

RESEARCH AT CALIFORNIA STATE UNIVERSITY, LOS ANGELES

*2007
Annual Report*



OFFICE OF RESEARCH AND SPONSORED PROGRAMS



Dear Friends,

We are pleased to present the 2007 Annual Report on Research at California State University, Los Angeles. The level of funding for this past year continues to demonstrate the ability of our faculty to compete successfully for grants and contracts. These funds are important because they enable us to continue our tradition and commitment to support the community of teacher-scholars who call Cal State L.A. home, as well as enrich the learning environment of students.

Over the past five years, our campus received an average of \$30 million annually in external funding revenues, resulting in Cal State L.A. ranking among the top five California State University campuses in total external funds awarded. This pattern of success is possible because, on average, about one-half of the proposals submitted by the campus is funded by a combination of federal, state, and local agencies. In the last year for which there is complete data, we rank first among the Los Angeles basin CSU campuses in annual grants and contracts revenue. Again, this attests to the talented and dedicated faculty who continue to add value to our campus by conducting the funded research and academic activities.

The Office of Research and Sponsored Programs (ORSP) has undergone significant changes in recent years, and we continue to improve the service we provide to the campus. As an example, this past year we focused on enhancing communication with the greater University community. We

Office of
Research & Sponsored
Programs

initiated the ORSP Café symposium series to showcase the faculty's funded research, and developed a monthly newsletter to complement the weekly notices of current funding opportunities, deadlines, and requirements to principal investigators. This annual report serves to extend communication beyond our campus.

Moving forward, we are committed to continue improving the grants and contracts operations. In particular, we expect to begin integrating and aligning the Research Strategic Plan, developed last year with the University's Strategic Plan that is now under development. In addition, we will actively participate as the campus prepares for the upcoming WASC accreditation review. We are well aware of the important role that the research infrastructure plays in fulfilling the University's educational mission, and we will continue to assist the campus in ensuring that research is supported and maintained at levels appropriate to meet this challenge.

In addition to the information in this report, we invite you to learn more about the many programs at Cal State L.A. by visiting www.calstatela.edu/academic/orsp. We welcome your comments and suggestions.

Sincerely,

Handwritten signature of Jose L. Galvan in black ink.

JOSE L. GALVAN
*Dean, Graduate Studies
and Research*

Handwritten signature of Benjamin Figueroa in black ink.

BENJAMIN FIGUEROA
Director, Research Administration



TABLE OF CONTENTS

Acknowledgements	4
Foreword	5
Institutional Data on External Funding	
8-Year Revenue History	6
8-Year Externally Sponsored Projects Total Revenue	7
Externally Sponsored Projects Revenue	7
Externally Sponsored Projects Revenue Per Award Type	7
Externally Sponsored Projects Revenues (Federal)	8
Proposals Submitted, by College, for FY2007	8
Awards Received, by College, for FY2007	8
8-Year Externally Sponsored Projects Revenue	9
Systemwide Data on External Funding	10
Principal Investigator Listing of Grant and Contract Awards	11
University Support for Research	
Seed Grants	18
Research, Scholarship, and Creative Activity Awards	19
Student Travel Support Grants	20
Campus Research and Training Highlights	21
University Auxiliary Services, Inc.	23



ACKNOWLEDGEMENTS

PG 4

This report would not be possible without the hard work and dedication of the many principal investigators whose accomplishments are summarized here. We are indebted to them for their commitment to expand on the classroom experience, and at the same time, provide our students with the opportunity to reach greater educational attainment.

Also we thank our sponsors for having the confidence in our mission and specific research and training activities. We are grateful for their recurring contributions, but in particular, for their first-time funding commitments, as each one represents an opportunity to advance a new idea that will further the work of our faculty and students.

We are also grateful to President James M. Rosser, Provost Desdemona Cardoza, and Vice President Steven N. Garcia for their leadership and guidance in the administration of research and sponsored programs on this campus. In addition, we are grateful for the leadership of R. Dean Calvo, Executive Director of University Auxiliary Services, Inc. (UAS), and the UAS Board of Directors, led by its chair, Mr. Patrick Harris, in the delivery of research services.

We would like to thank the college deans and their staff for supporting the work of the faculty, and for their ongoing working relationship with our office. We also thank UAS for managing the Office of Research and Sponsored Programs, and the Office of Financial Services for delivering all related research support services. In addition, we thank all the campus offices that support our operations, in particular University Legal Counsel, Academic Affairs, Administration and Finance, Institutional Advancement, Student Affairs, and Information Technology Services.

Of course, the development of this report has involved many hands, and we wish to particularly extend our sincere thanks to all the staff in the Office of Research and Sponsored Programs who edited, reviewed, confirmed, and provided information to make this a reality. We particularly wish to highlight the contribution of Celeste Day-Drake (UAS) in helping us keep this project on task, and Veronica Woo, University-Student Union Graphics.



FOREWORD

As one of the country's most diverse universities, Cal State L.A. prides itself on the role it plays in educating an ethnically, linguistically, and socio-economically diverse student population. The University's student diversity is complemented by its diverse faculty, which is presently 40 percent minority, among the highest in the nation. The information presented in this report demonstrates the strong record of research accomplishment of this diverse Cal State L.A. community.

The \$30 million in annual revenues from external grants and contracts that the University currently receives is the result of many years of dedication to the goal of integrating research into the very core of Cal State L.A.'s educational mission. The array of funded projects in this report demonstrates the success of that effort. In addition, the University's commitment to the teacher-scholar model can be seen in the types of University-funded awards made, including



travel support that enables students to present research results at state and national professional conferences. The details contained in this report point to the contributions of many individuals within Cal State L.A. One such individual is President James M. Rosser, who has been an unfailing supporter of the teacher-researcher model over his career.

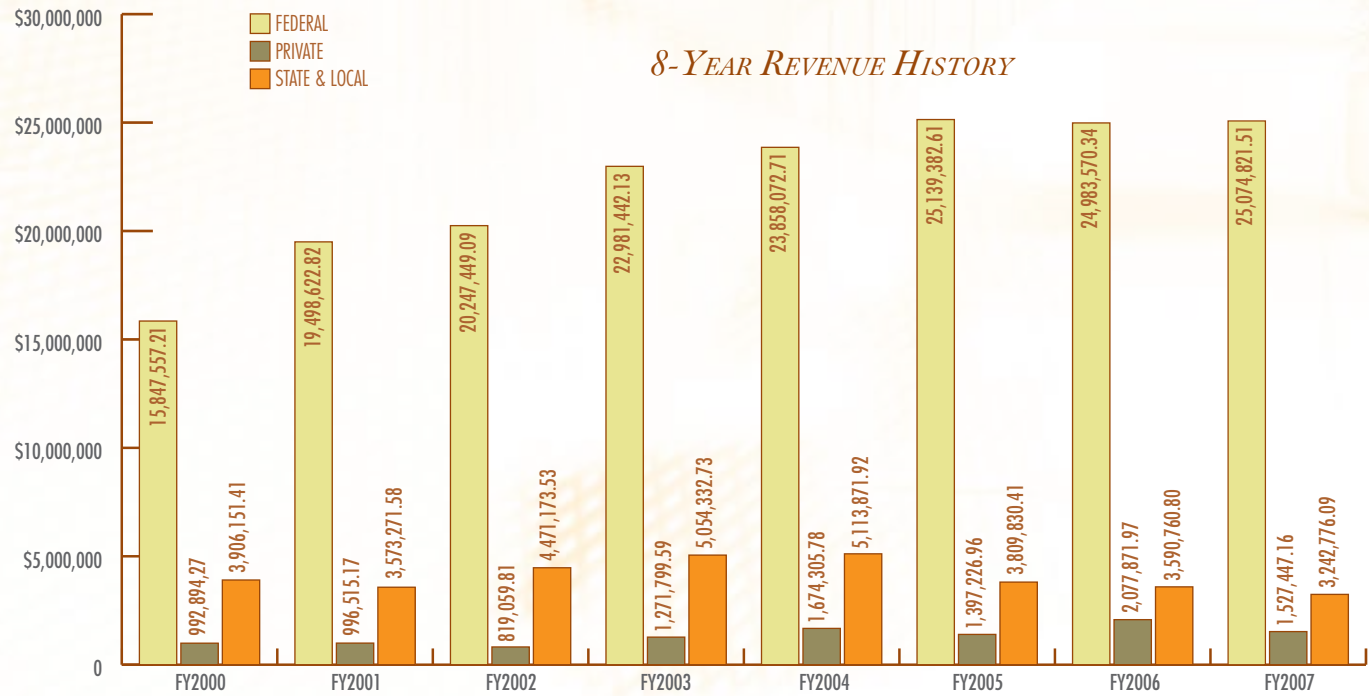
Having worked as a research microbiologist, President Rosser actively promotes science and engineering education, and has sought ways to galvanize the synergies among science and engineering education, research, technology, and industry. He has influenced state and national science policy as a member of the California Council on Science and Technology, the Citizens' Advisory Committee of the Congressional Caucus for Science and Technology, the American Council on Education's Committee on Science and Technology, and several National Science Foundation and National Academy of Engineering forums addressing diversity in the workforce. His board memberships in the sciences include the Pasadena Bioscience Collaborative, the Government-University-Industry Research Roundtable Council of the National Academies, and the CSU Presidents' Commission for the California State University Program for Education and Research in Biotechnology (CSUPERB).

