



SOUTHWESTERN COLLEGE
Grants and Development

GRANTS and CONTRACTS

ANNUAL REPORT

FY 2007 - 2008

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GRANTS AND DEVELOPMENT



GRANTS AND CONTRACTS

Fiscal Year 2007-08

ANNUAL REPORT

Southwestern College (SWC) received over \$2.4 million in supplemental funding to support twenty (20) projects that otherwise would not have been possible through the College's state appropriations. Projects spanned the following:

- Workforce preparation and economic development activities for educationally and economically disadvantaged populations;
- Outreach activities that orient low-income middle and high school students to post-secondary education;
- Innovative curriculum and program development activities to improve student learning; and
- Community and business/industry partnerships that strengthen College programs, advance its mission and provide opportunities for enriched student learning.

The following schools and programs represent College entities that have obtained grant funds during Fiscal Year 2007-08. Examples of grant-funded projects within the respective schools and programs are listed below.

ACADEMIC AFFAIRS

HIGHER EDUCATION CENTER AT NATIONAL CITY (HEC)

Microenterprise Family Child Care Business Program (9/28/05-9/28/08)

The U.S. Department of Housing and Urban Development (HUD) granted three-year (2005-2008) funding in the amount of \$600,000 under the Hispanic Serving Institutions Assisting Communities Program, for the project entitled, "Microenterprise Family Child Care Business Program." The project focuses on education and training that will enable students to open their own licensed home-based child care business. The program received third year funding in the amount of \$207,726.

Healthcare Laboratory Workforce Initiative CLS/MLT Training Grants Program (3/14/08-3/1/09)

The Higher Education Center at National City received \$49,800 in first time funding from the Healthcare Foundation of Northern and Central California. California faces a critical labor shortage of health care professionals and Southwestern College received funding to establish a National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) accredited Medical Laboratory Technician Associate Degree Program. This program will be the only MLT Program serving all of San Diego and Imperial Counties and will be a major contributor to the future workforce of local clinical laboratory facilities.

Department of Boating and Waterways /SWC Crown Cove Aquatic Center (2/1/03-1/31/23)

The Higher Education Center at National City secured \$40,000 from the State of California Department of Boating and Waterways to purchase boating equipment and to provide supplemental funding in the form of scholarships for youth in the surrounding communities. These scholarships allow for the reduction in regular program fees to lower income families who may not have access to boating activities at similar, higher priced facilities. The new equipment will accommodate the growing sail program and compliment the new gangway and floating platform. In addition, through these programs, community members are made aware of the alternative possibilities of physical education available at SWC.

Boating & Waterways National Safe Boating Week/SWC Crown Cove Aquatic Center (5/17-5/23/08)

The Higher Education Center at National City received \$2,000 in grant funds from the State of California Department of Boating and Waterways in support of the Crown Cove Aquatic Center Annual Open House held on Sunday, May 18, 2008, for National Safe Boating Week. Open house activities included instruction in safe kayaking, sailing, and Hawaiian Outrigger. Attendees received informational brochures and pamphlets promoting Crown Cove Aquatic Center's college credit boating classes, summer camps and youth/group programs.

HIGHER EDUCATION CENTER AT OTAY MESA (HEC)

Nursing Capacity Building Program (4/1/06-8/31/08)

SWC received \$93,947 in year three funding (7/1/07-6/30/08) from the California Community Colleges Chancellor's Office for the Capacity Building for Nursing Program to expand its current nursing program by twenty (20) students to meet the local nursing shortage. This grant will enable SWC to expand its outstanding nursing program by creating a high quality alternative evening/ weekend program for prospective students on the two-year waiting list.

Workforce Investment Act Governor's Discretionary Fund Nurse Education Initiative for Associate Degree Nursing – Subcontract (6/1/06-6/30/10)

SWC's Higher Education Center at Otay Mesa received \$38,400 in year three funding (7/1/07-6/30/08) to participate in a collaborative grant program entitled, "Regional Nursing Education Partnership of San Diego and Imperial Counties" to expand nursing student enrollment and related support services along with three other partner colleges: Grossmont College, Imperial Valley College, and San Diego City College. SWC is required to admit an additional twenty (20) nursing students each year for four years.

