

COMMUNITY SERVICE PROJECTS
IN
GRADUATE PROGRAMS
AT THE
UNIVERSITY OF CALIFORNIA, BERKELEY



Produced by the Graduate Division
Mary Ann Mason, Dean
Margo Horn, Editor
Carol Soc and Michelle Panner, Research
Arnold Yip and Claudine Zap, Production
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Executive Summary

Graduate departments and programs at the University of California, Berkeley provide a wide range of opportunities for faculty and graduate students to serve the local community. Community-based projects link graduate academic programs to issues in neighboring communities, marshalling UC Berkeley's talent, research, and policy analysis on behalf of the community. Service learning, research projects, volunteerism, and clinical and professional degree training are examples of UC Berkeley's efforts to serve its surrounding community. The following is an inventory of some 84 community service projects, representing more than 21 different schools, departments, programs, and research institutes, involving UC Berkeley faculty and graduate students across a broad range of disciplines and professional schools.

Haas School of Business

Community Management Assistance Program

The Community Management Assistance Program (CMAP) helps MBA students provide business assistance to local nonprofit organizations in exchange for class credit. Through CMAP, graduate students work with nonprofit organizations in marketing, strategic planning, organizational behavior, and operations management.

Consortium for Graduate Study in Management

The Consortium for Graduate Study in Management is an alliance of twelve schools of business, including Haas, in partnership with corporate America, working to facilitate the entry of minorities into managerial positions in business.

Socially Responsible Business Leadership Program

The Socially Responsible Business Leadership Program promotes awareness of socially responsible business issues, by sponsoring the annual Peterson Lecture on Business Ethics, an annual lecture on Philanthropy in Business, and an annual Ethics Workshop.

Young Entrepreneurs at Haas Program

The Young Entrepreneurs at Haas Program (YEAH) is a two-week intensive summer session for East Bay students. In addition to instruction, lectures and hands-on work designing their own business plans, YEAH participants visit and learn from local entrepreneurs.

Graduate School of Education

Bay Area Writing Project

The Bay Area Writing Project is a collaboration between classroom-tested knowledge and university-level research, which looks to the exemplary practices of Bay Area teachers to expand ways to help children improve their writing skills.

Policy Analysis for California Education

Policy Analysis for California Education (PACE) is a research collaboration between the Graduate Schools of Education at UC Berkeley and Stanford University. The PACE center focuses on K-12 education in California, providing research and analysis to state lawmakers, educators, and the public, on topics such as school governance, finance, and education reform.

Richmond Project

Through the Richmond Project, UC Berkeley's Graduate School of Education coordinates efforts to support and supply the public schools in the cities of El Cerrito and Richmond with tutors, teaching assistants, guest lecturers, used equipment, and books.

College of Engineering

Department of Civil and Environmental Engineering

Contractor Development Program

The Contractor Development Program (CDP) teaches local contractors in training to apply fundamental project management concepts to their work. This program also benefits its partner organizations from the building trades and development industry by acting as a conduit that allows members to solicit bids from pre-qualified program participants.

Department of Electrical Engineering and Computer Sciences

The Department of Electrical Engineering and Computer Sciences (EECS) provides an introduction to science and technology for female students at Oakland Technical and Thurgood Marshall High Schools, to encourage their interest in these fields.

EECS provides mentoring for Black Graduate Engineering and Science Students (BGESS), and students at McClymonds and Oakland Technical High Schools, to support the academic achievement of these groups.

In partnership with the Professional Development Program, EECS provides lab tours for the Siemens-Westinghouse Science Competition Lab Tours.

College of Environmental Design

Faculty and students at the College of Environmental Design are regularly involved in community outreach and research-based projects under the auspices of the Institute of Urban and Regional Development, the University-Oakland Metropolitan Forum, and the Center for Environmental Design Research (CEDR).

Department of Architecture

The Department of Architecture requires students to work on individual and collaborative programs that integrate community outreach and research. These include the Mayors' Institute on City Design, which brings together a group of mayors and city designers to discuss all aspects of city designed architecture, landscape architecture, historic preservation, growth planning and management, urban design, and development.

Department of City and Regional Planning

The Department of City and Regional Planning has been involved in the 7th Street/McClymonds Neighborhood improvement Initiative. See Institute of Urban and Regional Development (IURD) on page 11.