Cal State L.A.'s record of achievement in research is exemplary, and ranks highly among the Cal State campuses. This success is attributable to the high respect and partnerships developed by our faculty, and is best exemplified by the 116 distinct sponsors of research and training programs. Research activities sponsored by various external agencies have a significant positive impact on faculty as well as students.

SUMMARY FY2007 DATA

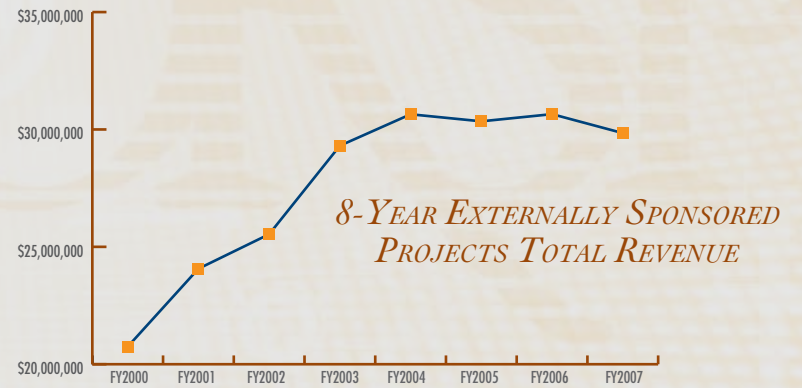
Proposals Submitted.....	147
Dollars Requested.....	\$67,327,247
Dollars Awarded.....	\$25,497,184
Total Direct Expenditures.....	\$26,464,266
Total Indirect Costs.....	\$3,380,778
Projects Active During Fiscal Year.....	306
Faculty Receiving Awards.....	129
Sponsors.....	116

*INSTITUTIONAL DATA ON
EXTERNAL FUNDING*

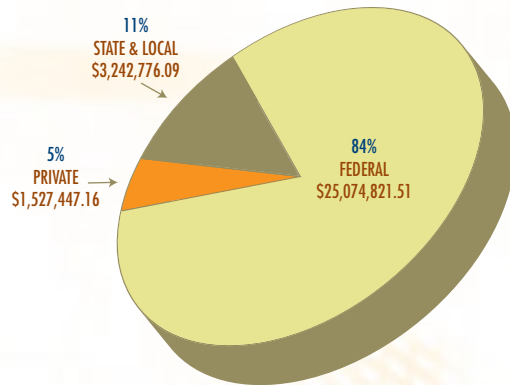


Office of
Research & Sponsored
Programs

*INSTITUTIONAL DATA ON
EXTERNAL FUNDING*

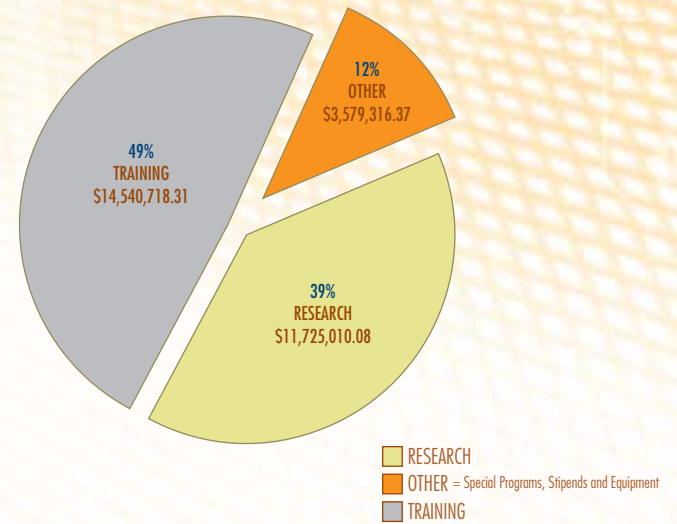


*EXTERNALLY SPONSORED PROJECTS
REVENUE (ALL SOURCES) FY2007*



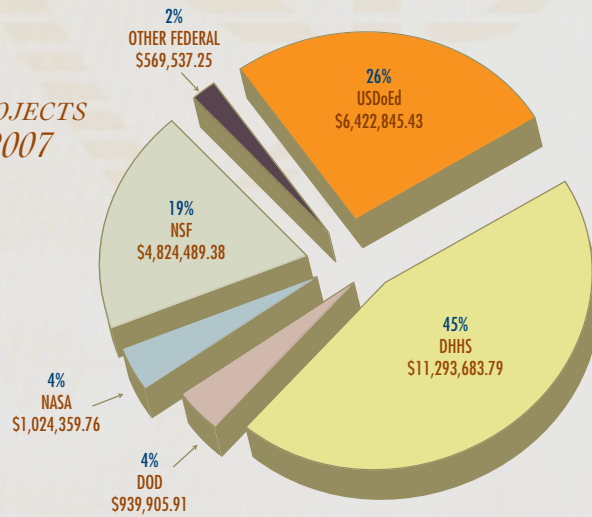
■ FEDERAL
■ STATE & LOCAL
■ PRIVATE

*EXTERNALLY SPONSORED PROJECTS REVENUE
PER AWARD TYPE FOR FY2007*



■ RESEARCH
■ OTHER = Special Programs, Stipends and Equipment
■ TRAINING

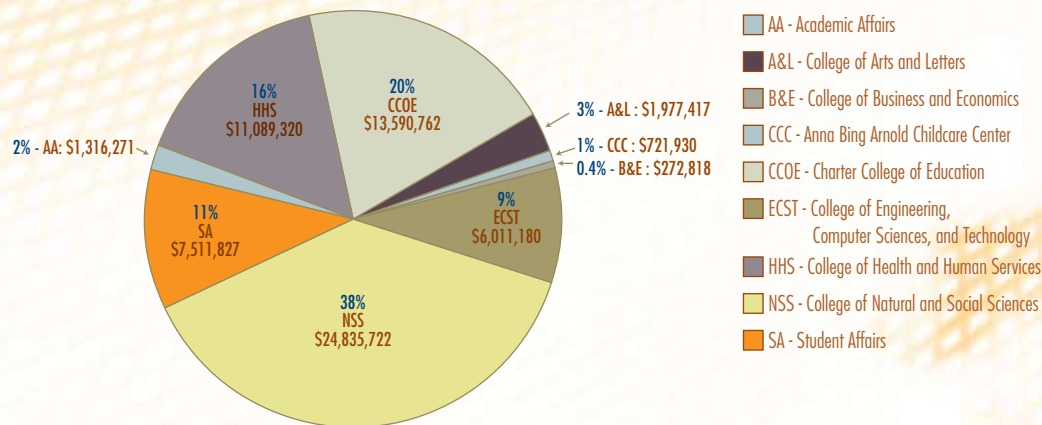
*EXTERNALLY SPONSORED PROJECTS
REVENUE (FEDERAL) FY2007*



