

**COMMUNITY AND ORGANIZATION  
RESEARCH INSTITUTE**

**ANNUAL REPORT  
1993-1994**

**Richard P. Appelbaum  
Director**

**UNIVERSITY OF CALIFORNIA  
SANTA BARBARA, CA 93106**

**COMMUNITY AND ORGANIZATION  
RESEARCH INSTITUTE**

**ANNUAL REPORT  
JULY 1, 1993 - JUNE 30, 1994**

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Richard P. Appelbaum

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Tim Schmidt, Accounts Manager  
Joan Dandona, Personnel/Payroll, Proposal Preparation  
Jan Jacobson, Travel, Purchasing  
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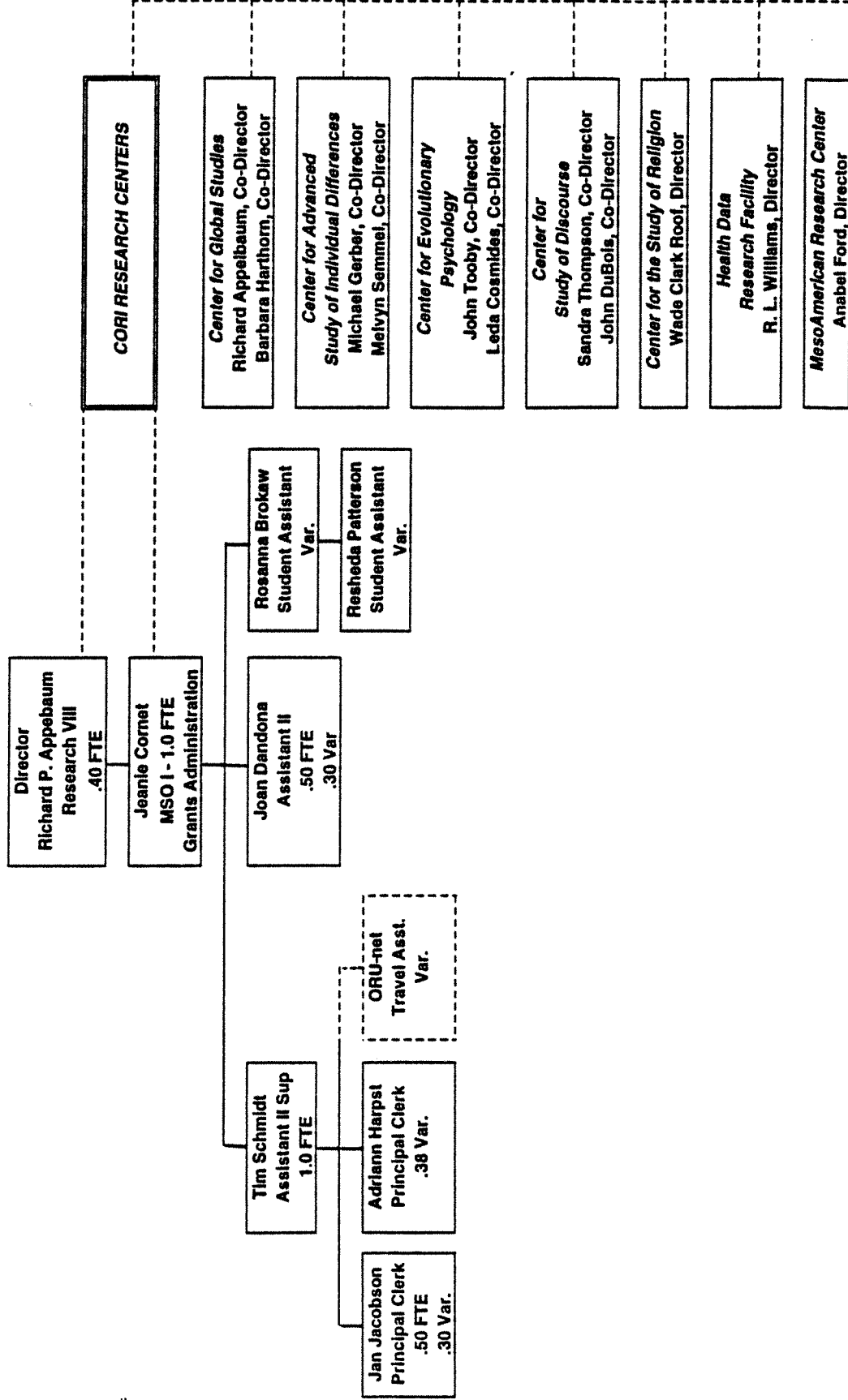
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**CORI ORGANIZATIONAL CHART**



**COMMUNITY AND ORGANIZATION RESEARCH INSTITUTE**

**RESEARCH CENTERS**

**Center for Global Studies**

Richard Appelbaum, Co-Director  
Barbara Herr Harthorn, Co-Director

**Center for Advanced Study of Individual Differences**

Michael Gerber, Co-Director  
Melvyn Semmel, Co-Director

**Center for Evolutionary Psychology**

John Tooby, Co-Director  
Leda Cosmides, Co-Director

**Center for the Study of Discourse**

Sandy Thompson, Co-Director  
John DuBois, Co-Director

**Center for the Study of Religion**

Clark Roof, Director

**Health Data Research Facility**

R. L. Williams, Director

**MesoAmerican Research Center**

Anabel Ford, Director

## Director's Statement for 1993/1994

### 1. Initial Goals and Purposes

For more than two decades, CORI has served as the campus ORU for sponsored research in the social sciences and humanities. CORI's original charge was to "serve as a major resource for basic research in the social sciences," encouraging "faculty participation in interdisciplinary research." Over the years this has been interpreted to mean that CORI should function to encourage and administer research from a wide range of disciplines in the social sciences and humanities, with an occasional foray into education and even engineering. With CORI's absorption of SPRI in 1990, CORI grew rapidly and even more diverse in terms of client base. It is now the largest ORU in the social sciences.

### 2. Current Mission

While most ORUs have a relatively well-defined identity forged around a common research specialization, CORI, by design, has been organized to welcome all comers. In this regard CORI has played a crucial role in administering grants which otherwise might have encountered difficulty in finding suitable homes elsewhere at UCSB. In effect, CORI has served as a general-purpose ORU for the social sciences and humanities. By my current count, our researchers come from 12 different departments in all three Divisions of the College of Letters and Sciences, the Graduate School of Education, and other units. CORI thus plays an important role in serving the research needs of the entire campus, particularly in a funding environment which tends to be considerably leaner than that encountered in the natural sciences.

Yet at the same time, this role has placed a number of burdens on CORI. Rather than administering a small number of large grants, CORI administers a large number of small grants (see below, section 5, for an historical analysis of CORI grant activities). In the recent past, the resulting administrative complexity had contributed to workload problems and client concerns. This, in turn, led the previous Director to seek temporary staff augmentations and implement some workflow changes (see last year's *Director's Statement*). While these problems have been for the most part surmounted, other challenges remain. For example, it has been difficult to build a sense of cohesion and synergy among CORI's diverse family of researchers. CORI's 45 academic personnel, 76 graduate students, and 19 undergraduates are involved in disparate research activities with no common basis.

When I became CORI Director last July, I did so with two primary objectives: first, to strengthen CORI in its traditional role as the principal ORU in the social sciences; and second, to build CORI into a major research presence in global studies. By "global studies" I refer to the scientific study of the increasingly important social processes that transcend national borders. Examples include economic processes, including markets, transnational firms, development, and consumerism; culture, including language, ideologies, religion, exile and diaspora, multiculturalism and nativism, and issues of gender and race; telecommunications and mass media; social organizations, including business and trade groups, labor unions, ethnic associations, and families; migration, as manifested in migrant communities, regions, and nations; political institutions and the future of nations; and environmental processes, particularly their human aspects.

A number of activities have occurred during the past year to realize this enhanced mission, most importantly the hiring of Dr. Barbara Harthorn as my Co-Director of CORI's Center for Global Studies. Dr. Harthorn is responsible for working with me to help faculty identify and develop funded research projects focused on globalization. The Center's activities, and their import for CORI, are summarized elsewhere in this report. During the coming year it will be necessary for CORI's Advisory Board to revisit the mission statement in light of these changes, as well as possibly even reconsider CORI's name.<sup>1</sup>

### **3. Research and Training Activities**

#### **3.1. Summary of Research Activities**

During the past year CORI researchers submitted 59 proposals of which 24 were funded, a success rate of 41 percent. The total value of new awards was \$1,481,415. Including multiyear grants, CORI currently administers a total of \$5,148,793 in awards, distributed among 69 different projects employing 45 academic personnel.

#### **3.2 Summary of Training Activities**

During the past year CORI researchers employed 76 graduate researchers and 19 undergraduates. Students gave papers at professional meetings, and authored or co-authored publications. A number of graduate students received special distinction for their work.

Graduate students working with John Tooby and Leda Cosmides included Peggy LaCerra, whose doctoral dissertation "Evolved Mate Preferences in Women: Psychological Adaptations for Assessing a Man's Willingness to Invest in Offspring" won the Winifred and Louis B. Lancaster Award for the best social science dissertation produced at UCSB during the last two years; April Gorry, who won a \$20,000 Rotary Fellowship on the ways in which the sexuality of young women is curtailed and controlled by older women among the Garifuna of Belize; and Larry Sugiyama, who won a Presidential Dissertation Year Fellowship to pursue his dissertation work testing hypotheses about psychological adaptations cross-culturally.

Among graduate and postdoctoral students working with Michael Gerber and Mel Semmel, Judy English won an award for the best research presentation at the Graduate Research conference, California Lutheran University; Kathleen Kelly was awarded a postdoctoral fellowship; and postdoctoral scholar Ann Graves became Chair-Elect of the Special Education Research Interest Group, American Educational Research Association.

Greg Scott, who is conducting doctoral research on labor conditions in the Los Angeles garment industry under my supervision, won first prize from the Racial and Ethnic Minorities Division of the Society for the Study of Social Problems for the best graduate student paper presented at this year's annual meetings.

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<sup>1</sup>The name "Community and Organization Research Institute" harkens back to a time more than two decades ago when CORI was primarily concerned with locally-based research designed to directly feed back into community and organizational concerns.

### 3.3 Some Research Highlights

A brief summary of some CORI research highlights will serve to illustrate the highly diverse nature of research interests among CORI clients.

Jack M. Loomis, Reginald G. Golledge, and Roberta L. Klatzky have gained worldwide attention for their pioneering work in navigational aids for the blind based on the global positioning system. This technology enables people who are blind to continually and accurately locate themselves in physical space, by using a device that draws on positioning information transmitted from satellites. During the past year they made significant progress in hardware and software integration, and were able to offer successful and widely publicized public demonstrations of the system. Loomis was subsequently invited to attend a conference on Orientation and Navigation Systems for Blind Persons to be held in London in February 1995, to be hosted by the Royal National Institute for the Blind.

Marianne Mithun's project on Barbareño Chumash seeks to produce a grammar of this now-extinct regional language. Basing her research on the field notes of John Peabody Harrington, recorded in work with the last speakers of the language between 1913 and 1961, she has thus far entered some 250 texts (stories, narratives, histories) into the computer database, enabling her to compile a dictionary of more than 2,000 entries. Work on the development of a grammar is proceeding rapidly.

Wade Clark Roof's work on religion currently encompasses two major projects: a comparative study of Buddhists, Muslims, and Christians in Southern California, and a study of how the religious and ethnic communities in Los Angeles are rebuilding a civic culture in response to the 1992 uprisings. Together, these projects will provide an important understanding of the changing religious landscape in California, and its impact on community life. Roof's on-going research on religiosity among "baby boomers" has received worldwide acclaim, including being featured as a cover story in Time Magazine (April 15) and receiving front-page coverage in the New York Times (December 26).

Roger Ingham's work on stuttering has led to the development of a new methodology for reliably recording and measuring stuttering behavior. His research group has developed a time-interval system that has resolved one of the major roadblocks in research. They are currently developing their system for use in an interactive computer-based work station that will prove useful in the treatment of stuttering disorders.

John Tooby's and Leda Cosmides' research on evolutionary biology and human psychological adaptation seeks to identify universal cognitive mechanisms that have evolved over time through natural selection. Such mechanisms, if demonstrated to exist as part of the physiological architecture of the human brain, would provide a foundation for identifying biological bases for human behavior. This is a highly contested area in the social sciences, and one that is receiving increasing attention within the scientific community. In recognition of his work, Tooby received the NSF "Presidential Young Investigator Award," while Cosmides recently earned the 1993 American Psychological Association "Distinguished Scientific Award for an Early Career Contribution to Psychology in the area of Human Learning/Cognition." Their research was discussed in a number of popular outlets, including *The Economist*, *Science News*, *Science*, *US News and World Report*, the *Times Literary Supplement* (London), and the *Times Higher*

*Education Supplement* (London). This year CORI conferred Center status on their Laboratory of Evolutionary Psychology; Tooby and Cosmides are currently seeking federal funding to develop this into a national center.

### **3.4 CORI Centers**

Over the years CORI has created a number of centers to facilitate its research mission. This year I have discontinued four centers that have completed their work: the California Growth Project, the Pacific Rim Project on Mathematics Achievement, the Center for Business and Public Policy, and the Center for Labor Analysis. I have authorized the creation of two new centers, the Center for Evolutionary Psychology and the Center for the Advanced Study of Individual Differences. Finally, following a request from the Office of Research, I plan to review all centers this fall. Following are brief descriptions of CORI's seven centers:

**The Center for Global Studies**, co-directed by myself and Barbara Harthorn, was established in the fall of 1991. For several years the center functioned primarily to house my own research on commodity chains and industrial districts in East Asia and Los Angeles. This research, which was funded by the Pacific Rim Research Program and the Haynes Foundation, involved the collaboration of seven scholars on six different UC campus (UCSB, UCLA, UCB, UCR, UCI, and UCSC). It examined the changing geography of global businesses in selected industries, examining the nature of business organization and impacts on labor markets and communities. As noted elsewhere in this report, this past year the Center for Global Studies became the principal vehicle for CORI's efforts to increase campus research oriented towards global studies.

**The Center for the Study of Discourse** is co-directed by Sandra A. Thompson and John DuBois. Established in 1989, the center was conceived to be a forum for the Linguistics Department's project to establish a corpus of spoken American English, as well as a focus for ongoing research in the area of discourse across campus. The Center aims to coordinate and serve as a clearing-house for interdisciplinary approaches to discourse research; to this end, the Center sponsors lectures and social events throughout the academic year. Several joint research projects are currently underway, including the previously-mentioned study of Barbareño Chumash and the creation of a corpus of a million words of spoken American English.

**The Center for the Study of Religion**, Directed by Wade Clark Roof, engages in research on religion utilizing perspectives from the social sciences and the humanities. The work of the center is shaped by projects that are funded for research. The center also provides assistance to students needing help with research projects or applying for grants. Its two major projects are those noted above, a comparative study of Buddhists, Muslims, and Evangelical Christians in Southern California (funded by the Pew Charitable Trusts), and a study of how religious leaders in Los Angeles' ethnic communities responded to the 1992 uprisings in hopes of rebuilding a civic culture (funded by the Haynes Foundation).

**The MesoAmerican Research Center (MARC)** is directed by Anabel Ford and includes Susan Stonich, Mary O'Connor, Frederick Bove, and Michael Love. This is an interdisciplinary group of social scientists who work in the greater MesoAmerican arena, including Mexico, Guatemala, Belize, and upper Central America. O'Connor's research in Northern Mexico focuses on ethnographic ties to religious studies, as well as illegal immigration and work in the United States. Bove and Love conduct collaborative research on the prehistory of the South Coast of Guatemala.



Stonich focuses on economic development and the adaptation of subsistence technologies in Central America. Ford's archaeological research in Belize, involving professionals from the social and biological sciences, currently seeks to create a bi-national border park between Belize and Guatemala.

The **Center for the Advanced Study of Individual Differences** is directed by Michael Gerber and Mel Semmel (Emeritus). The Center serves as a bridge between education and social science scholars interested in issues arising from both policy and practice for disabled individuals. It sponsors research, advanced training, and model demonstration projects, particularly those that promote collaboration between education and social science scholars. Researchers associated with the Center are completing a five-year investigation of school environments as they related to desirable outcomes for disabled students. Five faculty from social science departments serve as informal liaisons for doctoral students seeking joint training in special education and social science under the auspices of the Center.

The **Center for Evolutionary Psychology**, co-directed by John Tooby and Leda Cosmides, is an outgrowth of the UCSB Laboratory of Evolutionary Psychology; its creation was authorized in spring 1994. The center will foster interdisciplinary and collaborative research among those scholars at UCSB who share a common interest in evolutionary psychology. In addition to Tooby and Cosmides, these currently include Don Symons, Don Brown, and Napoleon Chagnon.

The **Health Data Research Facility**, directed by Ron Williams, employs the services of four program analysts (Peter Chen, John Marinko, Ellen Needham, and Niloufar Ameli) and a secretary (Julie Kluss). During the past decade it has become internationally known as a center for applied research using vital statistics in public health data. It is recognized as a source of expertise in the growing field of perinatal epidemiology, and has been credited with providing greater validity to the use of vital statistics records as a source of data for medical research. The Facility's short-run objectives include the continued development, implementation and dissemination of the Automated Vital Statistics System (AVSS) software which was developed at the Facility, the further enhancement of methods for generating data for research on births and perinatal and neonatal mortality, and the annual publication of the Maternal and Child Health Data Base Descriptive Narrative.

#### **4. Meeting the Needs of the Public**

Much of CORI's research has implications for public policy. Among CORI researchers, examples of policy-relevant research include:

- Michael Gerber and Melvin Semmel's project to develop a new doctoral training model at UC Santa Barbara that will prepare researchers, teachers, trainers, and administrative leaders in the field of education for people with learning disabilities.
- Janis Ingham and Roper Ingham's projects to address the needs of children with stuttering problems. Janis Ingham's work focuses on developing, implementing and evaluating a range of procedures designed to treat such children, while Roger Ingham's work is concerned with developing a method to measure chronic stuttering.
- Cynthia Kaplan's research on Russian nationalism in Russia, Tatarstan, and Estonia, examining the potential for violence and offering policies that will provide peaceful means of conflict resolution.

- Jack Loomis, Reginald Golledge, and Roberta Klatzky's research to develop a microcomputer-based navigational aid for the visually impaired. This device, which draws on global positioning systems, will inform the visually impaired user of his or her location and provide information about the local environment.
- Lorraine McDonnell's research on the implementation of state assessment initiatives in local schools and classrooms.
- Marianne Mithun's research on Barbareño Chumash has resulted in a request by Chumash people from Santa Barbara, Santa Inez, and Ventura for help in reviving their ancestral language; plans are now being made for language classes.
- Wade Clark Roof's research on the role played by religious leaders in fostering civic peace, within the potentially explosive context of interracial conflict following the 1992 uprising.
- Susan Stonich's research on the interrelated social, economic, and environmental effects of the expansion of shrimp mariculture along the Pacific Coast of Central America. The project also seeks to understand the resulting policy implications.
- Ron Williams' ongoing development and dissemination of the Automated Vital Statistics System (AVSS) software, now operational in some 300 sites in 4 states. This software electronically captures and communicates vital records and communicable disease data, and is expected to result in immunization tracking systems. Williams' Center also annually publishes the Maternal and Child Health Data Base Descriptive Narrative, used by hundreds of community-based agencies as well as by the Department of Health Services, the Office of Statewide Health Planning and Development, Kaiser Permanente, Bank of America, and the Consumers' Union.

