

September 13, 2006

MEMORANDUM

TO: Members of the Governing Board
Southwestern Community College District

FROM: Neil Yoneji
Interim Superintendent/President

PREPARED BY: Linda Gilstrap
Director, Grants and Development

SUBJECT: Annual Report on Grants and Contracts 2005-2006

RECOMMENDATION

For information and discussion only.

OVERVIEW

The enclosed report reflects competitive grant awards from federal, state, local, and private sector sources that Southwestern College has received as of June 30, 2006 for Fiscal Year 2005-06.

Using a centralized grants management approach, the Grants Program assists faculty and staff in obtaining funding as well as in maintaining the College's reputation with its external funding sources by:

- selectively targeting funding opportunities;
- disseminating grant-related information on a consistent and regular basis;
- providing technical assistance in proposal writing;
- assisting faculty and staff with project concept development;
- assisting faculty and staff with project budget development, including matching cost requirements and indirect/administrative cost requirements;
- serving as a single point of contact for boilerplate statistical information on the College;
- establishing an ongoing system for training faculty and staff in grant writing;
- assisting in the cultivation of partnerships, both on campus and with external entities;
- ensuring that all proposals and reports are packaged in accordance with funding source and institutional standards and submitted on a timely basis; and
- advocating for the College with its grant sponsors and the community at large.

FISCAL IMPACT/FUNDING SOURCE

From July 1, 2005 to June 30, 2006, a total of \$3,033,481 in grants and contracts have been awarded to support 28 projects. The funding sources represent federal, state and local government and private entities. In addition \$126,889 has been recouped in indirect costs this past fiscal year.

LG:ga

SOUTHWESTERN COLLEGE

Grants and Development

GRANTS and CONTRACTS ANNUAL REPORT

FY 2005 - 2006



Prepared by:
Linda Gilstrap, Director of Grants and
Gaea Armour, Grants Technician
Date: September 13, 2006

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Grants and Contracts

FISCAL YEAR 2005-06

ANNUAL REPORT

Southwestern College (SWC) received over \$3 million in supplemental funding to support twenty-eight (28) 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 2005-06. Examples of grant-funded projects within the respective schools and programs are listed below.

ACADEMIC AFFAIRS

OFFICE OF INSTRUCTION

Hispanic Serving Institution (HSI) Title V is a \$2,339,667 five-year grant from the U.S. Department of Education that focuses on one overarching goal – “faculty and curriculum development to improve student learning outcomes.” The grant is designed **to address faculty and curriculum development and the infusion of interactive technology, cultural diversity and learning strategies, and academic support services; matriculation services; and counseling services.** In 2005-06, year five, the program received \$430,575 in grant funds.

HIGHER EDUCATION CENTER AT NATIONAL CITY (HEC)

The U.S. Department of Housing and Urban Development (HUD) granted \$600,000 under the Hispanic Serving Institutions Assisting Communities Program, for the project entitled Microenterprise Family Child Care Business Program. **This project focuses on education and training that will enable students to open their own licensed home-based childcare business.**

SCHOOL OF CONTINUING EDUCATION, ECONOMIC & WORKFORCE DEVELOPMENT

SWC received \$151,000 from Arbor E&T, LLC (formerly TTI America) **to provide intake, eligibility, career counseling, and assessment services in workforce preparation for clients of the South County Career Center.** Clients include Workforce Investment Act eligible youth, adults and dislocated workers participants and other community members. A total of 1,346 educationally and economically disadvantaged youth and adults were served, inclusive of 801 Workforce Investment Act (WIA) participants, and 545 non-credit course participants.

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 05-06, the Network provided 1,969 entrepreneurs with managerial consulting, provided training to 2,232 attendees, and held 183 seminars on various business topics. These services led to the start-up of 35 business ventures, 141 new jobs, 281 jobs retained.

Through The Veterans Corporation grant, the Small Business Development Center Network (SBDC Network) **delivered entrepreneurial consulting and/or training to 704 Veterans (including Reservists, Active Duty) in 05-06.** Of these, 76 entrepreneurs were Disabled/Service Disabled. Consulting to Veterans resulted in 21 new business starts, 25 jobs created, 157 jobs retained, equity investment totaling \$154,000 and an expansion in sales of \$3,972,000.