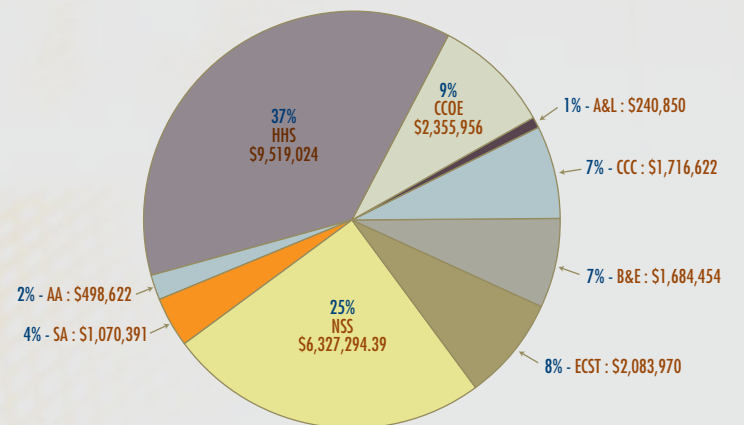
Office of
Research & Sponsored
Programs

*INSTITUTIONAL DATA ON
EXTERNAL FUNDING*

PROPOSALS SUBMITTED, BY COLLEGE, FOR FY2007



AWARDS RECEIVED, BY COLLEGE, FOR FY2007



INSTITUTIONAL DATA ON EXTERNAL FUNDING

EIGHT-YEAR EXTERNALLY SPONSORED PROJECTS REVENUE

SOURCE	FY2000	FY201	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	TOTAL
Federal									
USDoEd	5,001,172.03	6,252,511.26	6,082,277.50	7,356,400.42	6,686,136.11	6,877,543.42	7,281,881.18	6,422,845.43	51,960,767.35
DHHS	5,012,893.69	7,069,581.38	8,495,280.84	10,329,267.26	10,331,375.70	9,774,846.79	10,128,336.10	11,293,683.79	72,435,265.54
DOD	582,907.12	421,750.02	493,595.72	641,478.78	821,191.31	1,049,892.83	778,975.50	939,905.91	5,729,697.19
NASA	2,098,722.41	1,750,541.93	1,550,590.47	1,195,821.27	1,396,883.71	1,563,312.54	1,282,889.58	1,024,359.76	11,863,121.67
NSF	2,758,792.95	3,267,201.59	3,159,076.11	2,873,933.44	4,115,049.48	5,013,053.68	5,071,945.67	4,824,489.38	31,083,542.30
Other Federal	393,069.01	737,036.64	466,628.45	584,540.96	507,436.40	860,733.35	439,542.31	569,537.25	4,558,524.37
Total Federal	15,847,557.21	19,498,622.82	20,247,449.09	22,981,442.13	23,858,072.71	25,139,382.61	24,983,570.34	25,074,821.51	177,630,918.42
Private	992,894.27	996,515.17	819,059.81	1,271,799.59	1,674,305.78	1,397,226.96	2,077,871.97	1,527,447.16	10,757,120.71
State & Local	3,906,151.41	3,573,271.58	4,471,173.53	5,054,332.73	5,113,871.92	3,809,830.41	3,590,760.80	3,242,776.09	32,762,168.47
Total Non-Federal	4,899,045.68	4,569,786.75	5,290,233.34	6,326,132.32	6,788,177.70	5,207,057.37	5,668,632.77	4,770,223.25	43,519,289.18
GRAND TOTAL	\$20,746,602.89	\$24,068,409.57	\$25,537,682.43	\$29,307,574.45	\$30,646,250.41	\$30,346,439.98	\$30,652,203.11	\$29,845,044.76	\$221,150,207.60

USDoEd Department of Education

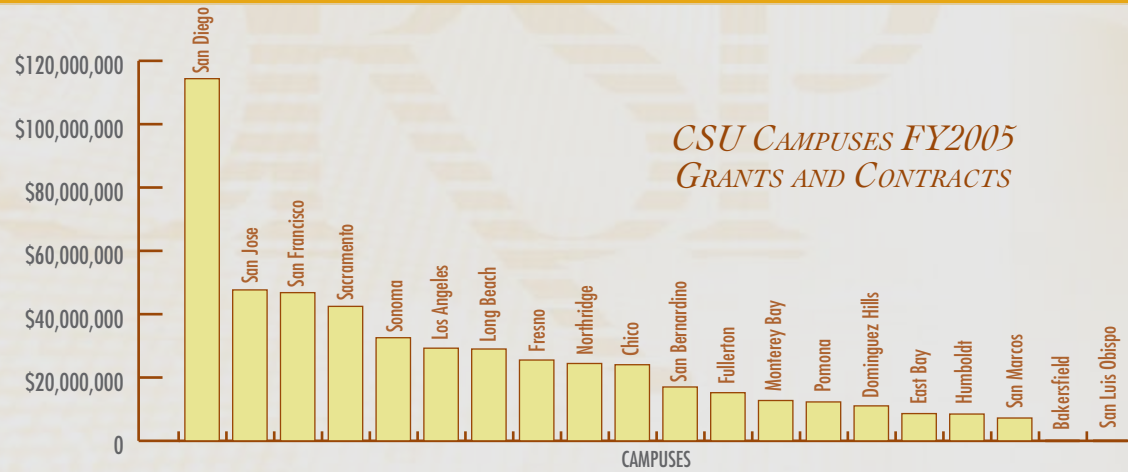
NASA National Aeronautics & Space Administration

DHHS Department of Health & Human Services

NSF National Science Foundation

DOD Department of Defense

CALIFORNIA STATE UNIVERSITY, LOS ANGELES



Office of
Research & Sponsored
Programs

*SYSTEMWIDE DATA ON
EXTERNAL FUNDING*

CAMPUS	2002	2003	2004	2005	2006
Bakersfield	10,523,056	11,006,992	N/A	N/A	N/A
Chico	24,786,857	22,653,125	22,595,365	24,036,037	25,526,528
Dominguez Hills	12,500,808	12,568,788	14,423,264	11,043,433	11,680,911
East Bay	9,590,220	8,800,937	9,042,326	8,608,940	9,643,033
Fresno	31,837,844	32,233,901	28,503,666	25,517,999	21,849,098
Fullerton	10,309,695	10,822,123	13,325,728	15,208,617	16,762,270
Humboldt	8,045,438	8,497,165	N/A	8,462,564	14,749,002
Long Beach	43,009,943	36,492,767	29,990,533	28,998,690	29,271,464
Los Angeles	28,572,615	29,210,225	31,259,497	29,262,123	30,551,586
Monterey Bay	10,059,118	12,362,301	N/A	12,737,655	9,314,388
Northridge	19,592,741	20,404,599	23,167,420	24,428,251	17,992,911
Pomona	13,826,172	12,243,371	13,233,390	12,286,346	12,474,295
Sacramento	50,511,674	46,276,570	43,290,125	42,464,948	N/A
San Bernardino	14,075,013	17,091,454	17,682,841	17,010,651	23,653,534
San Diego	120,909,848	125,105,523	106,726,820	114,367,588	109,470,605
San Francisco	N/A	N/A	38,506,215	46,800,000	N/A
San Jose	39,300,000	41,527,555	43,579,218	47,662,033	47,360,509
San Luis Obispo	16,378,176	16,972,710	16,316,240	N/A	14,384,591
San Marcos	3,871,588	9,069,230	8,626,247	7,207,434	9,068,604
Sonoma	25,618,831	29,626,139	32,623,278	32,563,833	29,341,547
CSU SYSTEM TOTAL	\$496,731,955	\$511,453,151	\$492,892,173	\$508,667,142	\$433,094,876

SOURCE: CSU AUXILIARY ORGANIZATIONS ASSOCIATION

Office of
PRINCIPAL INVESTIGATOR LISTING OF GRANT AND CONTRACT AWARDS

ACADEMIC AFFAIRS

CARDOZA, DESDEMONA
US Department of Health and Human Services
CSULA-RIMI: Faculty Career Development, Core Facility,
and Biomedical Research Capacity Building
\$ 872,997

GALVAN, JOSE
Institute of International Education
Program for Academic Partnerships to Promote
International Scholarship
\$ 282,375

GONZALEZ, ALFREDO
Woodrow Wilson National Fellowship Foundation
The Early College Initiative
\$ 398,000

LIBRARY

GLADISH, CHRISTINE
California State Library
Local History Digital Resources Project
\$ 5,000

COLLEGE OF ARTS AND LETTERS

COMMUNICATION STUDIES

BAI, CHUNSHENG
P&W International Enterprises
Jining Executive Management Certificate Program
\$ 16,600
P&W International Enterprises
Jining Executive Management Training Program
\$ 14,040

RAMIREZ, JOHN
Rockefeller Foundation
Becoming & Belonging: The Alchemy of Identity in the
Multiethnic Metropolis
\$ 109,539

Hollywood Foreign Press Association
HFPA Fellows Scholarships Grant
\$ 20,000
Hollywood Foreign Press Association
2nd Annual U.S. Latino Film/Video Festival-Reel Rasquache
\$ 10,000

ENGLISH

GOLD, DAVID
Spencer Foundation
Sisters of the South
\$ 39,950

LUCKMAN FINE ARTS COMPLEX

JOYCE, JULIE
The Andy Warhol Foundation for the Visual Arts
Kim Jones: A Retrospective Exhibition
\$ 60,000

MODERN LANGUAGES AND LITERATURES

MATSUNAGA, SACHIKO
CSU Long Beach
Strategic Language Initiative Program of the Southern
Consortium of California State Universities
\$ 90,000

YOKOTA, TOSHIKO

Japan Foundation
Japanese Speech Contest 2006
\$ 450
Japan Foundation
Japanese Speech Contest 2007-2008
\$ 450

MUSIC

KENNEDY, JOHN
French American Cultural Exchange
Antoine Bonnet Commission and Residency Program
\$ 6,000

COLLEGE OF BUSINESS AND ECONOMICS

INFORMATION SYSTEMS

PARTOW-NAVID, PARVIZ
Los Angeles County Department of Public Works
Information Technology Professional Service Computer
Student Intern
\$ 825,000

MANAGEMENT

GROVES, KEVIN
PepsiCo Foundation
PepsiCo Leadership Center
\$ 364,418
PepsiCo Foundation
Leadership & Career Development
\$ 100,510
PepsiCo Foundation
High School to College
\$ 124,922
PepsiCo Foundation
Diversity Practicum
\$ 92,804

CHARTER COLLEGE OF EDUCATION

FALVEY, MARY
CSU Northridge
Teachers for a New Era
\$ 9,061

APPLIED AND ADVANCED STUDIES IN EDUCATION

ANDRE-BECHELY, LOIS
Washington Mutual
Coordinating Community-Based Projects in Neighborhoods
and Schools
\$ 25,000

