



GRANTS



SOUTHWESTERN COLLEGE
Office of Institutional Effectiveness
Grants Office

GRANTS AND CONTRACTS
ANNUAL REPORT
FY 2012-2013

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Southwestern College
Office of Institutional Effectiveness/Grants Office

GRANTS ANNUAL REPORT 2012-13

The Office of Institutional Effectiveness supports Southwestern College faculty and staff in successfully obtain external funding from federal, state, and local government and private foundations. We are pleased to report that in Fiscal Year 2012-2013 Southwestern College was awarded over \$1,500,000 in supplemental funding to support 21 projects that otherwise would not have been possible through the College's state appropriations.

This funding provided a wide range of exceptional advantages including funding to more fully develop the academic, career, and technical skills for Southwestern College students. Projects spanned the following:

- Workforce preparation and economic development activities for educationally and economically disadvantaged populations;
- Scholarships and other incentives given to students who demonstrate financial need;
- Increase minority student enrollment in STEM majors;
- Community and business/industry partnerships that strengthen College programs, advance its mission, and provide opportunities for enriched student learning.



The following College Centers and Schools represent programs that have obtained grant funds during Fiscal Year 2012-13. Examples of grant-funded projects within the respective areas are listed below.

ACADEMIC AFFAIRS

Higher Education Center, National City

Aquatic Center Grant Program (2/1/2012-1/31/2013)

The California Department of Boating and Waterways granted one-year funding in the amount of \$41,600 for the project entitled “Aquatic Center Grant Program.” The funds were used to purchase boating equipment as well as supplemental funding in the form of scholarships for youth in the surrounding communities. The equipment enhances services to our students and general participant populations through our existing courses, including a new credit course offering Stand-Up Paddleboard beginning Fall 2012.

Microenterprise Family Childcare Program for Refugees (9/30/2012-9/29/2014)

The Office of Refugee Resettlement, Health & Human Services granted two-year funding in the amount of \$350,000 for the project entitled, “Microenterprise Family Childcare Program for Refugees.” The funding focuses on empowering refugee women to become economically self-sufficient by offering training to establish a home-based childcare business.

Procurement Technical Assistance Center – PTAC (1/1/2012-12/31/2012)

The Defense Logistics Agency granted one-year funding in the amount of \$300,000 for the project entitled, “Procurement Technical Assistance Center – PTAC.” The project provided technical assistance to local small businesses to help them enter into or compete in the public agency/government and contracting market sectors. Technical assistance will result in small business contract awards and job creation.

SBDC Small Business Jobs Act Program (1/1/2011-12/31/2012)

The U.S. Small Business Administration granted two-year funding in the amount of \$1,044,503 for the project entitled “SBDC Small Business Jobs Act Program.” The project’s primary objective is supporting job creation and retention within the small business community. Funding was used to demonstrate increased innovation in areas such as, delivery of small business services, serving new or additional markets and the development of programs that will create the next generation of entrepreneurs.

San Diego Contracting Opportunities (10/1-2012-9/30/2013)

The City of San Diego funded a one-year project in the amount of \$24,000 for the project entitled, “San Diego Contracting Opportunities Center.” The funds provide public agency/government procurement and contracting technical assistance for local small and emerging businesses. Technical assistance results in small business contract awards and job creation.

Small Business Skills Training (7/1/2012-6/30/2013)

The San Diego County Water Authority granted one-year funding in the amount of \$75,000 for the project entitled, "Small Business Skills Training." The project offered government contracting and procurement technical assistance to microenterprise small businesses in the County of San Diego by providing training and workshop opportunities and related services to the San Diego County Water Authority.

Higher Education Center, Otay Mesa

CCAMPIS, Child Care Means Parents in School (10/1/2010-9/30/2014)

The U.S. Department of Education granted four-year funding in the amount of \$426,200 for the project entitled, "CCAMPIS, Child Care Means Parents in School." The grant funding provides childcare for children ages 3-5 years and includes an infant and toddler program. Both programs target SWC students who are Pell Grant eligible and predominately Hispanic. The approach is to create an environment that provides culturally sensitive care and develop a partnership with the community to design an early literacy and school readiness program that links the importance of sound nutritional practices with a focus on diverse families.