Through the Citigroup Training grant, the Small Business Development Center Network (SBDC Network) **delivered four intensive entrepreneurial training programs to a total of 51 participants from various areas of San Diego County.**

The San Diego Contracting Opportunities Center (SDCOC) **assists small businesses in competing for contract awards by providing services such as educational workshops, government contract counseling, and bid/solicitation services.** The SDCOC budget for the year was \$301,000 with combined grant funding from local government agencies as follows: the City of San Diego, the City of Santee, the San Diego County Water Authority, the San Diego Association of Governments (SANDAG), the Otay Water District, the Unified Port of San Diego, and the San Diego County Regional Airport Authority. Corporate sponsors included: Booz Allen Hamilton, Goodrich Aerostructures, Harper Construction, L-3 Communications, Northrop Grumman and Qualcomm. Matching funding was provided by the U.S. Department of Defense. The SDCOC sponsored 47 workshops for small businesses, reaching 682 participants; processed 512 bid packages; and made 10,881 bid plan center client notifications. As a result of these efforts, SDCOC clients produced \$30,842,092 in government contract awards from 405 reported award actions and created or retained 725 full-time and part-time jobs based on \$42,500 per job.

The U.S. Bank has granted SBDITC \$10,000 **to complete the roll out of SDBizlink.com aka ta.com, which will complete the County Reinvestment Task Force's vision for providing integrated and monitored technical assistance to the small business community.** The roll out will be a collaborative with the City of San Diego SD BizGuide.com to include marketing, printing of the marketing materials, launching the site, taking care of miscellaneous programming updates and refinements, defraying costs of program coordination, domain registration, web hosting and bandwidth.

SCHOOL OF HEALTH, EXERCISE SCIENCE, AND ATHLETICS

SWC's School of Health, Exercise Science, and Athletics received \$60,000 in grant funds for the National Youth Sports Program (NYSP), partnering with the National Collegiate Athletic Association and the U.S. Department of Health and Human Services. The NYSP **provides disadvantaged youth with academic (math & science) and athletic (swimming, water sports and fitness) instruction to improve learning habits and physical fitness.** Program participants experience a collegiate learning environment and receive customized instruction, a medical screening with appropriate follow-up, nutritious meals, and transportation. The California Department of Education Nutrition Services provides funding in the amount of \$19,980 to assist SWC with the meals and snacks for the duration of the five-week program.

The School of Health, Exercise Science, and Athletics secured \$26,000 from the State of California and the Department of Boating and Waterways **to acquire equipment and provide scholarships for students to learn boating and boating safety training at the new Crown Cove Aquatic Center in Coronado.** These youth programs are designed to provide affordable boating instruction to the South Bay community. In addition, through these programs, community members are made aware of the alternative possibilities of physical education available at SWC.

SCHOOL OF LANGUAGES AND HUMANITIES

The School of Languages and Humanities received \$27,500 from the San Diego State University Foundation to participate in the Teacher Recruitment and Preparation project which identifies and **encourages students from minority backgrounds to pursue teaching careers.** This program also enhances transfer possibilities through increased curriculum assistance with San Diego State University (SDSU) and improved transfer center assistance to students.

SCHOOL OF MATHEMATICS, SCIENCE, AND ENGINEERING

SWC's School of Mathematics, Science, and Engineering received \$5,000 from the San Diego State University (SDSU) Foundation for its Bridges to the Baccalaureate program, with the goal of **increasing the academic success and transfer rate of ethnically underrepresented students with majors related to biomedical science.**

SWC's School of Mathematics, Science, and Engineering received funds from the National Science Foundation in the amount of \$160,279 for the Biotechnology Education and Training Sequence Investment (BETSI) Project. Over the three-year BETSI Project grant period, **more than 3,000 Sweetwater Union High School District (SUHSD) students will access challenging biotechnology instruction, work to rigorous yearly benchmarks and have the support to meet those expectations.** During the same period, **a total of 12 SUHSD science teachers will receive intensive professional development at summer and fall institutes to upgrade their content knowledge and biotechnology instructional strategies.** The BETSI Project will sustain that training with opportunities for peer collaboration and vertical teaming throughout the year. SUHSD teacher cohorts will create model lesson plans and present those lessons to each new cohort for review and refinement.