Department of Landscape Architecture and Environmental Planning

Save International*

The Department of Landscape Architecture and Environmental Planning is working with legislators and community members to prevent the approval of a proposed petrochemical complex in Taiwan that endangers a rare bird. Community efforts have grown to include Taiwanese building safety education.

Boalt Hall School of Law

Berkeley Community Law Center

The Berkeley Community Law Center offers students an opportunity to work in a clinical setting providing free legal services to residents of Berkeley and Oakland. The Center focuses on the areas of housing law, public benefits, and legal services for people with AIDS. Students first receive training in the substantive legal areas and then, under supervision of staff attorneys, handle their own client caseloads.

Disability Rights Clinic

The Disability Rights Clinic provides representation in civil rights cases involving disability-based discrimination. Students work from 8 to 16 hours per week at the Disability Rights Education and Defense Fund, and are exposed to all areas of disability civil rights practice. Clients are provided representation in cases that have systemic remedies, and promote disability rights law reform goals.

* Indicates a project that was honored by Chancellor and Mrs. Robert Berdahl at the first annual University and Community Partnerships Recognition Reception in October 2000.

Domestic Violence Law Clinic

The Domestic Violence Law Clinic provides legal services to victims of domestic violence. Students intern at several domestic violence legal agencies in the greater Bay Area where they interview clients, draft restraining orders, and may attend meetings with their supervising attorneys and with law enforcement, District Attorneys, Family Court Services, judges, legislators, and others. The students are certified and may represent clients at restraining order hearings.

East Bay Workers' Rights Clinic

The East Bay Workers' Rights Clinic is a student-run clinic that helps local area residents with employment-related problems, including discrimination, sexual harassment, wage disputes, and wrongful termination. The Clinic provides legal assistance to workers who have no other source of legal help. The Clinic complements classroom learning and gives students an opportunity to immediately put their textbook studies into a real-world perspective. While dealing with a diverse clientele, volunteers hone client-interviewing skills and learn how to determine legally relevant facts.

Environmental Law Community Clinic

The Environmental Law Community Clinic offers students the opportunity to work in a clinical setting providing free legal services to low-income and underrepresented neighborhood and community groups in the Bay Area on issues of environmental justice to improve the environment and health of their communities.

HIV Outreach Program

The HIV Outreach Program is a student-run program that provides legal assistance to East Bay residents who are HIV positive or who have AIDS. Outreach volunteers visit Highland Hospital and the Center for AIDS Living in Oakland and distribute information about legal assistance, welfare benefits, counseling, health care, and other resources to people with HIV/AIDS.

Immigration and Asylum Clinic

The Immigration and Asylum Clinic is a course offered by the law school in which students help attorneys in providing assistance to people with immigration and refugee legal problems who might not otherwise be able to obtain such services. The students work in select legal service agencies and pro bono organizations in the Bay Area, including the International Institute of the East Bay, and receive direct supervision from their field placement supervisor.

College of Letters and Science

Department of African American Studies

Poetry for the People*

This collaboration between the Departments of African American Studies and English, Berkeley High School, and Glide Memorial Church in San Francisco offers a series of poetry writing workshops in a "student-teacher-poets" environment.

Department of Art Practice

Artsbridge*

This collaboration between the Department of Art Practice, the Consortium for the Arts, and three Berkeley schools, provides workshops and after-school projects to children in several arts fields.

Department of History

UC Berkeley History-Social Science Project*

The UC Berkeley History-Social Science Project promotes excellence in history-social science teaching

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and in history-social science student learning. The project works with K-12 teachers in local schools to foster their individual and collective capacities for leadership within their schools and in larger educational arenas. The project collaborates with county offices of education, school districts, Bay Area Councils of Social Studies Teachers, museums, teacher education departments, and other allied history-social science interest groups.

Department of Political Science

Bay Area Urban Debate League*

The Department of Political Science and 10 Bay Area high schools offer high school students a full year of training in public policy debate techniques.

Department of Psychology

Through the School Psychology Program, graduate students get credit for fieldwork at Bay Area schools and mental health clinics as a part of their training to be public school psychologists, researchers, and program directors. Professors in the School of Education and Department of Psychology supervise the graduate students in this program that lasts between four and five years. Each year approximately 30 students provide service to 30 to 40 public schools, hospitals, and mental health clinics throughout the Bay Area.

