

**California State University
Dominguez Hills**

**Annual Report
Of**

**Research and Funded
Projects**

For

Fiscal Year

July 1, 2006 - June 30, 2007

Annual Report Summary

This annual report covers the period from July 1, 2006 to June 30, 2007. This time frame is used rather than the calendar year since the majority of reports submitted to federal and state agencies are based upon the fiscal year.

During fiscal year 2006-2007, the Office of Research and Funded Projects assisted 66 members of the CSUDH faculty and staff to submit 120 new competitive and continuing non-competitive proposals. The amount of external funds awarded to the university during this period was \$16,053,146. Figure 1 provides a comparison of grant award activity over the past five years. This fiscal year shows a percentage increase of 36% over FY 2005-06. The success rate of CSUDH is very respectable in that of the 120 proposals submitted, 77 were funded. This represents a funding success rate of 64% or 2 out of every 3 proposals. Additionally, the university earned \$1,215,705 in indirect costs, which represents a 8.69% return percentage on total direct costs.

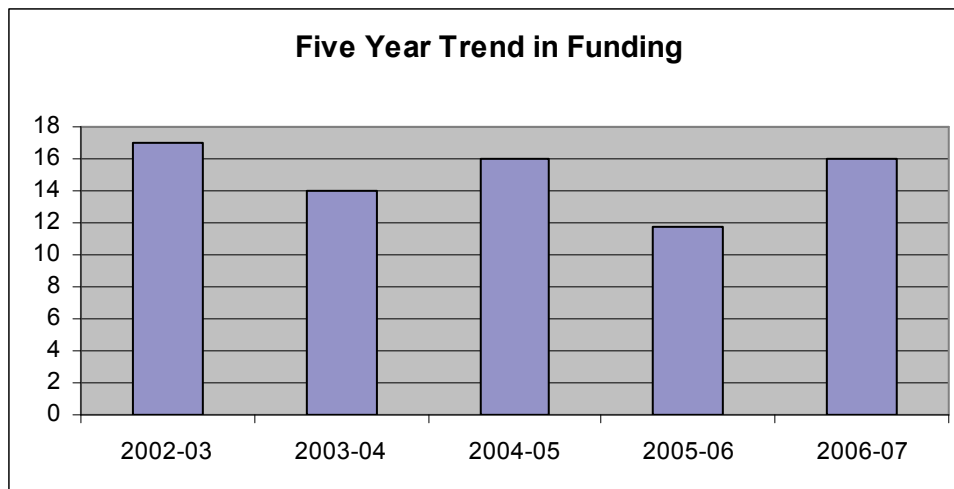


Figure 1. Amount of funding from external grant awards over the past five years

Federal, state, and private sources contributed to the overall external funding base. The percentage of external support from federal funding representing 41 awards equals 57% of the total dollars with the State funding 24 awards representing 39%. Combined funding from private organizations accounted for 4% of the support with 12 awards (Figure 2).

