Office of Grants and Contracts Annual Report
Fiscal Year 2011-2012

Mission Statement

The mission of the Office of Grants and Contracts (OGC) at California University of Pennsylvania (Cal U) is to provide support for faculty and staff in the pursuit of external funding and the execution and stewardship of such projects, while ensuring compliance with appropriate University, federal, state and other funding agencies’ policies, procedures and regulations.

Services

The OGC provides assistance in the following areas: identifying potential funding sources; assisting with developing proposals and budgets; facilitating compliance with federal, state, sponsoring agency, and University regulations; completing electronic applications; submitting proposals to sponsoring agencies; negotiating contracts and other award agreements; accepting award documents; and administering post-award non-accounting functions, including subawards, no-cost extensions, and budget revisions.

Funding Highlights

The OGC is pleased to provide the Annual Report for fiscal year 2011-2012. Between July 1, 2011 and June 30, 2012, Cal U received notice that 81 grants/contracts were awarded totaling $3,541,507. Although the number (87 for FY 2010-2011) of grants and contracts decreased by 7%, the amount of dollars awarded increased by 97% compared to the previous fiscal year ($1,800,798 for FY 2010-2011). The OGC staff worked with faculty and staff to submit 96 proposals totaling $87,253,979. This reflects an increase of 225% in the total dollars applied for when compared to the previous fiscal year ($26,842,125 for FY 2010-2011). A more accurate comparison removes the Maglev proposals totaling $80 million; hence, the number of dollars applied for is 6% greater while the 96 grant proposals submitted is 11% fewer than the previous fiscal year (107 for FY 2010-2011).

Grant and contract activity at the University is a reflection of the commitment that faculty and staff have to their teaching, research and service. We congratulate the 73 faculty and staff who participated in writing grant proposals and administering grant funded projects. Of these participants, we applaud the 20 individuals who served as first time project directors or co-project directors.
Grant proposals covering a wide spectrum of topics and dollar amounts were submitted to a variety of funding sources during the fiscal year. The following are a sampling of the projects developed by Cal U faculty and staff:

- **Cal U/IU #1 English as a Second Language (ESL) Professional Development Project** ($1,817,833 for 5 years), US Department of Education
- **Scan of the Implementation and Impact of Existing Rites of Passage Programs** ($100,000 for 7 months), The Heinz Endowments
- **Intergraph Education Software Grant** ($94,309 for 2 years), Intergraph Corporation
- **Developing a Hydrologic Classroom for Undergraduate Experience: The Pike Run Watershed Model** ($30,000 for 1 year), Dominion Foundation
- **Options @ Cal U 2011-2012** ($14,994 for 1 year), PA Liquor Control Board
- **CAL++: A Mathematics Course Redesign** ($12,000 for 1 year), PA State System of Higher Education
- **SeaPerch** ($1,658 for 6 months), US Office of Naval Research through the Association of Unmanned Vehicle Systems International Foundation

External funding at the University provides financial benefits to the University community. Grants and contracts provided the potential to fund $1,008,400 in compensation for faculty and staff and $84,987 in compensation for graduate assistants and student workers. If fully expended, these grants and contracts provided the potential to fund $62,393 of travel, to purchase $139,259 of equipment, and to purchase $198,064 of supplies. The budgets for these grants and contracts included $519,832 to conduct programming and service at campus events.

During the Spring 2012 semester the OGC established a task force comprised of faculty and staff to develop recommendations that will help Cal U to enhance faculty and staff engagement and success with externally funded projects. The task force members reviewed the current conditions for grant writing and analyzed data provided by the OGC. The final report of the task force made recommendations in four areas to enhance Cal U’s grants operations: providing additional support to grant writers, improving internal operations in OGC and grants management, identifying appropriate funding sources, and providing appropriate incentives for grant writers. The OGC integrated Task Force recommendations into a new strategic plan, which focuses on transforming the campus culture to move grants and contracts to the next level. Key elements of the draft plan include: Establishing a research/project agenda, strengthening scholarship, reducing obstacles, and providing incentives for grant writers. Feedback is welcome on the draft plan. The Task Force final report and the draft OGC strategic plan are available on the OGC web page under “All About Us”. Please email feedback and suggestions to Vogrig@calu.edu.
# Grants and Contracts Awarded
## Fiscal Year 2011-2012