SCHOOL OF CONTINUING EDUCATION, ECONOMIC & WORKFORCE DEVELOPMENT

Small Business Development Center (SBDC Region Center) – U.S. Small Business Administration (1/1/08-12/31/08)

The Small Business Development Center Network (SBDC Network) provides programmatic, administrative, and fiscal oversight of three SBDC's delivering counseling and training to small businesses throughout San Diego and Imperial Counties. Over 100 community, business, and government partnerships are in place through the Network. In fiscal year 2007-08, the Network provided 1,606 entrepreneurs with managerial consulting, provided training to 2,476 attendees, and held 230 seminars on various business topics. These services led to the start-up of 58 business ventures.

The overall economic impact on the local economy was \$39,016,226. Funding for CY 2008 was provided by the U.S. Small Business Administration in the amount of \$869,549.

Community Development Block Grant- Micro-Enterprise Assistance (CDBG) - (7/1/08-6/30/09)

The City of San Diego has awarded the School of Continuing Education, Economic and Workforce Development – San Diego Contracting Opportunities Center a Micro-Enterprise Assistance grant in the amount of \$30,000. Funds are used to offer government contracting and procurement technical assistance to micro-enterprise small businesses in the City of San Diego by providing technical counseling, training and workshop opportunities, as well as bid plan room and electronic bid matching services. The project teaches business owners the basics of government contracting through one-on-one counseling with professional government procurement specialists and through targeted workshop and training sessions.

San Diego Contracting Opportunities Center - City of San Diego Small Business Enhancement Program (SBEP)/Defense Logistics Agency/Unified Port of San Diego

The San Diego Contracting Opportunities Center (SDCOC) assists small businesses in competing for public sector/government contract awards by providing services such as educational workshops, government contract counseling, and bid/solicitation services. The total SDCOC budget for the year was \$592,373 which consisted of funding from federal and local government agencies and their prime contractors. Included were competitive grants received in the amount of \$24,000 from the City of San Diego (SBEP), \$5,000 from the Unified Port of San Diego and \$267,055 from the Defense Logistics Agency.

The SDCOC provided initial government contracting technical assistance to 410 new clients. It also conducted 1287 follow-up counseling sessions with small business clients. The SDCOC sponsored 62 workshops for small businesses, processed 439 bid packages; and made 16,679 bid plan center client notifications. As a result of these efforts, SDCOC clients attributed \$87,738,057 in government contract awards to the services provided by the SDCOC. These awards resulted in 1754 full-time and part-time jobs. The average cost per job created was \$171 in local funding. Seventy-five (75) percent of the contracts received were awarded to “disadvantaged” clients, 63% to women-owned small business clients, while 10% were awarded to disabled veteran clients.

IME Fellowship Program (10/1/07-9/30/08)

The Institute for Mexicans Abroad and the Binational Education Initiative at the California Policy Research Center, University of California granted The School of Continuing Education, Economic & Workforce Development for Southwestern College \$14,000 in funding. The purpose of the IME-Becas project was to expand and enhance the services provided to Settled Immigrant Professionals by focusing on comprehensive career counseling in order to secure career ladder positions in the career of their choice. Grant funding provided \$200 stipends to qualified students, who completed the “Using Your Foreign Degree in the United States” noncredit course and related counseling, to help defray costs associated with evaluation of their Mexican University transcripts for U.S. equivalency and/or purchasing necessary textbooks.

SCHOOL OF MATHEMATICS, SCIENCE, AND ENGINEERING

Biotechnology Education and Training Sequence Investment (BETSI) Phase II (8/1/07-7/31/10)

Engaging the Community through Nurturing Biotechnology Interests and Pursuits.