Microenterprise Family Childcare Program (12/1/12-11/30/14)

Women Give of San Diego granted two-year funding in the amount of \$40,000 for the project entitled, "Microenterprise Family Childcare Program." The program offers workshops and classes focused on obtaining a State of California childcare license.

Small Business Development and International Trade Center (10/1/2011-9/30/2012)

The City of San Diego, Small Business Enhancement Program granted one-year funding in the amount of \$24,000 for the project entitled, "Small Business Development and International Trade Center." The project enhanced business formation and business growth as measured by job creation, access to capital, new business start-ups and change in sales. In addition, the funds were used to match funds targeting businesses in the City of San Diego.

School of Health, Exercise Science, Athletics and Applied Technology

State Energy Sector Partnership Training Program; Green Building Partnership (7/1/2011-12/31/2012)

In collaboration with the San Diego Workforce Partnership and funded through the State Energy Sector Partnership the Green Building Partnership granted funds in the amount of \$109,400. The project focused on a 120-hour program that included basic construction principles, environmental training, introduction to green building, energy fundamentals, energy retrofits & efficiency, water efficient buildings & retrofits, solar & hot water installation & design, solar electricity installation & design and work readiness & hands-on work experience. A \$300 stipend was provided to students who successfully completed the program.

School of Math, Science and Engineering

Bridges to the Future (2011-2013)

The National Institute of Health (NIH) granted 18-month funding in the amount of \$5,000 for the project entitled “Bridges to the Future.” Bridges to the Future is collaboration between Southwestern College and San Diego State University for minority students going into biomedical research. The program offers courses in laboratory skills, research ethics, biomedical research techniques, a colloquium with research mentors, and a summer internship in a biomedical research laboratory.

California Connects (2/1/2011-6/30/2013)

The California Community College Chancellor’s Office granted three-year funding in the amount of \$8,000 for the project entitled, “California Connects.” The program will provide Southwestern College students with the opportunity to train the community in digital literacy.

Geo Tech Center: Innovation in Geospatial Information Science and Technology Education - Subcontract (6/15/2013-8/31/2016)

Southwestern College serves as a sub-awardee for this grant which was awarded to Kentucky Community and Technical College, from the National Science Foundation. This three-year grant in the amount of \$179,843 for the project entitled, “Geo Tech Center: Innovation in Geospatial Information Science and Technology Education,” provides funds to create an advisory committee of industry and educational leaders for Geospatial Information Science and Technology (GIST). In addition, the funds will provide resources to develop teaching tools for use within a variety of STEM disciplines and to introduce spatial thinking and geospatial technology.

National Geospatial Technology Center – Subcontract (9/2008-9/2012)

The National Science Foundation awarded \$190,664 to Del Mar College, which sub-contracted with Southwestern College. The funds increase the quantity, quality, and diversity of geospatial technicians to meet workforce needs. In addition, the funds will be used for expanding national awareness of geospatial technology jobs opportunities to students, parents, teachers, counselors, and state workforce agencies.

Predictive Structure-Based Models of Malaria Resistance (5/1/2012-4/30/2015)

The National Institute of Health (NIH) granted three-year funding in the amount of \$243,000 for the project entitled “Predictive Structure-Based Models of Malaria Resistance.” The funds are used to perform structure-based evolutionary analysis of DHFR. DHFR is a key enzyme in the synthesis of DNA and is relevant as a therapeutic target for cancer and a wide range of bacterial infections.

Project iLaser-Celebrating the International Year of Chemistry 2011 (8/15/2011-1/31/2013)

The National Science Foundation granted 18-month funding in the amount of \$150,000 for the project entitled, “Project iLaser-Celebrating the International Year of Chemistry 2011.” The funding focused on three goals: to increase the public appreciation of chemistry in meeting world needs, to encourage interest in chemistry among young people, and to generate enthusiasm for the creative future of chemistry.

***Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)
(7/2008-7/2013)***

In collaboration with U.C.S.D. and funded by the National Science Foundation, SWC was granted five-year funding in the amount of \$72,210 for the project entitled, "Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)." The funds will provide strategies to improve the number of B.S. and A.S. degrees awarded in Computer Science and Technology in the San Diego area as well as increase the numbers and success rate of transfers from Southwestern College to U.C.S.D.

Southern California Biotechnology Center at Miramar College-SWC Biotechnology Internship Program Subcontract (7/1/2011-9/1/2012)

Southwestern College served as a sub-awardee with Southern California Biotechnology Center and San Diego Community College District awarding \$9,000 to Southwestern College. The funding supported the ongoing career technical education program at Community Colleges throughout California. Specifically the funds will support the Southwestern College Biotechnology Internship Program.

BUSINESS AND FINANCIAL AFFAIRS

Police Department

Bulletproof Vest Partnership (BVP) (4/14/2009-8/31/2012)

The United States Department of Justice granted three-year funding in the amount of \$2,774 for the project entitled, "Bulletproof Vest Partnership." The Bullet Proof Vest Partnership with the United States Department of Justice replaces vests every five years.



Table 1
Grants/Contracts Summary Report
Fiscal Year 2012-13

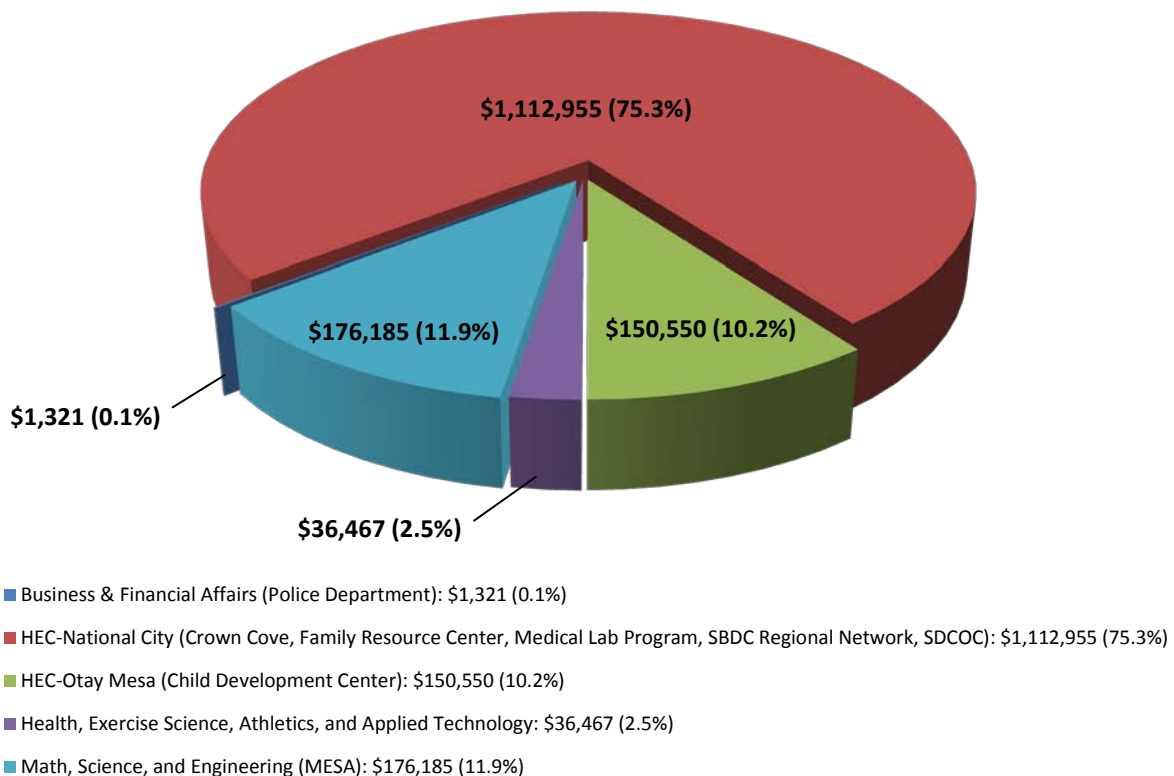
Grant Title	Total Award Amount	FY 2012-13 Award Amount	SWC Administrative Department/Unit/Program	Funding Source
Federal Funding				
Bulletproof Vest Program	\$4,403	\$1,321	Business and Financial Affairs (SWC Police Department)	US Department of Justice*
CA Statewide Biotechnology Clinical Lab Consortium Project	\$48,576	\$11,103	HEC-NC Medical Laboratory Program	US Department of Labor, (subcontract) San Jose State University Research Fund*
CCAMPIS, Child Care Means Parents in School	\$426,200	\$106,550	HEC-OM Child Development Center	US Department of Education*
CY 2012 SBA-SBDC Renewal Grant	\$1,044,503	\$522,252	HEC-NC SBDC Regional Network	US Small Business Administration (OSBDC)*
Entrepreneurial Training for Home-Based Child Care Businesses	\$600,000	\$37,500	HEC-NC Family Resource Center	Department of Housing & Urban Development*
Geo Tech Center: Innovation in Geospatial Information Science & Technology Education**	\$179,843	\$4,996	Math, Science, and Engineering	National Science Foundation*
