

**Central Washington University**  
**Annual Report**  
**of**  
**External Grant and Contract Activities**  
**for**  
**July 1, 2006–June 30, 2007**

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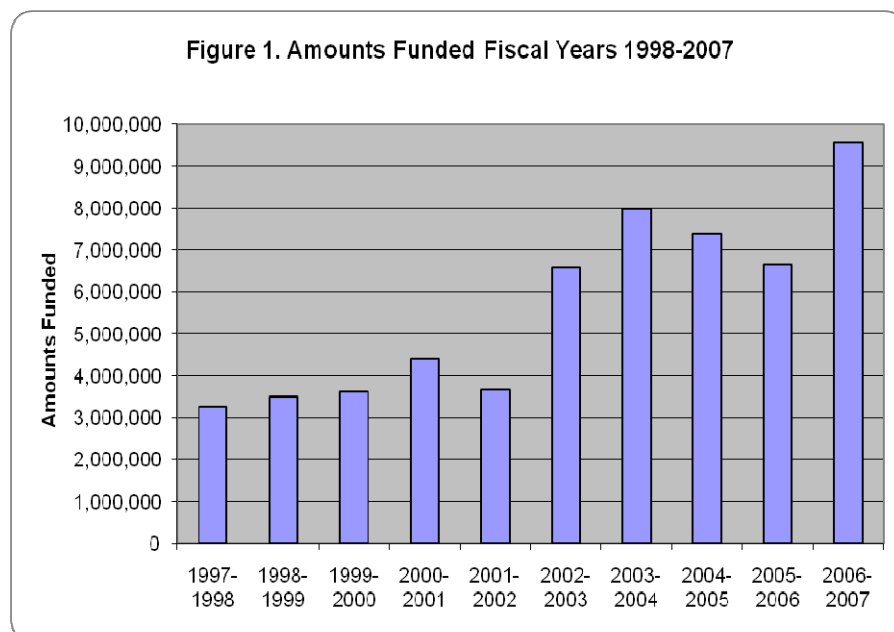
**Graduate Studies, Research and Continuing Education**

Compiled by Julie Guggino  
September 2007

## Summary of External Report of Grants and Contracts Activity for July 1, 2006–June 30, 2007

Grants funded during this fiscal year totaled \$9,563,276. Between July 1, 2006 and June 30, 2007, a total of 115 grants were submitted to external funding sources by 75 different faculty and staff requesting a total of \$13,030,832. Of these 115, by June 30, 2007, 64 were funded, 23 were not funded, and 28 were still pending. Eighteen grants submitted prior to July 1, 2006, but funded during this fiscal year, are included in the \$9,563,276.

Figure 1 shows grant award activity over the past ten years. The amount funded this year is a 43.9% increase from last year's award amount of \$6,644,814.



The university's largest single award of \$1,980,580 for its fifth year was received again this year by the CWU GEAR UP Program, funded by the U.S. Department of Education. The second largest single award of \$796,000 was also received this year from the U.S. Department of Education for the Okanogan Valley GEAR UP Program for the second year of its six-year funding cycle.

Other notable awards include

- Drs. Carey Gazis (Geological Sciences), Martha Kurtz (Chemistry), Beth Pratt-Sitaula (Geological Sciences), Ian Quitadamo (Biological Sciences/Science Education), and Steven Wagner's (Biological Sciences) Yakima WATERS program was funded by the National Science Foundation for \$566,105 for the first of five years. The project will involve graduate students in Yakima watershed activities to enhance research in K-12 schools.
- Dr. Linda Raubeson, Biological Sciences, was awarded \$105,405 by the National Science Foundation for the first of four years for her collaborative research coordinated by Harvard University on the Tree of Life project.
- Mr. Kevin Nemeth, Continuing Education, received \$659,450 for the APU Aviation Maintenance Management Program, funded by American Pacific University.
- Mr. Mateo Arteaga, Student Affairs, received funding for two U.S. Department of Education five-year programs. The CWU College Assistance Migrant Program was funded for \$407,223; the CWU High School Equivalency Program was funded for \$426,017.
- Dr. Linda Beath, Undergraduate Studies, was awarded a total of \$445,000 for the first of three years' funding from the Washington State Board for Community & Technical Colleges for bachelor's programs at Edmonds and Everett

community colleges. She also received a total of \$313,448 from the Washington State Higher Education Coordinating Board for two high-demand grants in Organic Chemistry and General Studies Social Science.

Of particular note is the ratio, nearly 3:1, of funded to nonfunded proposals. Figure 2 illustrates the ratio of funded proposals to non-funded proposals that were submitted during the 2006-07 fiscal year. Pending proposals were not included in this calculation.

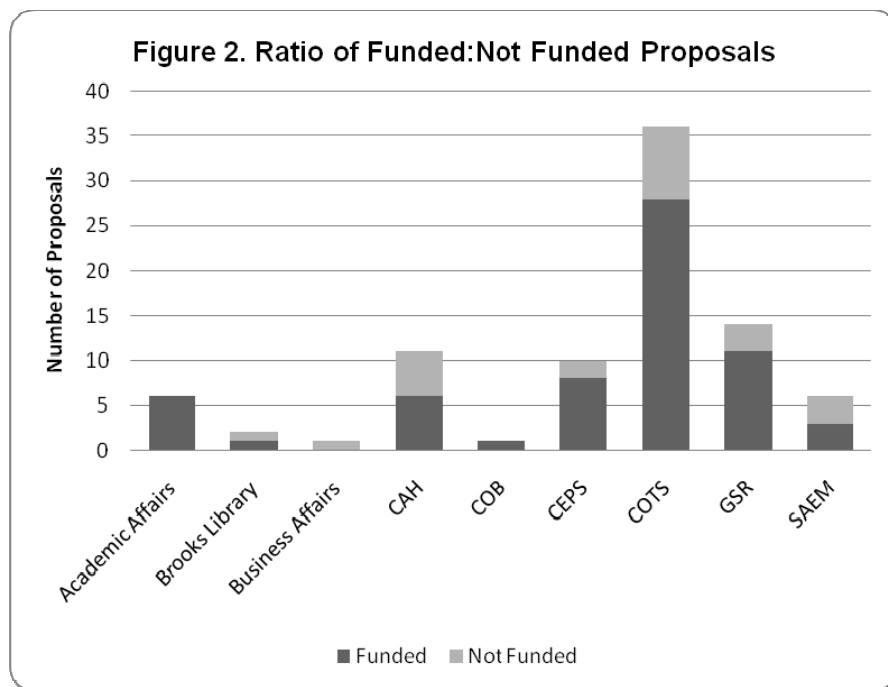


Figure 3 shows the distribution of funding support among the different funding sources. Federal agencies continue to provide the largest share of funded awards.