College of Natural Resources

Department of Agricultural and Resource Economics

Analysis of Alternatives for Managing Drought in the East Bay

The Analysis of Alternatives for Managing Drought in the East Bay is a research study conducted by graduate students in the Department of Agricultural and Resource Economics for the UC Water Resource Center. The study, an engineering and economic analysis of the costs of dealing with periodic water shortages in the East Bay Municipal Utility District (EBMUD), can result in great savings to EBMUD in managing droughts, as well as lower water rates for EBMUD customers.

Department of Nutritional Science

Food Systems Organization and Management

Some examples of service-learning projects in the Department of Nutritional Science: the Food Systems Organization and Management class is required to complete a final project in a non-commercial food service project in the region; students design menus for a senior residence in Berkeley and for the Meals on Wheels program in Oakland; students evaluate food purchasing practices of the Alzheimers Center; students provide sanitation and safety training at the Center for AIDS Services and help staff to lower the fat content of meals and snacks at a Head Start Program and at Bay Area Community Services.

Cornucopia Project

The Cornucopia Project involves 15 to 20 UC Berkeley dietetics students who teach nutrition to children in the Berkeley elementary schools. Students work from a set of seven lessons which cover topics related to healthy eating, food groups, food safety, and digestion. Over the years, approximately 6,500 children and their families have benefited from this program.

Department of Plant and Microbial Biology

Through its outreach efforts in the greater Bay Area, the Department of Plant and Microbial Biology serves local high schools, community colleges, universities, and philanthropic organizations by providing informational and educational materials on biotechnology, agriculture, and the environment.

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The Department of Plant and Microbial Biology is involved in the Advisory Board for Berkeley Biotechnology Education, Inc. (BBEI), which has been instrumental in creating a model biotechnology cooperative program that combines course work at Berkeley High School and the Peralta Community Colleges. In partnership with the Bayer Corporation, the local biotechnology industry, and various public sector laboratories, BBEI has provided a number of internships for graduate students.

Other outreach activities include educational programs for the California Wine and Food Association, Bay Area Culinary Arts Academy, Bay Area Medical Writers Association, USDA Food and Nutrition Service, Xerox Research Center, the California Academy of Sciences, and the Community Health and Educational Program at Stanford University.

School of Optometry

An integral part of the curriculum for the 240 students at the School of Optometry is participation in a community or hospital-based optometry clinic. The clinics, at veterans' medical centers, Indian reservations, and community health centers, serve needy and low-income people as well as immigrants, many of whom are seeing an eye doctor for the first time in their lives.

Clinica de la Raza

Optometry students, under the supervision of a faculty member, offer eye care five days a week at the Clinica de la Raza on East 16th Street in Oakland. The students work in eight-week rotations, and offer full eye care, including lenses.

North East Medical Services

Located in San Francisco's Chinatown, the North East Medical Services (NEMS) clinic is assisted by UC Berkeley optometry students five days a week in an arrangement similar to the Clinica de la Raza.

East Oakland Health Center

Twice a week, the School of Optometry, under a revenue-sharing agreement between UC Berkeley and the West Oakland Health Council, offers full vision care to community residents at this center located on East 14th Street.

Berkeley Head Start

Through the Berkeley Head Start Healthy Advisory Committee, optometry students conduct free vision and eye health screening for immigrant and low-income children enrolled in the Berkeley Head Start program.

City of Berkeley VDT Eye Care Program

In 1985, as computers began to be installed in offices everywhere, UC Berkeley established an optometry clinic dedicated to users who spend hours staring at video display terminals (VDTs). The City of Berkeley has contracted with the School of Optometry to provide care for city employees who work with VDTs. City workers are examined in special facilities that can emulate the employee's own workstation and patients are given ergonomic and lighting advice as part of the examination.

Mt. Diablo School District

Working at the Mt. Diablo School District, UC Berkeley optometry students screen 5,000 kindergartners, second graders, and preschoolers every year. The screenings are mandated by the state of California and are paid for by the district.

Orinda Longitudinal Study of Myopia

To understand normal eye growth and risk factors for the onset of myopia in children, the Orinda Longitudinal Study annually performs detailed measurements of the size and shape of growing eyes of nearly 800 Orinda children in the first through eighth grades. The school district receives the state-mandated eye screening for its kindergarten, first-, and second-grade students for free.

School of Public Health

The School of Public Health takes a community-based approach to the field of public health. Traffic safety, violence prevention, race relations, cultural diversity, open park space, housing, jobs, and economic development are all included in the important mix that makes up the health and well-being of the “public.”

