister, C.W. (History). "War and Diplomacy in the Anglo-Norman World," paper presented at the Battle Conference on Anglo-Norman Studies, England, July 23, 1983.
- "Magna Carta", The Lyndon Baines Johnson Distinguished Lecture, Southwest Texas State University, November 30, 1983.
- "The Reign of Henry I: Ideal and Reality," Plenary address, Western Conference on British Studies, Boulder, CO, October 21, 1983.
- Golledge, R.G. (Geog), TR Smith (Geog), J. Pellegrino (Psych), S. Doherty (Soc) S. Marshall (Psych) and CG Lundberg, 1983. "The Acquisition of Spatial Knowledge: Empirical Results and Computer Models of Path Finding Processes." 19th Interamerican Congress of Psychology, Quito, Ecuador.
- Mack, Katharin (History). "Changing Thengs: Cnut's Conquest and the Anglo-Saxon Aristocracy," at The Haskins Society, University of Houston, November 1983.
- "The Danish Conquest of England: A New Perspective," at the Western Association of Women Historians Conference, The Huntingdon Library, April 1984.
- "The Late Anglo-Saxon Aristocracy in Regional Context: Wealth, Power, and Influence," at The Nineteenth International Congress of Medieval Studies, Kalamazoo, Michigan. May, 1984.
- Fleming, Robin (History). "Monastic Lands and England's Defence in the Viking Age," at the North American Conference on British Studies, Washington, D.C. October 1983.
- "Ecclesiastical Lands in the Ninth Century," The Haskins Society, University of Houston, November 1983.
- "Before and After: Monarchy and Aristocracy in Conquest England," at The Western Association of Women Historians, The Huntingdon Library, April 1984.
- "From Ealdorman to Earl: The Effects of Cnut's Conquest on England," at the Nineteenth International Congress on Medieval Studies, Kalamazoo, Michigan, May 1984.

PAPERS PRESENTED continued

Mead, Walter J. (Econ). "Alternative Bid Variables as Instruments of OCS Leasing Policy" (with A. Moseidjord, P. Sorensen and D. Muraoka) Western Economic Association, Las Vegas, NV. June 1984.

"The Futures Market Characteristics of US Forest Service Timber Sales--An Economic Analysis" (with M. Schniepp and R. Watson).

Testimony before a US District Court in Beaumont, TX, on behalf of the US Department of Justice in Texas vs. Watt, relative to bidding for OCS oil and gas leases.

"The External Costs of Electric Power from Coal-Fired and Nuclear Power Plants," New Delhi, India, January 4-6, 1984.

Pellegrino, James W. (Education) "Individual differences in spatial ability: The effects of practice on components of processing and reference test scores." American Educational Research Association, July 1983.

Shapiro, Perry (Econ). "Micro-based Study of Drunken Driving," University of Pittsburgh, October 1984.

"Efficiency in Supply of Public Education," Carnegie Mellon University, October 1984.

"Micro-based Study of Drunken Driving," Carnegie Mellon University, October 1984.

"Efficiency in Supply of Public Education," MacMasters University, October 1984.

"Distinguishing Between Incapacitation and Deterrence Effects in a Model of Individual Choice," Crime Control Theory Conference, June 1984, (with H.L. Votey).

Smith, Terence R. (Geog). "Applicability of AI Techniques in Modelling Behavior in Geographical Contexts: Production Systems and Housing Market Search," AAG Meeting, Denver, CO, August 1983.

Williams, Ronald L. (CORI) "An Automated Vital Statistics System." The 19th National Meeting of the Public Health Conference on Records and Statistics. Washington DC: August 23, 1983.

"Using Birth and Death Certificates to Describe Maternal and Child Health Risks in California: Past, Present and Future." Risk and the Health of the Public. Annual Meeting of the Health Officers Assoc. of California. Long Beach, CA. November 5, 1983.

"Data Collection: Why Do It and How?" 1983 PAC/LAC Regional Perinatal Workshop. Los Angeles, CA. December 2, 1983.

"Public Health Surveillance and the Need for Cooperation in Data Collection, Management and Dissemination: Computers Go Public." Symposium on Data for Health Departments Sponsored by the Western Consortium for the Health Professions. Sacramento, CA. May 24, 1984.

PAPERS PRESENTED continued

Votey, HL., Jr. (Econ). "Black and White Economic Opportunities, Welfare and Crime Involvement for Young Men and Women." Annual Meetings of the Western Economic Association, International. Las Vegas, Nevada. June 1984.

"Distinguishing Between Incapacitation and Deterrence Effects in a Model of Individual Choice," 5th Crime Control Theory Conference, Santa Barbara, CA. June 1984, (with Perry Shapiro).

"Black Women and Incentives to Crime: A Labor Market Model of Opportunity and Disadvantage," with Llad Phillips. American Economic Association Annual Meetings. San Francisco, December 1983.

"Cost Effectiveness of Alternative Sanctions for Control of Drunken Driving: The Swedish Case." 9th International Conference on Alcohol, Drugs and Traffic Safety. San Juan, Puerto Rico. November 1983, (with Perry Shapiro).

Phillips, Llad (Econ). "Part-time Work: Why Aren't More Black Women Involved." Annual Meetings of the Western Economic Association International. Las Vegas, Nevada. June 1984.

"Control of Skyjacking." 5th Crime Control Theory Conference, Santa Barbara, CA. June 1984.

ACADEMIC PROGRAM CONTRIBUTIONS

The following courses have been developed with support from Grant Number NEH ED1374, from the National Endowment for the Humanities under the direction of G. Wesley Johnson.

History 110. THE SOCIAL HISTORY OF MEDICINE. Nancy Gallagher. This is a lecture course on medical systems, policies and professional formations, world wide and in the 20th century.

Part I of the course covers most of Paul Starr's remarkable new book, The Transformation of American Medicine. It considers evolution of medicine in relation to social, economic and political changes in American society. In the last section of Part I, the course discusses medicine, women and minorities. Part II of the course discusses the Soviet medical system, nationalized medicine in England, medicine in Third World nations, and the politics of international health aid. During the concluding lectures, issues of current concern are raised: medical ethics, medicine for women, and medicine and political control. The course includes several films, videotapes and guest lectures.

History 191. INTRODUCTION TO PUBLIC HISTORY. G.W. Johnson.

This course is designed to serve as a working introduction to the new field of Public History now being taught in many American universities. It explores the various sectors of activity outside the university where historians are applying their skills: government, business, media, historical societies and museums, archives and information management, cultural resources management, consulting firms, research organizations, etc. It explores issues and problems originating in such activity, and assesses the skills needed to participate. It also looks at leading practitioners of Public History, putting them into the context of professionalism in the 20th century, and making an assessment of the growing literature in the field.