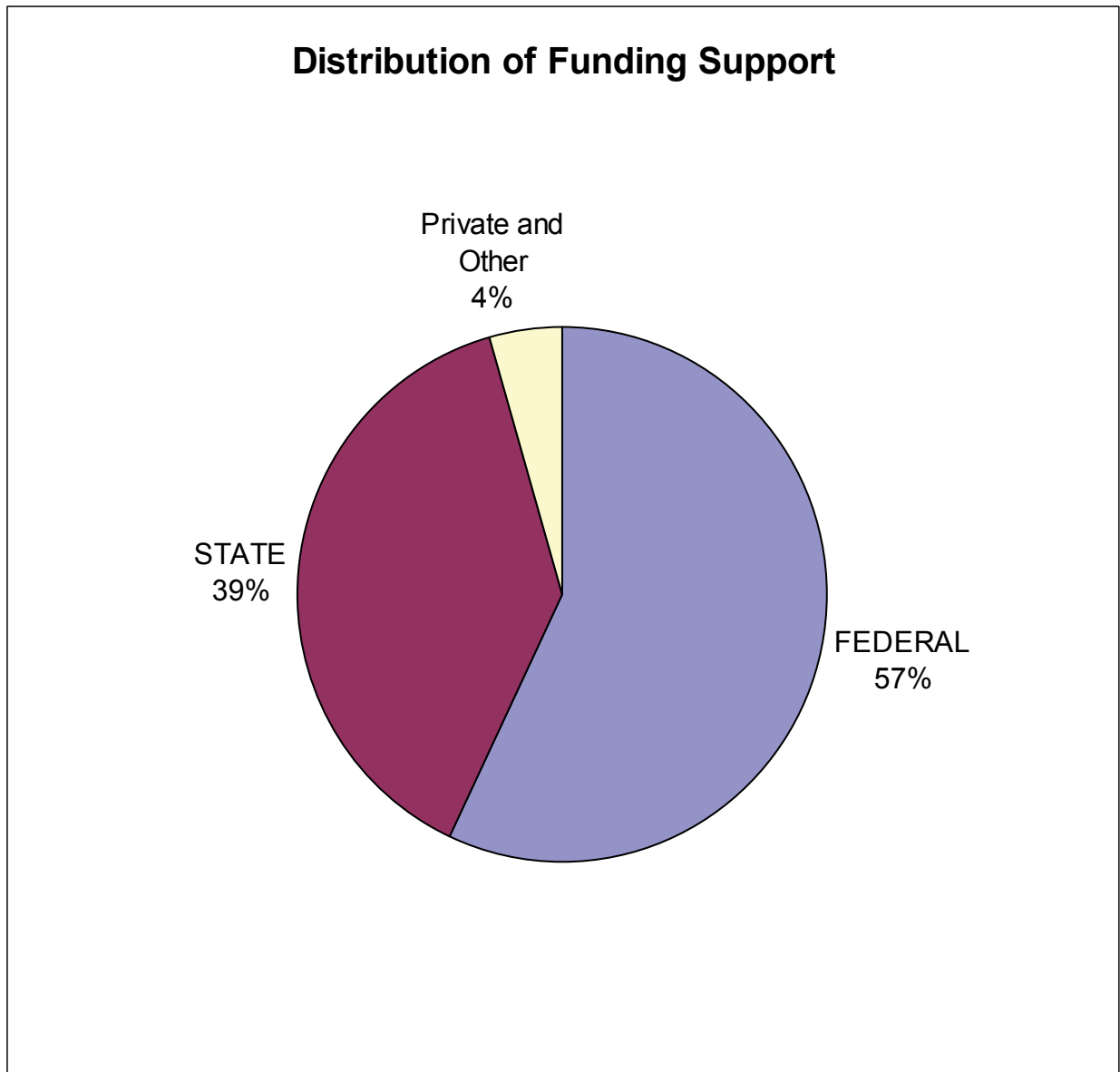


Figure 2. Percentage of external funding support from federal, state, and private sources for FY 2006-2007.

EXTERNAL AWARDS BY SOURCE

Each of the following agencies provided either grant or contract support during the 2006-2007 fiscal year. Though some made multiple awards, each agency is listed only once.

Federal Agencies (including pass through funds)

American Psychological Association/NIH	Rand Corp/NIH
Applied Quantum Medical Corp/NIH	U.S. Army Research Office
Americorps/Council of Great Schools	U.S. Department of Defense
Health Resources and Services Administration	U.S. Department of Education
LAUSD/NSF	U.S. Department of
National Institutes of Health	Health and Human Services
National Science Foundation	U.S. Small Business Administration

State and Local Agencies/ School Districts/ Universities

California Commission on Teacher Credentialing	Lennox USD
CA Dept of Health	Long Beach Unified School District
CA Dept of Education	Los Angeles Unified School District
CA Postsecondary Education Commission	Lynwood Unified School District
CA State Office of AIDS	Superior Court of LA
CSU Chancellor's Office	Tulare County Board of Education
CSU San Bernardino	UCLA
CSU Sacramento	University of Texas, El Paso
City of Los Angeles	University of California, Office of the President
First 5 LA—State of California	University of Wisconsin

Private and Other Sources

American Academy of Orthotics and Prosthetics	National Geographic Society
Boeing Corp	Norris Foundation
Consortium for Entrepreneurship Education	Petroleum Research Foundation
EA Foundation	Research Corporation
Ford Foundation	Shields Foundation
Georgia & Nolan Payton Foundation	St. Mary's Medical Center

The largest percentage of funds, 36%, was awarded to the College of Natural and Behavioral Science . Second was the College of Education with 35%, followed by the College of Health & Human Services with 10%. Figure 3 provides a graphical view of the percentage of awards received by each academic unit.