Additionally, the CORI Director chairs UCSB's Pacific Rim Committee, whose task is to encourage and facilitate campus scholars in submitting proposals to the systemwide Pacific Rim Research Program (PRRP). As chair of the campus committee, the CORI Director also represents UCSB on the PRRP Advisory Committee, which helps to set PRRP policy as well as making awards in the annual proposal competition. The PRRP, established by the state legislature six years ago, has as a primary objective the encouragement of policy-relevant research of benefit to the state of California as well as Pacific Rim countries. The UCSB proposal review process is designed to actively solicit proposals from campus scholars, give preliminary feedback in order to enhance their chances of success, and provide the systemwide review with an evaluation of campus submissions. In the recently-completed five-year MRU review, UCSB and UCLA's review processes were singled out as "models" for other UC campuses to emulate.

## **5. Recent History, Present Issues, Future Plans**

### Some Historical Perspective

Figures 1 through 6 (appended to the end of this report) summarize CORI's grant activity during the past four years. Figure 1 indicates that the value of total awards administered has grown from \$2.8 million to \$5.1 million during the period, although the principal growth occurred during the 1992-93 academic year, and could partly reflect CORI's continuing absorption of a number of former SPRI clients. While funding for extramural grants has grown from \$2.6 million to \$4.7 million, the "other projects" category has grown even more rapidly -- from roughly \$177,000 to \$490,000. This includes funding from other UC sources (most notably the Pacific Rim Research Program), special donors accounts, and royalties for software developed by one of CORI's clients. During this same period, CORI's grants have grown larger as well, from an average of \$65,669 in 1990-91 to \$108,343 this past year (Figure 2). Average growth notwithstanding, the total number

of grants has also grown apace, from 53 at the outset of the period to 69 today (Figure 3). Once again, the principal jump (14 grants) occurred during 1992-93. This was true of the number of extramural grants as well, which dropped this past year to levels of 3-4 years ago. The sharpest rise in numbers occurred in the "other projects" category; 26 were administered last year. In sum, CORI manages a large number of relatively small grants, and even though the average grant seems to be growing in size, the administrative burden is substantial.

In Figure 4 we see that paralleling the growth in grant activity, the total number of academic personnel has grown over the period as well, from 38 four years ago to 45 today. Graduate student support has grown far faster; it has more than doubled, from 35 at the beginning of the period to 76 today. The number of undergraduates supported has also nearly doubled, growing from 10 to 19. CORI grantees are clearly playing a major role in supporting graduate and undergraduate research training.

Figures 5 and 6 look at the value and number of proposals submitted and grants funded. New awards last year stood at roughly the same level as 4 years ago (\$1.4-1.5 million), about \$300,000-\$400,000 less than during the intervening years (Figure 5). On the other hand, the total value of submissions remains somewhat higher (\$7.3 million last year, compared with \$6.9 million 4 years ago), although these are also down from a high of \$8.4 million in 1991-92. The ratio of proposals submitted to grants funded has fluctuated in the 20-23 percent range throughout the period (not shown in the figures).<sup>2</sup> The total annual number of proposals submitted currently stands at 59, having fluctuated in the 50-60 range during the past 4 years (Figure 6). Last year 24 proposals were funded; the range throughout the period has been between 20 and 27. The percentage of successful applications is considerably higher than the percentage of requested funding that is approved; it has ranged from 38-45 percent, and currently stands at 41 percent. On the one hand, this suggests that CORI clients are reasonably successful once they submit proposals, even though some of the largest ones have not yet been funded. On the other hand, one could also argue that CORI's success rate is perhaps too high -- that only the most promising (or perhaps seasoned) campus scholars are likely to submit proposals, whereas in the long run it is desirable to increase the pool of those willing to try, fail, and resubmit.

#### Global Studies and CORI

It is my long-term intention to increase CORI's proposal submission and success rates. As noted above, CORI is now undergoing a transition from being exclusively a general-purpose ORU to one with a mission that includes the development of a greatly expanded research program focused on global studies. To achieve this objective, CORI received support for a .50 FTE at the Specialist Step II level to assist in development efforts related to global studies.<sup>3</sup> Dr. Barbara Harthorn, formerly Associate Director of the Interdisciplinary Humanities Center, joined CORI in this capacity in November 1993. Dr. Harthorn and I are assisted in our work by Greg Scott, a GRA employed for this purpose. CORI staff continues to perform its traditional functions of proposal budget preparation and awards administration. Dr. Harthorn joins me in working with prospective

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<sup>2</sup>It should be noted that proposal totals are highly sensitive to a few ambitious submissions. During the past few years a small number of these (none thus far successful) account for the large fluctuations in the totals.

<sup>3</sup>Support has come primarily from the Executive Vice Chancellor. Additional support is provided by the Provost of the College of Letters and Sciences, and Ron Williams, a long-standing CORI client.

clients to help conceptualize their projects and identify potential funding sources. As discussed in greater detail elsewhere, Dr. Harthorn's activities have included:

- developing funding-search capacity through IRIS and other sources
- providing funding searches for 20 proposals
- putting out the Global Studies quarterly newsletter, which discusses changes in the federal funding climate, identifies sources of funding, and provides deadline dates for proposal submissions for different agencies
- creating a pilot seed grant competition open to all faculty whose interests fall within global studies
- working with me to identify faculty with common interests in particular aspects of global studies, who will be provided with seed money to develop grant proposals

During the coming year we will greatly expand our development efforts, to include an expanded program of seed grants for promising initiatives, as well as travel by the CORI Director and project PI's to meet with foundation program officers and other funding sources. We will also be launching a new international journal under the auspices of the Center for Global Studies, *Competition and Change: The Journal of Global Political Economy*. The journal is described further in Section of this report on "CORI Research Centers."

#### Permanent Staff Augmentations

In the past, CORI has been hampered in its development efforts by lack of available funds for this purpose. CORI's staff allocation consisted of two 1.00 FTEs (the MSO and the Accounts Manager) and two .50 FTEs (one responsible for purchasing and travel, the other for payroll and budget preparation). In fact, the Office of Research routinely augmented these positions to .75 FTE, in response to CORI's yearly requests for additional support. Work-study and other necessary part-time staff were funded out of the Director's discretionary funds (see last year's Director's Statement). Beginning next year the Office of Research will permanently augment the .50 FTE positions to .75 and 1.00 respectively, and will also provide additional operating funds on an annual basis (equivalent to roughly .50 FTE at the AAI level). This will enable us to better meet the demands of our large and diverse client base. It will also free up the Director's discretionary funds for their intended purpose in grant development. The Accounts Manager position was also upgraded to Administrative Analyst III, in light of CORI's expanded mission and an appreciation of the greater workload occasioned by its diversity of accounts.

#### Administrative Issues and Changes

Because of CORI's recent expansion and workflow problems mentioned above, I requested a desk audit to be conducted by Personnel Services in late spring 1994. The purpose of the audit was to identify any management or organizational improvements that might contribute to CORI's efficiency, morale, and client service. The audit, which took several months to complete, included interviews with past and current members of the CORI staff, selected clients, and other administrative units that have routine contact with CORI. The final report called for tighter administrative control on the part of the Director and the MSO, as well as some changes in workflow. We have begun to implement these recommendations. The report also suggested that the CORI MSO create temporary advisory groups around specific job functions, drawing on staff from other ORU's and administrative units. The purpose of these groups would be to examine workflow issues, drawing on their common experiences to suggest more efficient alternatives. The

advisory groups have been constituted; we expect their work to be completed by the end of fall quarter.

CORI has also experienced recent turnover in the Accounts Manager position. The person who had served capably in that role for more than two years departed for work in the private sector, having standardized CORI's accounts and monthly reconciliation procedures, and regularized monthly reports to clients. Her replacement served only four months before departing to a more senior position in the Office of Research. Nonetheless, during his brief tenure he made significant improvements to our procedures, including upgrading our software and developing standardized monthly report formats that should enable CORI clients to better track and project their account balances. A search for his replacement produced a large number of highly qualified applicants; his replacement assumes her position October 4.

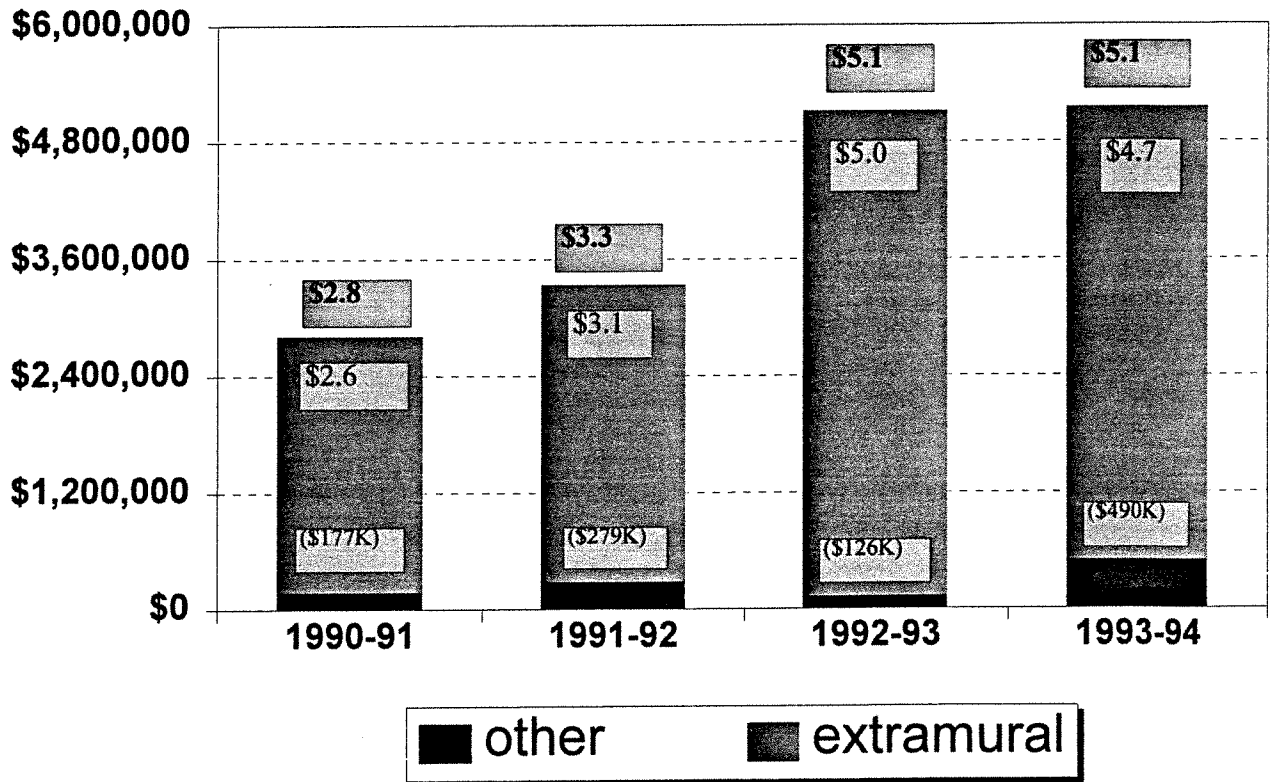
#### Electronic Mail

During the past year CORI staff acquired electronic mail capabilities, which has enhanced our ability to communicate with our clients as well as other campus units and ORUNET. This entailed acquiring the necessary hardware and software, cabling the North Hall offices, training staff, and retaining the services of a .10 Programmer Analyst at the Student Assistant IV level). This coming year we plan to extend e-mail services to our clients in Girvetz; we are currently exploring alternative ways of providing this service as inexpensively as possible.

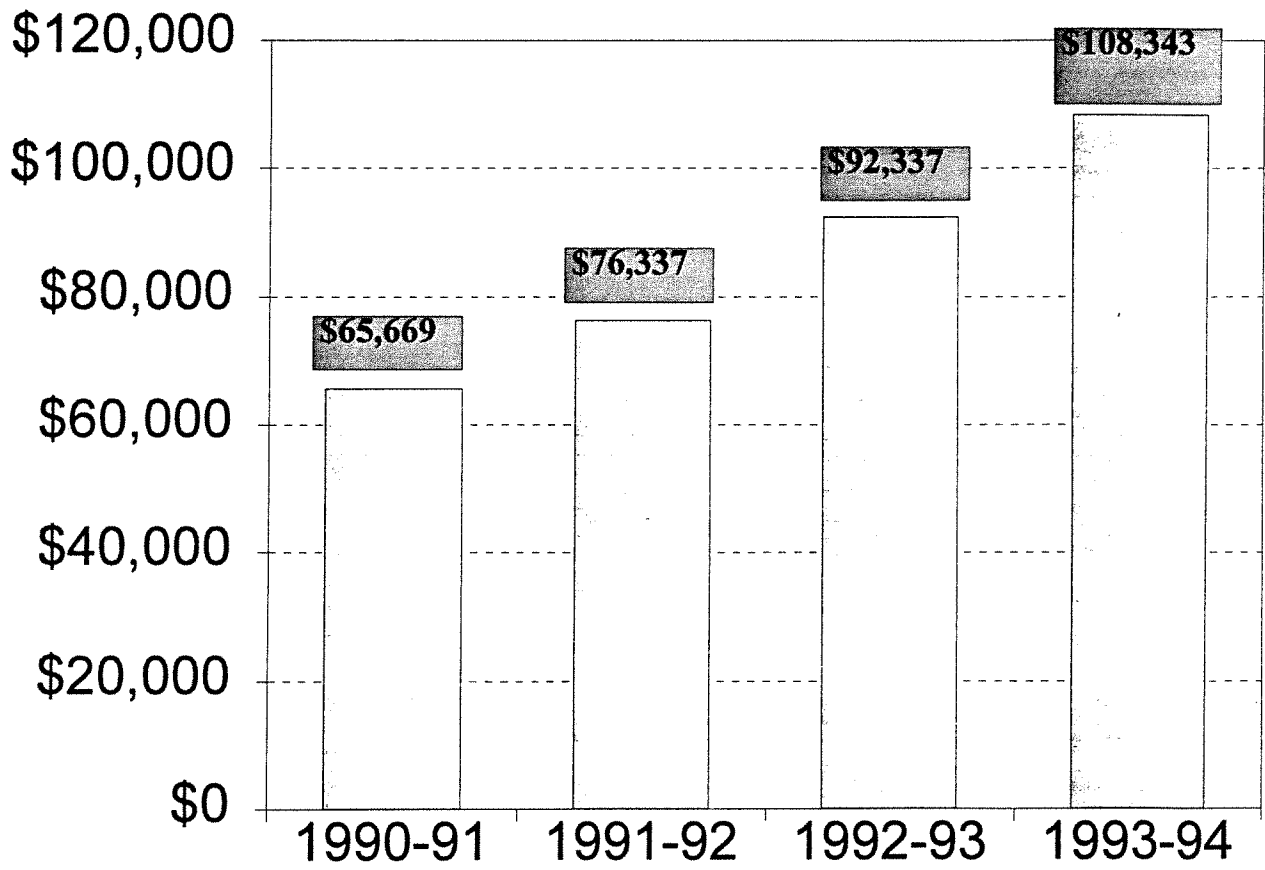
#### Future Plans and Space Requirements

It is my intention to significantly increase CORI's funded research in the area of global studies. The past year I focused on creating an appropriate infrastructure under the auspices of the Center for Global Studies. I believe that the Center is now well-situated to pursue its objectives. I would like to see CORI/Global Studies' funded research double in the next 5 years, and have requested additional client space. Assuming the moves associated with the projected construction of the Humanities and Social Science Building occur, CORI has been authorized to move its clients to vacated North Hall offices, expanding its space from 7,063 square feet to approximately 11,163 square feet (approximately 29 additional offices).