Microenterprise Family Childcare Program for Refugees**	\$175,000	\$101,500	HEC-NC Family Resource Center	Office of Refugee Resettlement, HHS*
National Geospatial Technology Center (NGTC)	\$190,664	\$7,944	Math, Science, and Engineering	Del Mar College/National Science Foundation*
Predictive Structure-Based Models of Malaria Resistance**	\$243,000	\$81,000	Math, Science, and Engineering	National Institute of Health*
Procurement Technical Assistance Center**	\$300,000	\$300,000	HEC-NC SDCOC	Defense Logistics Agency*
Project iLASER Celebrating the Intl. Year of Chemistry 2011	\$150,000	\$61,761	Math, Science, and Engineering	National Science Foundation*
Science, Technology, Engineering, and Math Talent Expansion Program (STEP)	\$72,210	\$14,442	Math, Science, and Engineering	National Science Foundation, (subcontract) SDSU*
Federal Funding Total		\$1,250,369		
State Funding				
California Connects	\$8,000	\$3,692	Math, Science and Engineering (MESA Program)	CCC Chancellor's Office*
The Aquatic Center Grant Program**	\$41,600	\$41,600	HEC-NC Crown Cove Aquatic Center	CA Department of Boating & Waterways*
State Funding Total		\$45,292		
Local Funding				
Bridges to the Future	\$5,000	\$1,064	Math, Science, and Engineering	SDSU*
San Diego Contracting Opportunities Center**	\$24,000	\$24,000	HEC-NC SDCOC	City of San Diego, Small Business Enhancement Program*
Small Business Development and International Trade Center	\$24,000	\$24,000	HEC-OM	City of San Diego, SBEP*

Grant Title	Total Award Amount	FY 2012-13 Award Amount	SWC Administrative Department/Unit/Program	Funding Source
Local Funding (Continued)				
Small Business Skills Training**	\$75,000	\$75,000	HEC-NC SDCOC	San Diego County Water Authority
Southern California Biotechnology Center at Miramar College—SWC Biotechnology Internship Program	\$9,000	\$1,286	Math, Science, and Engineering	Southern California Biotechnology Center subcontract w/ San Diego Community College District & SWCCD*
State Energy Sector Partnership Training Program; Green Building Partnership	\$109,400	\$36,467	Health, Exercise Science, Athletics and Applied Technology	San Diego Workforce Partnership, Inc.*
Local Funding Total		\$161,817		
Private Funding				
Microenterprise Family Childcare Program**	\$40,000	\$20,000	HEC-OM Child Development Center	The Women's Foundation of CA-Women Give*
Private Funding Total		\$20,000		
Total Grant Funding (21 projects)	\$3,770,399	\$1,477,478		