<table>
<thead>
<tr>
<th></th>
<th>Grant/Contract</th>
<th>Project Director</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jul-11 1</td>
<td>AmericaView 2011-2012: StateView Program Development and Operations for the State of PA</td>
<td>Dr. Thomas Mueller</td>
<td>$23,800</td>
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<td>Jul-11 2</td>
<td>HQ-TEEMS 2011-2012 (Highly Qualified Teachers in Exceptional Education, Math and Science)</td>
<td>Dr. Katherine Mitchem Dr. Kalie Kossar</td>
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<td>PASSHE Student Business Plan Competition</td>
<td>Ms. Kelly Hunt</td>
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<td>Teaching with Primary Sources 2011-2012</td>
<td>Dr. Michael Brna</td>
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<td>Lincoln: The Constitution and the Civil War</td>
<td>Dr. Clarissa Confer Dr. Bill Meloy</td>
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<td>Aug-11 6</td>
<td>Biomonitoring and Assessment of Streambank Fencing Sites 2011-2012</td>
<td>Dr. David Argent</td>
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<td>Enhancing Online Instructions in Arabic Language Using Mediasite</td>
<td>Ms. Odeese Ghassa-Khalil</td>
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<td>PA Space Grant Consortium 2012</td>
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<td>Scholars in Service to Pennsylvania 2011-2012</td>
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<td>Developing Teacher Leaders to Enhance Science Inquiry Instruction in Early Childhood Classrooms</td>
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<td>Upward Bound - Greene County 2011-2012</td>
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<td>Sep-11 14</td>
<td>Student Support Services 2011-2012</td>
<td>Ms. Christine Crawford</td>
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<td>Solicitation for Cooperative Agreement (GACO) 2011-2012</td>
<td>Ms. Deborah Wojcik</td>
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<td>Intergraph Education Grant</td>
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<td>Options @ Cal U 2011-2012</td>
<td>Ms. Donna George</td>
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<td>Oct-11 19</td>
<td>simSchool Modules Project</td>
<td>Dr. Holly Diehl</td>
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<td>Advanced Builders, Inc. BS 170168 (WEDnet)</td>
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<td>Oct-11 21</td>
<td>Advanced Builders, Inc. IT 170169 (WEDnet)</td>
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<td>$918</td>
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<td>ALCM BS 170166 (WEDnet)</td>
<td>Ms. Ellie Nesser</td>
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<td>Kvaerner NAC BS 170337 (WEDnet)</td>
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<td>MacLachlan, Cornelius &amp; Filoni, Inc. BS 171602 (WEDnet)</td>
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<td>Pennatronics BS 167581 (WEDnet)</td>
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<td>ProMinent Fluid Controls, Inc. BS 170825 (WEDnet)</td>
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<td>ProMinent Fluid Controls, Inc. IT 171711 (WEDnet)</td>
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<td>RAS Industries BS 170400 (WEDnet)</td>
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<td>Trigon, Inc dba FPD Company BS 167505 (WEDnet)</td>
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<td>Union Electric Steel Corporation BS 167583 (WEDnet)</td>
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<td>Washington Hospital BS 171582 (WEDnet)</td>
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<td>Chemistry Laboratory Equipment Fall 2011</td>
<td>Dr. Gregg Gould</td>
<td>$3,000</td>
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<td><strong>Nov-11</strong></td>
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<td>49 WvEB and Math Initiatives 2011-2012</td>
<td>Dr. Anthony Pyzdrowski</td>
<td>$5,400</td>
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<td>50 2+2+2 Pathways Robotics Mini-Project</td>
<td>Dr. Stanley Komacek</td>
<td>$1,000</td>
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<td><strong>Dec-11</strong></td>
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<td>51 Developing the Collaborative Relationship Between Physical Therapist and Physical Therapy Assistant Students Through the Use of Technology and Shared Case-Study Experience</td>
<td>Dr. Jodi Dusi</td>
<td>$11,685</td>
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<td><strong>Jan-12</strong></td>
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<td>52 Developing a Hydrologic Classroom for Undergraduate Experience: The Pike Run Watershed Model</td>
<td>Dr. Kyle Fredrick Dr. Thomas Mueller</td>
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<td>53 Southern Lake Erie (PA) Watershed Restoration</td>
<td>Dr. Robert Whyte</td>
<td>$19,176</td>
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<td>54 Creating Access to Postsecondary Schools - Washington School District</td>
<td>Mr. Eric Tarpley</td>