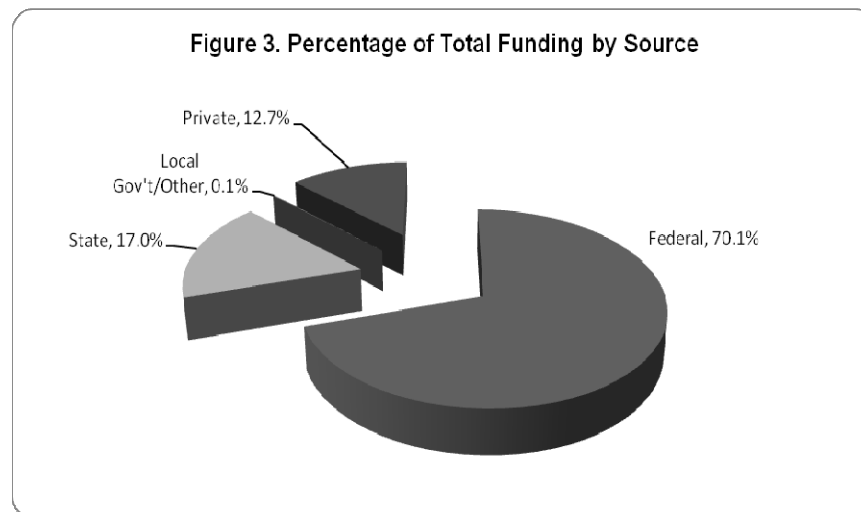


Figure 4 displays the percentage of funding by federal agency. Funding from the U.S. Department of Education totaling \$4,264,576\* accounts for 63.6% of CWU's federal funding, followed by funding from the National Science Foundation totaling \$1,305,040\* and from the U.S. Department of the Interior totaling \$504,300\*, accounting for 19.5% and 7.5%, respectively.

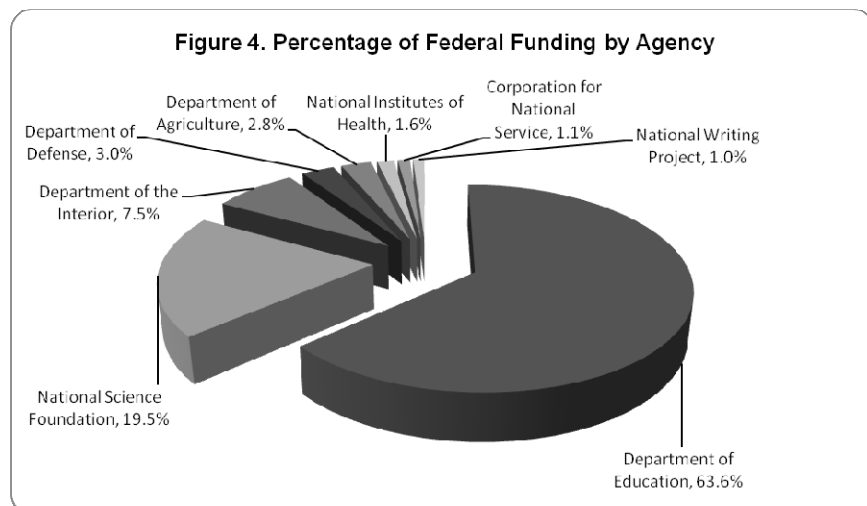
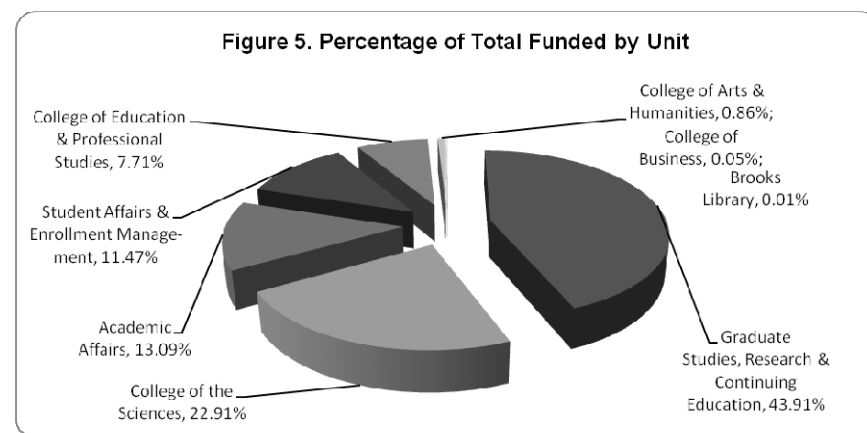


Figure 5 illustrates the proportion of funds generated by the various units on campus. As a unit, Academic Affairs generated 88.5% of the total amount funded; Student Affairs and Enrollment Management generated 11.5%.



Of the total amount awarded, the largest percentage of funds, 44%, was awarded to Graduate Studies, Research and Continuing Education. Second was the College of the Sciences with 23%, followed by the Provost's Office with 13%, Student Affairs and Enrollment Management with 11%, the College of Education and Professional Studies with 8%, and the College of Arts and Humanities with 1%.