The National Science Foundation awarded SWC's School of Mathematics, Science and Engineering Biotechnology Program a \$526,099.00 three-year grant (2007-2010). The annual funding is as follows: year one, \$169,949, year two, \$174,165 and year three, \$181,985. The project duration can be extended for two additional years at no cost. The focus of the second phase of the BETSI Project (BETSI II) is student recruitment, which includes outreach to the parents. BETSI II will continue the successful practices of the first phase which include:

- o Outreach to three SUHSD schools (Eastlake, Bonita, Hilltop) in the form of:
 - § teacher training
 - § classroom facilitation through the BETSI mobile lab
 - § SWC Biotech Program participants as high school in-class TAs
 - § supervision by the BETSI Outreach Director
- o Updating of the SWC Biotechnology Program
- o Research internships

In an effort to increase the investment in community awareness, BETSI II continues to develop recruitment strategies and build the basis for a sustainability plan which allows for the replication of the successful program practices throughout the Sweetwater Union High School District, the largest high school district in the state of California.

STEP Partnership of San Diego (10/1/07-9/30/11)

The National Science Foundation awarded Southwestern College's Mathematics, Engineering and Science Achievement (MESA) Program (housed in the School of Mathematics, Science and Engineering) \$74,128 for first year funding (10/1/07-9/30/08) to support the STEP Partnership of San Diego (SPSD). The STEP partnership of San Diego creates a regional partnership of educational institutions and industry that form a STEM (Science, Technology, Engineering, and Mathematics) pipeline from community college to university to STEM industry. The goals of the SPSPD are to increase the numbers of students in STEM fields and effectively expand their participation in these fields, expand education and career pathways of underrepresented populations, increase the retention of such students and increase their graduation rate from 4-year institutions. The SPSPD also aims to increase the number of underrepresented students participating in STEM industry internships and research programs and to promote opportunities in STEM post-graduate studies for underrepresented students.

Nanofabrication of Optical Structures - Subcontract (6/1/07-5/31/08)

The School of Mathematics, Science and Engineering received a \$30,000 subcontract from Ondax, Inc. supported by funds from the National Science Foundation (NSF) SBIR Phase IICC program. This project gives students the unique opportunity to study chemical properties of a proprietary glass material manufactured by Ondax, Inc. The project allowed SWC students to be paid to engage in authentic research activities and collaborate with a successful small business enterprise. Funds were used not only to pay the students for their time, but also to support their travel to Washington D.C. to present their research at the 2008 Posters on the Hill event, hosted by the Council on Undergraduate Research. Accompanied by their mentor and grant administrator, Dr. David Brown, this annual event provides select students the opportunity to showcase their research results on Capitol Hill. SWC is the second community college to participate in the history of this highly competitive and prestigious event.

CCLI Phase I - Bridging Community College Chemistry Faculty into the National Educational Community - Subcontract (10/1/07-9/30/10)

Cabrillo Community College District awarded Southwestern College's School of Mathematics, Science and Engineering a subcontract in the amount of \$27,738 in first time funding (10/1/07-9/30/10) to support the cultivation of two-year college (2YC) chemistry faculty. Over the grant's three year period, a minimum of three symposia will be held, providing role models and mentoring for 2YC faculty who are interested in obtaining and implementing external grants, adopt new educational innovations and interact with faculty from four-year colleges. Upon its conclusion, this project is expected to have aided the dissemination of NSF projects, raised the awareness of NSF funding opportunities, increased the number of proposals submitted by 2YCs or having co-PIs from 2YCs, catalyzed the formation of a scholarly community of a 2YC chemists and created collaborations and partnerships among two and four-year chemistry faculty.