SWC's School of Mathematics, Science, and Engineering received \$9,712 from the National Science Foundation subcontract with University of Nevada, Reno for a program entitled A Novel Synthesis and Sintering Process for Nanostructured Oxide and Carbide Ceramic Composites, which is **useful in determining the molecular environment of the Cyanide complexes formed inside the micelles**. This information is necessary in order to optimize the formation of the desired complexes, which can be controlled by modifying the amount of reactants.

The Earth Sciences Department at SWC has received institutional funding for the past three years to develop a Center for Earth System Studies (CESS), complete with state-of-the-art hardware and software, including high-end computers, plotters, printers, digital cameras, global positioning system (GPS) units, spectrometers, a weather station, and industry leading image processing and GIS software. The National Science Foundation has granted the GIS Technology program in the amount of \$98,792 **to be built upon the foundation of CES and will emphasize the theory and the application of the hardware and software to solving problems similar to those encountered in the local industry (both the private and public sectors)**. The atmosphere of state-of-the-art facilities combined with strong institutional support and cross-discipline collaboration lends itself very well for the establishment of a high quality program in GIS Technology.

SCHOOL OF TECHNOLOGY AND HUMAN SERVICES

The U.S. Department of Education granted \$56,301 for the Child Care Access Means Parents in School Program (CCAMPIS) to expand its current Child Development Center (CDC) services **to provide childcare and bilingual school readiness resources for 20 additional low income student spaces**. This grant will augment CDC's operating budget of \$144,262 to better serve the childcare need of its predominately Hispanic low income student families.

SWC's School of Technology and Human Services received \$58,400 **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 3 other partner colleges: Grossmont College, Imperial Valley College, and San Diego City College**. SWC will be required to admit an additional 50 nursing students each year for 4 years.

SWC received \$179,294 from the California Community Colleges Chancellor's Office for the Capacity Building for Nursing Program **to expand its current nursing program by twenty students (20) 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.

STUDENT AFFAIRS

STUDENT ACTIVITIES AND HEALTH SERVICES

SWC's Student Activities and Health Services received funds from the Foundation for California Community Colleges in the amount of \$70,644 for the AmeriCorps Local Readiness Emergency Team (ALERT) program. SWC's ALERT program **will teach children and families in the South Bay to understand disaster/emergency preparedness**. They will participate in a

variety of activities with members such as class presentations, service projects and volunteer service.

OUTREACH

The Sweetwater Union High School District subcontracted with Southwestern College for \$280,553 in support of U.S. Department of Education Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP). 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 2005-06**