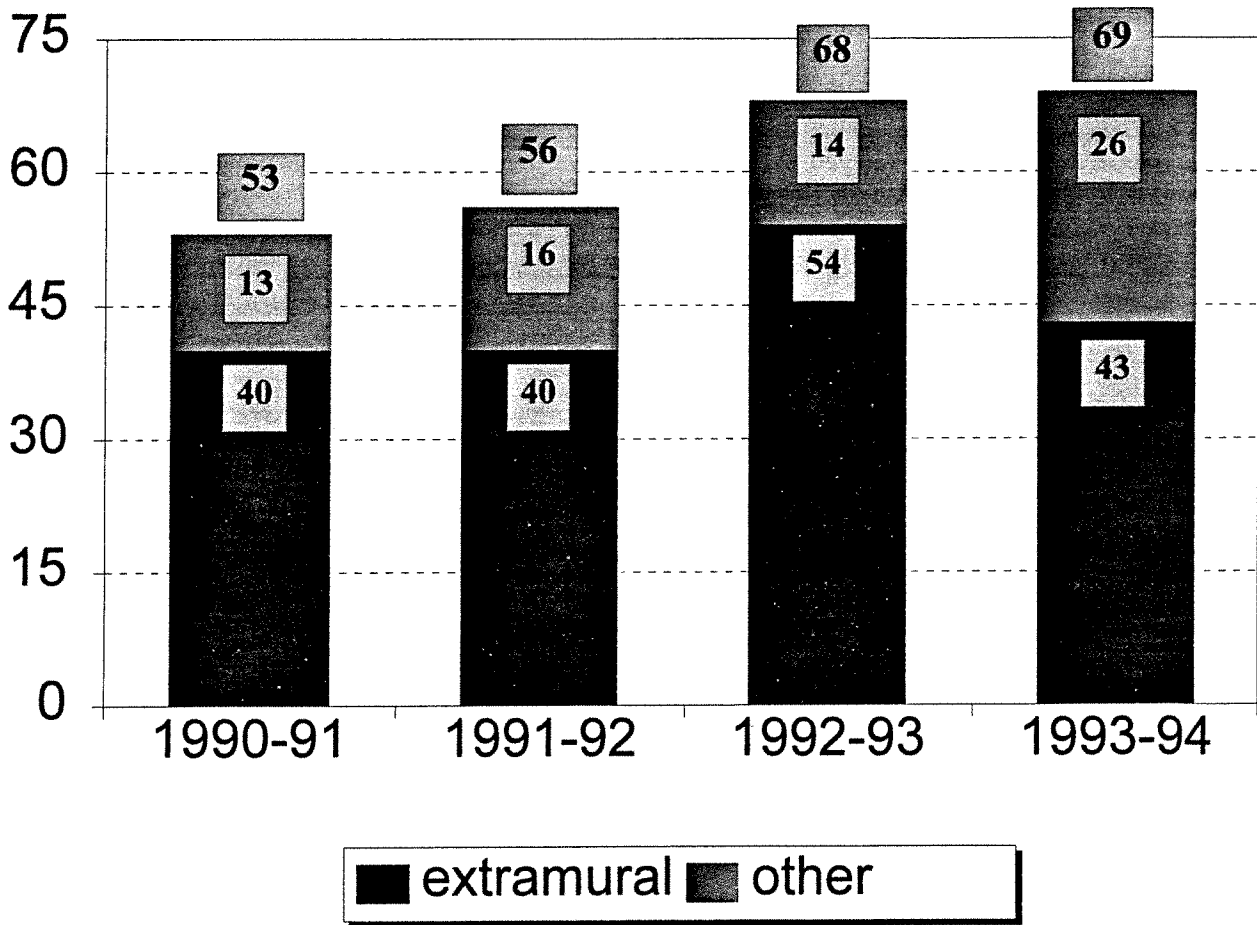
**Figure 1: Awards Activity**  
**Extramural and All Other Awards**  
 (millions of dollars)



**Figure 2: Average Award**

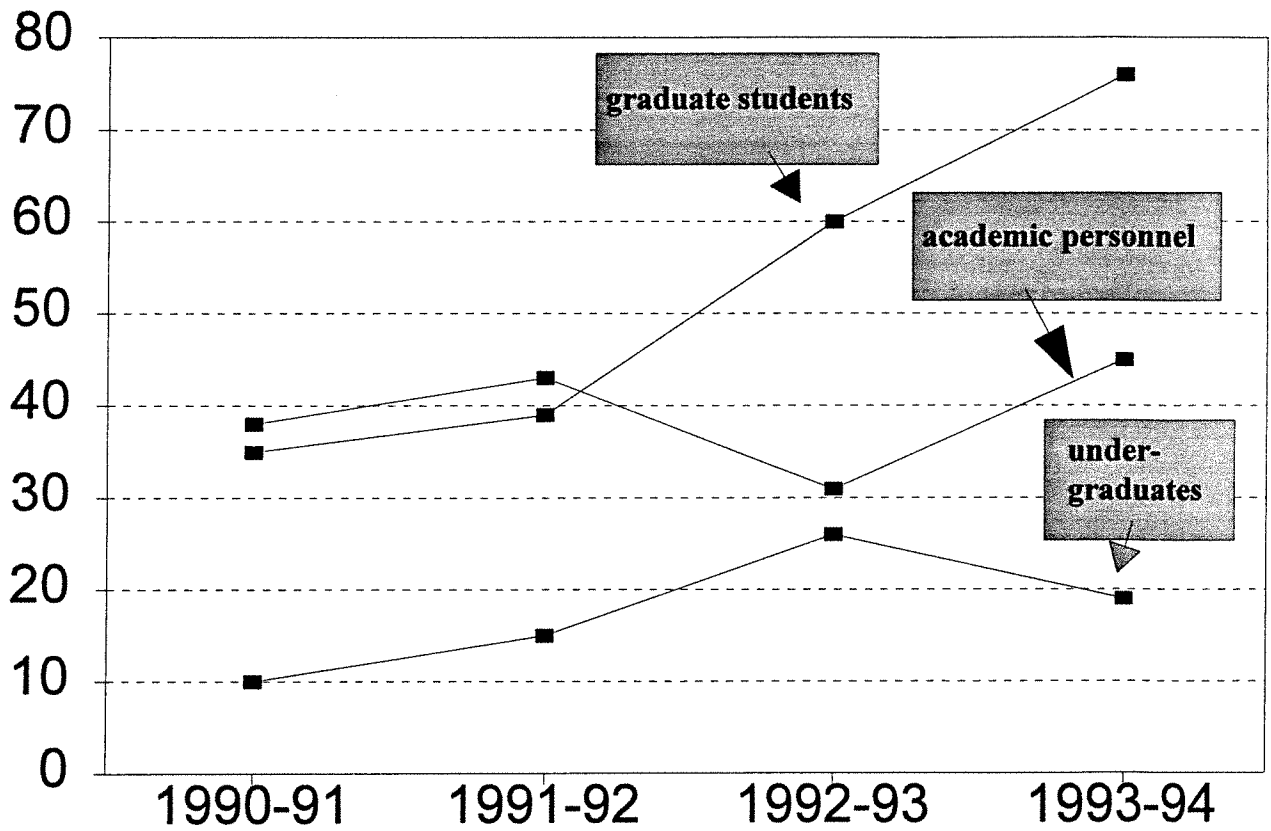


**Figure 3: Number Awards Administered  
Extramural and All Other Awards**

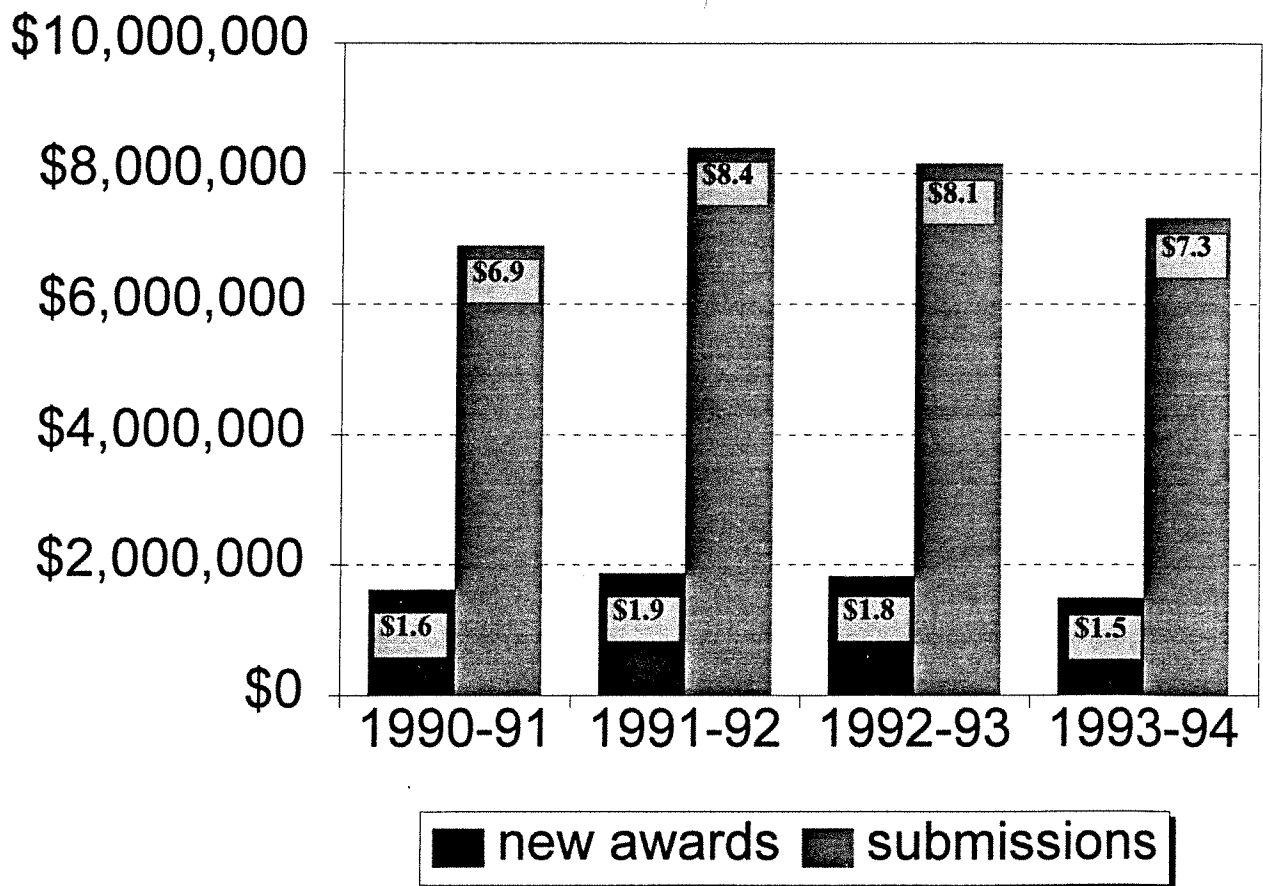




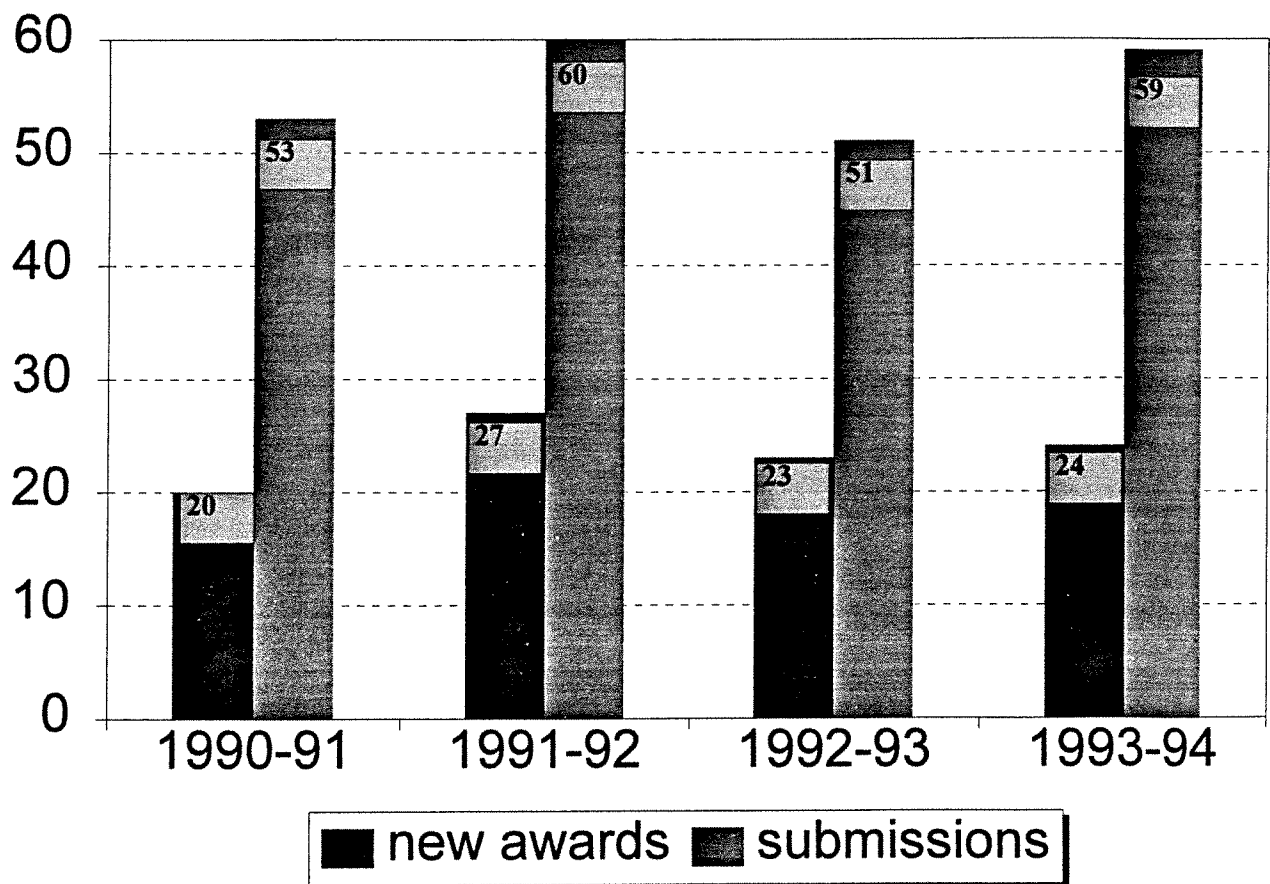
**Figure 4: CORI Researchers  
Academic, Graduate Students, Undergrad**



**Figure 5: Grants Submitted, Funded  
(amount in millions)**



**Figure 6: Grants Submitted, Funded**  
(number of proposals)



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## CORI RESEARCH CENTERS

### Center for Global Studies

Co-Director: Richard P. Appelbaum

Co-Director: Barbara Herr Harthorn

Activities in 1993-94. 1993-94 was in many respects a start up year for the Center for Global Studies at CORI, with focused development of CORI's research activities in the area of global studies as a primary directive. To accomplish this a new staff member was added in research development, several new initiatives planned for development, consultations in grant proposal development took place with a number of faculty that has eventuated or will eventuate in grant proposal submissions, development outreach was planned and implemented with a new CORI/CGS *Newsletter*, and planning begun for more ambitious development in the coming year. In addition a new interdisciplinary journal was founded with CGS as its home.

CORI Director Appelbaum began the year by consolidating startup funds and recruiting Harthorn to a newly created half-time academic position as Co-Director of Global Studies, which she began in November, 1993. Her arrival marked CORI's first foray into actual grant development, in addition to the grant administrative activities that have always been the unit's primary role. The Co-Directors of Global Studies spent part of this start-up year taking stock of past funding to the social sciences at UCSB, developing an electronic data base of social science faculty's retrospective and prospective research interests, and planning directions for future activities.

Consultation and development. In order to fully apprise researchers of funding opportunities, CORI/CGS arranged with the OR for consortium access to the electronic data base, IRIS, and Harthorn hired and trained a part-time research assistant whose main task is to perform manual and electronic fund searches for CGS clients and staff. Between January and June 1994, electronic fund searches were performed for 28 faculty members in the social sciences, and for a number of graduate students as well. For a subset of these (fewer than 10), extensive manual searches, each of which requires many hours of labor, were also performed.

In addition to fund searches, consultation with Harthorn over proposal preparation, in some cases very extensive, was conducted with 20 faculty. Of these faculty, 12 submitted proposals to CORI in 93-94, 4 will submit in the coming year, and 4 submitted elsewhere or individually rather than institutionally. A large international project which is administered by CORI was given intensive support and consultation by Harthorn, Appelbaum and research assistant Greg Scott. Another very ambitious (\$2.5 million) center proposal to the NIMH occupied CORI and CGS staff fully for nearly 2 months. Although the latter proved unsuccessful on this first application, the proposal will be revised for resubmission in the next available funding cycle and was given encouraging reviews. Another internally funded project for a large international conference was given extensive support, though changing political tides in Latin America have forced its deferral into the future.

Both Co-Directors are actively involved in their own fundraising activities for research projects with global studies foci with grants submitted through CORI. As a sequel to his UC Pacific Rim- and Haynes Foundation-funded research on Los Angeles, Appelbaum has begun a new project on Los Angeles as a Global City which is being submitted for extramural funding in the 94-95 year.

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In collaboration with Anthropology and Environmental Studies professor Susan Stonich, Harthorn submitted a proposal for a transnational study of Farmworker Health and Environmental Justice which is pending at UC NEXUS, and will be submitted to other funding agencies in 1994-95.

To stimulate more proposal activity and encourage research with a focus on global studies issues, a CORI/CGS *Newsletter* was created and 2 issues produced in 93-94. The aim will be to provide a quarterly newsletter with information on funding opportunities in global studies research, information on CORI/CGS activities and support available, and other relevant news. The newsletter is being widely disseminated on campus and thus far has drawn interest and praise from a number of faculty and members of the administration.

A call for seed funding proposals was issued in the 2nd issue of the newsletter, and this drew a small pool of proposals of which one was given seed funding. One other project was subsequently given matching seed funds with the Office of Research.

Initiatives. Using the data base of faculty interests compiled by Appelbaum and augmented in discussion with Harthorn, a number of potential collaborative projects were identified and development begun. The plan has been to foster cross-disciplinary collaboration on problems of key concern in the context of a globalizing economy. As of June 30, 1994, 3 such clusters of faculty and interests had been identified and initial meetings planned. Initial response and faculty participation has been excellent. During the coming year, Appelbaum and Harthorn plan to focus efforts on these "initiatives," provide significant grant development support, and see them to the stage of funded research.

Among the faculty who are currently actively working with the Center for Global Studies to generate new initiatives around the theme of globalization are: Mark Jurgensmeyer, Wade Clark Roof, Richard Hecht, Cynthia Kaplan, Howard Giles, Pat Clancy, and Sandy Thompson. Additional faculty will become involved in this process when we launch several new initiatives this fall.

Journal. *Competition and Change: The Journal of Global Political Economy*, is a new journal based at the Center for Global Studies and edited by Appelbaum that examines the changing nature of business organization in a highly competitive global economy. The journal draws on recent scholarship in business economics, political economy, organizational sociology, economic geography, international relations and developmental studies to explore the interplay of economic, political, and social forces contributing to global integration and regional fragmentation. Its board of editors is comprised of a highly diverse group of twenty distinguished international scholars, including Samir Amin, Alice H. Amsden, Robert Boyer, Martin Carnoy, Manuel Castells, Edward K.Y. Chen, Peter Dicken, Yves Doz, Gary Gereffi, Anthony Giddens, Gary Hamilton, Domenico Mario Nuti, Pang Eng Fong, Michael E. Porter, Saskia Sassen, Allen Scott, Kyoko Sheridan, Barbara Stallings, Ivan Szelenyi, Robert Wade, and Richard Whitley. The journal will feature articles on such topics as commodity chains and the changing international division of labor; the emergence and impact of international regulatory frameworks; national and regional economic policy; labor conditions and standards; the local impacts of global competition; organizational and technological innovation; the role of corporate and national cultures; geo-politics of economic transformation; dynamics of economic and business organizations; the future of the manufacturing

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industry; globalization and the future of the nation-state. 1993-94 saw its founding, the establishment of its board, and the planning of the first issue.

With little more than a half year of work by the full (though modest and only partial time-committed) CORI/CGS team, we are very pleased with the accomplishments of 93-94 and trust that 94-95 will bring to fruition many of the ideas and plans put in place in this initial period.

#### **Center for Advanced Study of Individual Differences**

Co-Director: Michael Gerber

Co-Director: Melvyn Semmel

The Center for Advanced Study of Individual Differences serves as a bridge between education and social science scholars interested in issues arising from both policy and practice for disabled individuals. It sponsors local, regional, state, national, and international research, advanced training, and model demonstration projects, particularly those that promote collaboration between education and social science scholars. Researchers associated with the Center are completing a five-year investigation of school environments as they related to desirable outcomes for disabled students. Individual pilot projects on math curriculum, school organization, and state testing reforms -- all as they related to disabled children -- also are currently underway. Multi-year research proposals to expand these projects will be submitted to USDOE this year. The Center's core staff includes Prof. Michael Gerber and Prof. Emeritus Mel Semmel, both of the Graduate School of Education. Five faculty from social science departments serve as informal liaisons for doctoral students seeking joint training in special education and social science under the auspices of the Center. Fifteen doctoral students and postdoctoral scholars who come to UCSB to collaborate on the Center's research, research development and research training projects are involved with the Center on an ongoing basis.