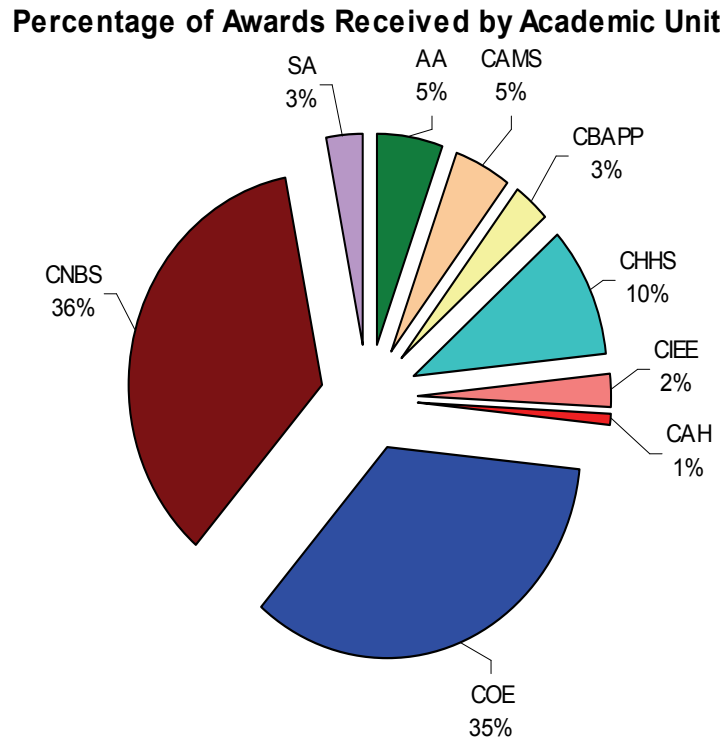


Figure 3. Grant award distribution by academic unit in FY 2006-2007.

- AA = Academic Affairs
- SA = Student Affairs
- CAMS = California Academy of Math and Science
- CBAPP = College of Business Administration and Public Policy
- CEIE = College of Extended and International Education
- CAH = College of Arts and Humanities
- COE = College of Education
- CHHS = College of Health & Human Services
- CNBS = College of Natural and Behavioral Sciences

Summary of Grant Activity by Academic Unit 2006-2007

Academic Unit	Total Proposals Submitted	FY 2006-07 Awards	Amount Funded	Percentage Increase or Decrease in Dollar Amounts from Prior FY
College of Arts and Humanities	6	4	144,229	-40%
College of Business Administration and Public Policy	2	1	493,614	887%
College of Education	30	22	5,580,700	30%
College of Extended and International Education	1	1	400,534	301%
College of Health and Human Services	11	7	1,595,580	-16%
College of Natural and Behavioral Sciences	58	34	5,699,664	94%
Academic Affairs	4	3	870,135	-30%
Student Affairs	5	2	485,689	64%
CAMS	3	3	783,000	-1%
TOTAL	120	77	16,053,146	36%

FY 2006—2007 INTERNAL GRANT ACTIVITY

**CSUDH Grant Programs
To
Support Faculty Scholarship
2006-2007**

**Research, Scholarship, and Creative Activity Program
(Sally Casanova RSCAAP)**

2006-2007 Fall Mini-Grant Competition

17 Applications; 7 Awards; Total of \$31,070 expended:

Barbara Kennedy, Nursing—*Young Multiethnic College Women’s Perception of HIV/STD Risk and the Impact on Decision-Making*

Karen Mason, Psychology—*Ethnic Disparities in the Factors Contributing to Resiliency in HIV-Infected Adults*