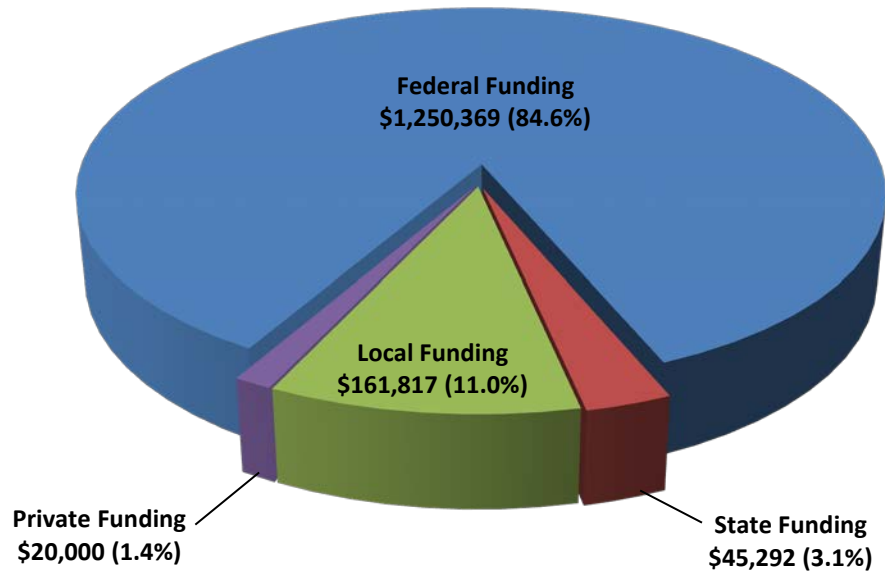
* Denotes funding across different fiscal years

** Indicates new grants/contracts for FY 2012-13

**Grant Administration by Department/Unit/Program
FY 2012-13**



Grant Funding Sources, FY 2012-13



New and Existing Grant Funds, FY 2012-13

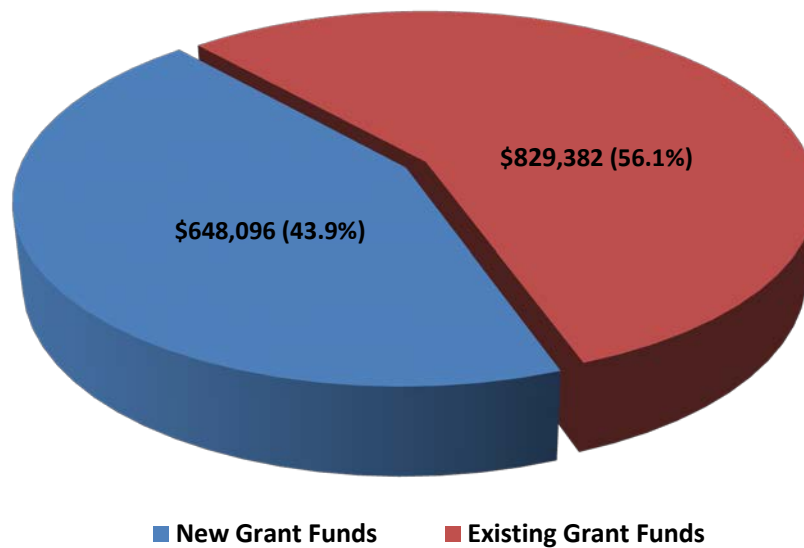


Table 2

Southwestern College Foundation Fiscal Year 2012-13

The grant listed below was awarded to Southwestern College Foundation (SWCF) on behalf of Southwestern College. SWCF serves as the fiscal agent on grants when required by the funding agency. These pass-thru funds are provided to the College for the operational expenses of the designated grant program.

This listing is provided for information only.

Grant Title	Total Award Amount	Grant Project Period	SWC Administrative Department/Unit/Program	Funding Source
Microenterprise Family Childcare Program	\$40,000	12/1/12-11/30/14	HEC OM Child Development Center	The Women's Foundation of CA – Women Give
Total Awarded	\$40,000			