#### **Center for Evolutionary Psychology**

Co-Director: John Tooby

Co-Director: Leda Cosmides

For several years now, CORI has been administering John Tooby's NSF Presidential Young Investigator Award, which has supported the UCSB Laboratory of Evolutionary Psychology. John Tooby's PYI grant has been used to support work by Tooby, by his collaborator, Leda Cosmides, and by a group of about 15 graduate students. This year, CORI arranged for the Laboratory of Evolutionary Psychology to be granted Center status by UCSB. It is now the UCSB *Center for Evolutionary Psychology*, and is co-directed by Tooby and Cosmides. Creating this Center will facilitate interdisciplinary and collaborative research among those scholars at UCSB who are interested in evolutionary psychology (e.g., Don Symons, Don Brown, Napoleon Chagnon) by removing administrative roadblocks. The Center for Evolutionary Psychology's work currently falls into three categories: (i) experimental and theoretical work on evolution and cognition conducted at UCSB; (ii) cross-cultural field work conducted in Ecuador; and (iii) experimental work in evolutionary cognitive neuroscience, designed to explore the neural basis of psychological adaptations.

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For their work on the theoretical foundations of evolutionary psychology and the resulting empirical program, Leda Cosmides was awarded the 1993 *American Psychological Association Distinguished Scientific Award for an Early Career Contribution to Psychology in the area of Human Learning/Cognition*. During 93-94, Tooby and Cosmides' work was reported on in a number of places, including *The Economist*, *Science News*, *Science*, *US News and World Report*, and the *Times Literary Supplement* (London). The *Times Higher Education Supplement* (London) published their article on the evolution of domain-specific reasoning ("The lords of many domains"). This was part of a special section of the *THES* on "Evolution and the Human Sciences", which complemented a conference by the same name organized by Dr. Helena Cronin (LSE/Dept. of Zoology, Oxford) at the *London School of Economics*. Seven out of the 13 plenary speakers were authors of chapters in the Barkow-Tooby-Cosmides volume *The Adapted Mind: Evolutionary Psychology and the Generation of Culture*.

#### **Center for the Study of Discourse**

Co-Director: Sandra A. Thompson  
Co-Director: John Du Bois

The Center for the Study of Discourse, established in 1989, was conceived to be a forum for the Linguistics Department's project to establish a Corpus of Spoken American English, as well as a focus for ongoing research in the area of discourse across campus. The Center aims to coordinate and serve as a clearing house for interdisciplinary approaches to discourse research; to this end, the Center sponsors lectures and social events throughout the academic year. Several joint research projects are currently underway.

#### **Center for the Study of Religion**

Director: Wade Clark Roof

As its name implies, this center engages in research on religion utilizing perspectives from the social sciences and the humanities. The work of the center, at any given time, is shaped by projects that are funded for research. In addition, in a secondary way, the center provides assistance to students needing help with research projects or applying for grants. At present, there are two major projects: 1) A comparative study of Buddhists, Muslims, and Evangelical Christians in Southern California, funded by the Pew Charitable Trusts; and 2) A study of how religious and ethnic communities in Los Angeles responded to the uprisings of 1992 and are rebuilding a civic culture, funded by the Haynes Foundation. Work on both of these projects continues in the coming year.

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**Health Data Research Facility**

Participants: Ron Williams, Director  
Peter Chen, Programmer Analyst  
John Marinko, Programmer Analyst  
Ellen Needham, Programmer Analyst  
Niloufar Ameli, Programmer Analyst  
Julie Kluss, Secretary

Over the last decade, the Health Data Research Facility has become internationally known as a center for applied research using vital statistics in public health data. The Health Data Research Facility is recognized as a source of expertise in the growing field of perinatal epidemiology, and has been credited with providing greater validity to the use of vital statistics records as a source of data for medical research. The Facility's short run objectives are to continue its development, implementation and dissemination of the Automated Vital Statistics System (AVSS) software which was developed at the Facility, and to further enhance methods for generating the data for research on births and perinatal and neonatal mortality. Now operational in nearly 300 sites in four states, AVSS is an on-line public health information system that electronically captures and communicates vital records and communicable disease data. Real-time data from AVSS is expected to drive immunization tracking systems that are beginning to evolve as a result of the Clinton Administration's public health initiatives. In addition to these efforts, the Health Data Research Facility annually publishes the Maternal and Child Health Data Base Descriptive Narrative which is used by hundreds of community-based agencies as well as by the Department of Health Services, the Office of Statewide Health Planning and Development, Kaiser Permanente, Bank of America, and Consumers Union.

**MesoAmerican Research Center**

Director: Anabel Ford

The MesoAmerican Research Center represents an interdisciplinary group of social science researchers who work in the greater MesoAmerican arena, primarily Mexico, Guatemala, and Belize, but also upper Central America. The strongest research commitments are to focus on interdisciplinary and collaborative research in the region. Towards this goal, the anthropological research of Dr. O'Connor in Northern Mexico demonstrated ethnographic ties to religious studies. Dr. Bove and Dr. Love's research on the prehistory of the South Coast of Guatemala is complementary and collaborative. Dr. Love is presently on a teaching Fulbright in Guatemala. The development work in change and adaptation of subsistence technologies of Dr. Stonich in Central America is broadly interdisciplinary and collaborative. Another major research program is that of Dr. Ford. Her archaeological research in Belize has evolved a character of its own. Incorporating an eclectic interdisciplinary and international group of professionals from the social and biological sciences, Dr. Ford's project at El Pilar is presently poised to open a bi-national border park between Belize and Guatemala.



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**WORKSHOPS, SEMINARS, AND CONFERENCES**
**Econometrics Seminars****Douglas Steigerwald, Workshop Coordinator**

Richard Baillie	May 25, 1994	USC	Empirical Behavior of Exchange Rates
Tim Vogelsang	May 16, 1994	Cornell	Testing for the Structure of GNP
Quang Vuong	April 14, 1994	USC	Empirical Validity of Auction Theory
Weiren Wang	March 16, 1994	Kentucky	Two-Step Instrumental Variables Estimation

**Center for the Study of Religion****Wade Clark Roof, Director**

Plans are being made for a conference to be held on the UCSB campus in October of 1994.

**Competition Policy in a Global Economy Conferences****William Comanor, Conference Director****Tokyo, Japan: April 19/94 - April 22, 1994**

Attending this conference, which was funded from a grant from the Japan Foundation, were leading scholars from Japan, the US, Canada, and Europe. In attendance were:

- Akira Gota, Department of Economics, Hitotsubashi University, Tokyo, Japan
- A. Edward Safarian, Business Economics, Center for International Studies, University of Toronto, Ontario, Canada
- Kotaro Suzumura, Professor of Economic Systems Analysis, Institute of Economic Research, Hitotsubashi University, Tokyo, Japan
- Annette, Bongardt, International Center for Economic Research, Torino, Italy
- Werner Meissner, Johann Wolfgang Goethe University, Frankfurt, Germany
- Edward Safarian, Center for International Studies, University of Toronto, Ontario, Canada
- Leonard Waverman, Center for International Studies, University of Toronto, Ontario, Canada
- Eleanor Fox, School of Law, New York University, NY
- Calvin Goldman, University of Toronto, Ontario, Canada
- Stephen Martin, Department of Economics, European University Institute, Florence, Italy

**Beijing, China: April 25, 1994 - April 28, 1994**

In attendance at this second "Competition Policy in a Global Economy" conference were:

- Akira Gota, Department of Economics, Hitotsubashi University, Tokyo, Japan
- A. Edward Safarian, Business Economics, Center for International Studies, University of Toronto, Ontario, Canada

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Kotaro Suzumura, Professor of Economic Systems Analysis, Institute of Economic Research,  
Hitotsubashi University, Tokyo, Japan  
Annette, Bongardt, International Center for Economic Research, Torino, Italy  
Leonard Waverman, Center for International Studies, University of Toronto, Ontario, Canada  
Stephen Martin, Department of Economics, European University Institute, Florence, Italy  
Neil Campbell, McMillan Binch, Barristers & Solicitors, Toronto, Ontario, Canada  
Hiroyuki Odagiri, Institute of Socio-Economic Planning, University of Tsukuba, Ibaraki, Japan  
Janusz Ordoover, CV Starr Center for Applied Economics, New York University, NY

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**RESEARCH IN PROGRESS  
JULY 1993-JUNE 1994**

**APPELBAUM, RICHARD, Principal Investigator**

**BUTLER, Edgar W. (Department of Sociology, UCR), Co-Principal Investigator**

**CHON, SOOYHUN (East-West Center, University of Hawaii) , Co-Principal Investigator**

**FUKURAI, HIROSHI (Board of Studies in Sociology, UCSC) , Co-Principal Investigator**

**SCOTT, ALLEN (Department of Geography; Director, Lewis Center for Regional Policy Studies, UCLA), Co-Principal Investigator**

**SMITH, DAVID (Department of Sociology, UCI), Co-Principal Investigator**

**“Commodity Chains and Industrial Districts in the Pacific Rim: A Comparative Study of Three Industries”**

**Pacific Rim Research Program: APPELBAUM/PAC RIM**

**7/1/90-6/30/94**

This project examines three industries in California, northern Mexico, and the East Asian Pacific Rim: garment, electronic, and jewelry manufacturing in Seoul (South Korea), Taipei (Taiwan), Hong Kong, Tijuana (Mexico), Bangkok (Thailand), Guangdong Province (China), and Los Angeles. All three tend to hire at the lowest-wage end of the workforce (women, ethnic minorities). All rely on highly fragmented production systems involving decentralized networks of many different firms performing highly differentiated activities. All exemplify the "flexible production" required for rapid market response, achieved through elaborate subcontracting arrangements, face-to-face contacts, and a high degree of personalized trust. The research, which combines case studies with an analysis of the geographical correlates of trade patterns, examines the interplay of "globalizing" and "localizing" forces which are reshaping these industries, and -- we believe -- lie at the foundation of the changing geography of capitalism, both across and within countries. GIS is employed to map changing trade flows between countries for selected commodities. Research is now complete on most aspects of this project; the grant will be closed out with a conference in early December, in which the Co-PI's, post-docs, graduate research assistants, and others connected with the project will present papers for inclusion in an edited collection.

**APPELBAUM, RICHARD, Principal Investigator**

**BONACICH, EDNA, Co-Principal Investigator (UCR)**

**“Garment Manufacturing in Los Angeles: Race, Ethnicity, Immigration, and Gender in a Changing Industry”**

**Haynes Foundation/Appelbaum**

**7/1/94-12/31/94**

The city of Los Angeles is experiencing a widening divide between rich and poor, a divide that has a distinctly racial and ethnic character. Part of the reason for the widening divide is the restructuring of the economy on a global scale. U.S. capital is moving overseas, especially to Asia and the Caribbean region (including Mexico, Central America, and the Caribbean islands) to take advantage of lower labor costs, along with other benefits. Los Angeles has suffered from significant deindustrialization, with the loss of steel, automobile, and tire factories. The new jobs that have surfaced tend to be concentrated in services which are, themselves, economically and

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racially polarized. Paradoxically, however, the region has experienced a form of reindustrialization -- the growth of minimum-wage "sweatshop" industries with a largely immigrant workforce. Foremost among these is the apparel industry, which has surpassed aerospace in employing some 135,000 workers in more than 5,000 small factories in Los Angeles county alone. Our research examines the organization of this industry, focusing on four levels: the retailers who merchandise the final products; the manufacturers who design them, for sale to retailers; the contractors who own the factories and fabricate the goods, under elaborate and often informal arrangements with manufacturers; and factory workers. We examine the importance of ethnicity in this process, noting that retailers and manufacturers are largely white Americans, contractors are largely Asian, and workers are largely Latino. We explore the relationship between the domestic structure of the industry and global subcontracting, and the problems this poses for achieving social equity in the industry. Finally, we explore policy solutions to the problems we identify. A final has been written to the Haynes Foundation, and a book MS will be completed this year.

**BADASH, LAWRENCE, Principal Investigator**

**NEUSHUL, Peter, Co-Principal Investigator**

**"Harvesting the Pacific: A Comparative Study of Maricultural Policy in the US, China, Japan, and the Philippines"**

**Pacific Rim Research Program: UCSB 08930539**

**7/1/94-6/30/95**

Several countries on the western border of the Pacific Rim have thriving mariculture industries. Nations on the eastern shore do not, due largely to an absence of information and a lack of effective marine science and technology policy. We propose to collect information on macroalgal mariculture in Japan, China, and the Philippines, with the goal of encouraging technology transfer and the creation of appropriate policies to support such an industry in the US and Latin America.

**BIELBY, WILLIAM T., Principal Investigator**

**DENISE BIELBY, Co -principal Investigator**

**"From Market to Hierarchy: Industrial Change and the Employment Relation in Television Production"**

**National Science Foundation: NSF SES89-10039**

**8/1/89-9/30/93**

The principal investigators have examined how changing industrial and organization context, technology, and business conditions shape the organization of work and careers in prime time television production. In particular, they focused on the causes and consequences of a shift in the television writer's employment relation from *market*-based freelance arrangements to *hierarchically*-based staff arrangements. Hypotheses were derived from transaction cost theories of industrial organization, models of cumulative advantage in career trajectories, and recently developed approaches to the study of the production of popular culture.

**BOOK, RONALD V., Principal Investigator**

**"State Evolution on the South Coast of Guatemala"**

**National Science Foundation: NSF BNS-9108926**

**8/1/93-7/31/95**

This research project investigates the foundational issues in the theory of computation with emphasis on structural complexity theory. The research is based on the assumption that the notion of randomness is a potentially useful tool to learn about complexity theory. To a large extent it is

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directed toward learning about unrelativized complexity classes (e.g., P, NP, PSPACE). The research presupposes that randomness is a useful tool with which to study complexity theory and is based on a collection of results that focus on properties of complexity classes specified by random oracles; these results lead very naturally to similar questions about complexity classes specified by pseudorandom oracles.

**BOVE, FREDERICK, Principal Investigator**  
**“Structural Complexity Theory”**

**National Science Foundation: CCR-9302057**  
**7/15/91-8/31/93**

Previous research on the Pacific Coast of Guatemala has produced evidence of the local development of an early state-like polity centered at Balberta which gave way to a more permanent regional organization by the Late Classic period. This project examined the unit by focusing on social and political variables as expressed in settlement pattern changes and economic variables dealing with production and exchange, and relationships to the greater sociopolitical context. A two year field and laboratory project of regional survey, mapping, and methodological excavations provided a body of data to comprehend the origins of the state in this poorly known area.

**BOVE, FREDERICK, Principal Investigator**  
**“State Evolution on the Pacific Coast of Guatemala”**

**National Endowment for the Humanities: RK2003093**  
**5/1/93-4/30/94**

This project is the final phase of a long-term regional archaeological program centered on investigating state evolution on the South Coast of Guatemala. The proposal requests support principally to complete various analyses in order to produce several major publications. The first is to publish the results of a significant excavation and survey program of the Los Chatos-Manantial central core complex whose express purpose was to examine Classic period state evolution. These results are tied directly to the second publication whose primary goal is the integration of all of the prior research to produce a synthesis of Classic period cultural evolution in a critical, but poorly known area of Mesoamerica. Yet another will be an important monograph covering a new regional ceramic and chronological study of the Guatemala Pacific Coast in order to revise the excellent but now outdated study of Parsons (1967).

**COMANOR, WILLIAM , Principal Investigator**  
**“Competition Policy in a Global Economy”**

**The Japan Foundation: AR91-0051**  
**3/1/92-1/31/95**

This project brings together leading scholars in Japan, the USA, the European Community and Canada in a project aimed at analyzing conflicts in domestic competition policies and designing a set of policy alternatives to ease real friction and to improve trade and FDI flows and innovations. The research will analyze the underlying economic and strategic meaning of domestic competition law in a global economy.

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**DEACON, ROBERT , Principal Investigator**  
**“Political Stability, Security of Tenure, and Natural Resource Conservation in Developing Countries”**

**National Science Foundation: SES91-21859**  
**4/1/92-3/31/94**

This research is studying the way tropical forests are used in developing countries, and is assessing empirically how stable political and legal institutions affect observed measures of the way these resources are used. Empirical analysis, based on the theoretical framework, will compare the principal hypothesis to two alternatives: that tropical deforestation and similar phenomena are caused by the process of economic growth; and that the primary cause of these outcomes is population pressure.

**DEACON, ROBERT , Principal Investigator**  
**“The Political Economy of Natural Resources in Use in Developing Countries: Selected Studies”**

**National Science Foundation: SBR-9223315**  
**4/1/92-3/31/95**

The aim of the research is to enhance knowledge of the political determinants of insecure ownership and to quantify the environmental effects that result. Through seven empirical studies, the principal investigator will examine resource development and extraction, and the effect of ownership insecurity on the frequency and structure of transactions involving natural and environmental assets. The objects of analysis are the pattern of deforestation that results from commercial logging, the incentive to invest in plantation forests, the mix of commercial products obtained from forests, the extent of fossil fuel exploration in developing countries, and the rate at which fossil fuel resources are extracted.

**DE CANIO, STEPHEN J., Principal Investigator**  
**“A Retrospective Analysis of Environmental Investments”**

**Environmental Protection Agency: 822823-01-0**  
**5/16/94-11/15/95**

Corporate decision rules for prospective investment projects typically involve projections of costs, future revenue streams, and risks. The finance and management literatures are rich in specifications of how to evaluate investments to maximize the profitability of the firm. However, in many cases environment-enhancing investments, such as installation of devices to increase energy efficiency or to decrease toxic byproducts, appear to satisfy all the criteria for profitable investment, yet these projects are not undertaken. Many of the barriers and some possible solutions have been explored in the literature. One extremely important and relevant body of data has not been carefully examined, however. A retrospective analysis of voluntary investments in energy efficiency and waste reduction to other sorts of projects would be *decisive* in persuading managers the “green” projects can be a powerful engine to improve competitiveness.

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**DE CANIO, STEPHEN J., Principal Investigator****“Dynamics of the Industrial Phaseout of Ozone Depleting Substances, and the Role of Recycling and ODS Banks in Minimizing Costs and Disruptions”****Environmental Protection Agency: X822616-01-0****4/11/94-4/10/95**

The international effort to preserve the stratospheric ozone layer is entering its final, critical phase. Much of the regulatory framework for eliminating ozone depleting substances (ODSs) is in place, with the notable exception that methyl bromide is not yet on a phaseout schedule. It remains to be determined how existing stocks of ODSs (particularly Halons and refrigerants) will be managed to minimize costs and disruptions associated with the ending of production of these controlled substances. At the same time, an opportunity exists to solidify the international consensus on protection of the ozone layer that has been so carefully built over the past decade. Important lessons about industrial response to the Montreal Protocol remain to be drawn and generalized to other pressing global environmental problems.