HAFNER, ANNE
US Department of Education
Reading & Writing Education Research Grants Program
\$ 88,179
CSU Trustees, Office of the Chancellor
Alignment of High School and College Curriculum:
Expository Reading and Writing - Evaluation
\$ 24,840

SEMRAU, PENELOPE
National Security Agency
E-Learning Solutions: Mexico
\$ 439,995

SLOVACEK, SIMEON
US Department of Health and Human Services
MORE R.E.S.U.L.T.S.
\$ 373,803
Charles R. Drew University of Medicine & Science
Science Education Partnership Award (SEPA) Program
\$ 25,000

TAYLOR, CLINT
US Department of Education
English Language Acquisition:
National Professional Development Program
\$ 300,000

CURRICULUM AND INSTRUCTION

FRANK, CAROLYN
Regents of UC, Office of the President
California Subject Matter Project - CSULA Writing Project
\$ 64,500
National Writing Project Corporation
Central Los Angeles Writing Project
\$ 45,000
Regents of UC, Office of the President
California Subject Matter Project - No Child Left Behind
\$ 60,000
Regents of UC, Office of the President
California Subject Matter Projects - No Child Left Behind
(NCLB) Technical Assistance and Support Program (Year 4)
\$ 45,500

PRINCIPAL INVESTIGATOR LISTING OF GRANT AND CONTRACT AWARDS

LAND, ROBERT
Regents of UC, Irvine

The Pathway Project: A Cognitive Strategies Approach to Reading and Writing Instruction for Teachers
\$ 20,000
National Writing Project Corporation
National Writing Project
\$ 45,000

MIMS, SABRINA
Los Angeles Unified School District
Paraeducator Career Ladder
\$ 6,180

UY, FREDERICK
Guangdong University of Foreign Studies
Academic Administration Training Program
\$ 91,334

YUEN, GAY
Montebello Unified School District
Alternative Certification-Intern Program
\$ 172,500

SPECIAL EDUCATION AND COUNSELING

FAZZI, DIANE
US Department of Education
Project S.T.A.R. (Sharing Technology and Resources); Collaborative Personnel Preparation in Visual Impairment
\$ 1,494,297

US Department of Education
Long Term Rehabilitation of the Blind: Orientation & Mobility Training Project
\$ 100,000

US Department of Education
Project P.R.I.D.E.-Partnership for Resources in Distance Education
\$ 750,000

HAAGER, DIANE
US Department of Education
Outreach Projects for Children with Disabilities
\$ 175,000

University of Florida
Center on Personnel Studies in Special Education (COP SSE)
\$ 122,532

HUNT, NANCY
US Department of Education
Combined Priority for Personnel Preparation; The ECSELL Project
\$ 199,901

KIMM, CHRISTINA
Wheat Mission International Foundation
Project VIP: Voice of Immigrant Parents in Special Education
\$ 149,965

MENZIES, HOLLY
Regents of UC
Income Account-Forecasted Expenses
\$ 667,800
Regents of UC, Office of the President
California Reading Literature Project, CSULA
\$ 101,948
Regents of UC, Office of the President
California Subject Matter Project - No Child Left Behind
\$ 122,500
Regents of UC, Office of the President
California Subject Matter Project - No Child Left Behind (NCLB) Technical Assistance and Support Program (Year 4)
\$ 74,171

MERCADO, PAULINE
US Department of Education
Combined Priority for Personnel Preparation
\$ 194,502

SYMON, JENNIFER
US Department of Education
Preparing Diverse Professionals Across Specialty Areas to Support the Needs of Children with Autism
\$ 621,058

WEINBERG, LOIS
Mental Health Advocacy Services, Inc.
Incorporating Education into Family to Family Strategies
\$ 25,336

ZETLIN, ANDREA
Alhambra Unified School District
Alternative Certification Program
\$ 577,500

COLLEGE OF ENGINEERING, COMPUTER SCIENCE, AND TECHNOLOGY

MOO-YOUNG, KEITH (BOUSSALIS, GUILLAUME)
National Aeronautics and Space Administration
Structures, Propulsion, and Control Engineering Center
\$ 1,200,000

MOO-YOUNG, KEITH
Regents of UC, MESA School Program
MESA School Program (MSP)
\$ 301,890
Regents of UC, MESA Engineering Program
MESA Engineering Program (MEP)
\$ 38,000

CIVIL ENGINEERING
HASHEMIAN, HASSAN
Southern California Association of Governments
Transit Security Management Training Project
\$ 50,000
US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2006 Eisenhower HSI
\$ 10,000
US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2006 Eisenhower HSI
\$ 10,000

US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2006 Eisenhower HSI
\$ 10,000
US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2006 Eisenhower HSI
\$ 10,000
City of Los Angeles Department of Transportation
Transit and Access to Health Service Providers: An Assessment of Transit Service in Low Income and Minority Communities of East Los Angeles
\$ 88,000
CA Department of Transportation
2007 National Summer Transportation Institute
\$ 43,000

US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2007 Eisenhower HSI
\$ 5,000

US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2007 Eisenhower HSI
\$ 5,000

US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2007 Eisenhower HSI
\$ 5,000

US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2007 Eisenhower HSI
\$ 5,000

US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2007 Eisenhower HSI
\$ 5,000

US Department of Transportation
D.D.Eisenhower Transportation Fellowship Program - 2007 Eisenhower HSI
\$ 5,000

KHACHIKIAN, CRIST
National Science Foundation
REU: Site for the Multidisciplinary Development of Environmental Sensing Technologies
\$ 210,778

PRINCIPAL INVESTIGATOR LISTING OF GRANT AND CONTRACT AWARDS

PURASINGHE, RUPA
Research Foundation of State University of NY/MCEER
 Non-Linear Time History Seismic Analysis and Progressive
 Collapse Evaluation of a Multistory Steel Building
 \$ 29,000

TUFENKJIAN, MARK
Office of Naval Research
 Priority Topics in Seafloor Engineering at the NFESC
 in Port Hueneme, CA
 \$ 594,253

COMPUTER SCIENCE
 CRESPI, VALENTINO
Air Force Office of Scientific Research
 Engineering Awareness
 \$ 131,514

**ELECTRICAL AND COMPUTER
 ENGINEERING**
 BOUSSALIS, HELEN
National Science Foundation
 CSULA/USC Collaborative to Integrate
 Research & Education
 \$ 625,000
Johns Hopkins University
 A Site RET that Teams Math, Science and Technology
 Education Teachers from Under-Resourced Urban High
 Schools to Create Multi-disciplinary PBL Demonstrations
 \$ 20,000

DANESHGARAN, FRED
Northrop Grumman
 Satellite Based Quantum Key Distribution (QKD)
 \$ 40,000

LIU, CHARLES
National Aeronautics and Space Administration
 Synergetic Education & Research for Equipping NASA
 Space Scientists and Engineers
 \$ 254,300

WARTER-PEREZ, NANCY
Hewlett Packard
 EPIC Architectures Initiative Hewlett Packard's University
 \$ 254,825
Hewlett Packard
 2005 Higher Education HP Technology for Teaching
 \$ 15,500
Hewlett Packard
 Project Based Learning Using Tablet PCs in Computer
 Engineering and Bioinformatics
 \$ 120,500

MECHANICAL ENGINEERING
 GUILLAUME, DARRELL
Johns Hopkins University
 Enhancing Diversity in Undergraduate Engineering
 Population through Curricular Change
 \$ 51,792
National Science Foundation
 Graduate Engineering Education to Serve the Aerospace
 Industry in Urban Los Angeles and the Antelope Valley
 \$ 500,000

WU, CHIVEY
Department of the Army
 Modeling, Control, and Simulation of Airbreathing
 Hypersonic Vehicles
 \$ 351,639
Army Research Office/Office of Naval Research
 Upgrade of Mechanical Engineering Laboratories
 \$ 199,673

TECHNOLOGY
 LEE, BENJAMIN
Metropolitan Water District
 Metropolitan Water District Project
 \$ 5,000
Metropolitan Water District
 Metropolitan Water District Project
 \$ 4,500
Honeywell E&S
 Honeywell Internship for Engineering Students
 \$ 375,000

Regents of UC
 MEP/NSF Scholarship Grant
 \$ 28,125
Southern California Edison
 Engineering Industry Practicum
 \$ 10,000
Regents of UC, Office of the President
 MEP/NSF Scholarship Grant
 \$ 9,375

MAURIZIO, DON
Utah State University
 National Center for Engineering & Technology Education
 \$ 451,440

COLLEGE OF HEALTH AND HUMAN SERVICES

CHILD AND FAMILY STUDIES
 LOPEZ, EDWARD
Spencer Foundation
 Mathematics, Science, and Information Literacy
 Development of Latinos Attending Garfield High School
 \$ 40,000

ZEPEDA, MARLENE
WestEd
 California Preschool Learning Standards
 and Benchmark Project
 \$ 50,000

