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

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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

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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)
# 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

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

<table>
<thead>
<tr>
<th></th>
<th>79/80</th>
<th>80/81</th>
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<td>A. Extramural Funds</td>
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<tr>
<td>Faculty</td>
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<tr>
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<td>Postgraduate Researchers</td>
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<td>Undergraduates</td>
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<td>Fellowships</td>
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<td>B. University Funds</td>
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<tr>
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<td>8</td>
<td>2</td>
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</tbody>
</table>
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.)

<table>
<thead>
<tr>
<th>Research Area</th>
<th>Disciplines:</th>
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<tbody>
<tr>
<td>Artificial Intelligence</td>
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<td>Consensus Among Nations</td>
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<td>Crime Studies</td>
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<td>Data Base Management</td>
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<td>Drunken Driving Behavior &amp; Control</td>
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<tr>
<td>Energy Studies</td>
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<td>Health Economics</td>
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<tr>
<td>History Using Computer Technology</td>
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<tr>
<td>As a Tool</td>
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<td>Insurance</td>
<td></td>
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<tr>
<td>International Business</td>
<td>X</td>
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<tr>
<td>Migration</td>
<td></td>
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<tr>
<td>Natural Resource Studies</td>
<td></td>
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<td>Non-Linear Decision Systems</td>
<td></td>
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<tr>
<td>Public Finance</td>
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<tr>
<td>Public and Oral History</td>
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<tr>
<td>Recreation</td>
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<tr>
<td>Remote Sensing</td>
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<tr>
<td>Spatial Behavior &amp; Knowledge</td>
<td>X</td>
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<tr>
<td>Water Resource Use</td>
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</tbody>
</table>
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 their 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 Autonomia 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: "The Implications for Total Water Demand from the Adoption of Drip Irrigation in California Agriculture," Water Resources Center, M. Caswell, $21,500.


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: "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

"Research Seminar on Interfacing Micro and Macro Models of Human Spatial Behavior," NSF, TR Smith

October 1983

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


March 1984


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.


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.


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
Ione Edborg, 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 Peugnet, Assistant Research Geographer
Students: Michal Pazner, Postgraduate Research Geographer
Zihan 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 wayfinding 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. Scpecan, 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 decision 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
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.
PUBLICATIONS


, 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.


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


"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.


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

PAPERS PRESENTED


"Magna Carta", The Lyndon Baines Johnson Distinguished Lecture, Southwest Texas State University, November 30, 1983.


"Ecclesiastical Lands in the Ninth Century," The Haskins Society, University of Houston, November 1983.


PAPERS PRESENTED continued


"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.


PAPERS PRESENTED continued


ACADEMIC PROGRAM CONTRIBUTIONS

The following courses have been developed with support from Grant Number NEH EDI374, 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 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.


Hollister, C. Warren (Research Historian)

Conference session chairmanships

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


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.

Pequuet, Donna J. (Assistant Research Geographer)

Contributing Editor to THE AMERICAN CARTOGRAPER
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.

33
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
Referee: American Journal of Public Health
Referee: American Journal of Obstetrics and Gynecology

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).


PROFESSIONAL ACTIVITIES continued


"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)


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


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 Slaught, 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.
"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 Anamalous 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"
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."


                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


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.
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### A-1 EXTRAMURAL ACTIVITY