**DE CANIO, STEPHEN J., Principal Investigator****“US Information Agency 1993 University Affiliations Program”****US Information Agency: G3190504****9/1/93-8/31/96**

This proposal is aimed at promoting faculty research and teaching interchange. The goal of the program is to encourage the initiation, development and continuation of collaborative research and training projects involving teams of faculty and graduate students, as well as selected undergraduate students, from our institutions. The research and teaching should focus on a common set of theoretical and/or applied problems. The specific subject area for the collaborative effort is an exploration of the linkages and synergies between economic development and environmental protection. Increasing the general material standard of living is a policy goal commanding nearly universal agreement. Maintaining a healthy economic growth rate is particularly important for the well-being of the populations of the developing nations. Yet economic growth poses its own challenges. Historically, growth has been linked with increases in levels of certain types of pollution, including atmospheric emissions that may alter the global climate unfavorably.

**DOUGLASS, JOHN A., Principal Investigator****BROWNLEE, W. ELLIOT, Co-Principal Investigator****“Facing California’s Future: An Historical Analysis of Higher Education Policymaking Since the 1990 Master Plan”****National Academy of Education: UCSB08940098****7/1/93-6/30/95**

This research is a two-year study of higher education policymaking in California since the development in 1960 of the California Master Plan for Higher Education. The project is interdisciplinary in methodology, combining historical analysis with theories of policymaking and organizational behavior. This case study will provide an important base of information and analysis useful for: 1) Scholars interested in the general fields of education policy and the history of higher education; 2) Policymakers and administrators in higher education; and 3) California lawmakers and their staffs currently engaged in a major review of the purpose and future of higher education in California. Because of the tremendous influence of the 1960 Master Plan in all subsequent state level and campus level policymaking, an historical analysis is essential for analyzing the range of

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options available to California for maintaining a mass based and quality higher education system appropriate for the twenty-first century.

**FORD, ANABEL, Principal Investigator**

**“Household Economic Organization and Community Integration: The Basis of Social Complexity in the Central Maya Lowlands”**

**National Science Foundation: NSF BNS91-21701**

**1/1/92-6/30/94**

Building on a solid regional data base on the archaeological settlement in the Belize River area, this research has developed an interpretation of the operation of regional, local and community tiers of ancient Maya society. This principal investigator has completed intensive excavations at representative residential units and evaluated production and consumption within and between major landform zones by residential size and rank.

**FORD, ANABEL , Principal Investigator**

**“Environmental and Social Distinctions in Chipped Stone Assemblage at Residential Units in the Belize River Area”**

**(REU Supplement to Grant No. BNS-9121701)**

**National Science Foundation: NSF DBS-912701**

**3/1/92-6/30/94**

Supplemental funds were provided to undergraduate honors student Greg Morre to support research on the chipped stone assemblages from ancient Maya house sites. His work was in collaboration with the Dr. Ford's BRASS project.

**FUKUI, HARUHIRO, Principal Investigator**

**“Informal Politics, Democracy, and Patterns of Economic Development in China, Japan, South Korea, and Taiwan”**

**Pacific Rim Research Program: FUKUI/PAC RIM**

**7/1/90-6/30/94**

This project is designed to investigate forms and functions of informal politics, i.e, politics not subject to control by formal authorities. In the first phase, (1991-92), a set of papers were prepared on informal politics of elite recruitment in China, Japan , South Korea, and Taiwan. A joint symposium was held in Hong Kong in August 1992 and papers presented at the symposium are being revised for future publication..

**GERBER, MICHAEL M., Principal Investigator**

**SEMMEI, MELVIN I., Co-Principal Investigator**

**“SE/PREP: A Project for Doctoral-Level Leadership Personnel Preparation in Collaboration with the Social Sciences”**

**U.S. Department of Education: H029D20030**

**9/1/92-8/31/97**

This five year project will develop a new doctoral training model at UC Santa Barbara for preparing researchers, teachers, trainers, and administrative leaders in the field of education for individuals with disabilities. During this first year, project faculty have recruited doctoral students who wish to pursue careers related to education of individuals with disabilities, and have established a national network of university programs with large ethnic minority student enrollments to refer potential leadership trainees. In addition, graduate students on this campus



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have been recruited to serve as research mentors for minority undergraduates. The mentorship/recruitment program will provide early research experience for potential doctoral students as well as research leadership training for students enrolled in the doctoral program.

**GERBER, MICHAEL M., Principal Investigator**  
**SEMMELE, MELVIN I., Co-Principal Investigator**  
**“Post-Doctoral Leadership Training Program in Special Education”**  
**U.S. Department of Education: H029D90107**  
**9/1/93-8/31/95**

The project is devoted to offering advanced postdoctoral training to researchers, administrators, practitioners and teacher trainers who are interested in enhancing leadership roles in areas related to the education of handicapped/at-risk children. Emphasis is placed on integrating theory, policy and practice from various fields representing the social, behavioral and medical sciences toward realizing the objectives of PL 94-142 and other relevant legislation for handicapped youth.

**INGHAM, JANIS, Principal Investigator**  
**“Predicting Therapy Outcome in Children Who Stutter”**  
**CAL STATE FULLERTON: 8120**  
**9/1/93-8/31/95**

This project is part of a grant funded by the National Institute of Health which is being directed by Dr. Glyndon Riley of the California State University of Fullerton. Dr. Ingham will be designing and conducting a range of procedures for treatment of stuttering in children at the UCSB Speech and Hearing Clinic. She will also design and conduct the principal investigations, train the research assistants and clinical specialists from UCSB and Cal State Fullerton in regard to Extended Length of Utterance Treatment procedures, and oversee the assessment and treatment of children at the clinic. Dr. Ingham and a speech and hearing specialist will collect and analyze speech samples obtained from on and off-clinic sites.

**INGHAM, ROGER, Principal Investigator**  
**“Time Interval Investigations of Stuttering Measurement”**  
**National Institute of Health: PHS 5 R01 DC00060-03**  
**12/1/90-6/30/94**

This grant, currently in its third year, has been investigating procedures, via the use of artificial neural networks, that will possibly lead to a means of identifying intervals of speech that judges agree contain stuttering. The goal of this research is to develop a reliable method for measuring chronic stuttering in the continuous speech of persons with this speech disorder.

**JOCHIM, MICHAEL, Principal Investigator**  
**“Regional Settlement Systems in Southwest Germany”**  
**National Science Foundation: NSF BNS92-01023**  
**2/1/92-7/31/95**

This project is the initial phase of a long-term study of regional patterns of settlement and land use during the Paleolithic, Mesolithic and Neolithic of southwestern Germany. This first phase has two components: 1) the development of a database of archaeological, environmental, paleoenvironmental, and modern land use information for a 40 x 100 kilometer study area extending from the Danube south to the Alps; and 2) a surface survey of a 45 square kilometer portion of the study area adjacent to the Federsee.

**KAPLAN, CYNTHIA, Principal Investigator**  
**“Political Participation in the Soviet Union: Estonia and the RSFSR”**  
**National Science Foundation: NSF SES9122389**  
**2/1/92-1/31/95**

By using a two stage sample drawn from ethnically diverse areas of the former Soviet Union, this research is assessing the influence of structural and cultural factors on the nature of mass-elite relations in the emergence of new political systems. Respondents to a survey drawn from Estonia, Russian and the non-Russian Autonomous Republics of the RSFSR are being examined for the impact of ethnicity on political behavior during a period of economic and political change.

**KAPLAN, CYNTHIA, Principal Investigator**  
**BRADY, HENRY, Co-Principal Investigator**  
**“Russian Nationalism and the Politics of Transition”**  
**U.S. Institute of Peace: USIP04992F**  
**4/1/93-11/30/95**

This project will examine Russian nationalism and ethnicity in Russia, Tatarstan, and Estonia, based on survey interviews administered in 1991 to almost 20,000 respondents in those areas, and 6,500 survey interviews taken in 1992. The researchers will compare the nature and development of Russian nationalism in Russia, Tatarstan, and Estonia, and provide an assessment of the potential for nationalist violence and how policies can be devised for resolving ethnic conflicts peacefully.

**LOOMIS, JACK, Principal Investigator**  
**GOLLEDGE, REGINALD, Co-Principal Investigator**  
**KLATZKY, ROBERTA, Co-Principal Investigator**  
**“Navigation Aid for the Visually Impaired”**  
**Public Health Service: R01EY06740**  
**8/1/92-7/31/97**

This project consists of both basic and applied research. The applied research will be concentrated on developing a microcomputer-based navigation aid for the visually impaired. This device will inform the visually impaired user of his or her location and provide information about the local environment. The basic research will examine the inherent limitations on navigation without sight and the implications, whether positive or negative, of device-aided navigation for learning about complex environments.

**MCDONNELL, LORRAINE, Principal Investigator**  
**“Assessment Policy and Education Policy”**  
**UC Los Angeles (CRESST): R117G10027**  
**12/1/92-11/30/94**

As part of the previous work undertaken for CRESST, the principal investigator is examining the implementation of four state assessment initiatives in local schools and classrooms. This study focuses on the expectations that policy makers hold for different assessment strategies and the factors that shape local response to those initiatives.

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**MITHUN, MARIANNE, Principal Investigator****“Barbareno Chumash Grammar”****National Science Foundation: NSF BNS-9011018****11/1/92-10/31/94**

The goal of this project is to prepare a functionally-based reference grammar of Barbareno Chumash. The research participants have organized manuscripts and have been entering them into a computer in a form that can be sorted by a concordance program, making it possible to extract all instances of morphemes in the corpus, in context, with literal and free translations. During the final year of the project, these studies will be worked into a comprehensive grammar of the Barbareno Chumash language.

**ROOF, WADE CLARK, Principal Investigator****“Biography and Faith: Narrative Accounts”****Lilly Endowment, Incorporated: Lilly 910575****9/1/91-8/31/93**

This principal investigator has studied baby boomers (born from 1946-62) through an in depth examination of their religious and spiritual lives. This research has analyzed how baby boomers' social experiences from growing up in the 1960s influenced their attitudes, and how those experiences continue to shape their values and form a distinct generational experience. One aspect of the research has focused on what the words "religious" and "spiritual" mean to boomers. Another aspect has reviewed their occupational histories and how these work experiences and choices have been shaped by their particular spiritual values.

**ROOF, WADE CLARK, Principal Investigator****“Renegotiating the Social Contract: Religion and Public Life in Los Angeles”****John Randolph & Doris Haynes Foundation: Haynes Fnd/Roof****1/1/93-6/30/94**

This project has focused on the activities of religious leaders as they work with other community leaders to create civic peace within Los Angeles' racially diverse culture, and how these activities have been shaped by the 1992 riots. The objectives include an examination of the political and economic roles of religious leaders and their interaction with community leaders on schooling, policing and economic development issues, the degree of cooperation among religious leaders and the models of community and regional development to which they are committed, and finally, an analysis of the rhetoric used by religious leaders as they communicate across cultural boundaries on the pressing needs of their community.

**ROOF, WADE CLARK, Principal Investigator****“Religious Outsiders on the West Coast”****The Pew Charitable Trusts: PRE CTR TR****12/2/92-12/31/95**

The purpose of this research is to study religious groups regarded as "outsiders" and their relationships to other groups viewed as religious "insiders," as they have emerged on the California West Coast. Three groups are singled out for focused consideration--Buddhists, Muslims, and Evangelical Christians. The research will include: 1) a historical study of how these groups have evolved; 2) an analysis of cultural and religious styles; 3) an analysis of how "outsiders" are perceived by old-line Protestants, Roman Catholics, and Jews; and 4) an analysis of views of selected community leaders, religious leaders, seminary presidents, and journalists.

**SCHREIBER, KATHARINA, J., Principal Investigator**  
**“Preliminary Archaeological Investigation of the Site of Taruga, Peru”**  
**The J. M. Kaplan Fund: KAPLAN/SCHREIBER**  
**6/1/94-10/31/94**

The Nasca Civilization of Peru (AD 1-750) is very well known for its spectacular ceramic art, yet only recently has archaeological research focused on the people of Nasca, their settlements, and their political complexity. The proposed study includes three phases: 1) Detailed mapping of the surface architecture will allow the definition of different building forms, and to identify domestic and public areas of the site; 2) Detailed recording of surface artifacts will allow the assessment of the growth of the site during various phases, and its eventual abandonment; and 3) Test excavations will provide data to support the functional assessments made during the mapping phase, and the temporal assessments made during the surface recording phase. Test excavations will also provide information on the current state of preservation of the archaeological deposits, given extensive looting of the site, as well as an evaluation of the presence and condition of organic remains. Finally, test excavations will provide stratigraphic data allowing corroboration of temporal phases, until now based primarily on changes in ceramic style.

**SONSTELIE, JON, Principal Investigator**  
**“Effect of Land Use Policies on Pricing of Land”**  
**US Department of Agriculture: 433AEM380135**  
**9/29/93-11/15/94**

This project estimates the effects of land use policies on land values. Land prices reflect the effects of public policies. Sound policy decision making requires systematic measurement of effects of policies that influence land values. In particular, information regarding the connection between land use policies, such as easement programs and preferential farm real estate tax assessments, and land values are needed to evaluate the effect of environmentally-oriented policies on land values and the wealth of the farm sector.

**STONICH, SUSAN, Principal Investigator,**  
**BORT, JOHN, Co-Principal Investigator (East Carolina University)**  
**“The Social and Environmental Consequences of Shrimp Mariculture Development in**  
**Central America”**  
**Pacific Rim Research Program: PAC RIM/Stonich**  
**7/1/92-6/30/94**

The principal investigators are studying the interrelated social, economic, and environmental effects of the expansion of shrimp mariculture along the Pacific Coast of Central America. Using an approach which integrates ethnographic, geographic and survey methods, this research combines human ecological and political-economic analysis to determine the multilevel linkages between social processes and environmental destruction and the associated policy implications. This project is designed to facilitate planning of larger interdisciplinary proposals which will be submitted to a variety of private and public agencies..

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**SUTTON, JOHN , Principal Investigator**

**“Prisons, Asylums and the Welfare State: Patterns of Social Control in Five Common-Law Countries”**

**National Science Foundation: NSF SES-9122424**

**7/1/92-6/30/95**

This project is a comparative study of inmate capacities in prisons and mental hospitals against the background of welfare politics in five common-law countries (the U.S., the United Kingdom, Canada, Australia, and New Zealand) over the period 1955-1985. The study is assembling quantitative data on institutional capacities, welfare benefits, and other independent variables. Dynamic models of institutional growth and decline are being estimated, using pooled time-series cross-section techniques.

**THOMPSON, SANDRA, Principal Investigator**

**DUBOIS, JACK, Co-Principal Investigator**

**CHAFE, WALLACE, Co-Principal Investigator**

**“Corpus of Spoken American English”**

**National Endowment for the Humanities: RT2143392**

**7/1/92-6/30/95**

This project will create a large computerized database of 1 million words of spoken American English, and disseminate it in both a printed and an interactive microcomputer format that will allow simultaneous access to transcription and sound. This database is expected to generate a broad range of new research in language and speech. The creation of the Corpus of Spoken American English will be coordinated with a worldwide effort to compile an International Corpus of English.

**TOOBY, JOHN, Principal Investigator**

**“PYI: Evolutionary Biology and Human Psychological Adaptation”**

**National Science Foundation: BNS-9157449**

**James S. McDonnell Foundation: Matching Funds for PYI Award BNS9157449**

**7/1/92-7/31/96**

The research plan for this project encompasses the mapping of human cognitive mechanisms (adaptive specializations) through the application of cognitive experimental methods and cross-cultural studies to models of adaptive problems derived from evolutionary biology and paleoanthropology. Specific adaptive problems being investigated include cooperation, coalition formation, threat interpretation, bluff detection, probabilistic reasoning, incest avoidance, and contagion avoidance.

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**WALKER, PHILLIP , Principal Investigator**  
**“Native American Graves Protection and Repatriation Act of 1990”**  
**Department of the Navy: N69711-92-LT-2023**  
**9/21/92-12/1/93**

The purpose of the San Clemente Island Native American Graves Protection and Repatriation Act project is to inventory and summarize all archaeological collections that have been removed from San Clemente Island. In addition, the project will determine who, if anyone, is culturally affiliated with these collections in preparation for future repatriation of the archaeological materials. The project entails contacting every museum or facility that curates San Clemente Island materials, visiting the collections to perform the inventory and/or summary, and creating a final report on the research.

**WILLIAMS, RONALD , Principal Investigator**  
**“Maternal and Child Health Database” (Renewal)**  
**California Department of Health: MCH 91-12638**  
**7/1/92-6/30/94**

Research continues on the Maternal and Child Health Database project, initiated in 1976. Efforts will be concentrated on maintaining and augmenting the hospital specific MCH Database for California cities. An updated Maternal and Child Health Data Base Statistical Appendix and Descriptive Narrative will be made available annually for the funding period.

**YANG, MAYFAIR , Principal Investigator**  
**“Voluntary Associations and the Emergence of Civil Society in China”**  
**National Science Foundation: NSF BNS-9057505**  
**8/15/90-7/31/94**

This Presidential Young Investigator Award project is in its second year of funding. During this funding period, the Principal Investigator has been concentrating on two field sites and two fieldwork topics. The first topic has focused on the lineage organization and ritual revival in a rural town outside the city of Wenzhou, Zhejiang Province and the second on film criticism and reception among the masses in urban and rural Xi'an, Shaanxi Province.

**ZIMMER, JULES, Principal Investigator**  
**HO, HSIU-ZU, Co-Principal Investigator**  
**“A Longitudinal and Cross-National Study: An Investigation of Stable and Modifiable**  
**Factors that Influence Mathematical Achievement”**

This project was designed to study factors that influence mathematics achievement. Schools in China, Japan, Taiwan and the United States participated in the study. Unique features of the study was the use of rural and urban populations in all countries and the use of both cross-sectional and longitudinal data. Data on mathematics achievement, attitudes, and questionnaires from parents, teachers and students were jointly developed among participating members and formed the basis for analysis. Our results are varied and interesting. Among the many findings, we concluded that that while we concur with other international studies that U.S. children lag behind Asian children in mathematics achievement, the casual relationship argued in the literature is not supported by our data. Illustratively, the literature suggests that the curriculum in Asian schools provide a greater opportunity for students in those schools than does the U.S. curriculum for U.S. children. Our data shows that even when U.S. children are exposed to material, they do not learn it to the degree that Asian children do. Conversely, Asian children who do not have certain topics in their curriculum,

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when confronted with this material are able to solve problems not solved by U.S. children who have had the opportunity to learn. A unique factor with the U.S. population is the degree of mobility. In our two year follow-up, almost 30% of the U.S. children had left the school for another location, while almost 100% of the Asian children were in the same school and typically with the same cohort of children.