Richard Kravchak, Music—*A Recording of Contemporary Works for Oboe Solo*

John Price, Physics—*A Simulation Study of the CLAS Cerenkov Counter*

Vivian Price, IDS/PACE—*Transnational Labor Contractors: The Bracero Program*

Ashish Sinha, Earth Sciences—*Stalagmite Based Approach for Extending the Radiocarbon Timescale Calibration*

Tara Victor, Psychology—*Understanding Ethnic, Language and Cultural Variations on Neuropsychological Test Performance*

Travel Awards

Shannon Kelly - CSUPERB

Tieli Wang - CSUPERB

2006-2007 Summer Fellowship Award Competition (including WASC Awards)

34 Applications; 9 Awards; Total of \$30,400 expended

Jill Aguilar, Teacher Education—*Achieving Excellence in Art Education*

Debra Best, English—*The Uses and Depictions of Giants in Middle English Romance*

Sang Choi, Public Administration and Policy—*Empirical Analysis of the Diffusion of Self-Managed Work Teams*

Leena Furtado, Teacher Education—*Partners in Read-Aloud: Cross-Age Civic Engagement (WASC)*

Benito Gomez, Foreign Languages—*Spanish Postfeminism*

Patricia Kalayjian, IDS/PACE—*Highlighting Diversity through Creative Web Design (WASC)*

Hamid Pourmohammadi, Information Systems and Operations Management—*An Efficient Strategy for Goods Movement from/to a Port in the Los Angeles Metropolitan Area*

Tieli Wang, Chemistry—*Antioxidant Defense in Radiation Resistant Tumor Cells*

Xia Zhao, Management and Marketing—*How Entrepreneurial Firms Benefit from Strategic Alliances with Large Firms: An Empirical Study*

2006-2007 ORFP Proposal Development Awards

Kamal Hamden - Proposal submitted to NSF

Jose Morin, Chicano Studies - Proposal submitted to HUD

Molly Youngkin, English - Proposal submitted to NEH

Sohalia Shakib, Sociology - Proposal submitted to NIH

College of Arts & Humanities

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Marisela Chavez Chicana/Chicano Studies	Diversity Initiative	Ford Foundation	Awarded	0	40,000
Hansonia Caldwell Music	African Diasporas Sacred Music	Georgia & Nolan Payton Foundation	Awarded	0	15,000
Rod Hernandez English	Multicultural Identity	National Endowment for the Humanities	Pending	-	-
Jose Lopez Morin Chicano Studies	American Dream Center	HUD	Pending	-	-
Vivian Price IDS/PACE	Promoting Student Success	CSU Chancellor's Office	Awarded	-	25,229
Irene Vasquez Chicana/Chicano Studies	World Cultural Studies	Ford Foundation	Awarded	5,128	64,000

College of Business Administration and Public Policy

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Raoul Freeman Information Systems	Articulation between CSUDH and Comm. Colleges in Logistics	US Dept of Labor	Pending	-	-
James Strong CBAPP	Entrepreneurship Small Business Initiative	US Small Business Administration	Awarded	49,357	493,614

College of Health and Human Services

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Dennis Corbin Social Work	Urban Congregation's Capacity for HIV Care	Rand Corp/NIH Pass through	Awarded	2,874	10,438
Patricia Harvard- Hinchberger Nursing	Transitions in Women's Health	National Osteoporosis Foundation	Pending	-	-
Scott Hornbeak O & P	Professional Continuing Education-Course	Amer. Academy of Orthotics and Prosthetics	Awarded	2,115	28,548
Aja Lesh Nursing	School Readiness Initiative	First 5 LA	Awarded	37,896	959,725
Mitch Maki Office of the Dean	College Faculty Immersion Training	LA County Dept. of Mental Health	Pending	-	-
Larry Ortiz Social Work	Evaluation of First 5 Families	Shields for Families	Awarded	5,370	72,500
Larry Ortiz Social Work	Training Services Contract	City of Los Angeles	Awarded	14,488	340,764
Larry Ortiz Social Work	Inter-University Consortium Training Services	LA Co Dept of Children & Family Services	Pending	-	-
Carole Shea Nursing	BSN Course Work	St. Mary's Medical Center	Awarded	7,480	100,980
Carole Shea Nursing	MSN Course Work	Presbyterian Intercommunity Hospital	Pending	-	-
Rose Welch Nursing	Advanced Education Nursing Traineeship	DHHS-HRSA	Awarded	0	82,625