History 205. PROFESSIONALISM. G.W. Johnson

This reading seminar concentrates on the development of professions and professionalism in the United States in the 20th century, although earlier 19th century antecedents in the U.S. and Britain are referred to. General definitional and conceptual problems are examined at the outset, with particular reference to the literature in sociology. Professionalism as a historical phenomenon is compared in such fields as medicine, law, engineering, and architecture. The implications of professionalism for public historians will also be examined.

History 219. WOMEN & PUBLIC POLICY. Patricia Cohen.

This course examines both participation in the making of public policy and the history of public policies that explicitly affect women and women's issues, over the course of the 20th century. It starts with the pre-1920 suffrage movement to see how an officially powerless group wins the franchise, and continues the story of women in politics from the 20s to the 80s, looking at women in public office, both elected and appointive; women in public interest groups; the various commissions on the status of women; and the

gender gap. It also studies the histories of policies that explicitly affect women, i.e. protective legislation, civil rights legislation, affirmative action, the Equal Rights Amendment, abortion laws, and laws relating to family and marriage. The emphasis throughout is on understanding the historic context of these events and processes.

History 291. U.S. LEGAL HISTORY. Laura Kalman.

This seminar surveys American legal history from 1890 to the present, with special emphasis on legal education, legal theory, the Supreme Court, and private law.

PROFESSIONAL ACTIVITIES

Fukui, Haruhiro (Research Political Economist)

Invited lecture on the roles of the Japanese prime minister, cabinet and bureaucracy at the Japan Seminar, Foreign Service Institute, Department of State, September 28-29, 1983.

Invited paper entitled "The LDP (Liberal Democratic Party) in the 1988-93 Period: Membership, Leadership and Factions," presented at "Japan Conference: The Future of the Liberal Democratic Party," Washington, D.C. November 2-4, 1983.

Invited lectures on Japanese foreign policy under the auspices of the Cincinnati Council on World Affairs at Taylor University (Upland, IN), Anderson College (Anderson, IN), Ohio Northern University (Ada, OH) Bluffton College (Bluffton, OH), and Findley College (Findley, OH), November 7-11, 1983.

Guest speaker on "The Political Situation Following Recent Elections," at the "Japan in the 1980s IV" Conference, Atlanta, GA, April 26-27, 1984, sponsored by the Southern Center for International Studies.

Guest speaker on "The American Presidential Election and Its Potential Impact on U.S.-Japanese Relations," Japan Productivity Center seminars for visiting Japanese business leaders. Los Angeles, July 30 and August 4, 1984.

Hollister, C. Warren (Research Historian)

Conference session chairmanships

North American Conference on British Studies, Folger Library, Washington DC, October 29, 1983.

American Historical Association, San Francisco, December 29, 1983.

Western Association of Women Historians, Huntington Library, San Marino, CA, April 14, 1984.

International Congress on Medieval Studies, Western Michigan University, May 12, 1984.

Editorial Boards

Viator: Medieval and Renaissance Studies. Journal of Medieval History.

Offices in Scholarly Societies, 1983-84.

President, The International Charles Homer Haskins Society

Vice-President/President-Elect, North American Conference on British Studies.

Program Chairman, 1984 Centennial Meetings, American Historical Association.

Chair, Nominating Committee, Medieval Academy of America.

Member, National Advisory Board, Society for History Education.

Peuquet, Donna J. (Assistant Research Geographer)

Contributing Editor to THE AMERICAN CARTOGRAPHER

Vice-Chair of Working Group on Data Organization, National Committee for Digital Cartographic Data Standards, American Congress on Surveying and Mapping.

Invited speaker at Auto Carto Six, Ottawa, Canada, October, 1983.

PROFESSIONAL ACTIVITIES continued

Williams, Ronald L. (Associate Researcher, CORI)

Service on Review Panels

Member (elected): Coordinating Council, California Perinatal Association.

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

Member: Quality Assurance Task Force, Perinatal Advisory Council of the Los Angeles Communities.

Member: Perinatal Regionalization Task Force, State of California, Department of Health Services.

Consultation

Consultant: Michigan Department of Public Health

Consultant: Perinatal Advisory Council of the Los Angeles Communities

Consultant: Southern California Kaiser Permanente Medical Group

Editorial Responsibilities

Member: Editorial Board, The Journal of the California Perinatal Association.

Referee: American Journal of Public Health

Referee: American Journal of Obstetrics and Gynecology

Referee: The New England Journal of Medicine.

Seminars

"Use of Vital Records in Perinatal Care." Poster Session at the Sixth Annual Meeting of the California Perinatal Association. Monterey CA: October 2, 1983. Described to several hundred conference attendees the computer software (AVSS) developed at CORI designed to automate vital records. (With PM Chen and JA Marinko).

"An Automated Vital Statistics System." California COSTAR User's Group. Santa Cruz CA: October 13, 1983. Demonstrated a multi-user micro-computer system running CORI's AVSS software to state and county public health workers. (With JA Marinko and PM Chen).

"Michigan Perinatal Effectiveness Index." Michigan Department of Public Health. Lansing MI: November 22, 1983. Presented an all-day seminar reporting statistical research techniques and results using Michigan's linked vital records for the 1978-1980 birth cohorts to leaders of Michigan's professional medical societies and public health departments.

"UCSB's Automated Vital Statistics System." National Center for Health Statistics. Hyattsville MD: November 28, 1983. Described CORI's vital records research activities to staff of National Center for Health Statistics including the director Dr. Manning Feinlieb.

"The Maternal and Child Health Data Base." Maternal and Child Health Branch. Berkeley CA: January 11, 1984. Described research techniques and results related to CORI's Maternal and Child Health Data Base to Berkeley MCH Staff of the Department of Health Services.

"The Maternal and Child Health Data Base." Maternal and Child Health Branch. Sacramento CA: January 12, 1983. Described research techniques and results related to CORI's Maternal and Child Health Data Base to Sacramento Staff of the Department of Health Services.

PROFESSIONAL ACTIVITIES continued

"UCSB's Maternal and Child Health Data Base." Graduate School of Public Health, UC Berkeley. Berkeley CA: February 9, 1984. Presented seminar to public health graduate students on research techniques and findings from CORI's Maternal and Child Health Data Base.

"Perinatal Data Systems." Graduate School of Public Health, San Diego State University. San Diego CA: April 30, 1984. Presented half-day seminar to public health graduate students on research techniques and findings from CORI's Maternal and Child Health Data Base.

Mead, Walter J. (Research Economist)

Chaired a panel entitled "Western Hemisphere Energy Perspectives" at the Western Economic Association Meetings, June 25, 1984.

Slater, Paul (Associate Researcher CORI)

"Migration Regions of the United States," presented at the North American Regional Science Association. Chicago, IL: November 1983.

Merkel, Peter H.

Participated in a colloquium at UC San Diego, for the Political Science Department and their graduate students, on "A Comparative Study of Economic Development Policies in Postwar Japan and the German Federal Republic, October 10, 1983.