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**PUBLICATIONS**  
**JULY 1993 - JUNE 1994**

**MARK ALDENDERFER**

National Geographic Society

H. John Heinz III Charitable Trust

National Center for Geographic Information and Analysis

University of California Santa Barbara Academic Senate

*Publications*

Cronologia y Definicion de Fases Arcaicas de Asana, Sur del Peru. M. Aldenderfer. Chungara. Vol:22. Arica, Chile. 1994

Dental Microstructure Analysis as a Means of Age/Seasonality Estimations. M. Aldenderfer. Perspectivas Teoricas y Metodologicas para el Estudio Arquilogico de los Camelidos Andinos. Universidad de Buenos Aires. Tilcara, Argentina. 1994.

Domestic Architecture, Ethnicity, and Complementarity in the South-Central Andes. M. Aldenderfer (ed). University of Iowa Press:Iowa City, IA. 1993.

Ritual, Hierarchy, and Change in Foraging Societies. M. Aldenderfer. Journal of Anthropological Archaeology 12:1-40. 1993.

Domestic Architecture, Household Archaeology, and the Past in the South-Central Andes. Domestic Architecture, Ethnicity, and Complementarity in the South-Central Andes. M. Aldenderfer and C. Stanish. M. Aldenderfer (ed). University of Iowa Press: Iowa City, IA. 1993, pp. 1-12..

Domestic Space, Mobility and Ecological Complementarity: The View from Asana. M. Aldenderfer. Domestic Architecture, Ethnicity, and Complementarity in the South-Central Andes. pp 13-24. M. Aldenderfer (ed). University of Iowa Press: Iowa City, IA. 1993.

*Presentations, Lectures*

On the Origins of Settled Village Life in the Andean World. Toward Village Life: The Origins of Settled Communities. Society for American Archaeology meetings. April 1994.

**RICHARD APPELBAUM**

Pacific Rim Research Program

John Randolph and Doris Haynes Foundation

*Publications*

Multiculturalism and Flexibility: Some New Directions in Global Capitalism. R. P. Appelbaum. In Multiculturalism? A. Gordon and C. Newfield (eds). University of Minnesota Press:Minneapolis. In Press.

Power and Profits in the Apparel Commodity Chain. R. P. Appelbaum and G. Gereffi. In Global Production: The Apparel Industry in the Pacific Rim. E. Bonacich, L. Cheng, N. Chinchilla, N. Hamilton, and P. Ong (eds). Temple University Press: Philadelphia, PA. 1994.

Commodity Chains and Industrial Restructuring in the Pacific Rim: Garment Trade and Manufacturing. R. P. Appelbaum, D. Smith, and B. Christerson. In Commodity Chains and Global Capitalism. G. Gereffi and M. Korzeniewicz (eds). Greenwood Press:Westport, CT. 1993.



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- The Use of GIS to Measure Spatial Patterns of Ethnic Firms in the Los Angeles Garment Industry. C. Arnold and R. P. Appelbaum. In Anthropology Through Geographic Information and Analysis. H. Maschner and M. Aldenderfer (eds). Oxford University Press:New York. In Press.
- Development of the Semiconductor Industry in Korea: A Commodity Chain Analysis. S. Chon. Under review at the International Journal of Urban and Regional Research. 1994.
- Destroying the Myth of Vertical Integration in the Japanese Electronics Industry. S. Chon. In Press.
- Global and Local Subcontracting: Space, Ethnicity, and the Organization of Apparel Production. B. Christerson and R. P. Appelbaum. In Press.
- Competitive Advantage and Global Garment Production: An Analysis of Trade Flow. B. Christerson. International Regional Science Review. In Press.
- Variations on the Theme of Agglomeration and Growth: The Gem and Jewelry Industry in Los Angeles and Bangkok. A. Scott. Geoforum. In Press.
- The Geographic Foundations of Industrial Performance. A. Scott. Competition and Change. In Press.
- Travelogue: Observations on Garment Working in Los Angeles, Vietnam, Macau, and Hong Kong. G. Scott and R. Appelbaum. In Multiculturalism? A. Gordon and C. Newfield (eds). University of Minnesota Press:Minneapolis. In Press.
- A Tale of Two Cities: The Garment Industry in Los Angeles. R. P. Appelbaum and E. Bonacich. Report to the Haynes Foundation:Los Angeles, CA. 1994.
- Mapping a Global Industry: Apparel Production in the Pacific Rim Triangle. E. Bonacich and D. V. Waller. In Global Production: The Apparel Industry in the Pacific Rim. E. Bonacich, L. Cheng, N. Chinchilla, N. Hamilton, and P. Ong (eds). Temple University Press:Philadelphia, PA. 1994.
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- Immigrant Enterprise and Labor in the Los Angeles Apparel Industry. L. James, M. Soldatenko, G. Scott, and E. Bonacich. In Global Production: The Apparel Industry in the Pacific Rim. E. Bonacich, L. Cheng, N. Chinchilla, N. Hamilton, and P. Ong (eds). Temple University Press:Philadelphia, PA. 1994.

### ***Presentations, Lectures***

- Exploiting Migrants: The L.A. Garment Industry and Global Restructuring. K-S. Chin, S-T. Soccero, and D. Smith. 1994. Annual Meetings of the American Sociological Association. 1994.
- Managing Exile in the 'Working Class' of the Los Angeles Garment Industry. G. Scott. (Winner of 1st prize in the Society for the Study of Social Problems --Racial and Ethnic Minorities Division Graduate Student Paper Competition.) UCSB Interdisciplinary Humanities Center conference, "Los Angeles: City of Exile". University of California Santa Barbara. Santa Barbara, CA. February 1994.

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**LAWRENCE BADASH**  
**Universitywide Energy Research Group**

*Publications*

Scientists and the Development of Nuclear Weapons. L. Badash. Humanities Press. Atlantic Highlands, NJ. In Press.

**DENISE BIELBY/WILLIAM BIELBY**  
**National Science Foundation**

*Publications*

The Hollywood 'Graylist'? Audience Demographics and Age Stratification Among television Writers. In Current Research on Occupations and Professions (Creators of Culture). Vol: 8. M. G. Cantor and C. Zollars (eds). Jai Press:Greenwich, CT. 1993

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*Presentations*

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Aging in the Television Industry. Academy of Television Arts and Sciences Conference. William Bielby, panelist. Age has a Future: Maturity and the Media. William Bielby, panelist. Co-sponsored by the Television Academy, the American Association of Retired Persons, the UCLA Center on Aging, and the Motion Picture and Television Fund. North Hollywood, CA, September 11, 1993.

**RONALD V. BOOK**  
**National Science Foundation**

*Publications*

A View of Structural Complexity Theory. R. Book and W. Watanabe. Current Trends in Theoretical Computer Science. pp. 451-468. G. Rozenberg and A. Salomaa (eds). World Scientific Publishing. 1993.

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- Additional Queries and Algorithmically Random Languages. R. Book. Complexity Theory: Current Research. pp. 69-82. K. Ambos-Spies, S. Homer, and U. Schoning (eds). Cambridge University Press. Cambridge, UK. 1993.
- An Observation on Probability Versus Randomness with Applications to Complexity Classes. R. Book, J. Lutz, and K. Wagner. Mathematical Systems Theory. pp. 201-209. 1994.
- Relativizing complexity classes with random oracles. R. Book. STACS-94 Lecture Notes in Computer Science 775. pp. 403-414. Springer-Verlag Publishing Co. Abstract 1994.
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- The Global Power of Additional Queries to Random Oracles. R. Book, J. Lutz, and D. Martin. Information and Computation. In Press.
- On the Robustness of ALMOST-R. R. Book and Mayordomo. RAIRO Informatique Theorique et Applications. In Press.
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### ***Presentations, Lectures***

- Fachbereich Informatik and Mathematik. Universitat Trier. Trier, Germany. March 1994.
- Intensive Short Course on Computational Complexity Theory. Graduiertenkolleg, Fachbereich Informatik. Universitat des Saarlandes. Saarbrucken, Germany. March 1994.
- Institut fur Informatik. Universitat Wurzburg. Wurzburg, Germany. February 1994.
- On Collapsing the Polynomial-Time Hierarchy. Complexity and Structure. Interationales Begegnungs- und Forschungszentrum fur Informatik. Scholl Dagstuhl. Germany. February 1994.
- Relativizing Complexity Classes with Random Oracles. ISAAC-93: The Fourth Annual International Symposium on Algorithms and Computation. Hong Kong. December 1993.
- Complexity Classes and Random Oracles. Joint Barcelona-Ulm Workshop on Computational Complexity Theory. Barcelona. September 1993.

### **ROBERT DEACON** **National Science Foundation**

#### ***Publications***

- Deforestation and the Rule of Law in a Cross Section of Countries. Land Economics. In Press.
- Estimating the Demand for Public Goods: Comments and Extensions. R. Deacon and P. Shapiro. Using Contingent Valuation to Measure Non-Market Values. D. Bjornstad (ed). In Press.
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***Presentations, Lectures***

- Panelist, U. S. Environmental Protection Agency Socioeconomics Review Panel. Washington, D. C. June 1994.
- Deforestation and the Rule of Law in a Cross Section of Countries. University of Washington. Seattle, WA. June 1994.
- Estimating the Demand for Public Goods: Comments and Extensions. R. Deacon and P. Shapiro. DOE/EPA Workshop on Using Contingent Valuation to Measure Non-Market Values. Washington, D. C. May 1994.
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- Deforestation and the Rule of Law in a Cross Section of Countries. Department of Economics, UC Santa Barbara. Santa Barbara, CA. April 1994.
- Deforestation and the Rule of Law in a Cross Section of Countries. Louisiana State University. Baton Rouge, LA. March 1994.
- Deforestation and the Rule of Law in a Cross Section of Countries. Washington State University. Pullman, WA. February 1994.
- The Economics of Biodiversity. Panelist, American Economic Association, AERE Session. Boston, MA. January 1994.

**JOHN A. DOUGLASS****Spencer Foundation*****Publications***

- On Becoming an Old Blue: Santa Barbara's Controversial Transition from a State College to a Campus of the University of California. In Coastlines, pp 6-11. Spring 1994.

***Presentations, Lectures***

- The University of California and Four Periods of Fiscal Crisis: 1868-1960. UC Group in Economic History. Berkeley. April 1994.
- Major Transitions in the History of UC. J. A. Douglass and W. E. Brownlee. University of California Academic Planning Retreat. Tiburon, CA. Fall 1993.
- A Master Plan Brief. Address to the California State University President, Berry Munitz. Long Beach, CA. November 1993.
- Engineering the Dream: Politics and Policy in California Higher Education, 1850 to the 1960 Master Plan. Book in Progress.

**ANABEL FORD****MesoAmerican Research Center/MARC****National Science Foundation*****Publications***

- Obsidian Procurement and Distribution in the Tikal-Yaxha area of the Central Maya Lowlands. A. Ford, F. Stross, F. Asaro, and H. V. Michel. Ancient Mesoamerica. 1994.

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- Women in Mesoamerican Archaeology: Why are the Best Men Winning? In Women Working in Archaeology. C. Claassen (ed.). University of Pennsylvania Press, Philadelphia. 1994.
- Volcanic Ash in Ancient Maya Ceramics of the Limestone Lowlands: Implications for Prehistoric Volcanic Activity in the Guatemala Highlands. Journal of Volcanology and Geothermal Research. 1994.
- Critical Resource Control and the Rise of the Classic Period Maya. In Maya Sustainability, S. L. Fedick, (ed.). University of Utah Press. 1994.
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- Crecamiento de Poblacion y Complejidad Social: Un Examen de Asentamiento y Medio Ambiente de las Tierras Bajas Mayas Centrales. Monographo, Centro de Investigaciones Regionales de Mesoamerica, Guatemala. A. Ford. In Press.
- Rediscovering the Ancient Maya Center of El Pilar: Initiating a Program to Develop an Interpretive Archaeological Reserve in Belize. Proceedings of La Mesa Redonda, Palenque, edited by V. Bricker.

#### ***Presentations, Lectures***

- Central Lowland Maya Settlement: Regional Patterns and Local Variations. Belize: Coming into Sharper Focus. University Museum, Philadelphia. 1994.
- Integration Among Communities, Centers, and Regions: Organization of the Maya of the Belize River Area. 59th Annual Meetings of the Society for American Archaeology, Anaheim. 1994.
- Hierarchical Integration of Agrarian Communities: A Maya Example. Complex Society Group, Arizona State University, Tempe. 1993.
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#### ***Archaeological Field and Laboratory Experience***

- Detailed Mapping and Architectural Excavations of a Major Maya Center. BRASS-El Pilar. Director, Spring 1994.

**MICHAEL M. GERBER**

**MELVYN I. SEMMEL**

**US Department of Education**

#### ***Publications***

- Why do Educational Reform Commissions Fail to Address Special Education? M. M. Gerber and M. I. Semmel. Commissions, Reports, and Reforms: Fashioning Educational Policy in the 1980's and Beyond. R. Ginsberg and D. Plank (eds). Praeger Press. In Press.
- Case Studies of Schools Varying in Effectiveness with Mildly Handicapped Learners. B. Larrivee, M. I. Semmel, and M. M. Gerber. SERL Working Paper. In Press.
- Computer-Based Dynamic Assessment of Multidigit Multiplication. M. M. Gerber, D. S. Semmel, and M. I. Semmel. Exceptional Children. In Press.
- Postmodernism in Special Education. M. M. Gerber. Journal of Special Education, 28(3):263-283. In Press.

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- Chasing Average at the Educational Summit. M. M. Gerber. Santa Barbara News-Press, Santa Barbara, CA. February 18, 1994.
- The Effects of Story Prompts on Narrative Production of Students with and without Learning Disabilities. A. Graves, M. I. Semmel, and M. M. Gerber. Learning Disabilities Quarterly. 17(2):154-164. 1994.
- The Social Context of Dunn: Then and Now. D. L. MacMillan, M. I. Semmel, and M. M. Gerber. The Journal of Special Education (Special Issue). 27(4):466-480. 1993.
- Twenty-five Years after Dunn's Article: Policy Analysis Research in Special Education. M. I. Semmel, M. M. Gerber, and D. L. MacMillan. The Journal of Special Education (Special Issue). 27(4):481-495.

### ***Presentations, Lectures***

- The Reform Context of Identification and Labeling of Learning Disabilities. M. Gerber. Learning Disabilities Association. Westmont College. Santa Barbara, CA. April 1994.
- DynaMath. M. Gerber, M. Semmel, and D. Semmel. Annual Meeting of the American Educational Research Association. New Orleans, LA. April 1994.
- DynaMath. M. Gerber. Cognition and Perception Seminar (CAPS). University of California Santa Barbara. November 1993.
- Teacher Decision Making and the Inclusion of Students with Disabilities in General Education Settings: Tolerance Theory. M. Gerber. Colloquium for the Department of Special Education. West Virginia University. October 1993.

## **HARUHIRO FUKUI**

### **Pacific Rim Research Program**

### **Publications**

- Papers on US-Japan policy coordination presented by project participants at various meetings are being edited by Haruhiro Fukui and M. Stephen Weatherford for publication as a book.
- Papers on informal politics in East Asia presented at various meetings are being edited by Haruhiro Fukui and Lowell Dittmer for publication in two books

### **Presentations, Lectures**

- H. Fukui, Chair. Panel on The State and Society in Contemporary East Asia: Informal Politics in China, Korea, and Japan A.. American Political Science Association (APSA) Annual Meeting 1990. San Francisco, CA. August 30-September 2, 1993.
- Leadership and Informal Politics in Post-Mao China. L. Dittmer. The State and Society in Contemporary East Asia: Informal Politics in China, Korea, and Japan A.. American Political Science Association (APSA) Annual Meeting 1990. San Francisco, CA. August 30-September 2, 1993.
- The State-Society Nexus: The Workings of Informal Politics in South Korea. K. Hwang. The State and Society in Contemporary East Asia: Informal Politics in China, Korea, and Japan A.. American Political Science Association (APSA) Annual Meeting 1990. San Francisco, CA. August 30-September 2, 1993.
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- Political Science Association (APSA) Annual Meeting 1990. San Francisco, CA. August 30-September 2, 1993.
- H. Fukui, Chair. Panel on Patterns of Informal Politics and Economic Development in the People's Republic of China, Taiwan, and South Korea in Regional Perspective. AAS Annual Meeting. Los Angeles, CA. March 1993.
- Korea's Construction Industry: The Impact of Informal Politics on the Allocation of Resources. S. Chon. Patterns of Informal Politics and Economic Development in the People's Republic of China, Taiwan, and South Korea in Regional Perspective. AAS Annual Meeting. Los Angeles, CA. March 1993.
- The Political Economy of Leadership in Reform China: Macro and Micro Informal Politics Linkages. L. Dittmer and Y. Wu. Patterns of Informal Politics and Economic Development in the People's Republic of China, Taiwan, and South Korea in Regional Perspective. AAS Annual Meeting. Los Angeles, CA. March 1993.
- The Kuomintang-owned Enterprises (KOES) and Economic Development: Parasites or Adhesive? T-J. Cheng. Patterns of Informal Politics and Economic Development in the People's Republic of China, Taiwan, and South Korea in Regional Perspective. AAS Annual Meeting. Los Angeles, CA. March 1993.
- The Political Economy of Electoral Keiretsu: Cases and Interpretations. H. Fukui and S. N. Fukai. AAS Annual Meeting 1994: March 24-27, Boston

## ROGER INGHAM

### National Institute of Health

#### *Publications*

- The Neuropsychology of Stuttering: Are There Implications for Clinical Management? R. I. Ingham. The Neuropsychology of Stuttering. pp. 177-198. E. Boberg (ed). University of Alberta:Edmonton. 1993.
- On Stuttering and Global Ischemia: Interpretation and Validity of Findings Reported by Pool et al (1991). P. T. Fox, J. L. Lancaster, and R. J. Ingham. Letter to the Editor. Archives of Neurology. 50:1287-1288. 1993.
- The Reliability of Observational Data: II. Issues in the Identification and Measurement of Stuttering Events. A.K. Cordes and R. J. Ingham - equal first authorship. Journal of Speech and Hearing Research. 37: 279-294. 1994.
- Stutterers' self-ratings of how natural speech sounds and feels. P. Finn and R. J. Ingham. Journal of Speech and Hearing Research. 37:326-340. 1994.
- Stuttering modification and changes in phonation: Observations on findings from recent reports. M. L. Gow and R. J. Ingham. Letter to the Editor. Journal of Speech and Hearing Research. 37:343-345.
- Time interval measurement of stuttering: Effects of interval duration. A. K. Cordes and R. J. Ingham. Journal of Speech and Hearing Research. 37:779-788. 1994.
- Time interval measurement of stuttering: Effects of training with highly-agreed or poorly-agreed exemplars. A. K. Cordes and R. J. Ingham. Journal of Speech and Hearing Research. In Press.
- Judgments of stuttered and nonstuttered intervals by recognized authorities in stuttering research. A. K. Cordes and R. J. Ingham. Journal of Speech and Hearing Research. In Press.
- Identifying the onset and offset of stuttering events. R. J. Ingham, A. K. Cordes, J. Costello Ingham, and M. L. Gow. In Press.