College of International and Extended Education

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Margaret Gordon CIEE	Employment Training Program	California Employment Training Panel	Awarded	15,405	400,534

College of Education

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Kelli Beard Jordan Teacher Ed	Personnel Preparation for Special Ed	US Dept of Education	Awarded	14,812	199,956
Carrie Ann Blackaller Special Ed	Special Ed	CCTC- Lennox USD	Awarded	70,000	875,000
Carrie Blackaller Special Ed	Special Ed	CCTC Pass thru LAUSD	Awarded	370	5,000
Carrie Blackaller Special Ed	Special Ed Intern	CCTC-thru Lennox USD	Awarded	21,107	264,000
Joseph Braun Teacher Ed	QED	US Dept of Education	Awarded	71,755	1,088,559
Joseph Braun Teacher Ed	Cost Share to QED	Boeing Co.	Awarded	2,963	40,000
Jim Cantor Teacher Ed	Alternative Certification	LAUSD-CCTC	Awarded	370	5,000
Lynne Cook Dean	Special Ed Personnel Development	US Dept of Education	Awarded	7,406	99,986
Lynne Cook Dean	Teacher Recruitment	Tulare County Board of Education	Awarded	6,444	87,000
Leena Furtado Graduate Education	Closing the Gender Gap	Haynes Foundation	Not Funded	-	-
Pat Gallagher Teacher Education	Training Personnel to Serve Children with Disabilities	US Dept of Education	Not Funded	-	-
Pat Gallagher Teacher Education	Preparation for Early Childhood Special Ed	US Dept of Education	Pending	-	-
Richard Gordon Teacher Ed	Transition Initiative	Santee High School	Awarded	778	10,000
Kamal Hamdan Teacher Ed	Transition to Teaching	US Dept of Education	Awarded	41,288	832,406
Kamal Hamdan Teacher Ed	Video Case Studies for Cooperative Learning	US Dept of Education	Not Funded	-	-
Kamal Hamdan Teacher Ed	Noyce Scholarship Program	NSF	Pending	-	-

**College of Education
(continued)**

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Lisa Hutton Teacher Ed	CA History	UCOP- CSUDH Foundation	Awarded	1,287	17,375
Lisa Hutton Teacher Ed	CA History	UCOP- CSUDH Foundation	Awarded	1,163	15,695
Lisa Hutton Teacher Ed	Teaching American History	Lynwood USD	Awarded	16,246	219,325
Shirley Lal Teacher Ed	TPC_SCALE	Univ of Wisconsin/ NSF Pass thru	Awarded	31,761	115,343
Caron Mellblom CLASS	Americorps	Council of Great City Schools	Awarded	3,307	66,168
Caron Mellblom CLASS	Americorps	LBUSD	Awarded	0	2,919
Caron Mellblom CLASS	Gear-Up	LBUSD- USDOEd	Awarded	15,041	203,047
Doris Okada Special Ed	Infant Toddler Center	California Dept of Ed	Awarded	41,244	556,793
Doris Okada Special Ed	GO-SERV	California Dept of Ed	Awarded	6,292	132,130
Sharon Russell Teacher Ed	Alt. Teacher Cert Program	CCTC- Lennox USD	Awarded	50,000	625,000
Sharon Russell Teacher Ed	Teacher Education Intern	CCTC- Lennox USD	Awarded	9,594	120,000
Sharon Russell Teacher Ed	Literacy, Language and Leadership	US Dept of Education	Pending	-	-
Ann Selmi Teacher Ed	Training Personnel to Serve School Age Children	US Dept of Education	Not Funded	-	-
Ann Selmi Teacher Ed	Low Incidence Personnel Prep Program	US Dept of Education	Pending	-	-