#### Proposals Submitted 1983/1984

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<th>$ Value</th>
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<tr>
<td>J. Estes T.R. Smith (Geog)</td>
<td>NASA Ames NCA2-OR680</td>
<td>&quot;Applying Artificial Intelligence to Large Networks&quot;</td>
<td>14,315</td>
<td>10/1/83-04/30/84</td>
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<td>T.R. Smith D.J. Pequet J. Estes (Geog)</td>
<td>NSF SES84 00799</td>
<td>&quot;Constructing a Self Modifying Knowledge Based Geographical Information System&quot;</td>
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<td>P. Slater (CORI)</td>
<td>NSF IST84-01856</td>
<td>&quot;Determining Functional Fields of Scientific Endeavor Through the Use of Inter-Journal Citations&quot;</td>
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<td>J. Pippenger US Dept. of Ed.</td>
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<td>&quot;Business Economics Exchange Program with Latin America&quot;</td>
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<td>H.L. Votey P. Shapiro (Econ)</td>
<td>NIJ</td>
<td>&quot;Evaluating Sanctions in an Individual Choice Model: The Case of Drunken Driving Part II&quot;</td>
<td>89,813</td>
<td>09/01/84-09/30/85</td>
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<td>&quot;Offender Classification and Related Models Incorporating Coordinates of Metropolitan Criminal Committees&quot;</td>
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<td>07/01/84-12/31/85</td>
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<td>Start Date</td>
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<td>T. Smith (Geog)</td>
<td>NSF</td>
<td>&quot;Constructing and Testing a Computational Process Model of Children’s Acquisition of Spatial Knowledge in a Large-Scale Environment&quot;</td>
<td>83,526</td>
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<td>H.L. Votey</td>
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<td>&quot;Women’s Involvement in Serious Crime: A Study of Causality and Control&quot;</td>
<td>160,678</td>
<td>06/01/84</td>
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<td>J. Estes</td>
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<td>&quot;Earth Surface Analysis System&quot;</td>
<td>326,533</td>
<td>07/01/84</td>
<td>6/30/85</td>
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<td>R. Williams (CORI)</td>
<td>State of Calif.</td>
<td>&quot;Modify and Install an Operational EDP Software System&quot;</td>
<td>42,500</td>
<td>10/01/83</td>
<td>06/30/84</td>
<td>Funded 42,500</td>
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<td>G. Borjas (Econ)</td>
<td>Rockefeller</td>
<td>&quot;The Employment of Blacks in the State and Local Government Sector&quot;</td>
<td>22,993</td>
<td>08/01/84</td>
<td>07/31/85</td>
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<td>T.R. Smith (Geog)</td>
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<td>&quot;Constructing and Testing a Computational Process Model of Children’s Acquisition of Spatial Knowledge in a Large-Scale Environment&quot;</td>
<td>225,485</td>
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<td>P. Shapiro</td>
<td>NSF</td>
<td>&quot;Community Choice and the Demand for Public Goods&quot;</td>
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<td>D. Rubinfeld</td>
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<td>T. Smith</td>
<td>NASA</td>
<td>&quot;Constructing Geographic Expert Systems with Learning Capabilities&quot;</td>
<td>40,600</td>
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<td>F. Dubayah (Geog)</td>
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<td>P. Slater (CORI)</td>
<td>PHS DHHS</td>
<td>&quot;Point to Point Migration Functions&quot;</td>
<td>263,495</td>
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<td>R. Williams (CORI)</td>
<td>CA Dept. of Health</td>
<td>&quot;Maternal and Child Health Database: Development, Application and Dissemination&quot;</td>
<td>93,963</td>
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<td>Funded 187,926</td>
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<td>J. Marshall (Econ)</td>
<td>Huebner Fdn.</td>
<td>&quot;Optimum Insurance for People Who Don’t Want Any&quot;</td>
<td>5,000</td>
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<td>W.J. Mead</td>
<td>Dept. of Energy</td>
<td>&quot;The Private and Social Cost of Alternative Electric Power Technologies for California&quot;</td>
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<td>06/30/84</td>
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<td>&quot;Alternative Electric Power Energy Sources for California&quot;</td>
<td>19,826</td>
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<td>06/30/85</td>
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<td>H.L. Votey</td>
<td>New Zealand Nat'l Resrch Advsy Cncl</td>
<td>Senior Research Fellowship on Drunken Driving</td>
<td>6,960</td>
<td>06/30/85-</td>
<td>09/30/87</td>
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<td>L. Phillips</td>
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<td>&quot;Male-Female Crime Rate Differentials: A Study of Effects of Causal and Control Forces&quot;</td>
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<td>H.L. Votey</td>
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<td>&quot;Implications of an Expanded Military Role&quot;</td>
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<td>J. Cronshaw</td>
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<td>W. Lucas</td>
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<td>&quot;Fear and the Unequal Burden of Crime on the Elderly&quot;</td>
<td>26,602</td>
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<td>L. Phillips</td>
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<td>&quot;Fear and the Unequal Burden of Crime on the Elderly&quot;</td>
<td>39,302</td>
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<td>&quot;Travel to Brighton, England, for a Workshop on Modeling Road Accident and Injury Patterns&quot;</td>
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<td>&quot;Maternal and Child Care Health Statistical Base: Development, Application and Dissemination&quot;</td>
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<td>R.L. Williams</td>
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<td>&quot;The Development of a Methodology for Distinguishing Between Deterrence and Incapacitation Effects and Other Issues of Social Control&quot;</td>
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<td>H.L. Votey</td>
<td>NIH</td>
<td>&quot;Evaluating Alternative Sanctions in an Individual Choice Model: The Case of Drunken Driving Part II&quot;</td>
<td>86,297</td>
<td>11/01/83</td>
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<td>&quot;Women's Involvement in Serious Crime: A Study of Causality and Control&quot;</td>
<td>155,611</td>
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<td>&quot;Women's Involvement in Serious Crime: A Study of Causality and Control&quot;</td>
<td>116,369</td>
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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
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<td>M.A. Johnson</td>
<td>Cal Council for the Humanities</td>
<td>Santa Barbara and the City Beautiful Movement</td>
<td>7,500</td>
<td>6/16/83-3/31/84</td>
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<td>W.J. Mead</td>
<td>Dept. of Energy UCSB 08219</td>
<td>Private and Social Costs of Alternative Electric Power Technologies for Calif.</td>
<td>15,700</td>
<td>1/1/83-12/31/83</td>
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<td>T.R. Smith</td>
<td>Dept of Interior 14-08-0001-21162</td>
<td>Knowledge Based Engineering for Data Base Management and Use</td>
<td>67,556</td>
<td>7/1/83-1/31/85</td>
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<td>H.L. Votey P. Shapiro</td>
<td>Dept. of Justice 84-1J-CX-0033</td>
<td>Evaluating Sanctions in an Individual Choice Model: The Case of Drunken Driving Part II</td>
<td>89,813</td>
<td>6/1/84-10/1/85</td>
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<td>R.L. Williams</td>
<td>Public Health Service MCJ-063211</td>
<td>Automated Perinatal Information System</td>
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Total extramural proposals submitted 1982/83 and funded 1983/84 $308,813
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<tr>
<td>L.J. Mercer/W.D. Morgan (Econ)</td>
<td>WRC 626</td>
<td>&quot;The Relative Cost of Prices vs Rationing to Resolve Water Shortages&quot;</td>
<td>9,500</td>
<td>7/1/83-6/30/84</td>
<td>Funded</td>
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<td>Johnson, M.A. (CORI)</td>
<td>Academic Senate</td>
<td>&quot;History of the Santa Barbara Beautification Movement&quot;</td>
<td>2,500</td>
<td>6/15/84-6/14/85</td>
<td>Funded</td>
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<td>Mann, D./Andres T. (Pol Sci)</td>
<td>WRC 103</td>
<td>&quot;Scientific &amp; Policy Impacts of Research Progress of the Water Resources Center&quot;</td>
<td>2,831</td>
<td>7/1/83-9/30/83</td>
<td>Funded</td>
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<td>Caswell, M. (Econ)</td>
<td>WRC 638</td>
<td>&quot;The Implications for Total Water Demand from the Adoption of Drip Irrigation in Calif. Agriculture&quot;</td>
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<td>&quot;Santa Barbara Regional Oral History Program&quot;</td>
<td>5,000</td>
<td>7/1/84-6/30/85</td>
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STATISTICAL SUMMARY