Grant Title	Project Director/ Supervisor	Amount Awarded	Funding Source	Grant Recipient
A Novel Synthesis and Sintering Process for Nanostructures Oxide and Carbide Ceramic Composites	Brown/Tyner	\$9,712	National Science Foundation	SWC
AmeriCorps Local Readiness Emergency Team (ALERT)	Ricasa-Bagaporo/ McClellan	\$70,644	Foundation for California Community Colleges	SWC
Biotechnology Education & Training Sequence Investment (BETSI)	Bakhiet/Tyner	\$160,279	National Science Foundation	SWC
Boating Safety Scholarship/Training Program/SWC Crown Cove Aquatic Center	Jacobs/Davis	\$26,000	Department of Boating & Waterways State of California	SWC
Bridges to the Baccalaureate Program	Bakhiet/Tyner	\$5,000 (subcontract)	San Diego State University (SDSU) Foundation	SWC
Child Care Access Means Parents in School Program	Bartow/Axson	\$56,301	U.S. Department of Education	SWC
Gaining Early Awareness & Readiness for Undergraduate Programs (GEAR UP)	Poveda/Sandoval	\$280,553 (subcontract)	Sweetwater Union High School District	SWC
Geographic Information Systems (GIS) Science Technology Program	Yanow/Tyner	\$98,792	National Science Foundation	SWC
Microenterprise Family Child Care Business Program	Nagura/Wylie	\$183,700	Housing and Urban Development (HUD) – Hispanic Serving Institutions Assisting Communities (HSIAC)	SWC
National Youth Sports Program	Davis/Dyeste	\$60,000	U.S. Dept. of Health & Human Services	SWC
Nursing Capacity Building Program	Comstock/Axson	\$179,294	Chancellor's Office California Community Colleges	SWC
NYSP/Summer Food Program	Davis/Dyeste	\$19,980	CA Dept. of Ed. Nutrition Services	SWC
San Diego Contracting Opportunity Center (SDCOC)	Schalin/Wylie	\$60,000 \$5,000 \$15,000 \$24,000 \$150,000 \$10,000 \$20,000 \$15,000	San Diego County Water Authority Otay Water District City of Santee City of San Diego SBEP Defense Logistics Agency (DLA) SANDAG Unified Port of San Diego S. D. County Reg. Airport Authority	SWC SWC SWC SWC SWC Foundation SWC SWC SWC
Small Business Development and International Trade Center (SBDITC)				
<ul style="list-style-type: none"> ▪ SBDC Region Center ▪ SBDC Region Center ▪ SBDC Citigroup ▪ SBDITC U.S. Bank 	<ul style="list-style-type: none"> Trujillo/Wylie Trujillo/Wylie Trujillo/Wylie Clark/Wylie 	<ul style="list-style-type: none"> \$785,254 \$71,497 \$50,000 \$10,000 	<ul style="list-style-type: none"> U.S. Small Business Administration The Veteran's Corp. Citigroup Foundation U.S. Bank Community Development 	<ul style="list-style-type: none"> SWC SWC SWC Foundation SWC Foundation
South County Career Center (SCCC)	Edwards-LiPera/Wylie	\$151,000	Arbor E&T, LLC (formerly TTI America)	SWC
<ul style="list-style-type: none"> ▪ San Diego Workforce Partnership 				
Teacher Recruitment and Preparation Project	Beach/Levine	\$27,500 (subcontract)	San Diego State University (SDSU) Foundation	SWC
Title V - Developing Hispanic Serving Institutions	Bornholdt/Dyeste	\$430,575	U. S. Department of Education	SWC
Workforce Investment Act Governor's Discretionary Fund Nurse Education Initiative for Associate Degree Nursing	Comstock/Axson	\$58,400 (subcontract)	Chancellor's Office California Community Colleges/Grossmont Community College District	SWC
GRAND TOTAL		\$3,033,481		