Geospatial Technology (GST) Program at Southwestern College (8/1/08-7/31/11)

The National Science Foundation awarded The School of Mathematics, Science and Engineering at Southwestern College a multi-year grant, with first year funding (8/1/08-7/31/09) in the amount of \$103,819. This project will establish a comprehensive program in Geospatial Technology (GST) on SWC's campus which will complements the already in progress Geographic Information Science (GIS) program at Southwestern College. Geospatial Technology is the specialized set of information technologies (Such as aerial photography, remote sensing, surveying, and global positioning systems) that support a wide variety of uses; from data acquisition, to data storage and manipulation, to image analysis, to geovisualization display and output. Today, a significant need exists within the workforce of San Diego County for personnel trained in the theory and use of geospatial technology software and hardware. The GST program is a collaborative effort between faculty from divisions across the entire campus. The atmosphere of state-of-the-art facilities, strong institutional support, cross-discipline collaboration, and regional need lends itself extremely well for a successful GST program at Southwestern College.

National Geospatial Technology Center - Subcontract (9/1/08-9/31/2012)

Southwestern College's School of Mathematics, Science and Engineering has partnered with Del Mar College in a multi-year subcontract in the amount of \$190,665. The purpose of this opportunity is to improve geospatial technology education at the community and technical college level to increase the number, diversity, and quality of geospatial technology professionals. Specifically SWC will contribute by developing new geospatial technology (GST) courses to be used as potential national articulation templates, develop and submit at least one new online GST learning module per year to the National GST website, co-host regional summer workshops (with SDSU) and direct the minority recruitment initiative to increase underserved populations participation in geospatial programs nationwide. SWC will also focus on the recruitment of new industry partners and new high-school, college and university partners to collaborate on articulation agreements. Additionally, GST faculty at SWC will present their findings and recommendations several times a year on both the state and national level.

STUDENT AFFAIRS

STUDENT ACTIVITIES AND HEALTH SERVICES

Early Learning & School Readiness AmeriCorps Program (ELSRAP) (8/1/06-12/31/09)

SWC's Student Activities and Health Services received funds from the Foundation for California Community Colleges in the amount of \$60,045 (year two funding) for the Early Learning & School Readiness AmeriCorps Program (ELSRAP). The focus of SWC's ELSRAP program targets school readiness for preschoolers entering kindergarten. In addition, the services of neighborhood school readiness centers are strengthened by providing additional programs and services to children and their parents. Parent training is provided and long-term volunteers are recruited to serve in neighborhood school readiness centers.

OUTREACH

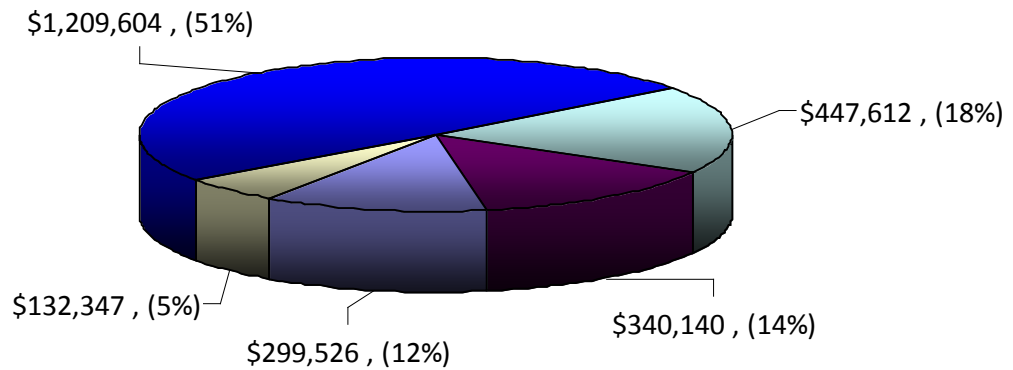
Gaining Early Awareness & Readiness for Undergraduate Programs (GEAR UP) – Subcontract (9/1/05-8/30/11)

The Sweetwater Union High School District subcontracted with Southwestern College for year three funding in the amount of \$280,095, in support of U.S. Department of Education Gaining Early Awareness and Readiness for Undergraduate Programs. This six-year program targets high poverty middle and high school students and is designed to increase the number of low income students who are prepared to enter post-secondary education.