Oakland’s Community-Based Public Health Initiative and Community Health Academy

Originally funded by the W.K. Kellogg Foundation, the Oakland Community-Based Public Health Initiative has three partners: community organizations and individual residents from Oakland’s Fruitvale, San Antonio, and East Oakland neighborhoods; the Alameda County Public Health Department; and the School of Public Health. In 1994, the three groups established the Community Health Academy to implement their vision. One of the Community Health Academy’s tasks has been to place graduate students as interns in a variety of community-based organizations. One of the interns was instrumental in launching Mothers Against Murder and Assault (MAMA) to support and empower women who have lost children or partners to youth violence. Other interns have worked in health promotion, community organizing, and economic development.

Center for Family and Community Health

The Center for Family and Community Health is one of 23 Disease Prevention and Health Promotion Research Centers funded by the Centers for Disease Control and Prevention. The focus of UC Berkeley’s center is “Neighborhoods, Families, and Communities,” a focus that benefits the local community through projects such as the Oakland Asian Health Services, where UC Berkeley researchers are involved in the Korean Breast and Cervical Cancer Screening Project. The Center is also helping several Bay Area health departments improve their capacity to understand health problems, develop better preventive services, and examine the role of community factors that protect women from HIV.

Resource Center on Aging

The Resource Center on Aging is a state-funded program administered by the School of Public Health. A collaboration between the campus and community, the Center coordinates activities in aging on the Berkeley campus and also serves as a clearinghouse for information on aging activities both on and off campus.

Wellness Guide Project

The *Wellness Guide*, now in its third edition, is an 80-page illustrated book on how to stay well and where to find help on a wide range of health-related topics from pregnancy, work safety, child care, to ways of comforting the dying. Special attention is given to problems faced by those of limited means and with limited access to services. A Spanish language version, *La Guia del Bienestar*, is also available.

Wellness Letter

The *Wellness Letter*, published monthly by the School of Public Health since 1984, was the first health newsletter to focus on prevention and health promotion (as opposed to medicine and diagnosis). With 700,000 subscribers it remains the largest and the best of its kind. The newsletter advises on medical tests, medical fads, exercise, and healthy eating. Proceeds from books sales and newsletter subscriptions are used to support student services such as scholarships, financial aid, and recruiting.

Labor Occupational Health Program (LOHP)

This program is a practical service unit, dedicated to bringing academic resources and training programs to California’s workers. The program was the first of its kind to focus on the special health problems of women in the workplace and the first to focus on job health hazards and the disproportionately high disability rates of minority workers. It won national recognition for its VDT users’ health and safety project and was the first to study the impact of the AIDS epidemic on the workplace.

Among other tasks, the LOHP conducts more than 100 classes and workshops annually to train workers and others on job-related injuries and illness. It also produces educational publications and videos, offers technical assistance to labor and management, and operates a resource center.

Goldman School of Public Policy

The Goldman School of Public Policy (GSPP) emphasizes practical applications of policy analysis by encouraging students to assist policy makers in both public and private organizations. Fieldwork is required of all first-year students. Small groups of students, working under faculty supervision, conduct research on policy problems suggested by officials in government and nonprofit organizations. Clients have included the Berkeley Mayor and City Council, the City of Oakland's Office of Planning and Building, Alameda County, Contra Costa County, the Berkeley Community Fund, the Berkeley Unified School District, and many others.

Summer internships are required of all students between their first and second years of study. Students work as interns for policy analysts or program directors in government, nonprofit organizations, and private consulting firms.

Projects in advanced policy analysis, equivalent to master's theses, are conducted by students in their second year. Examples of recent projects are: Designing Local Welfare-to-Work Systems: Federal Funding Options, An Implementation Analysis of Contra Costa County's STAR Drug Court, and the Costs and Benefits of Job Training in the Elder Care Market.

In addition, graduate students often participate in faculty research concerned with local issues and problems, such as military base closure and economic redevelopment, environmental cleanup, and problems of interagency collaboration in providing services to children and families, fire prevention, and habitat management.

School of Social Welfare

The School offers the following programs:

Professional training links with the community and social service agencies.

In the 2000–2001 academic year, field placements are being conducted in over 100 social service, health, mental health, juvenile justice and child welfare agencies in the Bay Area.

Training and research collaboration with Bay Area Departments of Social Services.