Figure 1

**SWC Grant Awards by
School/Department
Fiscal Year 2005-06**

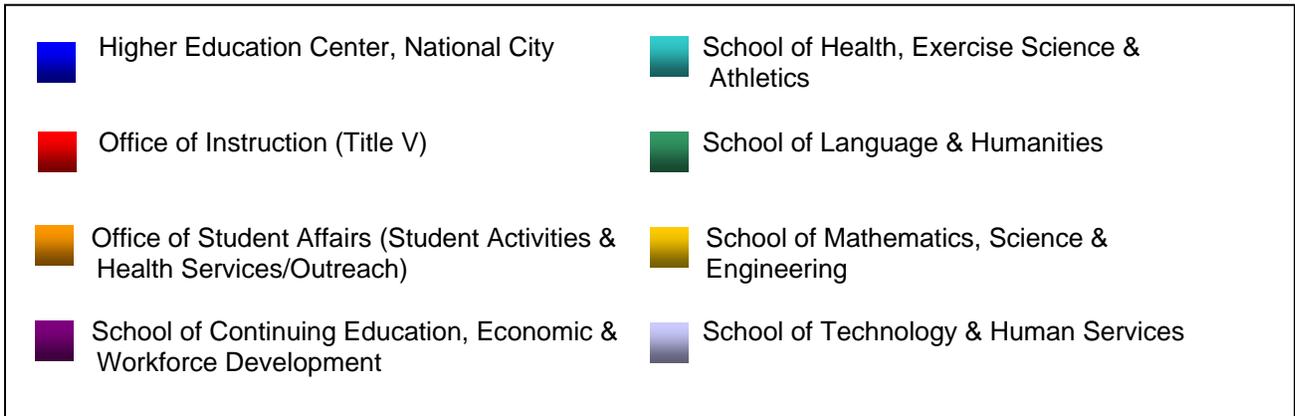