**CRIMINAL JUSTICE AND
 CRIMINALISTICS**
 HERZ, DENISE
Children's Law Center of Los Angeles
 Foster Youth Mental Health Initiative
 \$ 35,000

OCHI, ROSE
US Department of Justice
 National Institute of Justice Congressionally
 Directed Awards
 \$ 745,125

PETERSON, JOSEPH
US Department of Justice
 Social Science Research on the Role and Impact of Forensic
 Evidence on the Criminal Justice Process
 \$ 600,000

**KINESIOLOGY AND NUTRITIONAL
 SCIENCE**
 CALDERON, LAURA
US Department of Agriculture
 Recruitment and Curricular Development for the Food
 Science + Technology and Nutrition Programs
 \$ 240,000

DE LEON, RAY
UCLA
 Robotically Generated Locomotion in Rodents
 \$ 382,539
UC Irvine
 Possible Role of BDNF in the Locomotor Recovery of Spinal
 Rats Following Robotic-Assisted Treadmill Training
 \$ 96,214
Los Amigos Research & Education Institute, Inc.
 Practical Adaptive Equipment for Model SCI
 Exercise Programs
 \$ 63,042
US Department of Health and Human Services
 Robotic Training and the Modulation of BDNF Activity in
 Spinally Transected Rats
 \$ 295,765

SINGH, HARMIT
US Department of Agriculture
 Food Analysis and Food Chemistry
 Laboratory Development
 \$ 234,000

NURSING
 CHIN, PATRICIA
CSULA School of Nursing
 Nursing Income Account/Unexpended Nursing Funds
 \$ 21,430
Cedars-Sinai Medical Center
 Nursing Cohort
 \$ 178,500

PRINCIPAL INVESTIGATOR LISTING OF GRANT AND CONTRACT AWARDS

Cedars-Sinai Medical Center
Collaborative Track Nursing Program
\$ 109,500

Glendale Adventist Medical Center
Nursing Onsite Programs
\$ 56,100

Little Company of Mary Hospital
Nursing Onsite Programs
\$ 98,485

White Memorial Medical Center
Collaborative Track Nursing Programs
\$ 109,500

San Gabriel Valley Medical Center
Collaborative Track Nursing Programs
\$ 109,500

Cedars-Sinai Medical Center
On-Site Nursing Programs (RN-BSN Program)
\$ 162,690

Cedars-Sinai Medical Center
On-Site Nursing Programs (Master's in Nursing)
\$ 64,800

USC Hospital, Inc.
On-Site Nursing Program
\$ 180,084

HUGHES, CYNTHIA
US Department of Health and Human Services
Advanced Education Nursing
\$ 207,186
CA Office of Statewide Health Planning and Development
Family Nurse Practitioner Program: An International
Perspective
\$ 66,688

NIELSEN-MENICUCCI, KAREN
US Department of Health and Human Services
Scholarships for Disadvantaged Students (Discipline:
Nursing-Baccalaureate)
\$ 48,898
US Department of Health and Human Services
Advanced Education Nursing Traineeships
\$ 55,739

WASHINGTON, GAIL
Regents of UC
Center for Vulnerable Populations Research
\$ 10,000

SOCIAL WORK
ELLIOTT BROWN, KARIN
Los Angeles County
Inter-University Consortium
\$ 1,771,299
Regents of UC, Berkeley
CALSWEC: Mental Health Student Stipends
\$ 181,438
Regents of UC, Berkeley
Title IV-E Social Work Training Program
\$ 1,260,317
Los Angeles County
Inter University Consortium
\$ 1,771,299

RHEE, SIYON
US Department of Health and Human Services
CSULA Career Opportunities in Research Training Program
\$ 301,377

VILLA, VALENTINE
National Institutes of Health
NLM MedicinePlus En Español: Reaching and Empowering
the Latino Community
\$ 99,999
Beverly Hospital Foundation
Spanish Speaking Caregiver Support/Training Program
\$ 74,661

**COLLEGE OF NATURAL AND
SOCIAL SCIENCES**

BIOLOGICAL SCIENCES
DESHARNAIS, ROBERT
National Science Foundation
Virtual Courseware for Inquiry-based Science Education
\$ 1,299,272

Rockefeller University
Spectral Analysis of Population Time Series Using
Nonlinear Stochastic Models: Quantitative Tools and
Experiments
\$ 240,000

GAMON, JOHN
San Diego State University
Biocomplexity Associated with the Response of Tundra
Carbon Balance to Warming & Drying Across Multiple
Spatial and Temporal Scales
\$ 67,418

JEFFERSON, MARGARET
Regents of UC
STEP for Underutilized Population
\$ 410,827
CSU Sacramento
Louis Stokes Alliance for Minority Participation (LSAMP)-
Phase III
\$ 193,372
CSU Sacramento
Louis Stokes Alliance for Minority Participation
Bridges to the Doctorate (LSAMP-BD)
\$ 486,000

KRUG, PATRICK
National Science Foundation
RUI: Ecology and Evolution of Range Limits in
Intertidal Organisms
\$ 325,209

NISSEN, ROBERT
US Department of Health and Human Services
Health Careers Opportunity Program
\$ 412,941

PORTER, EDITH
US Department of Health and Human Services
Lipids: Effectors in Innate Immunity
\$ 176,500

ROBLES, CARLOS
National Science Foundation
CEA-CREST: Center for Environmental Analysis
\$ 3,428,149
CSU Sacramento
CSU Louis Stokes Alliance for Minority Participation
(LSAMP) - Phase III
\$ 476,113
National Science Foundation
CEA-CREST: Center for Environmental Analysis
\$ 326,207
National Science Foundation
CEA-CREST: Center for Environmental Analysis
\$ 87,686
National Science Foundation
CEA-CREST: Center for Environmental Analysis
\$ 83,849
National Science Foundation
CEA-CREST: Center for Environmental Analysis
\$ 97,381
National Science Foundation
CEA-CREST: Center for Environmental Analysis
\$ 95,857
National Science Foundation
CEA-CREST: Center for Environmental Analysis
\$ 109,020

RUSSO-NEUSTADT, AMELIA
USC
Exercise and Antidepressant Treatment in Brain Injury
\$ 112,759
US Department of Health and Human Services
Physical Activity, Antidepressants and BDNF Induction
\$ 280,542

SHARP, SANDRA
US Department of Health and Human Services
A Role for p53/MyoD Redundancy in Myogenesis?
\$ 203,057

TORRES, ELIZABETH
National Science Foundation
UMEB: Fostering Student Confidence and Capability in
Environmental Science
\$ 149,684

PRINCIPAL INVESTIGATOR LISTING OF GRANT AND CONTRACT AWARDS

CHEMISTRY AND BIOCHEMISTRY

BA, YONG

Research Corporation

Xenon NMR for the Study of Chromatography Column
\$ 42,683

American Chemical Society

Water Molecule Kinetics of Clathrate Hydrates Studied by
170 Spin-Echo Nuclear Magnetic Resonance
\$ 17,500

National Science Foundation

MRI: Acquisition of Instrumentation for Upgrading NMR
Facilities at California State University, Los Angeles
\$ 533,824

GOMEZ, FRANK

US Department of Health and Human Services

Capillary Electrophoresis: Bioanalytical Applications
\$ 141,200

National Science Foundation

CSULA-Caltech PREM Collaborative
\$ 1,720,000

US Department of Health and Human Services

Bioanalytical Application of Capillary Electrophoresis
\$ 141,200

National Science Foundation

RUI: Microfluidic/Capillary Electrophoresis Devices for
Chemical Analysis
\$ 450,000

California Institute of Technology

Materials Research Science & Engineering Centers - MRSEC
\$ 83,753

National Science Foundation

CSULA-Caltech PREM Collaborative
\$ 95,569

National Science Foundation

MRI: Instrument Development of Microfluidic-Based Flow-
Injection Capillary Electrophoresis
with Fiber - Optics Detection
\$ 138,069

GUTIERREZ, CARLOS

US Department of Health and Human Services

Cal State LA Biomedical PREP 06/07
\$ 242,366

US Department of Health and Human Services

Cal State LA Biomedical Post-Baccalaureate Research
Education Program (Biomed PREP)07/08
\$ 269,657

CSU Sacramento

Louis Stokes Alliance for Minority Participation Bridges to
the Doctorate (LSAMP-BD)
\$ 526,500

US Department of Health and Human Services

MARC 06/07 Undergraduate Student Training in
Academic Research
\$ 589,391

US Department of Health and Human Services

MARC 07/08 Undergraduate Student Training in
Academic Research
\$ 607,447

US Department of Health and Human Services

Minority Biomedical Career Enhancement at
CSULA - MBRS RISE 07/08
\$ 1,720,726

Minority Biomedical Career Enhancement at
CSULA - MBRS RISE 06/07
\$ 1,720,503

US Department of Health and Human Services

SCORE 06/07: Research Excellence at Cal State L.A.
\$ 3,229,865

Subproject PIs: Y. Ba, R. Durvasula, P. LaPolt, A. McCurdy,
J. Phinney, M. Selke, F. Zhou, S. Hawkins, N. McQueen, T.