The School is the lead member of the California Social Work Educational Center (CalSWEC), a coalition of area foundations, educational institutions, and county welfare agencies established to improve the preparation of social work staff for public agency service.

Research collaborations with county child welfare and public assistance agencies.

The school-sponsored Center for Social Services Research (CSSR) conducts policy research, policy analysis, and program planning and evaluation directed toward the improvement of California public service. A sub-unit of CSSR is the Research Response Team, a group of researchers established to address the needs of county agencies for rapid research about their service activities and demands.

Faculty collaborative research.

Professor Steven Segal's investigation of self-help groups is being implemented in client-run groups as well as county mental health services.

Professor Lonnie Snowden brings together an interdisciplinary faculty to study problems in the organization of mental health systems as part of the UC Berkeley–UC San Francisco Center for Mental Health Services.

Professor Andy Scharlach completed a three-year study of interdisciplinary team training of geriatric practitioners and is planning a system of support for geriatric caregivers in California as part of the federal government's National Caregiver Support Program.

Professor Yu-Wen Ying works with Asian Perinatal Advocates to train staff from Bay Area social service agencies on a parenting intervention strategy she developed for immigrant families.

Professor Kurt Organista is collaborating with the City of Berkeley on a project to provide and assess HIV prevention services for approximately 100 migrant day laborers. He is also co-investigator of an HIV/AIDS services evaluation for affected people along the U.S.–Mexico border states.

Collaborative Projects

Bay Area Social Services Consortium (BASSC)

This consortium of community projects involves graduate students in both public health and social welfare issues. BASSC programs include:

- The Executive Development Training Program, administered by UC Berkeley Extension, to training leaders in public service;
- The Research Response Team, housed at the Center for Social Services Research, which collaborates with county social and human services agencies on small-scale research projects;
- The Policy Media Program, which informs and educates Bay Area citizens and local and state legislators about social welfare problems, policies, and programs.

City Bugs*

City Bugs is a collaboration between UC Berkeley's College of Natural Resources, the Berkeley Pledge, the Interactive University Program, UC Cooperative Extension, and the Oakland Unified School District focusing on insect, life science, and biodiversity education for teachers and students.

Fruit and Vegetable Intake of Middle School Students Survey*

An effort between UC Berkeley's Department of Nutritional Sciences and School of Public Health, the Berkeley Unified School District, Center of Ecoliteracy, UC Cooperative Extension, and Willard Middle School emphasizes nutritional education for children and promotes school garden projects.

Fruitvale Neighborhood Revitalization Project*

UC Berkeley's Institute of Urban and Regional Development focuses on inner-city neighborhood revitalization in Oakland and involves collaboration between the Departments of Civil and Environmental Engineering, Environmental Science, Policy, and Management, and Landscape Architecture and Environmental Planning; along with the Spanish Speaking Unity Council, and the City of Oakland.

Suitcase Clinic

The Suitcase Clinic, run by volunteers from UC Berkeley medical and optometry schools, offers health care, medicine, vision screening, legal advice, and the services of a chiropractor and a hair stylist to the public.

Urban Plan*

The College of Environmental Design, Graduate School of Education, Haas School of Business, and the Institute of Urban and Regional Development, along with Oakland Technical High School, teach high school students urban planning and design techniques, issue analysis, and public participation skills.

Vision and Eye Health Screening for Preschool, Kindergarten, and First Grade*

A collaboration between the School of Optometry, the University Eye Center, and UC Child Care Services, this program provides more than 14,000 children in Diablo Valley, Tracy, Berkeley and Albany with annual eye health screenings and vision education.

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Organized Research Units

Institute of East Asian Studies

The Berkeley East Asia National Resource Center supports teacher training, curriculum development, instructional materials acquisition, and outreach programs in East Asian language and area studies for scholars, teachers, and the public.

Institute of Human Development

The Institute studies children and their development, operates a nursery school and has several community-centered research programs, including the Head Start Family Math Project that helps families teach their preschool children math concepts.

Center for Environmental Research

The Center for Environmental Research provides students with opportunities to develop Geographic Information Systems (GIS) tools and apply them to environmental planning, management, research, and teaching. The primary focus of this research is the San Francisco Bay/Delta region.

Center for Studies in Higher Education

The Center for Studies in Higher Education, working with the University History Project and graduate students in the Department of History, provides information to the general public on the history of the University of California and its importance to the state of California. The project publishes the "Chronicle of the University of California."