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Stuttering includes both within-word and between-word disfluencies. A. K. Cordes and R. J. Ingham. Letter to the Editor. In Press.

Cortical motor-system abnormalities during stuttering: A PET study of solo and chorus paragraph reading. P. T. Fox, R. J. Ingham, J. Costello Ingham, J. L. Lancaster, T. Glass, T. H. Downs, T. Hirsch, C. Martin, and P. Jerabek. *Nature*. In Press.

***Presentations, Lectures***

Phonation Interval Modification During Chorus-Reading: I. Normal Speakers. M. L. Gow and R. J. Ingham. American Speech-Language-Hearing Association Convention. Anaheim, CA. November 1993.

Phonation Interval Modification During Chorus-Reading: II. Persons Who Stutter. M. L. Gow and R. J. Ingham. American Speech-Language-Hearing Association Convention. Anaheim, CA. November 1993.

Stuttering Measurement: Problems, Developments, and the Promise of a Solution. A. K. Cordes and R. J. Ingham. American Speech-Language-Hearing Association Convention. Anaheim, CA. November 1993.

Solving the Stuttering Measurement Problem: Where are the Experts When they are Needed? R. J. Ingham. Symposium on Stuttering Measurement in Honor of Bruce Flanagan. Manhattan, KA. June 1994.

Methods and Issues in Recent Studies on Drug Treatments for Stuttering. R.J. Ingham. Symposium on Pharmacologic Treatment of Stuttering. XIX Collegium Internationale Neuro-Psychopharmacologicum Conference. Washington, D.C. June 1994.

A Review of Some Controversial Issues Concerning the Efficacy of Stuttering Therapy. R. J. Ingham. First World Congress on Fluency Disorders. Munich, Germany,. August 1994.

**CYNTHIA S. KAPLAN**  
**National Science Foundation**

***Publications***

Eastern Europe. C. S. Kaplan and H. E. Brady. Referendums Revisited. D. Butler and A. Ranney (eds). American Enterprise Institute: Washington, D. C. 1994.

New Forms of Political Participation. C. S. Kaplan. Public Opinion and Regime Change: The New Politics of Post-Soviet Societies. pp. 153-167. A. Miller, W. Reisinger, and V. Hesli (eds). Westview Press: Boulder, CO. 1993.

***Presentations, Lectures***

Referendums in Eastern Europe. C. S. Kaplan and H. E. Brady. Midwest Political Science Association Annual Meeting. Chicago, IL. April 1994.

Estonia: A Profile of Two Communities. Conference on Democracy and Ethnopolitics. Riga, Latvia. March 1994.

Estonia: A Common Political Space. C. S. Kaplan and H. E. Brady. National Meetings of the American Association of the Advancement of Slavic Studies. Honolulu, HA. November 1993.

Nationalism and Political Participation in Estonia from 1983 -1991: Mobilized or Autonomous Participation? C. S. Kaplan and H. E. Brady. American Political Science Association Annual Meeting. Washington, D. C. September 1993.



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**JACK LOOMIS**  
**REGINALD GOLLEDGE**  
**ROBERTA KLATZKY**  
**Public Health Service: The National Eye Institute**

***Publications***

Personal guidance system for the visually impaired using GPS, GIS, and VR technologies. Loomis, J. M., Golledge, R. G., and Klatzky, R. L. Proceedings of the Conference on Virtual Reality and Persons with Disabilities. Millbrae, CA. 1993.

Auditory distance perception of translating observers. Speigle, J. M. and Loomis, J. M. Proceedings of IEEE Symposium on Research Frontiers in Virtual Reality. San Jose, CA. 1993.

***Presentations, Lectures***

J. M. Loomis. Conference on Challenges of 3-D Interaction. Boston, MA. April 1994.

Auditory maps as alternatives to tactual maps. R. G. Golledge, J. M. Loomis, and R. L. Klatzky, (Paper read by Don Parkes). Symposium on Maps and Graphics for the Visually Impaired. Sao Paulo, Brazil. February 1994.

Auditory Distance Perception of Translating Observers. J. M. Speigle, and J. M. Loomis. IEEE Symposium on Research Frontiers in Virtual Reality. San Jose, CA. October 1993.

Path integration: A Neglected Form of Human Navigation. J. M. Loomis, R. L. Klatzky, and R. G. Golledge, (Paper read by Loomis). Seventh International Conference on Event Perception and Action. Vancouver, B. C., Canada. August 1993.

***Public Demonstrations and Public Relations***

Articles about the Personal Guidance System for the Visually Impaired, which is one of the foci of our research project, appeared in the October 1993 issue of Popular Science and in the December 1993 issue of Popular Mechanics.

We gave a public demonstration of our Personal Guidance System in November, 1993. This was attended by local TV, radio, and print media and resulted in a fair amount of local publicity.

In April, 1994, we held a second demonstration of our system, this time for, Beyond 2000, a the television program, and for Pulse of the Planet, a program that appears on Public Radio.

In June 1994, Jack Loomis and Reg Golledge attended the 75th Anniversary of the Braille Institute of Los Angeles where we met with the public and talked about our navigation system.

In addition, Loomis and Golledge gave two local talks about the system, one to the UCSB Computer Science Department and one to a UCSB student engineering group.

**LORRAINE MCDONNELL**  
**Department of Education/UCLA CREST**

***Publications***

Assessment Policy as Persuasion and Regulation. L. McDonnell. American Journal of Education. 102(4). August 1994.

Policymaker's Views of Student Assessment. L. McDonnell. RAND:Santa Monica, CA. 1994.

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***Presentations, Lectures***

Two Dimensions of Equity. Annual Conference of the National Center for Research on Evaluation, Standards, and Student Testing. University of California Los Angeles. Los Angeles, CA. 1993.

The Problems of Establishing Educational Delivery Standards. Joyce Lecture Series. University of Chicago. Chicago, IL. April 1994.

**JOHN SUTTON****National Science Foundation*****Presentations, Lectures***

Imprisonment in the Welfare State: Evidence from Five Common-Law Countries. World Congress of Sociology. Bielefeld, Germany. July 1994.

**MARIANNE MITHUN****National Science Foundation*****Publications***

General Characteristics of North American Indian Languages. M. Mithun. Handbook of North American Indians. Vol. 17: Languages. I. Goddard, (ed.). Smithsonian Institute. Washington, D. C.

The Affixation of Pronouns. M. Mithun. Grammatical Categories and Grammaticalization. S. Romaine and N. Vincent (eds.) Philological Society and Blackwell's:London. In Press.

Hokan Languages. M. Mithun. The Encyclopedia of Language and Linguistics. Pergamon Press and Aberdeen University Press:Edinburgh. In Press.

The Shifting Status of Initial Glottal Stop in Barbareno Chumash. M. Mithun, T. Ono, and S. Wash. Proceedings of the Hokan-Penutian Conference. Survey of California and Other Indian Languages:Berkeley. 1993.

Final Glottalization in Barbareno Chumash and Its Neighbors. T. Ono, S. Wash, and M. Mithun. Proceedings of the Hokan-Penutian Conference. Survey of California and Other Indian Languages:Berkeley. 1993.

***Presentations, Lectures***

The Regression of Sibilant Harmony in Barbareno Chumash. John Peabody Harrington Conference. Smithsonian Institute. Washington, D. C. 1993.

Preparing Answers to the Questions we do not Yet Know How to Ask. Presidential Address, Society for the Study of the Indigenous Languages of the Americas (SSILA). American Anthropological Association. Washington, D. C. 1993.

The Decline of Linguistic Diversity: An Intellectual Loss for Us All. Invited lecture, Faculty of Letters. University of Hokkaido. Sapporo, Japan. 1993.

The Principled Emergence of Contrastive Glottal Stop in Barbareno Chumash. M. Mithun, T. Ono, and S. Wash. Hokan-Penutian Conference. Ohio State University. Columbus, OH. 1993.

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The Shifting Status of Initial Glottal Stop in Barbareno Chumash. M. Mithun, T. Ono, and S. Wash. Proceedings of the Hokan-Penutian Conference. Survey of California and Other Indian Languages: Berkeley. 1993.

Areal Implications of Expressive Coda Glottalization in Southern California. M. Mithun, T. Ono, and S. Wash. Hokan-Penutian Conference. Ohio State University. Columbus, OH. 1993.

***Presentation by Suzanne Wash of Dr. Mithun's Research Group***

Harrington's Notations and Linguistic Structure. S. Wash. John Peabody Harrington Conference. Smithsonian Institute. Washington, D. C. 1993.

**WADE CLARK ROOF**

**Pew Charitable Funds**

**Lilly Endowment**

***Presentations, Lectures***

Civic Culture in Los Angeles. W. C. Roof. Norway. June 1994.

Civic Culture in Los Angeles. W. C. Roof. Council on Foundations. Washington, D. C. June 1994.

Panel Presentation. C. Manning, J. Ingersoll, R. Carpenter, G. Melton, and W. C. Roof. Association for the Sociology of Religion meetings. Los Angeles, CA August 1994.

**SANDRA A. THOMPSON**

**National Endowment for the Humanities**

***Publications***

Men's and Women's Use of Intensifiers and Hedges in Problem-Solving Interaction: Molar and Molecular Analyses. J. J. Bradac, A. Mulac, and S. Thompson. Research in Language and Social Interchange. In Press.

Toward a New Corpus of Spoken American English. W. Chafe, J. W. DuBois, and S. A. Thompson. English Corpus Linguistics: Studies in Honour of Jan Svartvik. Longman: London. 1994.

**JOHN TOOBY**

**National Science Foundation**

**James S. McDonnell Foundation**

***Publications***

Better than Rational: Evolutionary Psychology and the Invisible Hand. J. Tooby. American Economic Review. May 1994.

Origins of Domain-Specificity: The Evolution of Functional Organization. J. Tooby. Mapping the Mind: Domain specificity in cognition and culture. L. Hirschfeld and S. Gelman (eds). Cambridge University Press. 1993.

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- The History of Darwinian Thought in Psychology. J. Tooby. Human by Nature: Between Biology and the Social Sciences. P. Weingart, S. Mitchell, P. Richerson, and S. Maasen (eds). Princeton University Press:Princeton, NJ. 1993.
- The Lords of Many Domains. L. Cosmides and J. Tooby. The Times Higher Education Supplement, London. 1993.
- Beyond Folk Psychology and Instinct Blindness: The Case for an Evolutionarily Rigorous Cognitive Science. L. Cosmides and J. Tooby. Cognition, 50. 1994.
- Better than Rational: Evolutionary Psychology and the Invisible Hand. L. Cosmides and J. Tooby. American Economic Review May:327-332. 1994.
- Origins of Domain-Specificity: The Evolution of Functional Organization. L. Cosmides and J. Tooby. In Mapping the Mind: Domain-Specificity in Cognition and Culture. L. Hirschfeld and S. Gelman (eds). Cambridge University Press:New York. 1994.
- From Evolution to Adaptations to Behavior: Toward an Integrated Evolutionary Psychology. L. Cosmides and J. Tooby. In Biological Perspectives on Motivated and Cognitive Activities. R. Wong (ed). Ablex:Norwood, NJ. In Press.
- Are Humans Good Intuitive Statisticians After All?: Rethinking Some Conclusions of the Literature on Judgment Under Uncertainty. L. Cosmides and J. Tooby. Cognition. In Press.
- Evolutionary Approaches to Cognitive Neuroscience. J. Tooby and L. Cosmides. (Section Editors, Section Introduction). In The Cognitive Neurosciences. M. Gazzaniga (ed). MIT Press:Cambridge, MA. In Press.
- Mapping the Involved Functional Organization of Mind and Brain. J. Tooby and L. Cosmides. In The Cognitive Neurosciences. M. Gazzaniga (ed). MIT Press:Cambridge, MA. In Press.
- From Function to structure: The Role of Evolutionary Biology and Computational Theories in Cognitive Neuroscience. J. Tooby and L. Cosmides. In The Cognitive Neurosciences. M. Gazzaniga (ed). MIT Press:Cambridge, MA. In Press.

### ***Papers Edited***

- Discriminative Parental Solicitude and the Relevance of Evolutionary Models to the Analysis of Motivational Systems. Daly, M. and Wilson, M. The Cognitive Neurosciences. M. S. Gazzaniga (ed). MIT Press.
- The Replacement of General Purpose Theories with Adaptive Specializations. Gallistel, C. R. The Cognitive Neurosciences. M. S. Gazzaniga (ed). MIT Press.
- Does Evolutionary Theory Predict Sex Differences in the Brain? Gaulin, S. The Cognitive Neurosciences. M. S. Gazzaniga (ed). MIT Press.
- Evolution of the Human Brain: A Neuroanatomical Perspective. Killackey, H. The Cognitive Neurosciences. M. S. Gazzaniga (ed). MIT Press.
- The Argument from Animals to Humans in Cognitive Neuroscience. Preuss, T. The Cognitive Neurosciences. M. S. Gazzaniga (ed). MIT Press.

### ***Conference Papers***

- PrimeTime for Darwin: Converging Lines of Evidence for Domain-Specific Reasoning Modules. L. Fiddick, L. Cosmides, and J. Tooby. 1994.
- Evolution of domain-specific reasoning systems. J. Tooby. Summer Institute for Cognitive Neuroscience. Olympic Valley, CA. 1993.
- Paper presented: What Can you Think About in a Frequentist Way? J. Tooby, G. Brase, and L. Cosmides. Human Behavior and Evolution Society. Binghamton, NY. 1993.

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- Psychological Adaptations in Women for Assessing a Man's Willingness to Invest in Offspring. J. Tooby, M. LaCerra, and L. Cosmides. Human Behavior and Evolution Society. Binghamton, NY. 1993.
- Cognitive Science in the Rainforest: The Search for Universal Human Psychology. L. Sugiyama, J. Tooby, and L. Cosmides. New Approaches to Human Development: Diverse Methods, Populations, and Settings. University of California Santa Barbara Conference. Santa Barbara, CA. 1993.
- Evolution and Economics. J. Tooby. "Invisible hand theories" American Economic Association Meetings. (Organized by Robert Nozick, Chaired by this year's Nobel laureate in Economics, Douglass North). Boston, MA. 1994.

### ***Presentations, Lectures***

- Why Complex Adaptations are Universal. Summer Institute for Cognitive Neuroscience. Olympic Valley, CA. 1993.
- Pathogens and combinatorial explosion as selection pressures on human cognition. J. Tooby and L. Cosmides. Darwinian Perspectives on Human Nature, Department of Zoology. Oxford University. Oxford, England, 1993.
- Cognitive Science in the Rainforest: The Search for Universal Human Psychology. J. Tooby, L. Cosmides, and L. Sugiyama. New Approaches to Human Development: Diverse Methods, Populations, and Settings. University of California Santa Barbara. Santa Barbara, CA. 1993.
- What Can you Think About in a Frequentist Way? J. Tooby, T. Brase, and L. Cosmides. Human Behavior and Evolution Society. Binghamton, NY. 1993.
- Psychological Adaptations in Women for Assessing a Man's Willingness to Invest in Offspring. J. Tooby, M. LaCerra, and L. Cosmides. Human Behavior and Evolution Society. Binghamton, NY. 1993.
- The Evolution of Incest Avoidance. J. Tooby. Evolution and the Human Sciences. London School of Economics. London, England. 1993.
- Cognitive Adaptations for Threat, Cooperation and War. J. Tooby and L. Cosmides. Human Behavior and Evolution Society. Binghamton, NY. 1993.
- Section Leaders. John Tooby Research Group. James S. McDonnell Cognitive Neuroscience Summer Institute and Conference. Olympic Valley, California. 1993.
- Co-organizers. John Tooby Research Group. James S. McDonnell Cognitive Neuroscience Summer Institute and Conference. University of California Davis, 1994.

## **RONALD L. WILLIAMS**

### **California Department of Health**

#### ***Publications***

- An EpiInfo 6.0 Program for Importing, Reporting, Graphing, and Mapping Birth Certificate Data. M. Strassburg, R. Williams, and K. Rhodes. Los Angeles County Department of Health Services. Los Angeles, CA; University of California Santa Barbara. Santa Barbara, CA. 1994.
- 1986-1990 Maternal and Child Health Data Base: Descriptive Narrative. R. Williams and N. Ameli. For the State of California, Department of Health Services. 1994.
- 1986-1990 Maternal and Child Health Data Base: Statistical Appendix. N. Ameli and R. Williams. For the State of California, Department of Health Services. 1993.

**MAYFAIR YANG****National Science Foundation PYI*****Publications***

Gifts, Favors, and Banquets: The Art of Social Relationships in China. M. Yang. Cornell University Press: Ithaca, NY. 1994.

State Discourse or a Plebeian Public Sphere? Film Discussion Groups in China. M. Yang. Visual Anthropology, 10(1). 1994.

Traveling Theory, Anthropology, and the Discourse of Modernity in China. M. Yang. In Press.

***Presentations, Lectures***

Hanging and Leaning: The Formation of New Groups in Urban China. Institute of East Asian Studies. University of California Berkeley. Berkeley, CA. May 1994.

A Sweep of Red: State Subjects and the Cult of Mao. Department of Asian Studies. Copenhagen University. Copenhagen, Denmark. May 1994.

New Social Organizations in Rural Wenzhou, China. Institute of Asian Studies. Copenhagen University. Copenhagen, Denmark. May 1994.

Rhizomatic Networks and the Fabric of an Emerging Minjian in China. State and Society in East Asia Network Conference. Copenhagen, Denmark. May 1994.

From Gender Erasure to Gender Difference: State Feminism, Mass Media, and Public Culture in China. Chinese Association for Comparative Literature Conference. Princeton University. Princeton, NJ. June 1994.

From National to Transnational Subjectivity: Mass Media in Contemporary China. Conference on the Transnationalization of Overseas Chinese Capital. National University of Singapore. Singapore, China. August 1994.

Conference on Civil Society in Tianjin. University of California San Diego. La Jolla, CA. June 1994.

Panel Organizer and Discussant. Panel on Mass Media, Gender Formation, and the Question of the Public Sphere in Modern China. Association for Asian Studies. Boston, MA. March 1994.

**JULES ZIMMER****Pacific Rim Research Program*****Publications***

Cooperative and Competitive Attitudes: A Cross-National Comparison. H-Z. Ho, P. Wise, J. M. Zimmer, S-Y. Chiu, C-P. Wang. In Press. 1994.

American and Asian Mathematics Achievement: Is it Curriculum Coverage or School Effectiveness? J. Zimmer, H-Z. Ho. In Press. 1994.

Connecting Math Performance to the Representation of Mathematical Ideas: A Study of 6th Grade Students in China, Japan, Taiwan, and the USA. A dissertation submitted by S. J. Herman. Committee in Charge: M.E. Brenner, J. M. Zimmer, and H-Z. Ho. June 1994.