Salmassi, L. Tunstad, R. Vellanoweth, H. Xu, K. Foster

US Department of Health and Human Services

SCORE 07/08: Research Excellence at Cal State L.A.
US Department of Health and Human Services
\$ 3,181,718

Subproject PIs: Y. Ba, R. Durvasula, P. LaPolt, A. McCurdy,
J. Phinney, M. Selke, F. Zhou, S. Hawkins, N. McQueen, T.
Salmassi, L. Tunstad, R. Vellanoweth, H. Xu, K. Foster

MOMAND, JAMIL

National Science Foundation

MRI: Acquisition of a Proteome Analyzer
\$ 347,328

National Science Foundation

BBSI: Southern California Bioinformatics Summer Institute
\$ 300,000

US Department of Health and Human Services

CSULA-COH Collaborative to Study Cancer Disparities
\$ 171,059

NICKOLAISEN, SCOTT

National Science Foundation

Research Experiences for Undergraduates in
Chemistry & Biochemistry
\$ 272,000

RUDD, JAMES

Regents of UC

GK-12 Science & Mathematics Inquiry in
Los Angeles Urban Schools
\$ 25,968

SELKE, MATTHIAS

Dreyfus Foundation

Chemistry of a Single Oxygen with Heteroatoms and
Organo-Metallics
\$ 60,000

TIKKANEN, WAYNE

National Science Foundation

RUI: Pentaarylcyclopentadienyls as Facially Directing
Ligands in Chiral Lewis Acid
\$ 336,999

National Science Foundation

CSULA Robert Noyce Scholarship Program
\$ 478,689

TUNSTAD, LINDA

US Department of Health and Human Services

Los Angeles Bridges for Minority Students to Biomedical
Research Careers Program
\$ 216,000

VELLANOWETH, ROBERT

US Department of Health and Human Services

Los Angeles Basin Bridges to the Ph.D. Program
\$ 214,498

ZHOU, FEIMENG

Dreyfus Foundation

Dreyfus Teacher-Scholar Award
\$ 60,000

National Science Foundation

RUI: Scanning Electrochemical Microscopy Combined
with Surface Plasmon Resonance for Studies of Localized
Surface Reactions and Fabrication of Multiplexing Sensors
\$ 160,000

GEOGRAPHY AND URBAN ANALYSIS

LA DOCHY, STEPHEN

Institute for Global Environmental Strategies

Introducing an On-line Earth System Science Education
Alliance Course for Pre-service Elementary Teachers
\$ 40,000

GEOLOGICAL SCIENCES

HIBBS, BARRY

State Water Resources Control Board

Comparing Multiple Methods for Removal of Selenium in
San Diego Creek and Newport Bay Watersheds
\$ 218,070

National Park Service

Water Quality Monitoring Protocol Preparation for the
Mediterranean Coast Inventory & Monitoring Network
\$ 36,425

Consultants for Environmental System Technologies

Meshless Petrov-Galerkin Geo-Environ Technology for
Wide Scale Field Uses
\$ 104,755

National Park Service

Implementation of Freshwater Water Quality Monitoring
Following a Draft Protocol Prepared for the Mediterranean
Coast Network
\$ 17,995

HISTORY

ENDY, CHRISTOPHER

National Endowment for the Humanities

Good Business in a Global Age: A History of Ethics,
Responsibility, and American Economic Expansion
\$ 40,000

WILD, MARK

National Endowment for the Humanities

Cultures of Engagement in an Era of Displacement
\$ 30,000

PRINCIPAL INVESTIGATOR LISTING OF GRANT AND CONTRACT AWARDS

YAO, PING

National Endowment for the Humanities

Women's Lives in Medieval China: An Anthology of Epitaphs from the Tang Dynasty (618-907)
\$ 39,987

MATHEMATICS

GRAY, SHIRLEY

National Science Foundation

The National Curve Bank Project - A MATH Archive
\$ 99,980

LIU, DAPHNE

National Science Foundation

RUI: Graph Coloring Parameters: Their Interplay with Number Theory Problems & Applications To Broadcast Communications
\$ 135,000

MHASKAR, HRUSHIKESH

Department of the Army

Neural and Quantum Computation for the Representation of Functions on Manifolds
\$ 275,685

National Science Foundation

RUI: Multiscale and Modeling of Scattered Data
\$ 131,856

SUBRAMANIAN, P.K.

National Security Agency

Multimedia Materials and Software in Marathi
\$ 94,189

PHYSICS AND ASTRONOMY

ANIOL, KONRAD

National Science Foundation

Precision Electromagnetic Studies of the Structure of Few Body Nuclei and Nucleons at Jefferson Lab
\$ 597,046

National Science Foundation

Precision Electromagnetic Studies of the Structure of Nuclei and Nucleons at Jefferson Lab
\$ 197,076

BERNAL, OSCAR

National Science Foundation

RUI: NMR Studies of Hidden Order and Quantum Criticality
\$ 68,000
NASA Jet Propulsion Laboratory
Research Apprenticeship Program
\$ 8,790

EPSTEIN, MARTIN

US Department of Education

University Preparatory Program
\$ 88,420

GILLAM, STEPHEN

National Science Foundation

RUI Site: Renewal of the Consortium for Undergrad Research Experience (CURE)
\$ 423,400

GREGORICH, DAVID

NASA Jet Propulsion Laboratory

Development of Simulation Algorithms for the Atmospheric Infrared Sounder
\$ 172,482

MIJIC, MILAN

National Science Foundation

Integrated Training Pipeline for Scientific Visualization
\$ 750,000

REZAYI, EDWARD

US Department of Energy

Numerical Studies of Collective Phenomena in Two-Dimensional Electron System
\$ 269,513

National Science Foundation

RUI: Highly Correlated Systems of Reduced Dimensionality: Quantum Hall Effect and Ultracold Atoms
\$ 114,000

RODRIGUEZ, JOSE

Air Force Office of Scientific Research

Pinning of the Vortex Lattice in Second-Generation Wires of High-Temperature Superconductors
\$ 96,142

TEREBEY, SUSAN

National Science Foundation

Science for Our Schools (SFOS)
\$ 1,527,521

ZHAO, GUO-MENG

Research Corporation

Oxygen-Isotope Effects on Electrical Transport and Magnetic Properties in Single Crystal
\$ 45,803

POLITICAL SCIENCE

LIM, TIMOTHY

Korea Research Foundation

South Korea & Global Migration
\$ 9,982

Bom-Bit Women Foundation

International Sex Trafficking of Korean Women
\$ 27,000

PAT BROWN INSTITUTE

REGALADO, JAIME

Washington Mutual

Public Policy Internship Program
\$ 20,000

Wells Fargo

PBI Public Policy Internship Program
\$ 5,000

California Wellness Foundation

Health Policy Outreach Center
\$ 135,000

Weingart Foundation

CEP: Youth On The Move
\$ 410,000

The California Endowment

Health Policy Outreach Center
\$ 99,353

Ahmanson Foundation

Community Policing Training Program
\$ 100,000

City of Los Angeles

The Youth & Gang Violence Intervention Specialist Training Program (Amendment #7)
\$ 200,000

Conrad N. Hilton Foundation

PBI - Youth Enrichment Program
\$ 25,000

Verizon

PBI - Youth Enrichment Program
\$ 10,000

Southern California Edison

PBI - Youth Enrichment Program
\$ 20,000

Kaiser Foundation Hospitals

Health Policy Outreach Center
\$ 45,000

CSULA Foundation (The James Irvine Foundation)

Public Policy Education Program
\$ 121,811

California Wellness Foundation

PBI - Youth Enrichment Program
\$ 150,000

STUDENT AFFAIRS

GEAR UP

ROSS, ANTHONY

US Department of Education

Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP)

\$ 2,879,999

US Department of Education

GEAR-UP

\$ 4,518,400

CAL-SOAP

ROSS, ANTHONY

CA Student Aid Commission

Cal-SOAP (California Student Opportunity and Access Program)

\$ 850,000

OFFICE FOR STUDENTS WITH DISABILITIES

ROSS, ANTHONY

CA Department of Rehabilitation

Work Ability IV (WAIV) Program
\$ 220,391

PRINCIPAL INVESTIGATOR LISTING OF GRANT AND CONTRACT AWARDS

CA Department of Rehabilitation

Work Ability IV (WAIV) Program
\$ 220,391

US Department of Education

Disabled Student Support Services
\$ 267,986

TALENT SEARCH

ROSS, ANTHONY

US Department of Education

San Gabriel Valley Educational Talent Search
\$ 403,060

US Department of Education

North East Los Angeles Educational Talent Search
\$ 250,261

UPWARD BOUND

ROSS, ANTHONY

US Department of Education

Upward Bound Regular 2003/2004
\$ 234,624

US Department of Education

Upward Bound Math & Science Competition 2003/2004
\$ 255,743

US Department of Education

Upward Bound Classic 2003/2004
\$ 380,665

US Department of Education

Regular Upward Bound - Los Angeles
\$ 293,163

US Department of Education

Regular Upward Bound - Pasadena
\$ 443,585

UAS

ANNA BING ARNOLD CHILDREN'S CENTER

KISOR, PAMELA

CA Department of Education

Pre-Kindergarten Resource Contracts
\$ 2,222

Plaza de la Raza Head Start, Inc.