Table 1
Grants/Contracts Summary Report
Fiscal Year 2006-07

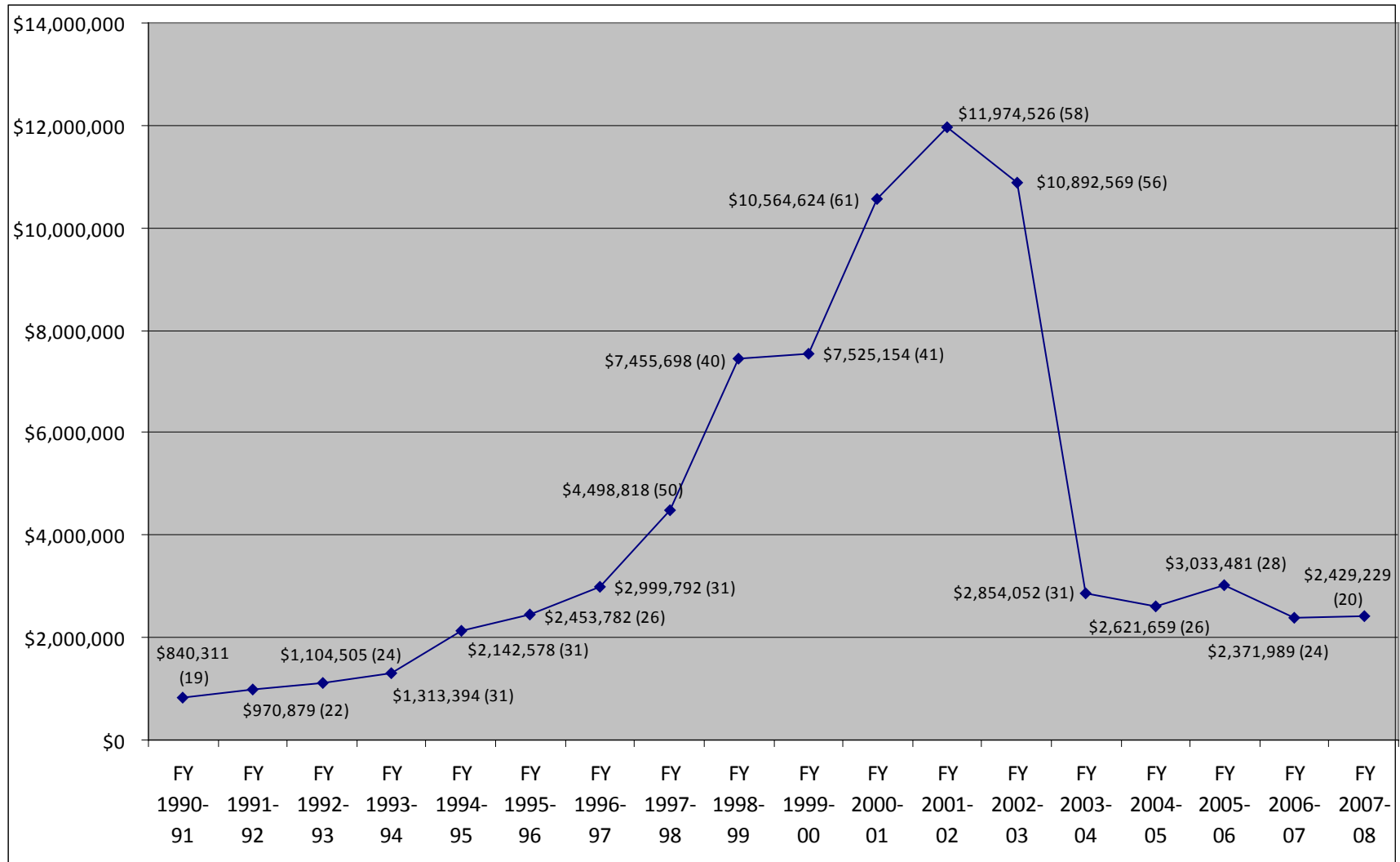
Grant Title	Project Director/ Supervisor	Amount Awarded	Funding Source	Grant Recipient
Biotechnology Education & Training Sequence Investment – Phase II (BETSI II)	N. Bakhiet/Atwater/ Tyner	\$169,949	National Science Foundation	SWC
CCLI Phase I - Bridging Community College Chemistry Faculty into the National Educational Community - Subcontract	Brown/Tyner	\$27,738	Cabrillo College	SWC
Department of Boating and Waterways/SWC Crown Cove Aquatic Center	Jacobs/Kinney	\$40,000	California Department of Boating & Waterways	SWC
Early Learning & School Readiness AmeriCorps Program (ELSRAP)	Taft/McClellan	\$60,045	Foundation for California Community Colleges	SWC
Gaining Early Awareness & Readiness for Undergraduate Programs (GEAR UP) – Subcontract	Poveda/Sandoval	\$280,095	Sweetwater Union High School District	SWC
Geospatial Technology Program	Yanow/Tyner	\$103,819	National Science Foundation	SWC
Healthcare Laboratory Workforce Initiative CLS/MLT Training Grants Program	Nunez/Perri	\$49,800	California Community College Chancellor's Office	SWC
Institute for Mexican's Abroad (IME) Fellowship Program	Edwards- LiPera/Wylie	\$14,000	The Institute for Mexican's Abroad/ Binational Education Initiative at the California Policy Research Center, University of California	SWC