OTHER ACADEMIC PROJECTS

A. Conferences

"Is Mexico on Its Way to Recovery?" November 8 and 9, 1983. Sponsored by the Business Economics Exchange Program (BEEP) and the UC Mexico Consortium. Attended by business leaders and representatives of the governments of Mexico and the United States.

Participants in the panel discussion from Mexico included Ricardo Cavazos, House of Representatives; Miguel Maceda Aguato, Director General of Banco de Mexico; Lic. Carlos Baydresch, Economics Assessor; and, as honored guest, Javier Escobar y Cordova, Consul General de Mexico in Los Angeles.

Participants from the US government included Marian Barrell, Director of Latin American Affairs, US Department of Trade; George High, Director, Mexican Affairs, US Department of State; Kathy Roe, Director, Automotive Industry of the Office of International Sector Policy, US Department of Commerce; Gay Hoar, Assistant Director, Latin American Office of Developing Nations, US Treasury Department; and Dale Slaughter, Director of Mexican Affairs, International Trade Administration, US Department of Commerce. Participants from the business community included Dr. George Baker, Vice President, US/Mexico Chamber of Commerce; Dr. William Garcia, architect; Frederick Grosso, DDS; and Harry Brown, MD.

Panel participants from UCSB included Richard Jensen, Assistant Chancellor, chairman of the panel discussions; John Pippenger, UC/Mexico Program Director; Carlos Barron, Department of Spanish and Portuguese; Luis Leal, Acting Director, Center for Chicano Studies; Georgio Perissinotto, Department of Spanish and Portuguese; William Allaway, Director, Education Abroad Program; Constance Wellen, Department of Speech; Glen Wade, Department of Computer and Electrical Engineering; and J. Boles, Department of Geology.

"Interfacing Micro and Macro Models of Human Spatial Behaviors." April 13-17 1984. A joint United States/United Kingdom Research Workshop for the purpose of bringing together geographers, regional scientists and statisticians. The American participants were supported by funds from NSF; the British participants were supported by SERC/SSRC. Principal investigator was Terence R. Smith, Geography.

Participants from the US included A. Anas, Northwestern University; G. Hewings, University of Illinois; G. Lundberg, Duquesne University; E. Sheppard, University of Minnesota; D. Griffith, Tonawanda, NY; M. O'Kelly, Ohio State University; WAV Clark, UCLA; J. Odland, Indiana University; R. MacKinnon, SUNY Buffalo; and from the Department of Geography, R. Golledge, H. Couclelis, and Waldo Tobler.

Participants from the United Kingdom included R. Bennett, Cambridge; M. Clark, Leeds; R. Haining, Sheffield, N. Wrigley, Bristol, M Atkin Lancaster; S. Openshaw, Newcastle; R. Flowerdew, Lancaster; M. Batty, UWIST, and K. Jones, Portsmouth.

OTHER ACADEMIC PROJECTS continued

"Fifth Annual Conference on Crime Control Theory" (jointly with SPRI). June 14-15, 1984. In cooperation with the National Institute of Justice. Hosted by HL Votey (CORI), Llad Phillips (Econ), and R Berk (SPRI). In attendance were Richard Linster, Office of Research and Evaluation Methods, and Joel Garner, Crime Control Theory and Policy Program.

The program included the following guest speakers: Randall Smith, Rutgers University; William R. Smith, Rutgers University; Michael K. Block, University of Arizona; Richards Sparks, Rutgers University; Katherine Van Dusen, USC; Lawrence Sherman, Police Foundation; William Bowers, Northeastern University; Arnold I. Barnett, MIT; Alfred Blumstein, Carnegie-Mellon University; Jacqueline Cohen, Carnegie-Mellon University; Carol Kohfeld, Decker and Associates; Don Gottfredson, Princeton; Robert Bursik, University of Oklahoma; Glenn Pierce, Northeastern University; Samuel L. Myers, Jr., University of Pittsburgh; and Susan Martin, The Police Foundation, Washington, DC. Guest speakers from UCSB included Harold Votey, Llad Phillips and Perry Shapiro, Department of Economics.

B. Workshops

Workshops in Econometrics (Jointly with SPRI). Directed by Thomas Cooley (Econ) and Richard Berk (Anthro).

November 21	Greg Duncan, Professor of Economics, Washington State University "Econometrics of the Evaluation of New Technology"
December 9	Jeffrey Dubin, Professor of Economics, Cal Tech "Estimation of a Nested Logit Model for Appliance Holdings"
January 25	Dale Poirier, Professor of Economics, University of Ontario "Rationalizing the Anomalous Performance of Models in Different Data Sets"
February 23	Will Manning, Economist, Rand Corporation "HMO's vs fee-for-service, Incentives vs Adverse Selection"
March 5	Paul Rudd, Professor of Economics, UCB "Estimating Limited Dependant Variable Models Without Making Distribution Assumptions"
April 13	Majumbar Mukul, Professor of Economics, University of Wisconsin "The Roll of Expectation in Stabilization Policy"

OTHER ACADEMIC PROJECTS continued

C. Graduate Seminars

Public Historical Studies Program, G. Wesley Johnson, Director

September 1983 Francois Bedarida, "Development of the Public History Program at the University of Paris."

October 1983 James Mathews, United States Air Force, "Military History of the Air Force."

Jarrell Jackman, Santa Barbara Historical Trust
"History of the Preservation of Santa Barbara."

November 1983 Seymour Mandelbaum, University of Pennsylvania
"The History of Planning."

May 1984 George Brakeley, Brakeley, John Price Jones Inc.
(Jointly with the Center for the Study of Democratic
Institutions)
"The History of Fund Raising."

D. Seminars

Summer Institute on Public History, Arizona State University,
G. Wesley Johnson, Director.

Faculty seminar for thirty college and university professors teaching courses and seminars on public history areas of interest. The materials presented in Tempe will be tried by many of these specialists on their home campuses.

Oral History Research Methodology at UCSB, Rick Studevant, Historian,
Spring Quarter, 1984.

Public History in the United States with an emphasis on research methodologies, a series of invited seminars presented by G. Wesley Johnson at the request of the US Department of State and USIA during October and November 1983. Countries represented included France, England, Morocco, Senegal, the Ivory Coast and Togo.

E. Lecture Series

Santa Barbara: The Planning and Development of a Beautiful City,
Marian A. Johnson, Coordinator. Santa Barbara Museum of Natural History.
Made possible by the California Council for the Humanities, The Wilbur
Foundation, and UCSB Oral History Program. SBCC Adult Education Series.

January 24, 1984 Plans and Planting: Santa Barbara in the Era of Pearl
Chase, B. Lindemann, SBCC Department of History.