\*Note: These figures reflect annual award amounts, not total award amounts.

**Summary of Grant Activity between July 1, 2006 and June 30, 2007 by Units**

**Number of Grants Submitted**

	Grants Submitted July 1, 2006–June 30, 2007			Grants Submitted Prior to July 1, 2006*	
	Funded	Not Funded	Pending	Funded	Not Funded
Academic Affairs	6	0	0	3	0
Brooks Library	1	1	0	0	0
Business Affairs	0	1	0	0	0
College of Arts & Humanities	6	5	1	1	0
College of Business	1	0	0	0	0
College of Education & Professional Studies	8	2	4	0	1
College of the Sciences	28	8	16	10	12
Graduate Studies, Research & Continuing Education	11	3	5	2	2
Student Affairs & Enrollment Management	3	3	2	2	1
<b>Total Number of Grants Submitted</b>	<b>64</b>	<b>23</b>	<b>28</b>	<b>18</b>	<b>16</b>
<b>Grand Total of Number of Grants Submitted</b>		<b>115</b>		<b>34</b>	

\*These grants were still pending when the 2004-05 Annual Report was prepared.

**Dollar Amounts of Grants Submitted**

	Grants Submitted July 1, 2006–June 30, 2007			Grants Submitted Prior to July 1, 2006*	
	Funded	Not Funded	Pending	Funded	Not Funded/ Withdrawn
Academic Affairs	786,427	0	0	465,525	0
Brooks Library	675	10,000	0	0	0
Business Affairs	0	188,128	0	0	0
College of Arts & Humanities	75,500	59,246	10,000	6,500	0
College of Business	5,000	0	0	0	0
College of Education & Professional Studies	737,186	274,177	652,515	0	250,000
College of the Sciences	992,060	680,538	1,261,796	1,198,460	452,344
Graduate Studies, Research & Continuing Education	4,012,268	54,773	2,307,575	186,800	138,800
Student Affairs & Enrollment Management	263,635	371,333	288,000	833,240	220,000
<b>Total Dollar Amount of Grants Submitted</b>	<b>6,872,751</b>	<b>1,638,195</b>	<b>4,519,886</b>	<b>2,690,525</b>	<b>1,061,144</b>
<b>Grand Total of Dollar Amount of Grants Submitted</b>		<b>13,030,832</b>		<b>3,751,669</b>	

\*These grants were still pending when the 2006-07 Annual Report was prepared.

### Academic Affairs

Name Department	Title Agency	Amount Requested	Indirect	Status	Amount Funded
Beath, Linda Academic Affairs	<i>B.A.S. - Information Technology &amp; Administrative Management, Year 1 of 3</i> Edmonds Community College/State Board for Community & Technical Colleges	295,000	0	Funded*	295,000
Beath, Linda Academic Affairs	<i>B.A. - Elementary Education, Year 1 of 3</i> Pierce Community College/State Board for Community & Technical Colleges	132,090	0	Funded*	150,000
Beath, Linda Academic Affairs	<i>B.A.S. - Information Technology &amp; Administrative Management, Year 1 of 4</i> Everett Community College	43,848	0	Funded	43,848
Beath, Linda Academic Affairs	<i>High Demand FTE Proposal: B.S. General Studies Social Science</i> Washington State Higher Education Coordinating Board	126,480	0	Funded	126,480
Beath, Linda Academic Affairs	<i>High Demand FTE Proposal to Increase Access to the Field of Organic Chemistry</i> Washington State Higher Education Coordinating Board	186,968	0	Funded	186,968
Kaufman, David Multimedia Technology & Instructional Support	<i>Student Teaching Video Conferencing</i> Qwest	60,500	0	Funded*	20,525
Kaufman, David Multimedia Technology & Instructional Support	<i>Teaching Our Past for the Future, Years 1-3 of 3</i> U.S. Department of Education	98,145	0	Funded	98,145
McFarlane, Neil Academic Achievement Programs	<i>Student Support Services, Year 2 of 5</i> U.S. Department of Education	267,986	17,999	Funded	267,986
Thomas, Carin Chemistry	<i>Scientific Discovery Through Inquiry-Based Research: Establishing the Science Honors Research Program at CWU, Year 3 of 3</i> M. J. Murdock Charitable Trust	63,000	0	Funded	63,000
<b>Totals</b>		<b>1,274,017</b>	<b>17,999</b>		<b>1,251,952</b>

\*From previous years

### Brooks Library

Name Department	Title Agency	Amount Requested	Indirect	Status	Amount Funded
Erickson, Kirsten Library	<i>Washington State Conference for Women (1977) Digital Collection</i> Washington State Historical Society	675	0	Funded	675
Ullrich, Dieter Library	<i>H. Glenn Hogue Photographic Negatives Collection Reformatting Project</i> Washington State Library	10,000	0	Not Funded	
<b>Totals</b>		<b>10,675</b>	<b>0</b>		<b>675</b>

### Business Affairs

Name Department	Title Agency	Amount Requested	Indirect	Status	Amount Funded
Vertrees, Bill Facilities Management	<i>CWU Historic Resources Project</i> Getty Foundation	188,128	0	Not Funded	
<b>Totals</b>		<b>188,128</b>	<b>0</b>		<b>0</b>

### College of Arts & Humanities

Name Department	Title Agency	Amount Requested	Indirect	Status	Amount Funded
Cummings, Bobby English	<i>Central Washington Writing Project, 2007-08</i> National Writing Project	45,000	0	Funded	45,000
Cummings, Bobby English	<i>Western Inservice Institute Minigrant</i> National Writing Project	5,000	0	Funded	5,000
Cummings, Bobby English	<i>State Networks Minigrant</i> National Writing Project	5,000	0	Funded	5,000