***Presentations, Lectures***

American and Asian Mathematics Achievement: Is it Curriculum Coverage or School Effectiveness? J. Zimmer and H-Z. Ho. AERA. New Orleans, LA. April 1994.

CORE BUDGET (as of June 30)	FTE	CORE BUDGET	EXPENSE AMOUNT
<b>Academic Salaries</b>			
Director	0.50	37,550.00	26,549.00
Stipend		4,200.00	4,057.00
Director Sub 0 savings, return to VCAA		-11,144.00	
Other - Royalty/Williams		15,000.00	15,000.00
<b>Staff Salaries</b>	3.00	86,928.00	81,451.00
<b>General Assistance - Sub 2</b>			
CORE budget		2,461.00	2,461.00
<b>Employee Benefits</b>			
		38,368.00	38,368.00
<b>Supplies &amp; Expense</b>			
		19,865.00	17,026.00
<b>Equipment</b>			
		0.00	283.00
<b>Other - Discretionary Funds</b>			
		12,125.00	6,815.00
<b>TOTAL CORE FTE 1993-94</b>	3.50		
<b>SUB-TOTAL CORE BUDGET 1993-94</b>		205,353.00	
			192,010.00
Temporary Sub 2 Augmentation, Admin. Staff	0.50	12,051.00	12,051.00
Temporary Sub 2 Augmentation, B. Harthorn		15,000.00	15,000.00
Temporary Opp. Funds Tr. from Sub 7 to Sub 2		8,738.00	8,738.00
Temporary Sub 7 Augmentation, L. Tien		1,000.00	1,000.00
Budgetary Savings Target		-5,324.00	
1993-94 Perm. Budget Reduction		-3,712.00	
Temporary Relief from OR		3,000.00	
Network wiring, incl. sal. for K. Schmidt from OR		6,920.00	6,920.00
Sharp copier, 50% of actual cost from OR		5,946.00	5,946.00
Sharp copier, 50% fr Discret. Carry Forward		5,945.00	5,945.00
<b>TOTAL CORE BUDGET PLUS TEMPORARY AUGMENTATIONS:</b>		243,026.00	
<b>TOTAL EXPENDITURES FOR 1993-94</b>			235,719.00
<b>RECHARGE/INCOME ACCOUNT</b>		<b>ACTUAL INCOME</b>	<b>ACTUAL EXPENSE</b>
Academic Salaries		_____	_____
Staff Salaries		_____	_____
General Assistance		_____	_____
S&E		_____	_____
Benefits		_____	_____
Other		_____	_____
<b>TOTAL RECHARGE REVENUE</b>		_____	_____
<b>TOTAL RECHARGE EXPENSES</b>		_____	_____
<b>SALES OF PUBLICATIONS</b>		_____	_____

**INTRAMURAL FUNDING\***

		<b>INCOME AMOUNT</b>	<b>EXPENSE AMOUNT</b>
N. Chagnon	Office of Research	5,000.00	1,130.00
R. Appelbaum	Office of Research	10,000.00	10,000.00
		<u>0.00</u>	<u>0.00</u>
<b>TOTAL INTRAMURAL FUNDING/EXPENDITURES</b>		<u>15,000.00</u>	<u>11,130.00</u>
<b>OTHER INCOME (Specify source &amp; use)</b>			
_____			
_____			
_____			
<b>TOTAL AMOUNT OF SUPPORT FUNDS FOR THE YEAR</b>		<u>258,026.00</u>	
<b>TOTAL EXPENDITURES FOR THE YEAR</b>			<u>246,849.00</u>

\*Include all temporary funds such as Research Committee Awards, OR seed or matching funds, Chancellor's Discretionary, Affirmative Action allocations, etc..

Please do not include funds which were processed by Contracts and Grants

1993/94 INCOME/EXPENSE FOR Community & Organization Research Institute

**MATCHING FUNDS FOR CONTRACTS AND GRANTS IN ORU  
ALLOCATED TO ACADEMIC DEPARTMENTS**

<b>FOR: PERSON/PROJECT</b>		<b>SOURCE OF FUNDS</b>	<b>INCOME AMOUNT</b>	<b>EXPENSE AMOUNT</b>
F. Bove	NEH	Office of Research	2,000.00	2,000.00
F. Bove	NEH	Interdisciplinary Humanities Ctr.	1,500.00	1,500.00
S. DeCanio	USIA	Chancellor	5,000.00	5,000.00
_____		_____		
_____		_____		
<b>TOTAL MATCHING FUNDS PLACED OUTSIDE ORU</b>			<u>8,500.00</u>	<u>8,500.00</u>



<b>1 Academic personnel engaged in research:</b>	
a. Faculty	32
b. Professional Researchers	5
c. Specialists	3
d. Postdoctorals	4
e. Postgraduate Researchers	1
<b>TOTAL</b>	<b>45</b>
<b>2 Graduate Students:</b>	
a. Employed on contracts and grants	60
b. Employed on other sources of funds	5
c. Participating through assistantships	0
d. Participating through traineeships	11
e. Other (specify)	0
<b>TOTAL</b>	<b>76</b>
<b>3 Undergraduate Students:</b>	
a. Employed on contracts and grants	16
b. Employed on other funds	3
c. number of volunteers, & unpaid interns	26
<b>TOTAL</b>	<b>45</b>
d. Average number of hours/week of student assistance	10
<b>4 Participation from outside UCSB:</b>	
a. Academics	38
b. Postdoctorals	
c. Postgraduate Researchers	
d. Other	
<b>5 Staff (Univ. &amp; Non-Univ. Funds):</b>	
a. Technical	10
b. Administrative/Clerical	18
<b>6 Publications</b>	1
<b>7 Seminars, symposia, workshops sponsored</b>	
<b>8 Proposals submitted</b>	59
<b>9 Number of different awarding agencies dealt with*</b>	36
<b>10 Number of extramural awards administered</b>	43
<b>11 Dollar value of extramural awards administered during year**</b>	4,658,761.00
<b>12 Number of Principal Investigators***</b>	57
<b>13 Dollar value of other project awards****</b>	490,032.00
<b>14 Number of other projects administered</b>	26
<b>15 Total base budget for the year (as of June 30)</b>	178,129.00
<b>16 Dollar value of intramural support</b>	2,545.00
<b>17 Total assigned square footage in ORU</b>	6,726

\*Count each agency only once (include agencies to which proposals have been submitted).

\*\*If the award was open during the year, even if for only one month, please include in total.

\*\*\*Number of PIs, Co-PIs and Proposed PIs (Count each person only once).

\*\*\*\*Other projects-such as donations, presidential awards, fellowships;  
anything that isn't core budget, extramural, or intramural.

<b><i>PI/Agency</i></b>	<b><i>Collaborator</i></b>	<b><i>Affiliation</i></b>
<b><u>Appelbaum/Pac Rim</u></b>	Edgar Butler	UC Riverside
	Hiroshi Fukurai	UC Santa Cruz
	Allen Scott	UC Los Angeles
	Soohyun Chon	UC Berkeley
	David Smith	UC Irvine
	Gary Gereffi	Duke University
	Edna Bonacich	UC Riverside
	Ho-Fuk Lau	Chinese University of HK
	Seung Heen Lee	Seoul National University
	<b><u>Comanor Japan Foundation</u></b>	Akira Goto
Kotaro Suzumura		Hitotsubashi University (Tokyo)
David Teece		UC Berkeley
Jacques Peichman		Center for European Policy Studies
Annette Bongard		Center for European Policy Studies
Werner Meissner		J.W. Goethe University, Frankfurt
Patrick Rey		INSEE (Europe)
Sylvia Ostry		Center for International Studies (Canada)
Edward Sararian		Center for International Studies (Canada)
Leonard Waverman		Center for International Studies (Canada)
<b><u>Fukui/Pac Rim</u></b>	Michael Trebilcock	Faculty of Law
	Lowell Dittmer	UC Berkeley
	Tun-jen Cheng	UC San Diego
	Soohyun Chon	UC Berkeley
	Tien-Chen Chou	National Chung Hsing University (Taiwan)
	Shigeko Fukai	Auburn University
	Sangsop Park	Korea(through Soohyun Chun)
	Brian Woodall	Harvard University
	Yu-shan Wu	National Taiwan University
	<b><u>Loomis/PHS</u></b>	Roberta Klatzky
<b><u>Roof/Haynes</u></b>	John Orr	USC
	Donald Miller	USC
<b><u>Roof/PEW</u></b>	Diana Butler	Westmont College
	Edith Blumhofer	Wheaton College
	Isham Bagby	Islamic Resource Center (Los Angeles)
	Karuna Dharma	International Buddhist Meditation Ctr. (L.A.)
	Cecil Robeck	Fuller Theological Seminary
	Grant Wacker	Duke Divinity School
	Richard Hughes	Pepperdine University
	Donald Miller	USC
	David Roozen	Hartford Seminary

Department Totals for CORI  
 AWARDS LISTING  
 07/01/93 - 06/30/94

Date: 09/30/94  
 Time: 10:32:07  
 Page: 1

Proposal Total \$ 7,297,380 Awards Total \$ 1,481,415  
 Proposal Total # 59 Awards Total # 24

Record	PI Name	Agency	Beg Date	End Date	Value
940334	ALDENDERFER	H. JOHN HEINZ III CHAR	05/01/94	05/31/95	8,000
930539	BADASH	UC PACIFIC RIM RESEARC	07/01/93	06/30/95	45,000
930309	BOOK	NATIONAL SCIENCE FOUND	08/01/93	07/31/94	38,435
940818	BOOK	NATIONAL SCIENCE FOUND	08/01/93	07/31/94	500
930933	COMANOR	JAPAN FOUNDATION (THE)	03/01/92	12/31/94	86,064
940321	DECANIO	ENVIRONMENTAL PROTECTI	04/11/94	04/10/95	30,000
940651	DECANIO	ENVIRONMENTAL PROTECTI	05/16/94	11/15/95	131,783
930583	DECANIO	UNITED STATES INFORMAT	09/01/93	08/31/96	99,351
940098	DOUGLASS	NATL ACADEMY OF EDUCAT	07/01/93	06/30/94	17,500
940287	FORD	DEPARTMENT OF EDUCATIO	06/01/94	12/31/95	50,000
940119	GERBER	DEPARTMENT OF EDUCATIO	09/01/94	08/31/95	97,203
940407	INGHAM	CAL STATE FULLERTON UN	09/01/93	08/31/94	101,595
940739	INGHAM	PUBLIC HEALTH SERVICE	04/01/94	06/30/94	28,704
931163	LOOMIS	PUBLIC HEALTH SERVICE	08/01/93	07/31/94	85,315
940032	MCDONNELL	UC LOS ANGELES	12/01/93	11/30/94	91,120
940250	SCHREIBER	J. M. KAPLAN FUND	06/01/94	10/31/94	9,800
940477	SCHREIBER	NATIONAL SCIENCE FOUND	07/01/94	06/30/95	11,320
940191	SONSTELIE	DEPARTMENT OF AGRICULT	09/29/93	11/15/94	49,600
941096	TOOBY	JAMES S. MCDONNELL FOU	11/01/91	11/01/96	37,500
931215	TOOBY	NATIONAL SCIENCE FOUND	08/01/91	07/31/94	62,500
941147	TOOBY	NATIONAL SCIENCE FOUND	08/01/91	07/31/95	62,500
930713	WILLIAMS	CAL DEPARTMENT OF HEAL	07/01/93	06/30/94	253,000
940088	WILLIAMS	CAL DEPARTMENT OF HEAL	09/15/93	06/30/94	59,625
940073	YANG	NATIONAL SCIENCE FOUND	08/01/90	07/31/95	25,000

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 End-of-Report

**CORI SPACE ALLOCATION  
1992-1993**

<b>Girvetz Hall</b>
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<b>Rm 1308</b> <i>Sq. ft = 203</i>  Blind Navigation Loomis et. al.
<b>Rm1310A Rm 1310</b> <i>Sq ft = 100 (10)</i> <i>Sq ft=100 (10a)</i> Loomis et. al. Copy Room
<b>Rm 1312</b> <i>Sq ft = 203</i>  NSF Ford
<b>Rm 1314</b> <i>Sq. ft = 203</i> NSF/Gift MARC Ford
<b>Rm 1316</b> <i>Sq. ft = 203</i> NSF/Gift MARC Ford Lab
<b>Rm 1318</b> <i>Sq. ft = 203</i> Dept. of Educ. Gerber/Semmel
<b>Rm 1320</b> <i>Sq. ft = 203</i> NEH Thmpsn/Dubois/ Chafe Corpus of Spkn
<b>Rm 1322</b> <i>Sq. ft = 199</i> NEH Thmpsn/Dubois/ Chafe

<b>Rm 1309</b> <i>Sq ft = 141</i> NSF Tooby
<b>Rm 1311</b> <i>Sq. ft = 141</i>  O'Connor
<b>Rm 1313</b> <i>Sq ft = 141</i> Pac Rim Jrgnsmyr
<b>Rm 1315</b> <i>Sq. ft = 141</i> NSF Mithun
<b>Rm 1317</b> <i>Sq. ft = 141</i> Haynes/Pew Roof
<b>Rm 1319</b> <i>Sq. ft = 141</i> NSF Bielby
<b>Rm 1321</b> <i>Sq. ft = 141</i> Dept. of Educ. Grbr/SmmI
<b>Rm 1323</b> <i>Sq ft = 141</i> NEH Thompson/ DuBois/Chafe
<b>Rm 1325</b> <i>Sq. ft = 141</i> NSF Book

Girvetz Hall  
**Total Rooms = 18**  
**Total Square feet = 2886**

**CORI SPACE ALLOCATION  
1993-1994**

**North Hall**

<b>Rm 2202</b> <i>Sq ft = 250</i> <b>Admin. Office</b>  Copy Room
<b>Room 2204</b> <i>Sq ft = 250</i>  AVSS/MCH <b>Williams</b>
<b>Rm 2206</b> <i>Sq ft = 360</i>  <b>Conference Room</b> (Pellish Room)
<b>Rm 2208</b> <i>Sq ft = 439</i>  <b>Conference Room</b>

<b>Rm 2201 2201B</b> <i>Sq ft =237 Sq ft = 93</i>  <b>CORI Admin. Offices</b>
<b>Rm2201A</b> <i>Sq ft=124</i>
<b>Rm 2205</b> <i>Sq ft=124</i>  Admin. Storage
<b>Rm 2207</b> <i>Sq ft = 264</i> AVSS/MCH <b>Williams</b>
<b>Rm 2209</b> <i>Sq ft = 439</i> AVSS-MCH/ <b>Williams</b> McDonnell/ DOE
<b>Rm 2213 2213C</b> <i>Sq ft=175 Sf=130</i>  Center for Global Studies
<b>2213A 2213B</b> <i>Sf=89 Sf=130</i>

<b>Rm 1013</b> <i>Sq ft = 158</i>  Votey
<b>Rm 1015</b> <i>Sq ft=158</i>  Phillips
<b>Rm 1017</b> <i>Sq ft = 158</i> Owen-Facility for <b>Research &amp; Accounting Education</b>

North Hall  
**Total Rooms = 17**  
**Total Square feet = 3578**

**Ellison Hall**

<b>Rm 2704</b> <i>Sq ft = 143</i> NSF/Lilly Fnd. <b>Sutton</b>
<b>Rm 5805</b> <i>Sq ft = 119</i> NSF <b>Kaplan</b>

Ellison Hall  
**Total Rooms = 2**  
**Total Square feet = 262**

10/22/93  
01:07

FDX: FACILITIES INVENTORY  
SELF-AUDIT OF SPACE USE

FDXSP010  
PAGE 220

PROGRAM: 2.1.30.0.0 OR MUL/INTERDST

SPACE STANDARD: NONSTD

DEPT: COM ORG INST

ROOM NUMBER	ROOM CODE	ROOM TYPE	S/N	ASF	STATIONS	SUB CATEGORY
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BUILDING: ELLISON HALL CAAN: 8563

2704	211	RESRCH OFC	S	143	1	
5805	211	RESRCH OFC	S	119	1	

2 ROOMS TOTALS: 262 2

BUILDING: GIRVETZ HALL CAAN: 8564

1306	211	RESRCH OFC	S	198	2	
1307	211	DTFRS OFF	S	138	3	
1308	211	RESRCH OFF	S	203	15	4
1309	211	RESRCH OFC	S	141	2	3
1310	395	OFFICE SRV	S	100	0	
1310A	211	RESRCH OFC	S	100	2	2
1311	211	RESRCH OFC	S	141	2	3
1312	211	RESRCH OFF	S	203	2	4
1313	210	RESEARCH	S	141	2	3
1314	211	RESRCH OFC	S	203	2	4
1315	211	RESRCH OFC	S	141	3	
1316	225	RSCH LABSV	S	203	0	
1317	211	RESRCH OFC	S	141	1	3
1318	211	RESRCH OFC	S	203	2	4
1319	211	RESRCH OFC	S	141	2	3
1320	211	RESRCH OFC	S	203	4	
1321	211	RESRCH OFC	S	141	2	3
1322	211	RESRCH OFC	S	199	3	

10/22/93  
01:07

FDX: FACILITIES INVENTORY  
SELF-AUDIT OF SPACE USE

FDXSP010  
PAGE 221

PROGRAM: 2.1.30.O.O OR MUL/INTERDST

SPACE STANDARD: NONSTD

DEPT: COM ORG INST

ROOM NUMBER	ROOM CODE	ROOM TYPE	S/N	ASF	STATIONS	SUB CATEGORY
1323	320	<i>Resrch</i> OTHER OFF	S	141	3	
1325	210	RESEARCH	S	141	3	
20 ROOMS TOTALS:				3223	<i>51</i>	<i>52</i>
BUILDING: NORTH HALL CAAN: 8535						
1013	211	RESRCH OFC	S	158	2	
1015	211	RESRCH OFC	S	158	2	
1017	211	RESRCH OFC	S	158	2	
2201	320	OTHER OFF	S	237	<i>23</i>	
2201A	320	OTHER OFF	S	124	<i>22</i>	
2201B	320	OTHER OFF	S	93	1	
2202	<del>320</del> 325	<del>OTHER OFF</del> OFFICE SHV	S	250	<i>23</i>	
2204	211	RESRCH OFC	S	250	<i>23</i>	
2205	211	RESRCH OFC	S	124	<i>22</i>	
2206	340	CONFERENCE	S	360	10	
2207	211	RESRCH OFC	S	264	<i>23</i>	
2208	340	CONFERENCE	S	439	12	
2209	211	RESRCH OFC	S	439	<i>28</i>	
2213	210	RESEARCH	S	175	<i>23</i>	
2213A	211	RESRCH OFC	S	89	1	
2213B	211	RESRCH OFC	S	130	2	
2213C	211	RESRCH OFC	S	130	2	
17 ROOMS TOTALS:				3578	<i>68</i>	<i>61</i>