Center for Latin American Studies

The Center for Latin American Studies (CLAS) is actively involved with the Bay Area's K-12 schools, helping them expand knowledge and celebrate the culture of Latin America by providing teaching materials and sponsoring workshops.

Center for Middle Eastern Studies

The Center for Middle Eastern Studies has special programs for elementary and secondary school teachers including an annual one-day workshop and a five-day summer institute, both cosponsored by the World Affairs Council. The Center sponsors a speaker's bureau and offers free loans of curriculum materials and other instructional resources to teachers. Recently, the Center received a grant from the campus-based Interactive University Project to develop Internet-based resources and curricula about Islam for use by both teachers and students worldwide. The Center is collaborating with seventh grade teachers at Horace Mann Middle School in San Francisco on this project.

Center for Slavic and East European Studies

Graduate students of the Center for Slavic and Eastern European Studies participate regularly in public lectures and seminars that are generally held twice weekly, with conferences held once a semester. These events mainly serve K-12 teachers, college instructors, and members of the public interested in the region.

Center for South Asia Studies*

The Center for South Asian Studies, in partnership with the Center for Middle Eastern Studies and the Office of Resources for International and Area Studies (ORIAS), has sponsored a Web site and, in 1996, held a week-long summer institute for K-12 educators called "Waters of Life: Exploring the River Civilizations of China, Middle East, and South Asia." The Web site offers an eclectic mix of sites related to the culture, geography, and development of the region.

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Center for Theoretical Astrophysics

In addition to research, the Center for Theoretical Astrophysics (CFPA) is charged with supporting the transfer of technology to industry and improving science and math education. Scientists from the CFPA work with two local middle schools: Longfellow in Berkeley and the American Indian Public Charter School in Oakland.

At Longfellow, graduate students and postdoctoral students bring hands-on science experiments to the school's science classes. They have helped students build working models of human lungs and investigate electric circuits using batteries made of potatoes. The Longfellow students have studied rainbows and the scale of distances in the solar system and, during Family Science Night, gazed at the stars through CFPA telescopes.

The CFPA has worked with the American Indian Public Charter School to develop a partnership that will present mainstream science and technology in a manner both culturally relevant and respectful of American Indian knowledge. Scientists from the CFPA have worked with the school over the past year to develop a series of Internet-based research projects on topics of interest to the community and the school.

Institute of Urban and Regional Development(IURD)

IURD uses knowledge and expertise from the university in partnership with neighborhood development groups in the Bay Area. The following are IURD projects:

7th Street/McClymonds Neighborhood Improvement Initiative

Over the past year, IURD has been funded by the San Francisco Foundation through the Hewlett Foundation to provide technical assistance to the 7th Street/McClymonds Neighborhood Improvement Initiative. This long-term, community-building effort is rooted in a resident-driven plan for neighborhood revitalization. Hewlett expects to channel up to \$4.5 million over 7 years through this new resident-led organization to support projects and programs in youth and family development, health, education, employment, housing, public safety, and the environment. UC Berkeley offers a number of collaborative student courses to encourage cooperation with this project. These have been taught by Professor Robert Ogilvie, Professor John Radke, Professor Fred Blackwell, Professor Judith Innes, and Adjunct Professor Michael Smith-Heimer. IURD Research Director Moira Kenney has worked with a team of graduate students to assess neighborhood progress.

Acorn Smart Housing Project

IURD has been funded by the City of Oakland to evaluate the “smart housing” program conducted jointly by the City of Oakland and IBM in the Acorn Housing project. The program is funded by the U.S. Department of Commerce through the City of Oakland and focuses on bringing computers and requisite communications infrastructure to assist residents in developing computer skills and in getting related jobs.

Joint Community Development Program (1996–2000)

Through a \$2.4 million grant from the U.S. Department of Housing and Urban Development's Office of University Partnerships, the UC Berkeley/Oakland Joint Community Development (JCD) Program became a partnership that made positive impacts and concrete changes in many of Oakland's most economically challenged neighborhoods. The grant was one of five such awards to universities nationwide. Partners from the university, the city and the community collaborated on many projects to enhance the capacity of local organizations and to improve the quality of life in Oakland neighborhoods. Projects undertaken included:

- designing and restoring two urban parks;
- training minority contractors;
- funding the construction of affordable homes and merchant façade improvements;

- bringing computers into Oakland Public Library branches and community-based organizations; and
- carrying out environmental clean-up projects with Oakland youth laying the foundation for a new credit union.