Head Start Program Enhancement Services Contract
\$ 87,750

CA Department of Education

State Preschool Grant
\$ 38,008

CA Department of Education

Child Care Food Program 2006 (Federal)
\$ 86,190

CA Department of Education

Child Care Food Program 2006 (State)
\$ 3,000

CA Department of Education

General Center Child Care and Development Program
\$ 548,213

US Department of Education

Childcare Access Means Parents in Schools (CCAMPIS)
\$ 149,159

CA Department of Education

2006/07- Program Requirements for Infant and Toddler
Child Care Resource Program
\$ 3,192

CA Department of Education

Child Development Services - 2006/2007 Instructional
Materials
\$ 1,996

Plaza de la Raza Head Start, Inc.

Head Start Program Enhancement Services Contract
\$ 97,500

CA Department of Education

General Child Care
\$ 548,213

CA Department of Education

2007/08 Program Requirements for School-Age Child Care
Resource Program
\$ 2,000

CA Department of Education

State Preschool Grant
\$ 38,008



1



2



3



4



5



6



7



8



9



10



11



12



13



14



15

- 1 Anthony Ross
- 2 Carlos Robles
- 3 Desdemona Cardoza
- 4 Edith Porter
- 5 Ethan Lipton
- 6 Frank Gomez
- 7 Gay Yuen
- 8 Carolyn Frank
- 9 Karen Nielsen-Menicucci
- 10 Krishna Foster
- 11 Nancy Hunt
- 12 Pamela Kisor
- 13 Philip LaPolt
- 14 Ray De Leon
- 15 Robert Desharmais

Cal State L.A. allocates funding from other sources in addition to external grants and contracts to support the research of faculty and students. Examples of this support include the Seed Grant program administered by the Office of Graduate Studies and Research; the Research, Scholarship, and Creative Activity Program funded through an annual Chancellor's Office allocation; and the Student Travel to Professional Conferences Program that is funded through the state-supported Instructionally Related Activities Program and administered jointly by the Offices of Undergraduate Studies and Graduate Studies and Research. The following lists summarize awards recipients.

Office of
Research & Sponsored
Programs

UNIVERSITY SUPPORT FOR RESEARCH

2006-2007 SEED GRANT RECIPIENTS

Name	Department	Support	Targeted Agency or Activity
COSTELLO BROWN	Chemistry & Biochemistry	3 units	McNair Grant Proposal Development
FARY CACHELIN	Psychology	4 units	Guided Self-Help for Mexican American Women with Eating Disorders
KRISHNA FOSTER	Chemistry & Biochemistry	OE support	Symposium on Kinetics & Photochemical Processes in the Atmosphere
JIANG GUO	Computer Science	4 units	Towards Adaptive Architectures of the Wireless Network of Commercial Airline Fleet
ELAINE KANG	Computer Science	4 units	National Science Foundation Course, Curriculum & Laboratory Improvement Program
DAVID PETERSON	Special Education & Counseling	4 units	Center for Hispanic Rehabilitation Resources
SANDRA SHARP	Biological Sciences	4 units	Professional Science Master's Degree in Applied Biotechnology
HARMIT SINGH	Kinesiology & Nutritional Science	4 units	Biopolymeric Micro and Encapsulation Release and Targeting
KAVERI SUBRAHMANYAM	Psychology	4 units	Early Oral Language Development in English Language Learners in a Head Start Program
SCOTT WELLS	History	4 units	National Endowment for the Humanities
JONGWOOK WOO	Information Systems	4 units	The Integrated Information System for Heterogeneous Health Information

Office of
UNIVERSITY SUPPORT FOR RESEARCH

2006-07 RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITY AWARD RECIPIENTS



MANUEL AGUILAR (Art)
12 units release, "Publication of Field-Work Results of the Ulama Project, 2003-2006"

JON BEAUPRE (Communication Studies)
12 units release and \$4,200 minigrant, "Cool State Web Portal Development"

GAITHRI FERNANDO (Psychology)
12 units release and \$3,800 minigrant, "Love Hurts: Attitudes Towards, Attributions About, and Intervention in Domestic Violence in a Multiethnic Community"

MANISHA JAVERI (Applied & Advanced Studies in Education)
12 units release, "Technology Integration: A Framework for Systemic and Sustainable Best Practices in the Urban K-12 Schools of Los Angeles"

MANISHA JAVERI (Applied & Advanced Studies in Education)
\$4,650 minigrant, "Best Practices: Technology Integration in Urban K-12 Schools of Los Angeles"

ROBERT KENNISON (Psychology)
12 units release, "Implicit Learning in Young and Older Participants"

PATRICK KRUG (Biological Sciences)
12 units release, "Preparing Four Publications with Graduate and Undergraduate Student Co-Authors"

BRIGITTE MATTHIES (Psychology)
\$4,500 minigrant, "Classroom Friendly Examples of Psychotherapy Theories and Styles on DVD"

ROBERT NISSEN (Biological Sciences)
\$4,800 minigrant, "Characterization of a Zebrafish Mutant as a Model for Williams-Beuren Syndrome"

DEBORAH OH (Applied & Advanced Studies in Education)
\$3,500 minigrant, "Are Children Learning to Play or Playing to Learn?"

NATE ONDERDONK (Geological Sciences)
\$4,419 minigrant, "Rotation of Crustal Blocks Along the Tectonic Plate Boundary in Southern California"

SCOTT WELLS (History)
\$2,183 minigrant, "Identifying Existing and Necessary Resources for a B.A. Program in Comparative Religion at CSULA"

XIN WEN (Chemistry & Biochemistry)
12 units release, "Structural Elucidation of Interactions between Toxic Metal Ions and Neural Zinc Finger Factor 1"

ANN WOOD (Applied & Advanced Studies in Education)
\$4,320 minigrant, "ULRN Scholarship Project"



2006-2007 STUDENT TRAVEL TO PROFESSIONAL CONFERENCES GRANT RECIPIENTS

Office of
Research & Sponsored

First	Last	Department	Title	Location
Kristina	Kirstin	Communication Studies	Those Who Survive., and Department of Animal Services PSA's	Cannes, France
Crystal	Kieffer	Anthropology	New Music From Old Flutes: A Re-Examination of the Collection From Gypsum Cave, Southern Nevada	Austin, TX
Heather	Blekinsop	Anthropology	California Celts: Creating Community Identity in Public Space	London, England
Jennifer	Mercede	Anthropology	Gender and Jakalteq Caves	Austin, TX
Quang	Nguyen	Criminal Justice & Criminalistics	High-Resolution DNA Melt Curve Analysis to Establish STR Genotypic Identity	Nashville, TN
Saudeka	Shabazz	Applied & Advanced Studies in Education	Middle Class African American Vernacular English Perceptions and Use	Seattle, WA
Libby	Curriel	Communication Studies	Uncovering the Digital Divide: A Qualitative Exploration of Gender, Ethnicity, and Age and the Digital Divide; and Socialism or Death: Words to live and die by: Analyzing the Urgent Discourse of Hugo Chavez	Seattle, WA
Theresa	MacNeil	Communication Studies	Towards the Appropriateness of Using the "Race Card" Argument	Seattle, WA
Jessica	Magallanes	English	The Grief Market: A Personal Narrative on Profit, Memory, and Trauma in Art Spiegelman's Maus	Philadelphia, PA
Jessica	Gundy	Psychology	Differences in Perception of Food Amounts Between Purging and Non-purging Type Eating Disordered Women	Boston, MA
Bethany	Pabst	Biological Sciences	Diet Composition of Horn Sharks, Heterodontus in the Southern California Bight	San Francisco, CA
Carlos	Martinez	Biological Sciences	Responses of the Sea Star Pisaster Ochraceus to Density Manipulations and Consequent Changes in Prey Abundance	Redmond, WA
Efrat	Sadras	Anthropology	Jewish Identity and Religious Revival in Cuba	San Jose, CA
Sofia	Garcia	Chicano Studies	High School Dropout? Identifying High Schools that Fail Students	Santa Cruz, CA
Cristin	Embree	Anthropology	Cave Ritual Use Among the Northern Sinagua	Austin, TX
Eric	Bladh	Geography & Urban Analysis	Transit Oriented Developments	San Francisco, CA
Shirley	Mims	Physics & Astronomy	Reaching New Heights with the MISR Research Algorithm	Oakland, CA
Jessie	Chen	Applied & Advanced Studies in Education	Register in Korean English Codeswitching	Seattle, WA
Michelle	Perdon	Communication Studies	Self-Disclosure as an Argumentation Process	Seattle, WA
Kumiko	Shoda	Applied & Advanced Studies in Education	The EIKEN Test in Practical English Proficiency	Seattle, WA
Mai-Han	Nguyen	Applied & Advanced Studies in Education	Anxiety of ESL Students in Language Classrooms	San Diego, CA
Jenna	Watkinson	Communication Studies	Uncovering the Digital Divide: A Qualitative Exploration of Gender, Ethnicity, and Age and the Digital Divide	Seattle, WA
Hun	Jung	Geography & Urban Analysis	Improving Crop Type Mapping in the Antelope Valley by Using Tempora/Satellite Imagery	San Francisco, CA
Michael	Gainor	Geography & Urban Analysis	Terrestrial Altitude and Coronary Heart Disease	San Francisco, CA
Frederick	Stehle	Geography & Urban Analysis	The Geography of the Former Tarim River Delta Complex	San Francisco, CA
Petrouchka	Alexieva	Anthropology	Tuberculosis: The White Plague of the 21st Century	Tampa Bay, FL
James	Dabbagian	Communication Studies	Presidential Satire	Seattle, WA
Reina	Rodriguez	Chicano Studies	Across the Immigration Divide - Part One	San Jose, CA
Raphael	Lainez	Sociology	Departing Sexualities: Sending Queers Back in the Closet	San Jose, CA
Daniel	Topete	Chicano Studies	Across the Immigration Divide - Part One	San Jose, CA