Microenterprise Family Child Care Business Program	Nagura/Kinney	\$207,726	Housing and Urban Development (HUD – Hispanic Serving Institutions Assisting Communities (HSIAC)	SWC
Nanofabrication of Optical Structures – Subcontract	Brown/Tyner	\$30,000	Ondax, Inc.	SWC
National Geospatial Technology Center	Yanow/Tyner	\$41,978	National Science Foundation	SWC
National Safe Boating Week	Jacobs/Kinney	\$2,000	California Department of Boating & Waterways	SWC
San Diego Contracting Opportunities Center (SDCOC)	Schalin/Wylie	\$30,000 \$267,055 \$5,000 \$24,000	Community Development Block Program - City of San Diego Defense Logistics Agency San Diego Unified Port District Small Business Enhancement Program - City of San Diego	SWC SWC Foundation SWC SWC
Small Business Development Center Network	Trujillo/Wylie	\$869,549	U.S. Small Business Administration	SWC
STEP Partnership San Diego (SPSD)	R. Bakhiet/Tyner	\$74,128	National Science Foundation	SWC
Southwestern College Nursing Program – Higher Education Center Otay Mesa	McJannet/Suarez	\$38,400 \$93,947	Workforce Investment Act Discretionary Fund Nurse Education Initiative for Associate Degree Nursing - CCCCO/ Grossmont College Nursing Capacity Building Program - CCCCO	SWC SWC
GRAND TOTAL		\$2,429,229		