Santa Barbara's Creative Solutions for Service Stations,
Billboards and Roadways, Greg King, Public Historian and
Consultant and Richard Whitehead, Former County Planning
Director, archivist.

OTHER ACADEMIC PROJECTS continued

- January 31, 1984 What Made Santa Barbara the American Riviera? Landscaping and Decorative Arts in Santa Barbara, Marian A. Johnson, Art Historian, UCSB Oral History Program Director, and Sherman White, Art Conservator.

History Preservation and Environmental Planning, Rebecca Conard, Public Historian and Consultant.
- February 7, 1984 Casitas--The Little House in Santa Barbara, David Gebhard, UCSB Art History Department.

Santa Barbara Architecture from a Personal Perspective, Robert Ingle-Hoyt, Santa Barbara Architect.
- February 14, 1984 Critical Perspectives on the Santa Barbara Beautiful Movement, G. Wesley Johnson, UCSB History Department and Gerald Bradford, the Robert Maynard Hutchins Center, UCSB.

Panel Discussion: The Future for Santa Barbara and the Implications for Other Communities, George Frakes, SBCC History Department; Mary Louise Days, City Planning; and George Clyde, Former County Planning Director.

EXPENDITURES - EXTRAMURAL

ACCOUNT NAME & NUMBER	MISC.	SALARIES BENEFITS	S&E	EQUIP.	TRAVEL DOMESTIC	TRAVEL FOREIGN
CAL. DEPT. OF PARKS-PURSELL 8-447628-20734		\$22261.19 \$2181.71	\$4392.06		\$503.04	
CAL. DEPT. HEALTH-WILLIAMS 8-447628-20736		\$52958.98 \$13425.50	\$50368.62	\$32710.21	\$3994.60	
CAL. DEPT. HEALTH-WILLIAMS 8-447628-20743		\$19202.00 \$5499.58	\$1707.89		\$2017.86	
NSF SES 81-07847-ANAGNOSON 8-447628-22004		\$9444.78 \$2808.90	\$1747.00		\$1559.34	
NSF SES 81-07848-WEATHERFORD 8-447628-22007		\$20933.59 \$1506.79	\$626.52	\$747.30	\$392.18	
NSF SES 82-09732-SHAPIRO 8-447628-22053		\$60583.25 \$2685.70	\$6931.75		\$3990.10	
NSF SES 82-09621-SMITH 8-447628-22056		\$36890.48 \$2695.24	\$3151.85			\$2093.43
NSF INT 83-02733-SMITH 8-447628-22111			\$611.88		\$9615.95	
NSF SES 84-00799-SMITH 8-447628-22142			\$2.10		\$287.00	
NEH ED 1374-JOHNSON 8-447628-23191		\$107612.39 \$12945.71	\$31863.57		\$6358.08	\$4741.97
NEH RT 20213-HOLLISTER 8-447628-23194		\$39443.99 \$322.85	\$2964.50		\$3393.65	\$3058.00
NIH HD 16378-02-SMITH 8-447628-24298	\$10894.00	\$28999.15 \$1126.65	\$7156.74		\$2324.63	
HCJ 063211-WILLIAMS 8-447628-24321		\$35156.01 \$9269.22	\$356.49	\$2601.72	\$609.11	
UCSB FOUNDATION-ASHBY 8-447628-53265		\$4835.70 \$79.79	\$430.59			
UCSB FOUNDATION-PELLISH 8-447628-53265	\$8051.37					

CAL. COUN/HUMANITIES-JOHNSON 8-447628-57173	\$5734.90 \$84.05	\$1656.31			
ROCKEFELLER FDN-JOHNSON 8-447628-58301	\$22928.19 \$1252.77	\$37044.21	\$1111.30	\$11604.98	\$4782.75
ROCKEFELLER FDN-BORJAS 8-447628-58305	\$7617.68 \$1641.14	\$5337.85			
TOYOTA FOUNDATION-FUKUI 8-447628-58393	\$130.03 \$1.33	\$95.03			\$20180.61
USDA FS 3187-MEAD 8-487628-25217	\$38122.21 \$5373.37	\$14606.39	\$1290.00	\$1996.67	
USGS 21162-SMITH 8-487628-27667	\$25324.15 \$949.00	\$2978.52		\$2400.57	
NASA NCA 2-DR680-ESTES 8-487628-28307	\$6435.83 \$394.33	\$4362.91		\$771.78	
USDI W638-CASWELL 8-487628-28556	\$12010.65 \$0.00	\$42.76		\$295.00	
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	\$18945.37	\$620868.78	\$178435.54	\$38460.53	\$52114.54
					\$34856.76

EXPENDITURES - INTRAMURAL

DESCRIPTION	ADMIN. SUPPORT	SUPPLIES & EXPENSE	DIRECT RESEARCH	FUNDS ALLOCATED BY ORDA
HAROLD L. VDTEY, DIRECTOR	\$20530.00			
STAFF-BARBARA HAGEN	\$21060.00			
JOAN DANDONA	\$7260.00			
JEANIE CORNET	\$4029.00			
UNIVERSITY OPPORTUNITY FUNDS		\$1493.00		
GENERAL FUNDS		\$1000.00		
WRC626-MERCER/MORGAN			\$10145.00	
ENERGY INSTITUTE-MEAD YR1			\$12314.00	
ENERGY INSTITUTE-MEAD YR2			\$7592.00	
EXTRAMURAL OVERHEAD RETURN				\$1350.00
SPECIAL PROJECTS				\$4400.00
GENERAL ASSISTANCE				\$7554.00
SUPPLIES AND EXPENSE				\$1503.00

TOTAL	\$52879.00	\$2493.00	\$30051.00	\$14807.00

A-1 EXTRAMURAL ACTIVITY

Proposals Submitted 1983/1984

Principal Investigator	Agency/ Grant No.	Title	\$ Value	Period of Award	Status	Total Funded 83/84
J. Estes T.R. Smith (Geog)	NASA Ames NCA2-OR680	"Applying Artificial Intelligence to Large Networks"	14,315	10/1/83- 04/30/84	Funded	14,315
T.R. Smith D.J. Peuquet J. Estes (Geog)	NSF SES84 00799	"Constructing a Self Modifying Knowledge Based Geographical Information System"	83,271	03/15/84- 02/28/86	Funded	74,955
P. Slater (CORI)	NSF IST84-01856	"Determining Functional Fields of Scientific Endeavor Through the Use of Inter-Journal Citations"	97,184	08/01/94- 01/01/86	Denied	
J. Pippenger (Econ)	US Dept. of Ed.	"Business Economics Exchange Program with Latin America"	26,868	007/01/84- 06/30/85	Denied	
J. Pippenger (Econ)	US Dept. of Ed.	"Business Economics Exchange Program with Latin America"	12,225	7/1/84- 06/30/85	Denied	
H.L. Votey P. Shapiro (Econ)	NIJ	"Evaluating Sanctions in an Individual Choice Model: The Case of Drunken Driving Part II"	89,813	06/01/84- 09/30/85	Funded in 84/85	
P. Slater (CORI)	NIJ	"Offender Classification and Related Models Incorporating Coordinates of Metropolitan Criminal Committees"	85,926	07/01/84- 12/31/85	Denied	