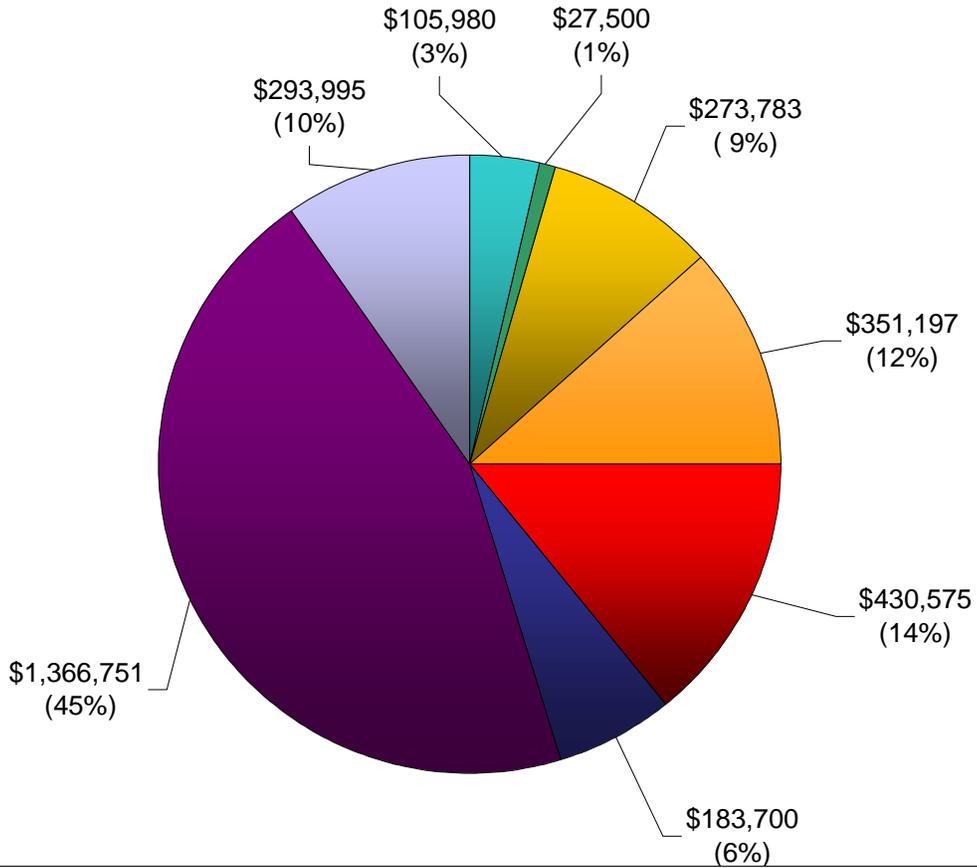
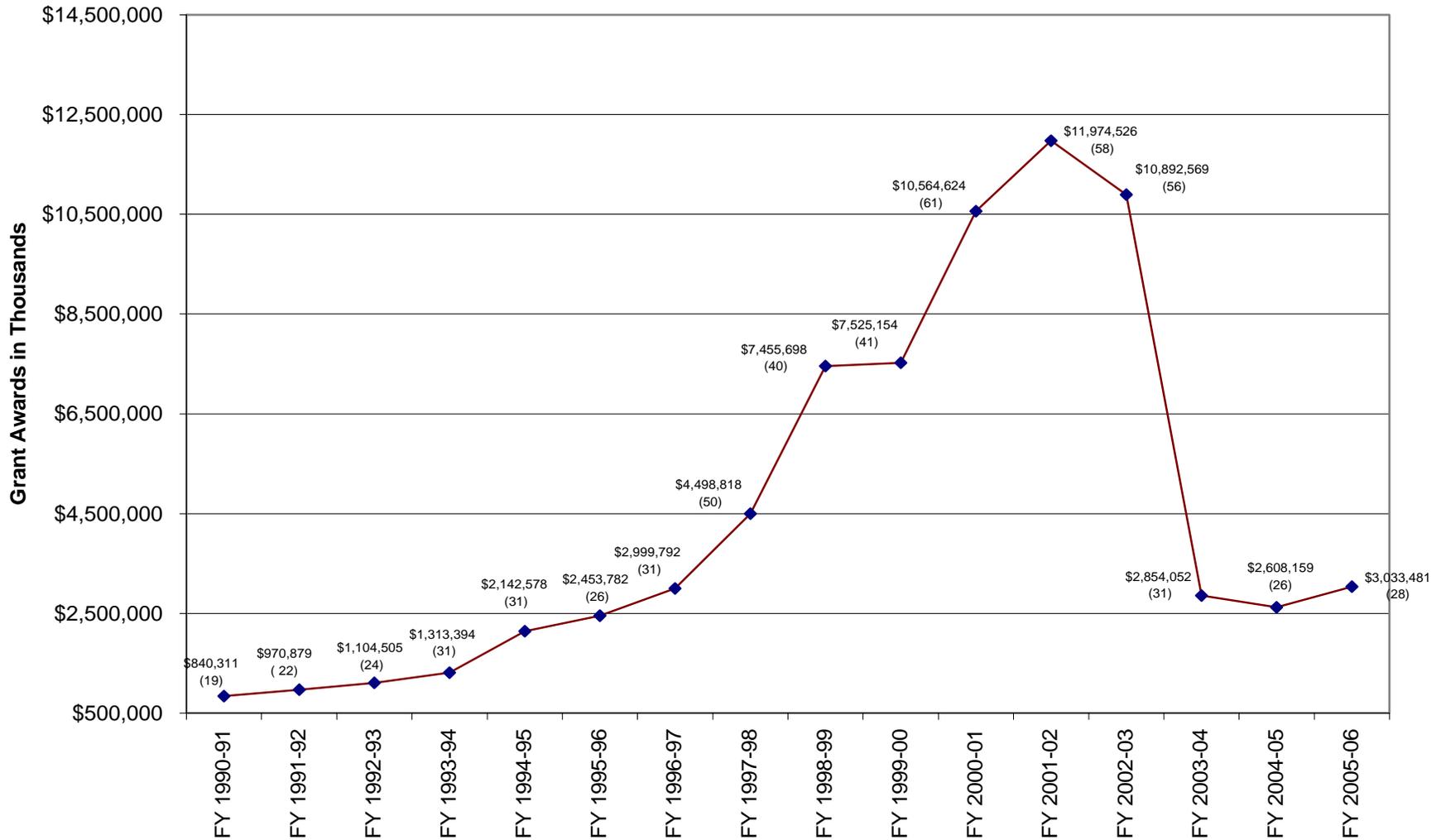