**SWC Grant Awards by School/Department Fiscal Year
2007-08 Total Funding
\$2,429,229**



- Higher Education Center, National City
- Higher Education Center, Otay Mesa
- School of Continuing Education, Economic & Workforce Development
- School of Mathematics, Science & Engineering
- Office of Student Affairs (Student Activities & Health Services/Outreach)

SWC History of Grant Awards Fiscal Year 1990-91 through Fiscal Year 2007-08



Please note: Amounts in parentheses indicate the number of grant awards.

*The rise in activity for fiscal years 1998-99 through 2002-03 includes the combined total of competitive and non-competitive grant awards.

SOUTHWESTERN COLLEGE

Grants and Development

GRANTS and CONTRACTS INDIRECT COST REPORT

FISCAL YEAR 2007-08

Prepared by:
Linda Gilstrap, Director of Grants and Development
Date: November 12, 2008

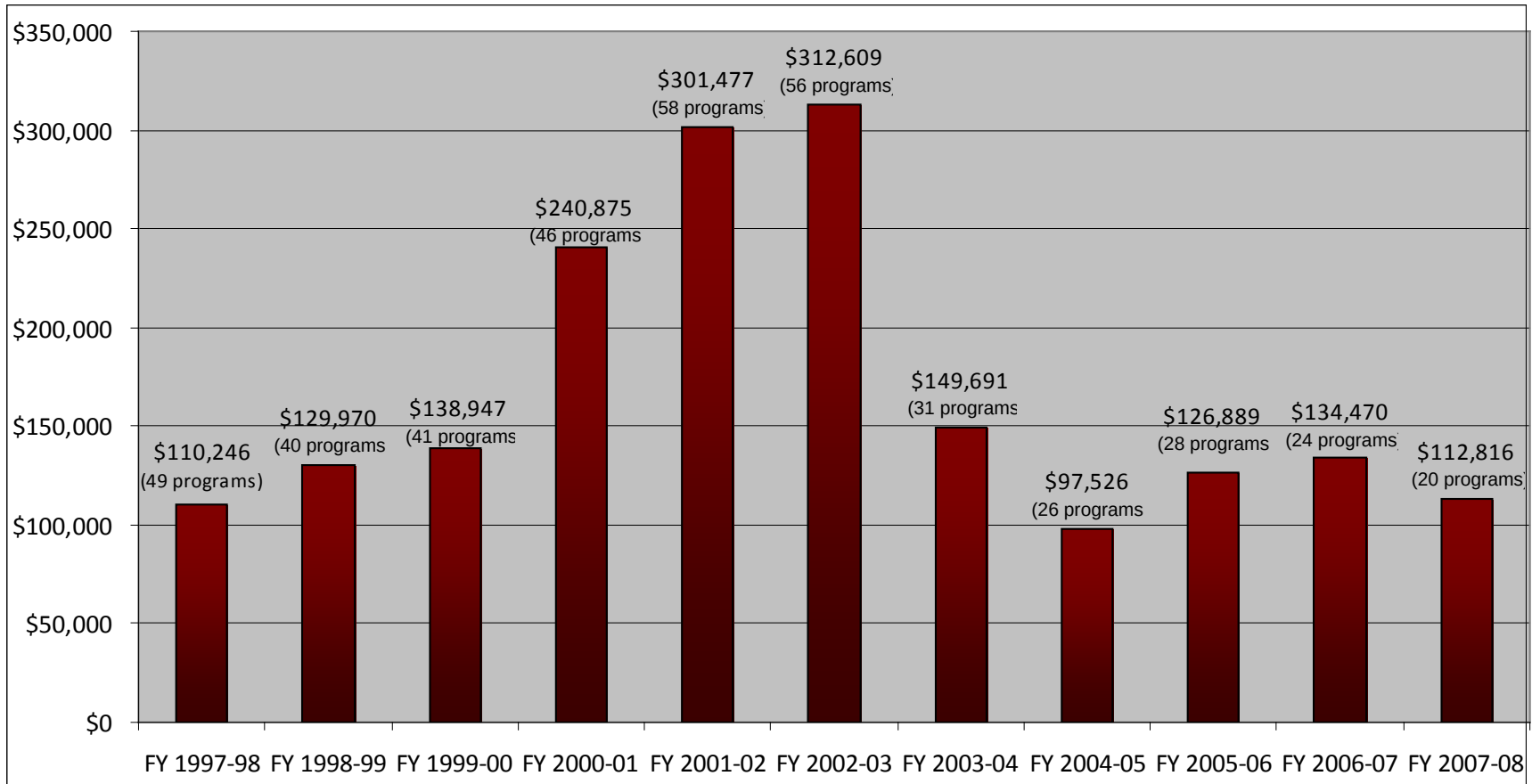
Grants and Contracts Indirect Cost Report