**College of Arts and Humanities (continued)**

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Cummings, Bobby English	<i>2006-07 Tech Initiative Seed Grant</i> National Writing Project	15,000	0	Funded	15,000
Folkestad, William Art	<i>Survey of Manuscript Prayer Book Images of Oratories</i> Getty Research Library	1,200	0	Not Funded	
Folkestad, William Art	<i>CWU Architectural History Walking Tour Brochure</i> Humanities Washington	500	0	Funded	500
Folkestad, William Art	<i>New Photographics Exhibition</i> Andy Warhol Foundation	33,046	0	Not Funded	
Gray, Loretta English	<i>A Study of Common Problems with First-Year College Student Writing</i> Thompson Publishing Co.	6,500	0	Funded*	6,500
Knirck, Jason History	<i>Enemies Within &amp; Without: Cumann na nGaedheal Under Siege 1922-32</i> NEH	10,000	0	Not Funded	
Robinson, Scott Theatre Arts	<i>Sterling Savings Bank Family Theatre Series</i> Sterling Savings Bank	10,000	0	Funded	5,000
Schnelle, Robert English	<i>Visiting Authors Series</i> NEA	5,000	0	Not Funded	
Smith, Bret Music	<i>String Project Site, Year 1 of 4</i> National String Project Consortium	10,000	0	Pending	
Szpek, Heidi Philosophy	<i>Epitaphs in the Jewish Cemetery of Bagnowka, Poland</i> NEH	10,000	0	Not Funded	
<b>Totals</b>		<b>156,246</b>	<b>0</b>		<b>82,000</b>

\*From previous years



### College of Business

Name Department	Title Agency	Amount Requested	Indirect	Status	Amount Funded
Mack, Richard, Economics; Tim Dittmer, Economics	<i>Financial Feasibility &amp; Potential Economic Impact of a Kittitas County Horse Park</i> Washington State Horse Park Foundation	20,000	1,482	Funded	5,000
<b>Totals</b>		<b>20,000</b>	<b>1,482</b>		<b>5,000</b>

### College of Education & Professional Studies

Name Department	Title Agency	Amount Requested	Indirect	Status	Amount Funded
Bergman, Ethan College of Education & Professional Studies	<i>Central Washington Youth Empowerment Program</i> U.S. Department of Health & Human Services	250,000	31,540	Not Funded*	
Bowers, Jan Family & Consumer Sciences	<i>CWU, Chelan &amp; Manson Partnership, Year 2 of 2</i> Washington State Higher Education Coordinating Board	147,842	10,951	Funded	147,842
Bowers, Jan Family & Consumer Sciences	<i>Faculty, Student &amp; Community Collaboration Prepares Students as Scholars &amp; Citizens</i> Washington State Higher Education Coordinating Board	35,000	0	Funded	35,000
Bowers, Jan Family & Consumer Sciences	<i>Alternative Delivery Systems &amp; Shared Resources Facilitate Northwest Masters Program for Non-Traditional Students &amp; Isolated Faculty, Year 1 of 3</i> U.S. Department of Education	166,493	12,333	Not Funded	
Carrothers, Carol College of Education & Professional Studies	<i>Disability Services, 2006-07</i> North Central E.S.D.	165,701	12,200	Funded	165,701
Connolly, Gerald College of Education & Professional Studies	<i>Special Education Technology Center, 2006-07</i> Washington State Superintendent of Public Instruction	300,277	22,242	Funded	300,277

\*From previous years

**College of Education and Professional Studies (continued)**

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
DePaepe, James Education	<i>Through the LENS: Building Success in Science--Ensuring Success in Math &amp; Literacy, Year 1 of 3</i> Yakima School District	24,752	952	Pending	
DePaepe, James Education	<i>Evaluation of "Empowering Students and Community in Fighting Obsesity"</i> Ellensburg School District	17,826	255	Funded	17,826
DePaepe, James Education	<i>Teaching Our Past for the Future, Year 2 of 3</i> Thorp School District/U.S. Department of Education	33,240	1,278	Funded	33,240
Hughes, Craig Education	<i>Preparing All Teachers in Washington State for Linguistically Diverse Students, Year 1 of 5</i> U.S. Department of Education	107,684	6,304	Not Funded	
Johnson, Craig Industrial & Engineering Technology	<i>MaterEd: National Resource Center for Materials Technology for Materials Technology Education, Year 2 of 4</i> NSF	2,300	0	Funded	2,300
Lupton, Natalie, Information Technology & Administrative Management; Razvon Andonie, Computer Science; Boris Kovalerchuk, Computer Science	<i>Virtual Crucible Experience for Future Force Leaders</i> U.S. Army Research Institute	623,821	54064	Pending	
Lupton, Natalie Information Technology & Information Management	<i>Project Management Training</i> NEA Foundation	1,942	0	Pending	
Pappas, James Education	<i>Expanding CWU Student Work-Study Participation to Environmental, Educational, Community Health &amp; Social Service Non-Profit Agencies</i> Washington State Higher Education Coordinating Board	35,000	0	Funded	35,000
Williams, Henry Education	<i>LiveText Staff Development Workshops</i> NEA Foundation	2,000	0	Pending	
<b>Totals</b>		<b>1,913,878</b>	<b>152,119</b>		<b>737,186</b>