College of Natural and Behavioral Science

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Jackie Barab Mathematics	CA Math Project	UC-Office of the president	Awarded	1,850	38,850
Jackie Barab Mathematics	SCALE	NSF thru University of Wisconsin	Awarded	121,234	1,554,344
Jackie Barab Mathematics	SCALE	NSF thru University of Wisconsin	Awarded	0	450,000
Mohsen Beheshti Computer Science	Mentor Protégé Program	Boeing	Awarded	10,118	136,593
Mohsen Beheshti Computer Science	BPC-A: Computing Alliance for HSI	NSF through Univ. of Texas, El Paso	Awarded	10,456	57,771
Mohsen Beheshti Computer Science	Mentor Paired Programming	NSF	Pending	-	-
Ricky Bluthenthal Sociology	Syringe Technical Assistance Project	CA State Office of AIDS	Awarded	7,174	55,000
Ricky Bluthenthal Sociology	Syringe Disposal Study	CA Dept of Health Services	Awarded	25,582	450,000
Ricky Bluthenthal Sociology	Drug Policy Alliance	NIH Pass thru Rand Corporation	Awarded	13,768	50,000
Ricky Bluthenthal Sociology	Evaluation of Syringe Exchange Service	City of Los Angeles	Awarded	5,954	21,622
Antonia Boadi Computer Science	Intelligence Community-Center of Acad Excellence	NSF Pass thru CSU-San Bernardino	Awarded	9,588	57,529
Antonia Boadi Computer Science	Web-Accessible Grid-Computing Resource	NSF	Not Funded	-	-
Antonia Boadi Computer Science	CSUDH-STARTUP	US Dept of Education	Awarded	7,386	99,714
Antonia Boadi Computer Science	JUMPSTART	US Dept of Education/ FIPSE	Pending	-	-
Helen Chun Biology	ATM Regulation Via PP2A and Ceramide	NIH/ AREA	Awarded	57,000	207,000

**College of Natural and Behavioral Science
(continued)**

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Helen Chun Biology	ATM Deactivation in Cells	CSU Chancellor's Office/ CSUPERB	Not Funded	-	-
Ken Cullings Biology	Dwarf Mistletoe Infection Effects	US Dept of Agriculture	Not Funded	-	-
Ken Cullings Biology	Influence of Refuge Trees on Fungi	NSF	Not Funded	-	-
Ramona Davis Psychology	Development of Minority Students	APA/NIH Pass Thru	Awarded	1,800	24,300
Ramona Davis Psychology	Developing Minority Biomedical Students	NIH-American Psychological Society	Awarded	422	5,700
Ken Ganezer Physics	Nuclear Reactor- based Anti Matter Experiment	NSF	Not Funded	-	-
Ken Ganezer Physics	Neutrino Mixing Super-K	NSF	Awarded	26,765	97,200
Ken Ganezer Physics	Bone Densitometry	AQM/NIH Pass through	Awarded	9,280	35,700
Ken Ganezer Physics	Neutrino Physics and Super K Astrophysics	NSF	Not Funded	-	-
Ken Ganezer Physics	Neutrino Mixing Supplement	NSF	Not Funded	-	-
Jian Han Computer Science	Developing Graph Algorithms	Chancellor's Office/ CSUPERB	Awarded	0	10,000
Eunice Krinsky Mathematics	SCALE	University of Wisconsin/NSF Pass thru	Awarded	59,577	750,000
Eunice Krinsky Mathematics	Professional Devel- opment Services	LAUSD/ NSF Pass thru	Awarded	0	270,000
Leonardo Martinez Chemistry	MBRS SCORE @ CSUDH	DHHS-NIH	Awarded	38,476	139,730
Robyn McGee Women's Center	Students Against Violence in Educ	US Dept. of Justice	Pending	-	-
Brendan McNulty Earth Science	Characterization of MTBE	NSF	Not Funded	-	-