Fiscal Year 2007-08

Grant Title	Project Director/ Supervisor	Amount Awarded	Funding Source	Maximum Allowable Indirect Cost Rate	Amount of Indirect rate	Source of Funding
Biotechnology Education & Training Sequence Investment – Phase II (BETSI II)	N. Bakhiet/Atwater/ Tyner	\$169,949	National Science Foundation	10%	\$15,540	Federal
CCLI Phase I - Bridging Community College Chemistry Faculty into the National Educational Community - Subcontract	Brown/Tyner	\$27,738	Cabrillo College	9%	\$2523	State
Community Development Block Grant (CDBG) Micro-Enterprise assistance -SDCOC	Schalin/Wylie	\$30,000	City of San Diego	8%	\$2222	Local
Department of Boating and Waterways/SWC Crown Cove Aquatic Center	Jacobs/Kinney	\$40,000	California Department of Boating & Waterways	n/a	-0-	State
Early Learning & School Readiness AmeriCorps Program (ELSRAP)	Taft/McClellan	\$60,045	Foundation for California Community Colleges	8%	\$6211	State
Gaining Early Awareness & Readiness for Undergraduate Programs (GEAR UP) – Subcontract	Poveda/Sandoval	\$280,095	Sweetwater Union High School District	8%	\$22,407	Local
Geospatial Technology Program	Yanow/Tyner	\$103,819	National Science Foundation	10%	\$8893	Federal
Healthcare Laboratory Workforce Initiative CLS/MLT Training Grants Program	Nunez/Perri	\$49,800	California Community College Chancellor's Office	n/a	-0-	State
Institute for Mexican's Abroad (IME) Fellowship Program	Edwards-LiPera/Wylie	\$14,000	The Institute for Mexican's Abroad/ Binational Education Initiative at the California Policy Research Center, University of California	n/a	-0-	Local
Microenterprise Family Child Care Business Program	Nagura/Kinney	\$207,726	Housing and Urban Development (HUD) – Hispanic Serving Institutions Serving Communities (HSIAC)	10%	\$20,772	Federal
Nanofabrication of Optical Structures – Subcontract	Brown/Tyner	\$30,000	Ondax, Inc.	n/a	-0-	Local
National Geospatial Technology Center - Subcontract	Yanow/Tyner	\$41,978	Del Mar College	10% of direct	\$3816	Federal
National Safe Boating Week	Jacobs/Kinney	\$2,000	California Department of Boating & Waterways	n/a	-0-	State
Nursing Capacity Building Program	McJannet/Suarez	\$93,947	California Community College Chancellor's Office	4%	\$3757	State
Procurement Technical Assistance Center Services	Schalin/Wylie	\$267,055	Defense Logistics Agency	n/a	-0-	Federal
San Diego Contracting Opportunities Center – Procurement Technical Assistance Center	Schalin/Wylie	\$5,000	San Diego Unified Port District	8%	\$370	Local
Small Business Development Center Network	Trujillo/Wylie	\$869,549	U.S. Small Business Administration	4% Lead & SBDITC Centers	\$19,566	Federal
Small Business Enhancement Program (SBEP) – SDCOC	Schalin/Wylie	\$24,000	City of San Diego	n/a	-0-	Local
STEP Partnership San Diego (SPSD)	R. Bakhiet/Tyner	\$74,128	National Science Foundation	10%	\$6739	Federal
Workforce Investment Act – Discretionary Fund Nurse Education Initiative for Associate Degree Nursing	McJannet/Suarez	\$38,400	California Community College Chancellor's Office/Grossmont College	n/a	-0-	State
GRAND TOTAL		\$2,221,503.00		Total Indirect:	\$112,816	

Grants/Contracts Indirect and Administrative Costa Analysis
Fiscal Years
1997-98 through 2007-08

Dollars Recouped



Please note: Amounts in parentheses indicate the number of grant awards.

The rise in activity for fiscal years 1998-99 through 2002-03 includes the combined total of competitive and non competitive grant wards.