CAMPUS RESEARCH AND TRAINING HIGHLIGHTS

Following is a brief sampling of the range of projects at Cal State L.A., representing the breadth of research and training activity in which Cal State L.A. faculty are engaged.

DESDEMONA CARDOZA (*Provost and former Dean of the College of Natural and Social Sciences*) is the principal investigator and **FEIMENG ZHOU** (*Chemistry and Biochemistry*) the program director, of a National Institutes of Health Research in Minority Institutions (RIMI) grant entitled "CSULA-RIMI: Faculty Career Development, Core Facility, and Biomedical Research Capacity Building." The program will enhance the research productivity and competitiveness of faculty members through collaborative research projects on campus and with external collaborators from several top research universities, as well as improvements to the infrastructure for biomedical research through acquisition of instrumentation and integration of research with teaching.

RAY DE LEON (*Kinesiology and Nutritional Science*) was recently awarded a five-year National Institutes of Health R01 grant, "Robotic Training and Modulation of BDNF Activity in Spinally Transected Rats." De Leon will be continuing his previously successful research on the role of BDNF in spinally transected rats that undergo treadmill training, with the goal of improving stepping in humans with spinal cord injuries. **AMELIA RUSSO-NEUSTADT** (*Biological Sciences*) currently has an R01 grant entitled "Physical Activity, Antidepressants and BDNF Induction," studying the effects of BDNF and physical activity on rats, leading to their application in the treatment of emotional disturbances in dementia.

The National Institutes of Health Minority Biomedical Research Support (MBRS) SCORE and RISE programs are designed to contribute to research excellence and minority student training for biomedical research. The programs, initially run as one program, have been a part of Cal State L.A. for more than 35 years, and have been run for many years by **CARLOS GUTIERREZ** (*Chemistry and Biochemistry*). Gutierrez also runs the Minority Access



to Research Careers (MARC) Undergraduate Training in Academic Research and Biomedical Post-Baccalaureate Research Education (Biomed PREP) programs as part of the consolidated Minority Opportunities in Research (MORE) programs. **SIMEON SLOVACEK** (*Applied and Advanced Studies in Education*) leads a multi-institutional effort with his R01 grant, "MORE R.E.S.U.L.T.S. (Research & Evaluation of Students Using Long-Term Studies)," to assess the effectiveness of the MORE programs in increasing interest, motivation, and preparedness for careers in biomedical research among underrepresented students.

CARLOS ROBLES (*Biological Sciences*) leads the Center for Environmental Analysis-CREST project, a multidisciplinary effort funded by the National Science Foundation and currently in its second five-year award. The Center supports faculty and students in environmentally related research and training among departments in the Colleges of Natural and Social Sciences and Engineering, Computer Science, and Technology.

JAMIL MOMAND (*Chemistry and Biochemistry*) directs the National Cancer Institute collaborative with City of Hope, an NCI-designated comprehensive cancer center, aimed at increasing the participation and capacity of minority students and faculty in cancer research, especially as it relates to cancer disparities among minority populations; and increasing our understanding, at the molecular, behavioral, and psychosocial levels, of cancer disparities among minority populations.

KARIN ELLIOTT BROWN (*Social Work*) runs the CalSWEC Full-Time and Part-Time Training Program, funded by the U.S. Department of Health and Human Services through a subcontract from UC Berkeley to provide training and support for graduate social work students who will commit to

CAMPUS RESEARCH AND TRAINING HIGHLIGHTS



employment in the California Department of Social Services, Child Welfare or the L.A. County Department of Children and Family Services.

The CSULA-Caltech Partnerships for Research and Education in Materials (PREM) Collaborative, funded by the National Science Foundation and led by **FRANK GOMEZ (Chemistry and Biochemistry)**, is enhancing the materials science research and education program at Cal State L.A. by expanding our collaboration with Caltech and the Center for the Science and Engineering of Materials. The goal is to develop highly trained undergraduate and graduate students for careers in research.

JOSEPH PETERSON (Criminal Justice and Criminalistics) is principal investigator on a National Institute of Justice grant, "The Role and Impact of Forensic Evidence on the Criminal Justice Process." The study includes a prospective analysis of official records data that follow criminal cases in four jurisdictions from the time of the police incident report to final criminal disposition. The study tracks the evidence from the crime scene to the analyst's bench and its examination and interpretation, and explores the quality of the scientific evidence and its ability to answer key questions about the alleged incident and persons responsible.

SACHIKO MATSUNAGA (Modern Languages and Literatures) leads the Strategic Language Initiative Program of the Southern Consortium of California State Universities for Cal State L.A., funded through a subcontract from CSU Long Beach from the National Security Education Program of the Institute of International Education. The first phase of the program brought together the infrastructure and language faculty expertise of six CSU campuses. The consortium is creating and piloting full-time intensive summer programs that integrate language learning with

Office of
Research & Sponsored
Programs

academic majors for career opportunities in government and industry. Each participating campus is offering a different language, with Cal State L.A. offering Korean.

CAROLYN FRANK and **ROBERT LAND (Applied and Advanced Studies in Education)** hold multiple awards from the National Writing Project Corporation and the University of California Regents for the Los Angeles Writing Project at Cal State L.A., which is affiliated with both the National Writing Project and the California Writing Project. The Los Angeles Writing Project at Cal State L.A. provides professional development for K-12 teachers and writing workshops for K-12 students, with the goals of improving student writing and learning, extending the uses of writing in other disciplines aside from English/language arts, providing effective professional development, and enhancing the professional role of successful classroom teachers in the Los Angeles area.

ORSP STAFF



Office of
Research & Sponsored
Programs



Cal State L.A.
University Auxiliary Services, Inc.

As the University's research corporation, UAS continues to serve as the Cal State L.A. University research administrator and fiscal officer for all externally sponsored activity. In 2005, the pre-award and post-award operations were consolidated under the combined Office of Research and Sponsored Programs (ORSP) under the management of UAS and program oversight of Academic Affairs. This consolidation of services and close collaboration allowed the University and UAS to work in tandem to deliver high-quality services when pursuing new funding opportunities, and for UAS to maintain the highest level of fiscal compliance, as required by external sponsors.

In addition, UAS also delivers all support services, such as Human Resources, Accounts Payable/Receivable, Procurement, and Payroll Services, to support the University's Research Enterprise. During this coming year, UAS will contract back with the University to provide Human Resources Management services related to its responsibilities as the

fiscal agent for externally sponsored programs.

The ORSP staff is extremely dedicated and highly committed to delivering the best possible services to the campus community of principal investigators, and is well aware of the need to maintain equilibrium between compliance and service delivery.

Annual audited financial statements are available from UAS, summarizing grants and contracts activity as well as the activity of other services delivered by UAS on behalf of the University. In addition to sponsored programs support, UAS manages all commercial operations on the campus, including the University Bookstore, campus food service venues, the Anna Bing Arnold Children's Center, and Golden Eagle Hospitality, Cal State L.A.'s Conference and Event Division.



R. DEAN CALVO
Executive Director
University Auxiliary Services, Inc.
Rdcalvo@cslanet.calstatela.edu
(323) 343-5830



ALMA P. SAHAGUN
Director of Grants and Contracts
Office of Research and Sponsored Programs
University Auxiliary Services, Inc.
Asahag@cslanet.calstatela.edu
(323) 343-5366



CALIFORNIA STATE UNIVERSITY, LOS ANGELES

Office of Research and Sponsored Programs
5151 State University Drive
Los Angeles, CA 90032
(323) 343-5366
www.calstatela.edu/academic/orsp/



Photo credits: Cal State L.A. Office of Public Affairs
FSC International
University-Student Union Graffix

DESIGN BY U-SU GRAFFIX