**College of the Sciences**

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Beck, Dan Biological Sciences	<i>Habitat Modeling &amp; Educational Outreach as Strategies to Retain Gila Monster Populations in Utah</i> Utah State Department of Natural Resources, Wildlife Resources Division	15,190	1,918	Funded	15,190
Black, Chris, Mathematics; Nancy Budner, Cornerstone/GEAR UP & Mathematics	<i>CWU Robert Noyce Scholarship Program, Year 1 of 4</i> NSF	24,670	0	Pending	
Boersma, Stuart Mathematics	<i>Quantitative Reasoning in the Contemporary World, Year 1 of 3</i> NSF	13,021	1,498	Pending	
Boersma, Stuart Mathematics	<i>Yakima Valley Transition Math Project, Year 1 of 3</i> Yakima Educational Service District	29,214	2,164	Funded	29,214
Boersma, Stuart Mathematics	<i>Interdisciplinary Lively Application Projects at CWU, Year 3 of 3</i> NSF	3,630	0	Funded	3,630
Bohrson, Wendy Geological Sciences	<i>Geofluids at High P &amp; T: Critical End Point Thermodynamics, Trace Element Partitioning, the Dielectric Constant of H2O &amp; Applications, Year 1 of 2</i> NSF	18,686	5,215	Pending	
Bohrson, Wendy Geological Sciences	<i>Internally-Consistent Model for Trace &amp; Major Element Evolution in Open System Magma Bodies: Merging EC-RAFC &amp; MELTS, Year 3 of 3</i> NSF	65,977	12,896	Funded	65,977
Bohrson, Wendy, Geological Sciences; Michael Braunstein, Physics; Lisa Ely, Geological Sciences; Martha Kurtz, Chemistry; Andrew Piacsek, Physics; Roberta Soltz, Biological Sciences	<i>Recruiting &amp; Retaining the Next Generation of STEM Professionals, Year 1 of 5</i> NSF	233,251	22,620	Pending	
Braunstein, Michael Physics	<i>Central Undergraduate Scholarships for Physical Sciences (CUSPS)</i> NSF	7,922	0	Not Funded*	
DeLeon, Lourdes Anthropology	<i>Tracing Human Remains in CWU Repository "Controlled" by Walla Walla District</i> COE U.S. Corps of Engineers	54,780	15,467	Not Funded*	
DeLeon, Lourdes Anthropology	<i>NAGPRA Inventory of Collections from 45OK7</i> U.S.D.I., Bureau of Reclamation	15,000	4,112	Funded	15,000

\*From previous years

**College of the Sciences (continued)**

<b>Name</b>	<b>Title</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
<b>Department</b>	<b>Agency</b>				
DeLeon, Lourdes Anthropology	<i>NAGPRA Inventory of Bureau of Reclamation Collections Curated at Washington State University</i> U.S.D.I., Bureau of Reclamation	5,000	0	Funded	5,000
Diaz, Anthony Chemistry	<i>Phosphors for Laser Power &amp; Energy Sensors</i> Coherent, LMC	28,000	3,652	Funded	28,000
Diaz, Anthony Chemistry	<i>Electron Transport &amp; Trapping Processes in Luminescent Materials, Year 1 of 3</i> NSF	49,185	6,367	Not Funded	
Downs, Andrew Psychology	<i>CWU/Children's Village Autism Intervention Program, Year 1 of 2</i> NIH	52,336	10,586	Pending	
Ely, Lisa Geological Sciences	<i>Impact of Extrafluvial Events on River Valley Evolution, Year 1 of 3</i> NSF	54,653	10,197	Funded*	46,620
Ely, Lisa Geological Sciences	<i>SGER: Salvaging Clues to Tsunami Recurrence in Southern India</i> NSF	19,835	1,442	Pending	
Fabry-Asztalos, Levente Chemistry	<i>Discovery of HIV-1 Protease Inhibitors Using Computational Intelligence</i> NIH	101,615	26,615	Not Funded*	
Gabriel, Anthony Geography & Land Studies	<i>Ecological Characterization of Yakama Nation Riparian Restoration Sites on the Wapato Floodplain of the Yakima River Basin, Washington, Phase I</i> Yakama Nation	29,920	4,777	Funded	29,920
Gazis, Carey, Geological Sciences; Martha Kurtz, Chemistry; Beth Pratt- Sitaula, Geological Sciences; Ian Quitadamo, Biological Sciences/Science Education; Steven Wagner, Biological Sciences	<i>Yakima Watershed Activities to Enhance Research in Schools (Yakima WATERS), Year 1 of 5</i> NSF	597,040	47,502	Funded*	566,105
Gazis, Carey Geological Sciences	<i>Using Stable Isotopes to Characterize the Soil Water Budget Across a Climate Gradient, Year 2 of 3</i> NSF	65,812	14,796	Funded*	65,812
Gellenbeck, Edward Computer Science	<i>Expanding the Pool: Scholarships in Computer Science, Year 4 of 4</i> NSF	50,500	0	Funded	
Hackenberger, Steve Anthropology	<i>Kittitas County Conservation District Archaeology Project</i> Kittitas County Conservation District	7,500	1,860	Funded	7,500

\*From previous years

**College of the Sciences (continued)**

<b>Name</b>	<b>Title</b>	<b>Amount</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount</b>
<b>Department</b>	<b>Agency</b>	<b>Requested</b>			<b>Funded</b>
Hickey, Robert Geography & Land Studies	<i>GIS Applications to Cave Resource Management: A Case Study in Grand Canyon National Park</i> U.S.D.I., Grand Canyon National Park	1,400	0	Funded	Received Permits
Huckabay, James Geography & Land Studies	<i>Big Game Management Roundtable Assistantship 2006-07</i> Big Game Management Roundtable	9,316	0	Not Funded*	
Johansen, Anne Chemistry	<i>Acid Rain Analysis in Mt. Rainier National Park, Year 1 of 5</i> U.S.D.I., National Park Service, Mt. Rainier National Park	12,450	1,132	Pending	
Johansen, Anne Chemistry	<i>ADVANCE Fellows: Supplement to Marine Atmospheric Iron &amp; Sulfur: Impact on Biological Activity in the Ocean</i> NSF	5,000	0	Funded	5,000
Johansen, Anne Chemistry	<i>Acid Rain Analysis in Mt. Rainier National Park, Year 5 of 5</i> U.S.D.I., National Park Service, Mt. Rainier National Park	10,300	936	Funded	10,300
Johansen, Anne Chemistry	<i>CAREER: Food for Phytoplankton: Where Is the Missing Bioavailable Iron Over Remote Open Oceans? Year 1 of 5</i> NSF	175,716	29,697	Not Funded	
Johansen, Anne, Chemistry; Carin Thomas, Chemistry	<i>Ultrafine Particles &amp; Mitochondrial Dysfunction, Year 2 of 2</i> NIH	102,133	27,133	Funded	102,133
Lee, Jeffrey Geological Sciences	<i>Testing Channel-Flow Models Using Middle-Crustal Rocks of North Himalayan Gneiss Domes, Year 1 of 3</i> NSF	85,736	14,247	Not Funded*	
Lee, Jeffrey Geological Sciences	<i>Testing Channel-Flow Models Using Middle-Crustal Rocks of North Himalayan Gneiss Domes, Year 1 of 3</i> NSF	88,198	14,945	Pending	
Lee, Jeffrey Geological Sciences	<i>Testing Gneiss Dome Exhumation Models in the North Himalayan Gneiss Domes, Southern Tibet, Year 1 of 3</i> NSF	110,230	14,681	Not Funded	
Lillquist, Karl Geography & Land Studies	<i>Farming the Desert: Agriculture in the World War II, Japanese-American Relocation Centers of the Intermountain West</i> Charles Redd Center for Western Studies, Brigham Young University	2,980	0	Not Funded	
Lipton, Jennifer Geography & Land Studies	<i>Land-Cover Classification of Cheatgrass (<i>Bromus tectorum</i>) for Fire-Risk Reduction on the Yakama Nation Reservation, Yakima, WA</i> Yakama Nation	19,120	3,053	Pending	