1a) UCSB academic staff engaged in research:
   a) Faculty 33
d) Postdoctoral 8
   b) Professional Researchers 3
e) Graduate 22
   c) Specialists 2
f) Undergraduates 15
g) Other (specify)

   TOTAL 83

1b) Participation from other campuses, colleges, universities, and industry:
   a) Faculty - Research
      - Seminar speakers 5
      - Conference Participants 33
   b1) Graduates 2
   b2) Industry 8
   b3) Government - Conference Participants 12

   TOTAL 65
   See Appendix B-I

2) Number of employees and FTE in unit:
   a) Employees on University Funds:

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<td>Administrative</td>
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<td>1.08</td>
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<td>4.71</td>
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   TOTAL NUMBER: 16
   TOTAL FTE: 4.71
b) Employees on Non-University Funds:

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<th>Number</th>
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<td>Professional</td>
<td>31</td>
<td>8.18</td>
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<td>Technical</td>
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<td>Clerical</td>
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<td><strong>TOTAL</strong></td>
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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

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<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Funding Agency</th>
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<tr>
<td>Borjas, G.</td>
<td>Economics</td>
<td>Rockefeller Fdn MEXUS</td>
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<tr>
<td>Bradford, M.G.</td>
<td>Religious Studies</td>
<td>Cal Council for the Humanities MEXUS</td>
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<tr>
<td>Carlos, M.</td>
<td>Anthro.</td>
<td>NEH</td>
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<tr>
<td>Caswell, M.</td>
<td>Econ/Env. Studies</td>
<td>USGS, USFS, NSF NEH</td>
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<td>Cohen, P.</td>
<td>History</td>
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<tr>
<td>Estes, J.</td>
<td>Geography</td>
<td>Cal Council for the Humanities NSF</td>
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<tr>
<td>Gallagher, N.</td>
<td>History</td>
<td>NEH</td>
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<td>Gebhard, D.</td>
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<td>Golledge, R.</td>
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<td>NSF</td>
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<td>Johnson, G.W.</td>
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<td>NEH</td>
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<td>Kalman, L.</td>
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<td>MEXUS</td>
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<td>Leal, L.</td>
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<td>Marshall, S.</td>
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<td>USFS</td>
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<td>Mead, W.</td>
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<td>Water Resources Ctr MEXUS</td>
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<td>Mercer, L.</td>
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b. Professional Researchers

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APPENDIX B-1 continued

1b) Participants from other campuses, universities and industry

a) Faculty

Researchers
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
Lockkinnen, 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.J., 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
Hewlings, 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
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 Internation Sector Policy, US Department of Commerce
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)

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:
  Scopan, 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-Principal 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:
Purseall, 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
Pruik, 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, H.L., 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)
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