Figure 2
SWC History of Grant Awards
Fiscal Year 1990-91 through Fiscal Year 2005-06



- Please note: Amounts in parentheses indicate the number of grant awards.
- As of fiscal year 2003-04 the Grants Office has become solely responsible for competitive awards and contracts only. The drop in the number of programs reported for this fiscal year reflects this change.

SOUTHWESTERN COLLEGE

Grants and Development

**GRANTS and CONTRACTS
INDIRECT COST REPORT**

FISCAL YEAR 2005-06



**Prepared by:
Linda Gilstrap, Director of Grants and
Development
Gaea Armour, Grants Technician
Date: September 13, 2006**

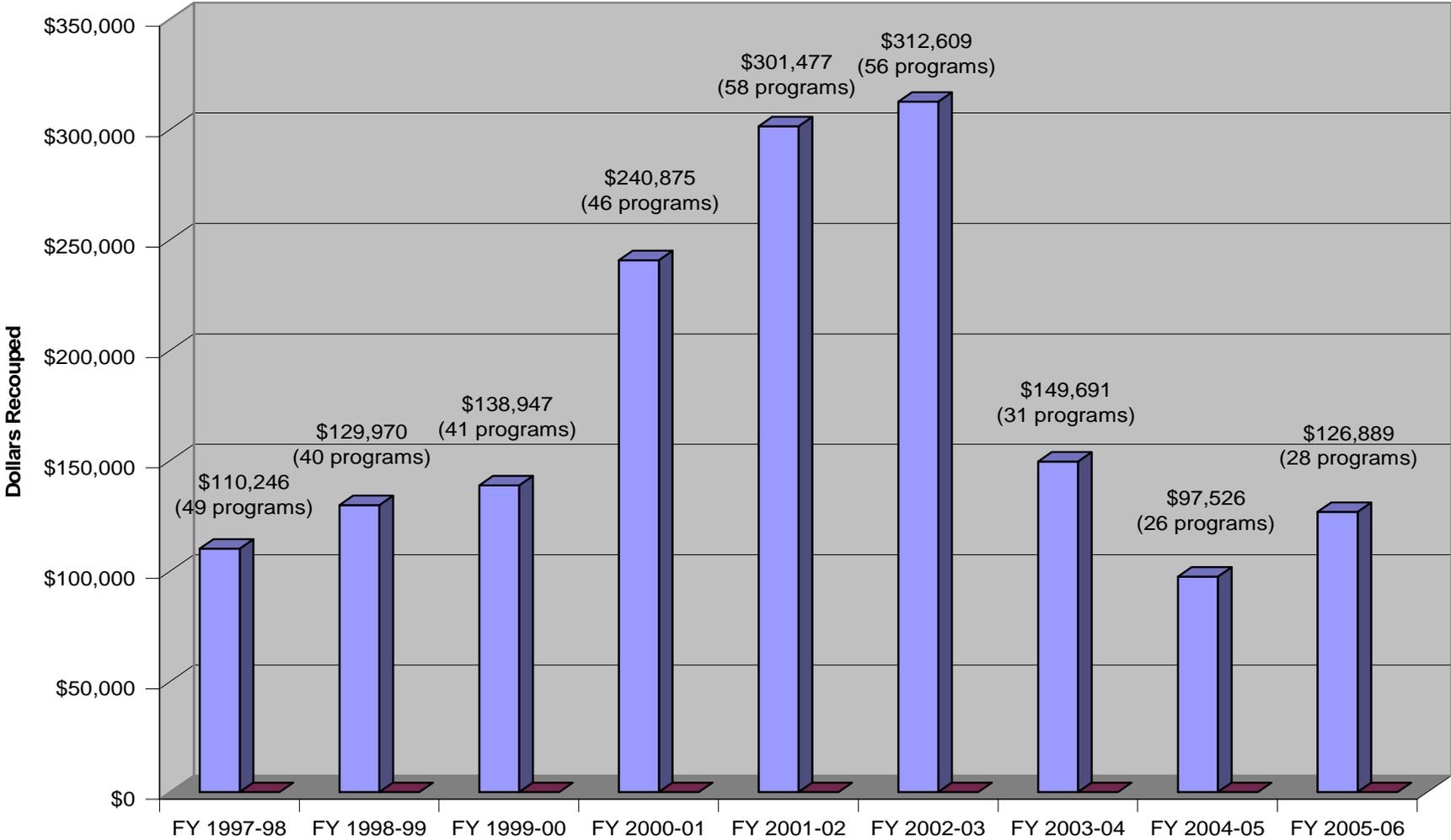
Grants and Contract Indirect Cost Report (Fiscal Year 2005-06)