\*From previous years

**College of the Sciences (continued)**

<b>Name</b> <b>Department</b>	<b>Title</b> <b>Agency</b>	<b>Amount</b> <b>Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount</b> <b>Funded</b>
Matheson, Megan, Psychology; Lori Sheeran, Anthropology; Steve Wagner, Biological Sciences; Lixing Sun, Biological Sciences	<i>Field Station Planning in the Valley of the Wild Monkeys, Huangshan Scenic Spot, China</i> NSF	19,927	0	Not Funded*	
Matheson, Megan, Psychology; Lori Sheeran, Anthropology; Steve Wagner, Biological Sciences	<i>Biodiversity Research at the Valley of the Wild Monkeys, Huangshan Scenic Spot, China, Year 1 of 3</i> NSF	145,866	9,600	Not Funded	
Melbourne, Timothy Geological Sciences	<i>Plate Boundary Observatory Nucleus, Year 2 of 3</i> UNAVCO, Inc./NSF	57,505	15,038	Funded*	62,905
Melbourne, Timothy Geological Sciences	<i>Cascadia Tilt, Year 4 of 5</i> NSF	60,984	17,532	Funded*	60,984
Melbourne, Timothy Geological Sciences	<i>CWU Plate Boundary Observatory Analysis Center, Year 3 of 4</i> UNAVCO, Inc./NSF	125,300	35,901	Funded*	100,409
Melbourne, Timothy Geological Sciences	<i>Cascadia Tilt, Year 5 of 5</i> NSF	62,608	18,051	Pending	
Melbourne, Timothy Geological Sciences	<i>CWU Plate Boundary Observatory Analysis Center, Year 4 of 4</i> UNAVCO, Inc./NSF	160,350	45,769	Pending	
Melbourne, Timothy Geological Sciences	<i>Supplement: Plate Boundary Observatory Nucleus, Year 2 of 3</i> UNAVCO, Inc./NSF	20,826	6,064	Funded	20,826
Melbourne, Timothy Geological Sciences	<i>NSF Plate Boundary Observatory Analysis Center--Continuing Operations, Year 1 of 5</i> UNAVCO, Inc./NSF	152,085	42,195	Pending	
Melbourne, Timothy Geological Sciences	<i>Washington State Reference Network (WSRN), Year 1 of 3</i> U.S.D.I., U.S. Geological Survey	75,360	21,360	Funded	54,000
Montgomery, Aaron Mathematics	<i>College Algebra Project: Unified Representation of Function</i> NSF	81,546	3,967	Not Funded*	
Montgomery, Michelle, Psychology; Mark Oursland, Mathematics	<i>Interdisciplinary Lively Application Projects in Secondary Education: Training &amp; Teacher Motivation, Year 1 of 4</i> U.S. Department of Education	91,588	21,196	Not Funded	

\*From previous years

**College of the Sciences (continued)**

<b>Name</b> <b>Department</b>	<b>Title</b> <b>Agency</b>	<b>Amount</b> <b>Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount</b> <b>Funded</b>
Oursland, Mark, Mathematics; Nancy Budner, Cornerstone/GEAR UP Coordinator & Mathematics; Christina Curran, Education; Andrea Sledge, Education	<i>Teacher Quality in the Okanogan Valley Project</i> Washington State Higher Education Coordinating Board	167,584	7,520	Pending	
Palmquist, Bruce Physics/Science Education	<i>Project TEACH - CWU: Targeted Science Instruction for Future Teachers,</i> Year 2 of 3 NSF	2,847	0	Funded	2,847
Peters, JoAnn Chemistry	<i>Imprinting Silica Gel Surfaces Through Reversible Covalent Attachment of Organic</i> <i>Templates, Year 1 of 2</i> Research Corporation	20,609	0	Funded	20,609
Pinkart, Holly Biological Sciences	<i>Microbial Observatory at Soap Lake, Year 1 of 5</i> NSF	91,790	21,428	Not Funded	
Pratt-Sitaula, Beth Geological Sciences	<i>Seismic Hazard in the Hanford-Yakima Region</i> U.S.D.I., U.S. Geological Survey	55,067	9,693	Not Funded*	
Pratt-Sitaula, Beth Geological Sciences	<i>Teachers on the Leading Edge</i> NSF	13,183	2,965	Not Funded	
Quitadamo, Ian, Biological Sciences/Science Education; Martha Kurtz, Chemistry; James Johnson, Biological Sciences; Bruce Palmquist, Physics/Science Education; Steven Wagner, Biological Sciences	<i>Community-Based Inquiry to Improve Critical Thinking &amp; Content Knowledge,</i> Year 1 of 3 NSF	149,262	28,234	Pending	
Ramos, Frank Geological Sciences	<i>Origin of Crust &amp; the Temporal and Spatial Scales of Mantle Melting at the</i> <i>Endeavour Segment, Juan de Fuca Ridge, Year 1 of 3</i> NSF	37,529	9,253	Funded*	37,529
Ramos, Frank Geological Sciences	<i>Evaluating the Processes &amp; Timescales of Rhyolitic Differentiation, Year 1 of 2</i> NSF	83,630	19,306	Funded*	86,085
Raubeson, Linda Biological Sciences	<i>Gymnosperms on the Tree of Life: Resolving the Phylogeny of Seed Plants,</i> Year 1 of 4 NSF	105,405	25,553	Funded*	105,405
Raubeson, Linda Biological Sciences	<i>Supplement: Comparative Chloroplast Genomics</i> NSF	8,758	1,320	Pending	