Easter Hill (Richmond) HOPE VI Project

The Richmond Housing Authority recently received one of ten HOPE VI grants awarded to cities nationwide by the U.S. Department of Housing and Urban Development. The agency plans to work with IURD to monitor the revitalization and its effect on the community. IURD is currently working to outline a possible evaluation role for this project.

University-Oakland Metropolitan Forum

This forum facilitates projects between faculty, graduate students and local government, community organizations, and businesses in the East Bay such as planning for the “New Asia Town” commercial district in Oakland, evaluating an innovative school-to-career program in Oakland high schools, and support for the Oakland Child Health and Safety Initiative. The Forum also initiated a Joint Community Development Program with the City of Oakland to implement projects such as the redesign and reconstruction of a park in one of the city’s lowest income areas.

Collaborative Organized Research Unit Projects

Office of Resources for International and Area Studies*

A collaboration between UC Berkeley’s Center for South Asia Studies, the campus’ International and Area Studies, the San Francisco Unified School District, the World Affairs Council, and other community organizations, the office provides outreach support workshops and Internet resources for K-12 world history teachers.

Center for Occupational and Environmental Health

The Center for Occupational and Environmental Health (COEH) is a multi-campus, multidisciplinary academic program committed to problem solving based upon teamwork and training in medicine, nursing, public health, and related fields. The Center’s activities include:

- multidisciplinary teaching programs, which prepare future occupational and environmental health physicians and nurses, toxicologists, epidemiologists, hygienists, ergonomists, and policy specialists;
- research projects which investigate the causes, prevention, diagnosis, and management of occupational illness and injury;
- continuing education for practicing occupational health and safety professionals; and
- community outreach, including worker training, technical assistance, and clinical services.

COEH maintains a library open to the public and clinics specializing in the diagnosis, treatment, and prevention of occupational and environmental injuries and diseases.

Community Education and Resources Center (CERC)

The University of California Office of the President has awarded \$300,000 per year for three years to the Berkeley campus to expand academic achievement efforts in the Bay Area’s disadvantaged communities. The Institute of Urban and Regional Development (IURD) is both managing and evaluating the program and has funding as well for its own CERC activities. IURD’s own activities have and will continue to emphasize youth involvement in our other Oakland partnerships (including the 7th Street/McClymonds Initiative). Other CERC components include the School of Education’s Excellence

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through Collaboration and Outreach (ECO) program in San Francisco and the Berkeley Alliance. As members of the Berkeley Alliance's Board of Directors, these programs have fulfilled an advisory role in the Alliance as well and are working with their staff (and UC Berkeley outreach staff) to refine their mission.

CERC in Berkeley—The Berkeley Alliance

The Berkeley Alliance is a partnership of the University of California, the City of Berkeley, and the Berkeley Unified School District dedicated to improving the quality of life in Berkeley. Formed in October 1997, the Berkeley Alliance has created a community-wide collaboration that includes the three primary partners—university, city, and school district—as well as the business community, civic organizations, churches, community-based organizations and service providers, the community colleges and CSU Hayward, and Berkeley parents and citizens. Through the Alliance, the partners collaborate on projects of mutual benefit, mobilizing community resources and developing creative approaches to challenges.

CERC in Oakland

UC Berkeley's CERC efforts in the City of Oakland are an extension of existing community development initiatives. IURD is not only working directly on youth related projects, but also leveraging the funds by seeking long-term funding for broad community improvement efforts that will engage faculty, UC students, and both young people and adults in the neighborhoods over a period of years. Current initiatives include the development of community capacity in the 7th Street/McClymonds Neighborhood Improvement Initiative and the development and use of educational tools in the Acorn Computer Learning Center.

CERC in San Francisco—Mission District

CERC/Mission District works under the Excellence through Collaboration and Outreach Center (ECO) at the UC Berkeley Graduate School of Education, which promotes improvement of educational practice. CERC collaborates with other efforts at UC Berkeley and agencies and community organizations in San Francisco to: promote teacher professional development and ongoing school-wide research reform efforts in the San Francisco Unified School District; to collaborate and link strategically with other college campus efforts in San Francisco; to expand the awareness of UC Berkeley's and UC San Francisco's ongoing outreach efforts to students and families in the community; to serve as informational outreach for existing and effective academic development programs at UC Berkeley; to link strategically with related community organizations; and to expand UC Berkeley's partnerships in key areas of math and science, community health, and parental/community participation.