T. Smith (Geog)	NSF	"Constructing and Testing a Computational Process Model of Children's Acquisition of Spatial Knowledge in a Large-Scale Environment"	83,526	01/01/84-06/30/85	Denied
J.W. Pellegrino (Ed)					
R.G. Golledge (Geog)					
S.P. Marshall (Psych)					
H.L. Votey	NIJ	"Women's Involvement in Serious Crime: A Study of Causality and Control"	160,678	06/01/84-05/31/86	Denied
L. Phillips (Econ)					
J. Estes					
J. Star (Geog)		"Earth Surface Analysis System"	326,533	07/01/84-6/30/85	Pending
R. Williams (CORI)	State of Calif.	"Modify and Install an Operational EDP Software System"	42,500	10/01/83-06/30/84	Funded
G. Borjas (Econ)	Rockefeller Foundation	"The Employment of Blacks in the State and Local Government Sector"	22,993	08/01/84-07/31/85	Denied
T.R. Smith (Geog)	NSF	"Constructing and Testing a Computational Process Model of Children's Acquisition of Spatial Knowledge in a Large-Scale Environment"	225,485	07/01/84-06/30/86	Pending
J.W. Pellegrino (Ed)					
R.G. Golledge (Geog)					
S.P. Marshall (Psych)					
P. Shapiro	NSF	"Community Choice and the Demand for Public Goods"	175,147	07/01/84-06/30/86	Funded in 84/85
D. Rubinfeld					
T. Bergstrom (Econ)					
T. Smith	NASA	"Constructing Geographic Expert Systems with Learning Capabilities"	40,600	07/01/84-06/30/85	Funded in 84/85
F. Dubayah (Geog)					
P. Slater (CORI)	PHS DHHS	"Point to Point Migration Functions"	263,495	12/01/84-11/30/86	Pending
R. Williams (CORI)	CA Dept. of Health	"Maternal and Child Health Database: Development, Application and Dissemination"	93,963	01/01/84-06/30/84	Funded
J. Marshall (Econ)	Huebner Fdn.	"Optimum Insurance for People Who Don't Want Any"	5,000	08/01/84-06/30/85	Funded

187,926

5,000

W.J. Mead (Econ)	Dept. of Energy	"The Private and Social Cost of Alternative Electric Power Technologies for California"	7,550	01/01/84- 06/30/84	Funded	7,550
W.J. Mead (Econ)	Dept. of Energy	"Alternative Electric Power Energy Sources for California"	19,826	07/01/84- 06/30/85	Denied	
H.L. Votey (Econ)	New Zealand Nat'l Resrch Advisry Cncl	Senior Research Fellowship on Drunken Driving	6,960	06/30/85- 09/30/87	Pending	
L. Phillips H.L. Votey (Econ)	NSF	"Male-Female Crime Rate Differentials: A Study of Effects of Causal and Control Forces"	59,326	07/15/84- 12/31/85	Funded in 84/85	
H. Fukui (Pol. Sci.)	Dept. of State	"Implications of an Expanded Military Role"	48,750	07/01/84- 04/31/85	Pending	
J. Cronshaw W. Lucas 45 (Bio. Sci.)	NSF NSF	"International Phloem Transport Conference"	15,000	07/01/84- 12/31/85	Pending	
L. Phillips (Econ)	AARP Andrus	"Fear and the Unequal Burden of Crime on the Elderly"	26,602	01/01/85- 12/31/85	Pending	
L. Phillips (Econ)	NIJ	"Fear and the Unequal Burden of Crime on the Elderly"	39,302	02/01/85- 01/31/86	Pending	
H.L. Votey (Econ)	German Marshall Fund	"Travel to Brighton, England, for a Workshop on Modeling Road Accident and Injury Patterns"	1,000	07/01/84- 06/30/85	Denied	
R.L. Williams (CORI)	Cal Dept. of Health	"Maternal and Child Care Health Statistical Base: Development, Application and Dissemination"	185,292	07/01/84- 06/30/85	Funded	185,292
H.L. Votey P. Shapiro (Econ)	NSF	"The Development of a Methodology for Distinguishing Between Deterrence and Incapacitation Effects and Other Issues of Social Control"	57,873	02/01/84- 06/30/85	Approved Withdrawn	

H.L. Votey P. Shapiro (Econ)	NIH	"Evaluating Alternative Sanctions in an Individual Choice Model: The Case of Drunken Driving Part II"	86,297	11/01/83- 02/28/85	Denied
L. Phillips H.L. Votey (Econ)	NIJH	"Women's Involvement in Serious Crime: A Study of Causality and Control"	155,611	11/01/83- 10/31/85	Denied
L. Phillips H.L. Votey (Econ)	NSF	"Women's Involvement in Serious Crime: A Study of Causality and Control"	116,369	02/01/84 01/31/86	Denied

Total extramural proposals submitted 1983/84

\$2,675,280

Extramural proposals funded 1983/84

517,538

Extramural proposals submitted 1982/83 and
funded 1983/84

308,813

Subtotal funded

\$826,351

Extramural proposals funded 1984/85 with
start date prior to 7/1/84

89,813

TOTAL FUNDED

\$916,164

Proposals Submitted 1982/83 and Funded 1983/84

Principal Investigator	Agency/ Grant No.	Title	\$ Value	Period of Award	Status	Total Funded 82/83
M.A. Johnson	Cal Council for the Humanities	Santa Barbara and the City Beautiful Movement	7,500	6/16/83-3/31/84	Funded	7,500
W.J. Mead H.J. Fenech	Dept. of Energy UCSB 08219	Private and Social Costs of Alternative Electric Power Technologies for Calif.	15,700	1/1/83-12/31/83	Funded	15,700
T.R. Smith	NSF INT83-02733	Research Seminar on Interfacing Micro and Macro Models of Human Spatial Behavior	11,140	9/1/83-8/31/84	Funded	11,140
T.R. Smith J.E. Estes	Dept of Interior 14-08-0001-21162	Knowledge Based Engineering for Data Base Management and Use	67,556	7/1/83-1/31/85	Funded	65,000
H.L. Votey P. Shapiro	Dept. of Justice 84-IJ-CX-0033	Evaluating Sanctions in an Individual Choice Model: The Case of Drunken Driving Part II	89,813	6/1/84-10/1/85	Funded	89,813
R.L. Williams	Public Health Service MCJ-063211	Automated Perinatal Information System	119660	1/01/84-12/31/84	Funded	119,660
Total extramural proposals submitted 1982/83 and funded 1983/84						\$308,813