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<td>55 Biomonitoring and Assessment of Streambank Fencing Sites 2012-2013</td>
<td>Dr. David Argent</td>
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<td>56 Statewide Coalition for the Prevention and Reduction of Underage and Binge Drinking</td>
<td>Ms. Donna George Dr. Timothy Susick</td>
<td>$1,750</td>
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<td>57 Ongoing Paddlefish Population Status, Abundance, and Restoration Planning - Phase II</td>
<td>Dr. David Argent</td>
<td>$30,991</td>
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<td>58 Project SERVE PACC*VISTA 2012-2013</td>
<td>Ms. Nancy Skobel Ms. Diane Williams</td>
<td>$16,242</td>
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<td>59 Gettysburg Visitor Study: 2012-2013</td>
<td>Dr. Susan Ryan</td>
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<td>60 PA Girls' STEM Academy</td>
<td>Dr. Lisa Kovalchick</td>
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<td><strong>Mar-11</strong></td>
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<td>61 Community Fellows College Access Corps 2012-2013</td>
<td>Ms. Nancy Skobel Ms. Diane Williams</td>
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<td>62 Scholars in Service to Pennsylvania 2012-2013</td>
<td>Ms. Nancy Skobel Ms. Diane Williams</td>
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<td>63 Road Map to Mechatronics</td>
<td>Mr. Michael Amrhein</td>
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<td><strong>Apr-12</strong></td>
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<td>64 CAL++: A Mathematics Course Redesign</td>
<td>Dr. Mohamed Benbourenane Dr. Melissa Sovak</td>
<td>$12,000</td>
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<td>65 Inventory of Fishes in Unassessed Tributaries in the Monogahela River</td>
<td>Dr. David Argent</td>
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<tr>
<td>Grant/Contract</td>
<td>Project Director</td>
<td>Amount</td>
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<td>Investigation and Evaluation of Virtual Worlds, 3D Environments, and Simulations for Alternative Learning, Collaboration, Co-creating, and Decision Support Formats</td>
<td>Dr. Lisa Kovalchick</td>
<td>Participation only</td>
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<td>Utilizing Tablet Computers to Enhance Athletic Training Students Engagement Learning in the ITV Classroom</td>
<td>Dr. Thomas West, Mr. Michael Meyer, Mr. Adam Annaccone</td>
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<td>Supporting Training for Students with Intellectual Disabilities</td>
<td>Dr. Matthew Price, Dr. Gregg Gould, Dr. Min Li, Dr. Kimberly Woznack, Dr. Ali Sezer</td>
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<td>Spectroscopy Society of Pittsburgh Equipment 2012</td>
<td>Dr. Matthew Price, Dr. Gregg Gould, Dr. Min Li, Dr. Kimberly Woznack, Dr. Ali Sezer</td>
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<td>Cal U/IU 1 ESL Professional Development Program 2012-2013</td>
<td>Dr. Kevin Koury</td>
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<td>SeaPerch</td>
<td>Mr. Michael Amrhein</td>
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<td>What's in your Cart?</td>
<td>Ms. Aleksandra Prokic</td>
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<td>W.G. Tomko BS 170538 (WEDnet)</td>
<td>Ms. Ellie Nesser</td>
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<td>W.G. Tomko IT 170539 (WEDnet)</td>
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<td>Dr. Shelly DiCesaro</td>
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<td>Scan of the Implementation and Impact of Existing Rites of Passage Programs</td>
<td>Dr. Harrison Pinckney</td>
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<td>Summer Food 2012</td>
<td>Mr. Gary Seelye, Ms. Laura Giachetti</td>
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<td>Upward Bound - Fayette County 2012-2013</td>
<td>Mr. Gary Seelye, Ms. Laura Giachetti</td>
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<td>Health Education Awareness Resource Team</td>
<td>Ms. Fran Fayish</td>
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<tr>
<td>Chemistry Student Research Materials</td>
<td>Dr. Gregg Gould</td>
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May-12: W.G. Tomko BS 170538 (WEDnet) Ms. Ellie Nesser $24,422
May-12: W.G. Tomko IT 170539 (WEDnet) Ms. Ellie Nesser $1,700
May-12: Cal U Healthy Eating Initiative Dr. Shelly DiCesaro $1,000
May-12: Scan of the Implementation and Impact of Existing Rites of Passage Programs Dr. Harrison Pinckney $100,000
May-12: Summer Food 2012 Mr. Gary Seelye, Ms. Laura Giachetti $17,529
May-12: Upward Bound - Fayette County 2012-2013 Mr. Gary Seelye, Ms. Laura Giachetti $386,967
May-12: Upward Bound - Greene County 2012-2013 Mr. Gary Seelye, Ms. Laura Giachetti $262,500
May-12: Health Education Awareness Resource Team Ms. Fran Fayish $1,000

Jun-12: Chemistry Student Research Materials Dr. Gregg Gould $2,900

Total: $3,541,507
Dollar Amount of Awards
Grants and Contracts

Dollar Amount

Fiscal Year

Number of Awards
Grants and Contracts

Number

Fiscal Year