Grant Title	Project Director/ Supervisor	Amount Awarded	Funding Source	Maximum Allowable Indirect Cost Rate	Amount of Indirect rate	Source of Funding
A Novel Synthesis and Sintering Process for Nanostructures Oxide and Carbide Ceramic Composites	Brown/Tyner	\$9,712	National Science Foundation	10%	\$883	Federal
AmeriCorps Local Readiness Emergency Team (ALERT)	Ricasa-Bagaporo/ McClellan	\$70,644	Foundation for California Community Colleges	.526%	\$4,790	Local
Biotechnology Education & Training Sequence Investment (BETSI)	Bakhiet/Tyner	\$160,279	National Science Foundation	5%	\$8,247	Federal
Boating Safety Scholarship/Training Program/SWC Crown Cove Aquatic Center	Jacobs/Davis	\$26,000	Department of Boating & Waterways State of California	-0-	-0-	State
Bridges to the Baccalaureate Program	Bakhiet/Tyner	\$5,000 (subcontract)	San Diego State University (SDSU) Foundation	-0-	-0-	Local
Child Care Access Means Parents in School Program	Bartow/Axsom	\$56,301	U.S. Department of Education	8%	\$2,437	Federal
Gaining Early Awareness & Readiness for Undergraduate Programs (GEAR UP)	Poveda/Sandoval	\$280,553 (subcontract)	U.S. Department of Education (Subcontract with SUHSD)	8%	\$19,937	Federal
Geographic Information Systems (GIS) Science Technology Program	Yanow/Tyner	\$98,792	National Science Foundation	10%	\$8,981	Federal
Microenterprise Family Child Care Business Program	Nagura/Wylie	\$183,700	Housing and Urban Development (HUD) – Hispanic Serving Institutions Assisting Communities (HSIAC)	10%	\$18,370	Federal
National Youth Sports Program	Davis/Dyeste	\$60,000	U.S. Dept. of Health & Human Services	-0-	-0-	Federal
Nursing Capacity Building Program	Comstock/Axsom	\$179,294	Chancellor's Office California Community Colleges	4%	\$7,171	State
NYSP/Summer Food Program	Davis/Dyeste	\$19,980	CA Dept. of Ed. Nutrition Services	8%	\$1,542	State
San Diego Contracting Opportunity Center (SDCOC)	Schalin/Wylie	\$60,000	San Diego County Water Authority	8%	\$4,800	State
		\$5,000	Otay Water District	8%	\$333	Local
		\$15,000	City of Santee	8%	\$1,111	State
		\$24,000	City of San Diego SBEP	-0-	-0-	State
		\$150,000	Defense Logistics Agency (DLA)	-0-	-0-	Federal
		\$10,000	SANDAG	8%	\$741	Local
		\$20,000	Unified Port of San Diego	8%	\$2778	Local
		\$15,000	S. D. County Reg. Airport Authority	8%	\$1,111	Local
Small Business Development and International Trade Center (SBDITC)	Trujillo/Wylie	\$785,254	U.S. Small Business Administration	4%	\$30,202	Federal
		\$71,497	The Veteran's Corp.	-0-	-0-	Local
		\$50,000	Citigroup Foundation	-0-	-0-	Local
		\$10,000	U.S. Bank Community Development	-0-	-0-	Local
South County Career Center (SCCC)	Edwards-LiPera/Wylie	\$151,000	Arbor E&T, LLC (formerly TTI America)	8%	\$12,080	Local
Teacher Recruitment and Preparation Project	Beach/Levine	\$27,500 (subcontract)	San Diego State University (SDSU) Foundation	5%	\$1,375	Local
Title V - Developing Hispanic Serving Institutions	Bornholdt/Dyeste	\$430,575	U. S. Department of Education	-0-	-0-	Federal
Workforce Investment Act Governor's Discretionary Fund Nurse Education Initiative for Associate Degree Nursing	Comstock/Axsom	\$58,400 (subcontract)	Chancellor's Office California Community Colleges/Grossmont Community College District	-0-	-0-	State
GRAND TOTAL		\$3,033,481		Total Indirect:	\$126,889	

Grants/Contracts Indirect and Administrative Cost Analysis

**Fiscal Years
1997-98 through 2005-06**

Dollars Recouped



- As of fiscal year 2003-04 the Grants Office has become solely responsible for competitive awards and contracts only. The drop in the number of programs reported for this fiscal year reflects this change.