APPENDIX A 1983/84 ANNUAL REPORT

ORU: Community & Organization Research Institute

A-2 INTRAMURAL RESEARCH ACTIVITY

Principal Investigator	Agency/ Grant No.	Title/Abstract	\$ Value	Period of Award	Status
L.J. Mercer/ W.D. Morgan (Econ)	WRC 626	"The Relative Cost of Prices vs Rationing to Resolve Water Shortages"	9,500	7/1/83- 6/30/84	Funded
S. Fisher (Soc)	Instruc. Develop.	"Sociological Aspects of Cleavage and Consensus Among Nations"	987	6/1/84- 5/30/85	Funded
Johnson, M.A. (CORI)	Academic Senate	"History of the Santa Barbara Beautification Movement"	2,500	6/15/84- 6/14/85	Funded
Mann, D./ Andres T. (Pol Sci)	WRC 103	"Scientific & Policy Impacts of Research Progress of the Water Resources Center"	2,831	7/1/83- 9/30/83	Funded
Caswell, M. (Econ)	WRC 638	"The Implications for Total Water Demand from the Adoption of Drip Irrigation in Calif. Agriculture"	21,500	7/1/83- 6/30/84	Funded
Johnson, M.A.	Academic Senate	"Santa Barbara Regional Oral History Program"	5,000	7/1/84- 6/30/85	Funded

STATISTICAL SUMMARY

1a) UCSB academic staff engaged in research:

a) Faculty	<u>33</u>	d) Postdoctoral	<u>8</u>
b) Professional Researchers	<u>3</u>	e) Graduate	<u>22</u>
c) Specialists	<u>2</u>	f) Undergraduates	<u>15</u>
g) Other (specify _____)			

TOTAL 83

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

a) Faculty - Research	<u>5</u>	
- Seminar speakers	<u>5</u>	
- Conference Participants	<u>33</u>	
b1) Graduates	<u>2</u>	
b2) Industry	<u>8</u>	
b3) Government - Conference Participants	<u>12</u>	

TOTAL 65
 See Appendix B-1

2) Number of employees and FTE in unit:

a) Employees on University Funds:

	Number	FTE
Professional	<u>5</u>	<u>1.23</u>
Technical	<u>1</u>	<u>.50</u>
Administrative	<u>3</u>	<u>1.90</u>
Clerical	<u>7</u>	<u>1.08</u>
TOTAL	<u>16</u>	<u>4.71</u>

TOTAL NUMBER: 16

TOTAL FTE: 4.71

b) Employees on Non-University Funds:

	Number	FTE
Professional	<u>31</u>	<u>8.18</u>
Technical	<u>7</u>	<u>2.44</u>
Administrative	<u>1</u>	<u>.28</u>
Clerical	<u>1</u>	<u>.16</u>
TOTAL	<u>40</u>	<u>11.06</u>

TOTAL NUMBER: 40

TOTAL FTE: 11.06
See Appendix B-2

- 3) Number of Publications: (See Pg. 20 of Section A)..TOTAL: 55
- 4) Number of proposals submitted:.....TOTAL: 32
- 5) Number of seminars, symposia, etc. sponsored by the unit: (See Pg. 32 of Section A).....TOTAL: 22
- 6) Amount of space currently occupied (Sq. Ft.).....TOTAL: 4336

See Appendix B-3

APPENDIX B-1

1-a) UCSB Academic staff engaged in research

a. Faculty

<u>Name</u>	<u>Department</u>	<u>Funding Agency</u>
Borjas, G.	Economics	Rockefeller Fdn MEXUS
Bradford, M.G.	Religious Studies	Cal Council for the Humanities
Carlos, M.	Anthro.	MEXUS
Caswell, M.	Econ/Env. Studies	Water Resources Ctr
Cohen, P.	History	NEH
Estes, J.	Geography	USGS, USFS, NSF
Gallagher, N.	History	NEH
Gebhard, D.	Art History	Cal Council for the Humanities
Golledge, R.	Geography	NSF
Johnson, G.W.	History	NEH
Kalman, L.	History	NEH
Leal, L.	Chicano Studies	MEXUS
Lomeli, F.	Chicano Studies	MEXUS
Marshall, S.	Psychology	NSF
Mead, W.	Economics	USFS
Mercer, L.	Economics	Water Resources Ctr
Morgan, D.	Economics	Water Resources Ctr
Palermo, J.V.	Ctr Chicano Studies	MEXUS
Pellegrino, J.	Educ/Psychology	NSF
Perrissinotto, G.	Chicano Studies	MEXUS
Pursell, C.	History	Cal Parks & Rec
Rios-Bustamante, A.	Chicano Studies	Cal Parks & Rec
Schniepp, M.	Economics	USFS
Shapiro, P.	Economics	NSF
Smith, T.	Geography	NSF, USGS, NIH
Talamantez, I	Chicano/ Religious Studies	MEXUS
Wade, G.	Engineering	MEXUS
Watson, R	Economics	USFS
Casas, M.	Chicano Studies	MEXUS
Hollister, W.	History	NEH
Fukui, H.	Pol Sci	Toyota Fdn
Mann, D.	Pol Sci	Water Resources Ctr
Parke, W.	Econ	ORDA

b. Professional Researchers

Johnson, M.A.	CORI	CCH, Wilbur Fdn
Slater, P.	CORI	NIH
Williams, R.L.	CORI	Cal Dept Hlth/PHS

APPENDIX B-1 continued

1b) Participants from other campuses, universities and industry

a) FacultyResearchers

Bergstrom, T., Professor of Economics, University of Michigan on
NSF Grant No. SES 82-09732

Goodchild, M., Professor of Geography, University of Western Ontario, on
NIH HD 16378.

Rubinfeld, D., Professor of Law and Economics, UCB, on NSF Grant No.
SES 82-09732.