Miscellaneous Projects

Berkeley Environmental Restoration Center

The Berkeley Environmental Restoration Center (BERC) was established by the University of California in 1994 to manage a \$25 million contract with the U.S. Navy to develop and coordinate a series of projects to implement innovative environmental clean-up technologies at closing military facilities in the San Francisco Bay Area. These technologies were developed at UC Berkeley, Lawrence Berkeley National Laboratory, and Lawrence Livermore National Laboratory.

BERC projects involve multi-disciplinary teams of faculty, graduate students, scientists, military and business professionals in a variety of disciplines. University contributions come from the Departments of Mechanical Engineering, Civil and Environmental Engineering, Integrative Biology, Molecular and Cell Biology, Environmental Science, Policy and Management, and Plant and Microbial Biology. Projects range from the use of steam injected underground to remove oil-based chemicals from soil to enhancing naturally occurring microbial activity in soil and groundwater.

BERC helps the Navy and the local community with clean-up technologies that produce results faster and cheaper than commercial technologies with less environmental impact. Local businesses are

involved during field implementation and are assisted in bringing these technologies to commercial realization. In most cases the technologies are free, giving start-up companies an excellent opportunity to preserve capital and fund field projects of their own.

Working closely with the campus Office of Small Business Development, BEREC has involved more than 10 companies in projects resulting in over \$1 million in sales to local businesses, almost all of which has been received by small and minority-owned businesses.

Other projects include implementation of the Steam Enhanced Extraction (SEE) process at Alameda Point in spring 1999 and a concurrent seminar and workshop series that includes on-site visits to observe fieldwork.

Hills Emergency Forum/Campus Fire Mitigation Program

The UC Berkeley campus is part of the Hills Emergency Forum, which was formed after the 1991 Berkeley-Oakland hills fire and includes representatives from UC Berkeley, the East Bay Municipal Utility District, the East Bay Regional Park District, Lawrence Berkeley National Laboratory, and the cities of Berkeley and Oakland. The forum works to improve coordination between response agencies and jurisdictions responsible for large areas along the wild land-urban interface.

As part of the University's commitment to fire prevention, the campus Hill Area Fire Prevention Committee recommends and implements methods to reduce fuel that could result in wild fires and to create defensible spaces in campus wild lands.

The campus works with community volunteers and other agencies to expand the reach of the program. The City of Berkeley, in coordination with the campus, donates mulch from the Berkeley Fire Assessment Chipping Program. In addition, community volunteers have worked to clear additional acreage in the Centennial Drive and Grizzly Peak area.

Pacific Earthquake Engineering Research Center*

UC Berkeley, CSU San Jose, and the California Academy of Sciences together are designing creative earthquake engineering exhibits for earthquake preparedness education.

Student Educational Enhancement Program

The Student Educational Enhancement Program provides community agencies with motivated and talented graduate students who assist in improving the environment, health, and safety of surrounding communities through academic course work and volunteer activities.

A student outreach program of the Office of Environment, Health, and Safety, two major components of the program consist of a lecture series and internship program offered for credit and volunteer environmental activities, such as Strawberry Creek clean-up events and Cal Protect the Bay Stenciling Day, in which students and community volunteers paint warnings on storm drains.

The Environmental Science lecture series features Bay Area experts speaking on a range of environmental, health, and safety topics. The internship program places student interns at community agencies such as the Lake Merritt Institute and at the Shorebird Nature Center at the Berkeley marina.

Strawberry Creek Restoration Program

The Strawberry Creek Restoration Program helps to enhance and preserve the beauty of the creek and its environs while bringing back its ecological health. Coordinated by the Office of Environment, Health, and Safety since 1987, the program aims to raise the creek's aesthetic value, improve its water quality, and create a better habitat for wildlife.

* Indicates a project that was honored by Chancellor and Mrs. Robert Berdahl at the first annual University and Community Partnerships Recognition Reception in October 2000.

Restoration activities include bank stabilization and erosion control, urban runoff research, reintroduction of native flora and fauna, water-quality monitoring, and development of educational guidelines and programs, which not only help to prevent pollution but also provide research opportunities for campus and community volunteers.