**College of Natural and Behavioral Science
(continued)**

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Terry McGlynn Biology	Nutrients and Ant Fauna	National Geographic Society	Awarded	0	18,569
Jerry Moore Anthropology	Architecture: Power in Peru	NSF Supplement	Awarded	0	3,978
Matt Mutchler Sociology	HIV/AIDS: Impact of Medicare Part D Benefit	UCOP	Awarded	22,000	110,000
Matt Mutchler Sociology	Evaluation of Treatment Advocacy in HIV	Rand Corporation/ NIH Pass thru	Awarded	510	6,886
Wai Yan Pong Mathematics	Louis Stokes AMP	Sacramento State University/ NSF Pass thru	Awarded	0	62,486
John Price Physics	Photoproduction of Cascade Hyperons at CLAS	NSF	Not Funded	-	-
John Price Physics	Photoproduction of Cascade Hyperons at CLAS	US Dept of Energy	Pending	-	-
John Price Physics	Novel Baryon Spectroscopy w/ CLAS Detector	Research Corporation	Awarded	0	37,218
Lihung Pu Chemistry	Student Supplement	Petroleum Research Foundation	Awarded	0	4,500
Laura Robles Biology	MBRS-RISE @ CSUDH	DHHS-NIH	Awarded	24,292	327,939
Laura Robles Biology	MBRS SCORE @ CSUDH	DHHS-NIH	Awarded	7,943	28,845
Laura Robles Biology	MBRS SCORE @ CSUDH	DHHS-NIH	Awarded	60,024	217,982
Laura Robles Biology	MARC U*STAR	NIH	Pending	-	-
Silvia Santos Psychology	MBRS SCORE @ CSUDH	DHHS-NIH	Awarded	18,449	66,999

**College of Natural and Behavioral Science
(continued)**

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Carl Sneed Psychology	Problem Behavior Theory	Canadian Embassy	Not Funded	-	-
Carl Sneed Psychology	Gang Diversion Program	Haynes Foundation	Not Funded	-	-
Carl Sneed Psychology	Impact on STD And HIV Risks	CDC	Pending	-	-
Carl Sneed Psychology	Adolescent Communication about Sex	NIH	Not Funded	-	-
Alex Stanoyevitch Sociology	The HIV Epidemic in Central America	RAND Corp	Pending	-	-
John Thomlinson Biology	CRISP	US Dept Of Defense	Not Funded	-	-
John Thomlinson Biology	Equipment for Ecology and Envi- ronmental Biology	The Ralph M. Parsons Foundation	Not Funded	-	-
Tieli Wang Chemistry	Molecular Mecha- nisms Controlling Srx and PrxII	Research Corporation	Not Funded	-	-
Tieli Wang Chemistry	Interaction of Srx and PrxII Proteins	NIH AREA	Not Funded	-	-
John Wilkins Mathematics	CSUDH Mathematics Project	CA Mathematics Project	Pending	-	-
John Wilkins Mathematics	CA—CSUDH Mathematics Project	UCOP-Pass thru US DOE-CA DOE	Awarded	4,900	66,150
John Wilkins Mathematics	CSUDH Mathematics Project	CPEC Pass thru UCLA	Awarded	4,741	124,010
Stan Yoshinobu Mathematics	Inquiry Based Workshop	EA Foundation	Awarded	8,374	113,050

Academic Affairs

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Tanika Foster Spates Service Learning	Americorps Justice	Superior Court of LA	Awarded	0	10,736
David Horne African Am. Political and Economic Inst	Study of the United States Institutes for Student leaders	US Dept of State	Not Funded	-	-
David Nishioka Gateways	Title V-Opening Academic Gateways	US Dept of Education	Awarded	0	639,399
Michelle Waiters McNair	CSUDH McNair Scholars Program	US Dept of Education	Awarded	13,330	220,000

California Academy of Math and Science

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Kathy Clark CAMS	Consortium for Entrepreneurship Education	Norris Foundation	Awarded	0	3,000
Kathy Clark CAMS	CAMS Support	Norris Foundation	Awarded	0	30,000
Kathy Clark CAMS	CAMS Support	LBUSD	Awarded	55,556	750,000

Student Affairs

PI/ Department	Project Title	Funding Agency	Status	Indirect	Total
Boice Bowman VP Office	Upward Bound Year 1	US Dept of Education	Awarded	18,519	250,000
Boice Bowman VP Office	SSS-TRIO	US Dept of Education	Awarded	17,296	235,689
Imelda Quintanar EOP	Toro Networking	GenCorp	Not Funded	-	-
Chiquita Waters Child Dev Center	Acquisition of Play- ground Equipment	Weingart Foun- dation	Not Funded	-	-
Chiquita Waters Child Dev Center	Playground Canopy	Boeing Co.	Pending	-	-