\*From previous years

**College of the Sciences (continued)**

<b>Name</b> <b>Department</b>	<b>Title</b> <b>Agency</b>	<b>Amount</b> <b>Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount</b> <b>Funded</b>
Raubeson, Linda Biological Sciences	<i>Supplement: Gymnosperms on the Tree of Life: Resolving the Phylogeny of Seed Plants</i> NSF	7,759	1,320	Funded	6,000
Rubin, Charles Geological Sciences	<i>A Paleoseismic Record of Repeated Great Earthquakes on the Sunda Subduction Megathrust, Northern Sumatra</i> NSF	65,185	11,370	Funded*	66,606
Schwing, James Computer Science	<i>Boeing Computer Science Scholarship</i> Boeing	2,000	0	Funded	2,000
Street, Elizabeth Psychology	<i>Educational Consulting</i> Morningside Academy	9,168	0	Funded	9,168
Sullivan, Allen Geography & Land Studies	<i>Potential for an Off-Channel Water Storage Facility in the Upper Swauk Basin, Years 1 &amp; 2 of 2</i> Kittitas Conservation Trust	88,800	11,600	Funded	88,000
Uebelacker, Morris Geography & Land Studies	<i>Development of Water Resources in the Upper Missouri Watershed</i> U.S.D.I., Bureau of Reclamation	10,000	0	Withdrawn*	
Uebelacker, Morris Geography & Land Studies	<i>Natural Area Internship &amp; Assistantship</i> Washington Department of Natural Resources	11,000	0	Funded	3,000
Uebelacker, Morris Geography & Land Studies	<i>CWU Native American Fellowship Program, Year 1 of 2</i> U.S.D.I., Bureau of Reclamation	210,000	0	Funded	210,000
Uebelacker, Morris Geography & Land Studies	<i>Critical Area Maps</i> City of Roslyn	1,250	163	Funded	1,250
Uebelacker, Morris Geography & Land Studies	<i>CWU Native American Fellowship Program, Year 4 of 5</i> U.S.D.I., Bureau of Reclamation	210,000	0	Funded	210,000
Wang, Penglin Anthropology	<i>Cognitive Patterns for Generating Numerals, Year 1 of 2</i> NSF	79,582	14,026	Pending	
Wirth, Rex, Political Science; Don Woodcock, Education	<i>The Chilean Model: Lessons for Indigenizing Education in Washington State</i> AMB Foundation	10,000	0	Not Funded*	
Wirth, Rex, Political Science; Don Woodcock, Education	<i>Communicating About Protecting &amp; Developing Indigenous Rights to Resources</i> AMB Foundation	10,000	0	Not Funded*	

\*From previous years



Wirth, Rex, Political Science; Don  
Woodcock, Education

*Indigenizing Education Workshops & Working Sessions*  
AMB Foundation

6,435

0 Not Funded\*

**College of the Sciences (continued)**

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Wood, W. Warner, Anthropology; Naomi Petersen, Geography & Land Studies; Steve Hackenberger, Anthropology; Pat McCutcheon, Anthropology; James Huckabay, Geography & Land Studies; Kathleen Barlow, Anthropology	<i>Harnessing the Wind's Power, Tracking the Wild Horse Wind Farm Story</i> Puget Sound Energy	28,686	6,001	Funded	28,686
Wood, W. Warner Anthropology	<i>Development of Wild Horse Wind Farm Exhibit Proposal</i> Puget Sound Energy	18,810	5,207	Funded	18,810
<b>Totals</b>		<b>4,723,600</b>	<b>711,140</b>		<b>2,190,520</b>

**Graduate Studies, Research & Continuing Education**

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Breedlove, Lois Communication/The Bridges Project	<i>Summer Bridges College Mentor Program</i> Career Path Services	7,200	0	Funded	7,200
Ferland, Marie Geological Sciences	<i>Vibracore Processing Services</i> Washington State Department of Ecology	4,600	600	Funded	4,600
Findley, Carol Retired & Senior Volunteer Program	<i>Washington State Boomers in Service for Healthier Communities</i> Corporation for National Service	6,000	0	Not Funded*	
Findley, Carol Retired & Senior Volunteer Program	<i>Operation Take Charge: Check It, Lock It &amp; Shred It</i> Kittitas County Law & Justice Council	4,191	0	Funded*	1,800
Findley, Carol Retired & Senior Volunteer Program	<i>SHIBA Counseling, Community Education &amp; Outreach Activities, Years 1 &amp; 2 of 2</i> Washington State Office of the Insurance Commissioner	20,005	0	Pending	
Findley, Carol Retired & Senior Volunteer Program	<i>Operation Take Charge: Check It, Lock It &amp; Shred It</i> Kittitas County Law & Justice Council	1,800	0	Pending	