Visiting Researchers

Hansson, I., Professor of Economics, Lund University, Sweden

Lockkinen, H., Professor of Economics, University of Helsinki, Finland

Seminar Speakers

Dubin, J., Professor of Economics, Cal Tech

Duncan, G., Professor of Economics, Washington State University

Mukul, M., Professor of Economics, University of Wisconsin

Poirier, D., Professor of Economics, University of Ontario

Rudd, P., Professor of Economics, UCB

Conference Participants

Anas, A., Northwestern University

Atkin, M., Lancaster

Barnett, A.I., MIT

Batty, M., UWIST

Bennett, R., Cambridge University

Block, M.K., University of Arizona

Blumstein, A., Carnegie-Mellon University

Bowers, Northeastern University

Bursik, University of Oklahoma

Clark, Leeds

Clark, W.A.V., UCLA

Cohen, J., Carnegie-Mellon University

Flowerdew, R., Lancaster

Gottfredson, D., Princeton

Griffith, D., SUNY Buffalo

Haining, R., Sheffield

Hewings, G., University of Illinois

Jones, K., Portsmouth

Lundberg, G., Duquesne University

Mackinnon, R., SUNY Buffalo

Myers, Jr., S.L., University of Pittsburgh

O'Kelly, M., Ohio State University

Odland, J., Indiana University

Openshaw, S., Newcastle

Pierce, G., Northeastern University

Randall, S., Rutgers University

Sheppard, E., University of Minnesota

Smith, W.R., Rutgers University

Sparks, R., Rutgers University

Van Dusen, K., USC

Wrigley, N., Bristol

Lindemann, B., SBCC

Frakes, G., SBCC

b1) Graduates

MacCaulay, M, Research Assistant, University of California at Berkeley,
on State of California Health Services Grant No. 84-83821.
Roberts, Judith, Postgraduate Research Economist, University of
Michigan, on NSF Grant No. 82-09732.

b2) Industry

Seminar Speakers

White, Sherman, Art Conservator
Ingle-Hoyt, Santa Barbara Architect
Manning, W., Rand Corporation

Conference Participants

Baker, G., US/Mexico Chamber of Commerce
Brown, Harry, MD
Garcia, W., Architect
Grosso, F., DDS
Kohfeld, C., Decker & Associates.

b3) Government

Conference Participants

Martin, S., The Police Foundation, Washington, DC
Sherman, L. The Police Foundation, Washington, DC
Linster, R., Office of Research and Evaluation Methods, NIJ
Garner, J., Crime Control Theory and Policy, NIJ
Barrell, Dir. of Latin American Affairs, US Department of Trade
High, G., Dir., Mexican Affairs, US Department of State
Roe, K., Dir., Office of International Sector Policy, US Department of Commerce
Hoar, G., Asst. Dir., Latin American Office of Developing Nations, US Treasury
Slaught, D., Dir., Mexican Affairs, International Trade Admin., US Department
of Commerce
Whitehead, R., Former County Planning Director, Santa Barbara
Days, Mary Louise, City Planner, Santa Barbara
Clyde, G., Former County Planning Director, Santa Barbara

APPENDIX B-2

a) Employees on Non-University Funds

NEH ED 1374

Professional:

Johnson, G. Wesley, Assoc Res Historian, Principal Investigator
7/1/83-6/30/84
Gallagher, N., Asst Res, 7/1/83-8/23/83
Pursell, C., Res Historian, 8/16/83-9/15/84
Cohen, P., Assoc Res Historian, 7/1/83-8/23/83
Kalman, L., Asst Res Historian, 7/1/83-8/23/83

Students:

E.F. Manchuelle, RA, 7/1/83-12/31/83
Herman, E.D., Asst II, 4/1/84-6/30/84
Hawkins, K., Asst II, 9/9/83-12/31/83
Yew, P.R., Asst II, 1/9/84-6/8/84
Kahn, A., PGR, 3/12/84-6/30/84

Staff:

Sturdevant, R, Staff Res Assoc, 9/15/83-3/15/84 (Casual)
Stevenson, D., Lab Asst, 4/1/84-6/30/84 (Casual)
Johnson, C., STC, 7/1/83-10/31/83 (Casual)

Cal Dept of Health 83-81373

Professional:

Williams, R., Assoc Res Economist, Principal Investigator,
7/1/83-6/30/84 (Career)
Clingman, E., Assoc Specialist, 9/27/83-6/30/84 (Career)

Students:

Macaulay, M., RA, 10/24/83-6/30/84
Tran-Viet, T., Asst II, 1/4/84-6/30/84
Engstrom, D., Asst II, 3/27/84-6/30/84

Staff:

Chen, P, Computer Programmer, 7/1/83-6/30/84 (Career)

Cal Dept of Health 83-81861

Professional:

Williams, R., Assoc Res Economist, 7/1/84-6/30/84 (Career)

Staff:

Marinko, J., Computer Programmer, 7/1/83-6/30/84 (Career)

NSF SES 82-09732

Professional:

Shapiro, P, Research Economist, Principal Investigator
7/1/83-9/9/83
Bergstrom, T., Visiting Res. Economist, 7/1/83-9/12/83
Rubinfeld, D., Visiting Res. Economist, 7/1/83-8/31/83
Roberts, J., PGR, 11/1/83-6/30/84 (Casual)

APPENDIX B-2 continued

California Council for the Humanities

Professional:

Johnson, M.A., Academic Coordinator, 7/1/83-6/30/84
Gebhard, D.S., Faculty Consultant, 2/83

Students:

Edberg, I., Asst II, 8/25/83-9/18/83
Hawkins, K., Asst II, 9/19/83-3/31/84
Stevenson, D., Lab Asst III, 9/9/83-3/31/84
Jackson, M., Asst III, 8/10/83-3/31/84
Yew, P.R., Asst II, 1/9/84-3/31/84

Rockefeller Foundation

Professional:

Borjas, G., Research Economist, Principal Investigator,
7/1/83-6/30/84

Students:

Huang, W.J.W., RA., 4/15/84-6/30/84

Toyota Foundation

Professional:

Fukui, H., Research Political Scientist, Principal Investigator,
7/1/83-6/30/84

Students:

Park, H.S., RA, 5/1/84-6/30/84

USDI USGS 2116 2A

Professional:

Smith, T., Research Geographer, Principal Investigator,
7/1/83-6/30/84
Estes, J., Research Geographer, Co-Principal Investigator,
7/1/83-6/30/84
Pazner, M., Postgrad Researcher 7/1/83-6/30/84 (Casual)

Students:

Chow, KP., RA, 7/1/83-6/30/84
Gersho, M., Asst IV, 5/29/84-6/30/84
Solumanipau, I., Asst III, 6/9/84-6/30/84
Liu, Y., RA, 6/12/84-6/30/84

Staff:

Scepan, J., Sr Photo Tech., 7/1/83-04/30/84 (Career)

NASA NCA2 PR 680

Professional:

Estes, J., Research Geographer, Co-Principal Investigator
7/1/83-6/30/84
Smith, T., Research Geographer, Co-Princiapl Investigator
7/1/83-6/30/84

APPENDIX B-2 continued

Students:

Dubayah, R., RA, 12/1/83-5/31/84
Lin, J., RA., 1/31/84-3/31/84

Staff:

Star, J., Assoc. Development Engineer, 3/1/84-5/31/84 (Career)

USDI OWRT 0417

Professional:

Mercer, L, Research Economist, Principal Investigator
7/1/83-9/30/83
Morgan, WD, Research Economist, Co-Principal Investigator
7/1/83-9/30/83

Students:

Clingman, E., PGR, 7/1/83-9/30/83

NSF OIR 82-12817

Professional:

Smith, TR, Research Geographer, Principal Investigator,
7/1/83-8/31/83

USDA FS 83002-OCA

Estes, J., Research Geographer, Principal Investigator
7/1/83-10/31/83

Staff:

Scepan, J., Sr. Photographic Tech., 7/1/83-10/31/83 (Career)
Eckhardt, D., Staff Res Assoc, 7/1/83-10/31/83 (Casual)

USDA FS

Professional:

Mead, W.J., Res Economist, Principal Investigator, 7/1/83-12/31/83
Schniepp, M., Asst Res Economist, 7/1/83-12/31/83
Watson, R., Asst Res Economist, 7/1/83-12/31/83

Students:

Lowery, J., RA, 7/1/83-12/31/83

Cal Parks & Recreation

Professional:

Pursell, C., Research Historian, Principal Investigator, 7/1/83-
Rios-Bustamante, Faculty Consultant 12/31/83

Students:

Conard, R., Lab Asst., 7/1/83-12/31/83
Woollacott, A., Asst III, 7/1/83-12/31/83
Psuik, R., Asst III, 7/1/83-12/31/83
Hopkins, RB, Asst III, 11/1/83-12/31/83
Houlihan, JW, Asst III, 12/1/83-12/31/83
Pavlik, R., PGR, 12/1/83-12/31/83
Miller, K., Asst III, 12/1/83-12/31/83

APPENDIX B-2 continued

NSF SES 82-09621

Professional:

Smith, T., Res Geographer, Principal Investigator 8/3/83-8/18/83
Golledge, R., Res Geographer, Co-PI, 9/1/83-9/15/83
Pellegrino, J., Res Psychologist, 7/1/83-7/26/83
Marshall, S., Asst Res Psychologist, 7/15/83-9/30/83
Doherty, S., Postgrad Researcher, 7/1/83-5/31/84

Students:

Gale, N., RA, 10/1/83-6/30/84

NEH RT 20213

Professional:

Hollister, C.W., Research Historian, Principal Investigator
7/1/83-6/30/84
Fleming, R., Asst Specialist, Co-Principal Investigator,
7/1/83-6/30/84
Mack, K. Postgrad Researcher, 7/1/83-6/30/84

Students:

Weitzel, M., Asst. II, 7/1/83-7/31/84
Zukin, J., Lab Asst II, 7/1/83-6/30/84

NIH HD 16378-02

Professional:

Smith, T.R., Research Geographer, Principal Investigator
7/1/83-6/30/84
Slater, P., Research Economist, Co-Principal Investigator,
7/1/83-6/30/84

Students:

Schwab, M., RA, 7/1/83-6/30/84
Gorenflo, L.J., RA, 10/1/83-12/31/83
Reimer, K., RA, 8/3/84-3/31/84

PHS, MCH 063211-01

Professional:

Williams, RL, Research Economist, Principal Investigator
1/1/84-06/30/84
Chen, P., Programmer, 1/1/84-6/30/84

UCSB Foundation - Wilbur Fund

Professional:

Johnson, M.A., Academic Coordinator, 7/1/83-6/30/84

APPENDIX B-2

b) Employees on University Funds

CORI

Administrative:

Votey, HL, Director
Pippenger, J., Associate Director
Shapiro, P., Associate Director
Smith, T., Associate Director

Staff:

Hagen, B., Administrative Assistant (1.0% Career)

Technical:

Dandona, J., Word Processor (.50% Career)

Clerical:

Cornet, J., Principal Clerk (1.0% Career)

UC Mexus

Professional:

Pippenger, J., Research Economist, Program Director

Staff:

Elias, M., Administrative Assistant 7/1/83-6/30/84 (.50% Career)

Students:

Aguirre, J., Asst II, 3/1/84-6/30/84
Sampson, M.N., Asst II, 10/1/83-12/31/83
La Guardia, V., Asst II, 10/1/83-12/31/83
Latimer, K.M., Asst II, 10/12/83-12/31/83
Mejia, Carmen, Asst II, 4/23/84-6/30/84
Ortiz, S., RA., 6/1/84-6/30/84
Banuelos, M., RA, 6/1/83-6/30/84

Water Resources Center

W-626

Professional:

Mercer, L., Research Economist, Principal Investigator
Morgan, W.D., Research Economist, Principal Investigator

Lathrop, R.C., PGR, 2/1/84-6/30/84 (Casual)

W-683

Professional:

Caswell, M., Assistant Research Economist

Lathrop, R.C., PGR, 1/1/84-6/30/84 (Casual)

CURRENT SPACE ASSIGNMENTS

<u>North Hall</u>			<u>Sq Feet</u>
1013	Research Office	<u>Mead - USFS & Energy Res Institute</u> Schniepp, M., Asst Res Economist Watson, R., Asst Res Economist	150
1015	Research Office	<u>Votey/Phillips - NSF</u>	150
1017	Research Office	<u>Mercer/Morgan - WRC</u> Lathrop, R., PGR	150
2201	Admin Office	<u>CORI</u> Hagen, B., Admin Asst Cornet, J., Principal Clerk	345
2201A	Research Office	<u>Cal Dept of Health</u> Williams, RL, Assoc Res Economist	138
2202	Admin Office	<u>CORI</u> Dandona, J., Word Processing Spec	247
2204	Admin Office	<u>Center for the Study of Cognition and Performance</u> Terence R. Smith James Pellegrino Roberta Klatsky	264
2205	Research Office	<u>NIH</u> Slater, P.	138
2206	Conference Room	<u>CORI/Econ Dept, Max Pellish Room</u>	345
2207	Research Office	<u>Cal Dept of Health</u> Chen, P. Marinko, J.	276
2209	Research Office Space Modules	<u>CORI</u> Mack, K. PGR (Hollister - NEH) Lui, Y. (Smith - USGS) Chow, K. (Smith - USGS) Gersho, M. (Smith - USGS) Soleimanipau, I. (Smith - USGS) Engstrom, D. (Williams - Cal Hlth) Clingman, E. (Williams - Cal Hlth) Tran-Viet, T. (Williams - Cal Hlth) Hannsson I. (Visiting Researcher) Lockkinen, H. (Visiting Researcher)	437
2208	Conference Room	<u>CORI/Economics Dept - Small Conf. Room</u>	437
2212	Conference Room	<u>CORI/Economics Dept - Large Conf. Room</u>	607

CURRENT SPACE ASSIGNMENTS continued

2124C	Computer Room	Cal Dept of Health - Williams	192
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Ellison Hall

3709	Research Office	<u>NEH Curriculum Development</u> Johnson, G.W. Kahn, A., PGR Stevenson, D. Lab Asst Yew, PR, Asst	120
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5805	Research Office	<u>NEH Domesday Book - Hollister</u> Fleming, R, Assoc Specialist Zukin, J., Lab Asst Weitzel, M. Asst	120
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Bldg 489

Rm 8	Research Office	<u>Water Resources Ctr - Kelley</u> Nye, R.	120
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