\*From previous years

**Graduate Studies, Research and Continuing Education (continued)**

<b>Name</b> <b>Department</b>	<b>Title</b> <b>Agency</b>	<b>Amount</b> <b>Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount</b> <b>Funded</b>
Findley, Carol Retired & Senior Volunteer Program	<i>Senior Falls Prevention Community Coalition &amp; Education Project</i> Yakima Valley Community Foundation	5,000	0	Not Funded	
Findley, Carol Retired & Senior Volunteer Program	<i>Recruiting &amp; Placing RSVP Volunteers</i> Legends Casino	5,000	0	Not Funded	
Findley, Carol Retired & Senior Volunteer Program	<i>RSVP of Kittitas County, Year 2 of 3</i> Corporation for National Service	73,829	1,953	Funded	73,829
Gabriel, Anthony Center for Spatial Information	<i>Pacific Northwest Regional Geographic Information System Technology Project</i> U.S. Department of Agriculture	185,000	0	Funded*	185,000
Gabriel, Anthony Center for Spatial Information	<i>Network GPS Resource Mapping &amp; Environmental Monitoring, Years 1-3 of 3</i> City of Seattle/U.S. Environmental Protection Agency	44,773	10,466	Not Funded	
Guggino, Julie Graduate Studies & Research	<i>CWU Okanogan School District GEAR UP Program</i> U.S. Department of Education	132,800	9,837	Not Funded*	
Guggino, Julie Graduate Studies & Research	<i>Okanogan Valley CWU GEAR UP Program, Year 2 of 6</i> U.S. Department of Education	796,000	57,481	Funded	796,000
Guggino, Julie, Graduate Studies & Research; Lois Breedlove, Communications/The Bridges Project; Julie Grinolds, Okanogan Valley GEAR UP	<i>Enhancing College-Readiness for Students from Low-Income Families in Washington's Okanogan Valley, Year 1 of 3</i> College Spark	85,190	0	Pending	
Hackenberger, Steve Anthropology	<i>No. 4 Mine Environmental impact Analysis</i> Suncadia, LLP	53,898	13,373	Funded	53,898
Hackenberger, Steve Anthropology	<i>No. 9 Mine Archiving</i> Suncadia, LLP	35,813	8,886	Funded	35,813
Hackenberger, Steve Anthropology	<i>Cultural Resources Program Support for the U.S. Army Yakima Training Center, Washington</i> ICI Services, LLC/U.S. Army	200,000	58,740	Funded	200,000
Hackenberger, Steve Anthropology	<i>Suncadia Cultural Resources Projects, Year 2 of 2</i> Suncadia, LLP	135,898	33,719	Funded	135,898
Hackenberger, Steve, Anthropology; Morris Uebelacker, Geography & Land Studies	<i>Cultural Resource Inventory</i> Washington State Department of Natural Resources	63,707	15,807	Funded	65,000

\*From previous years

**Graduate Studies, Research and Continuing Education (continued)**

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Nemeth, Kevin Continuing Education	<i>APU Aviation Maintenance Management Program</i> American Pacific University	659,450	0	Funded	659,450
Quirk, Wayne, Graduate Studies, Research & Continuing Education	<i>CWU McNair Scholars Program</i> U.S. Department of Education	220,000	12,652	Pending	
Vifian, Beverly CWU GEAR UP	<i>Central Washington University GEAR UP, Year 6 of 6</i> U.S. Department of Education	1,980,580	146,710	Pending	
Vifian, Beverly CWU GEAR UP	<i>Central Washington University GEAR UP, Year 5 of 6</i> U.S. Department of Education	1,980,580	146,710	Funded	1,980,580
<b>Totals</b>		<b>6,701,314</b>	<b>516,934</b>		<b>4,199,068</b>

**Student Affairs and Enrollment Management**

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Arteaga, Mateo Student Affairs	<i>Central Washington University College Assistance Migrant Program, Year 1 of 5</i> U.S. Department of Education	407,223	21,773	Funded*	407,223
Arteaga, Mateo Student Affairs	<i>Central Washington University High School Equivalency Program, Year 1 of 5</i> U.S. Department of Education	426,017	28,779	Funded*	426,017
Arteaga, Mateo Student Affairs	<i>Educational Talent Search</i> U.S. Department of Education	220,000	16,296	Not Funded*	
Arteaga, Mateo Student Affairs	<i>CWU ASK Program</i> Washington State Office of the Superintendent of Public Instruction	100,000	8,475	Not Funded	
Arteaga, Mateo Student Affairs	<i>CWU Upward Bound Math &amp; Science Program, Year 1 of 5</i> U.S. Department of Education	250,000	15,278	Pending	
Arteaga, Mateo Student Affairs	<i>HECB CAMP Supplement, Year 2 of 2</i> Washington State Higher Education Coordinating Board	6,250	0	Funded	6,250

\*From previous years

**Student Affairs and Enrollment Management (continued)**

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Arteaga, Mateo Student Affairs	<i>Educational Opportunity Center, Year 4 of 4</i> U.S. Department of Education	255,385	18,917	Funded	255,385
Charlton, Janie, Early Childhood Learning Center; Katrina Whitney, Center for Student Empowerment; Patricia Gross, Family & Consumer Sciences	<i>Increasing Access to Child Care on the CWU Campus, Years 1 &amp; 2 of 2</i> Washington State Higher Education Coordinating Board	38,000	0	Pending	
Farmer, Gail Wildcat Wellness Center	<i>Campus Community Strategy to Change the Drinking Culture</i> NIH	2,000	0	Funded	2,000
Farmer, Gail Wildcat Wellness Center	<i>College Coalition Partnerships in Prevention</i> U.S. Department of Education	149,924	16,554	Not Funded	
Farmer, Gail Wildcat Wellness Center	<i>Neighbors Partnering in Prevention Program</i> U.S. Department of Education	121,409	31,028	Not Funded	
<b>Totals</b>		<b>1,976,208</b>	<b>157,100</b>		<b>1,096,875</b>