

**Central Washington University**  
**Annual Report**  
**of**  
**External Grant and Contract Activities**  
**for**  
**July 1, 2004—June 30, 2005**

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**Graduate Studies, Research and Continuing Education**

Compiled by Julie Guggino  
October 2005

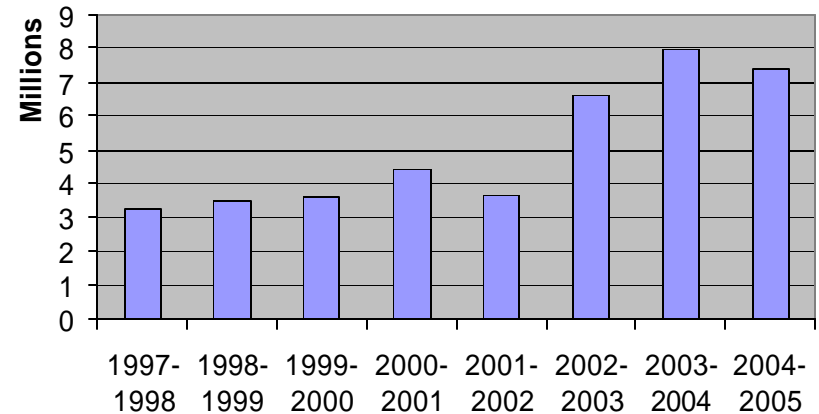
## Summary of External Report of Grants and Contracts Activity for July 1, 2004—June 30, 2005

Grants funded during this fiscal year totaled \$7,379,008. Between July 1, 2004 and June 30, 2005, a total of 135 grants were submitted to external funding sources by 89 different faculty and staff requesting a total of \$13,434,131. Of these 135, 69 were already funded by June 30, 2005; 28 were not funded; and 37 were still pending. Included in the \$7,379,008 are 9 grants submitted prior to July 1, 2004 which were also funded during this fiscal year.

Figure 1 compares grant award activity over the past eight years. The amount funded this year is a slight decrease over last year's record-setting total awards. Over the last five fiscal years, the 2004-05 totals contribute to an overall 40% increase in funding.

Figure 2 portrays the distribution of funding support among the different funding sources. Federal agencies continue to provide the largest share of funded awards. The university's largest single award was received this year by the CWU GEAR UP Program, funded by the U.S. Department of Education in the amount of \$1,843,750 for the fourth year of its five-year funding cycle.

**Figure 1. Amounts Funded Fiscal Years 1998-2005**



**Figure 2. Percentage of Total Funding by Source**

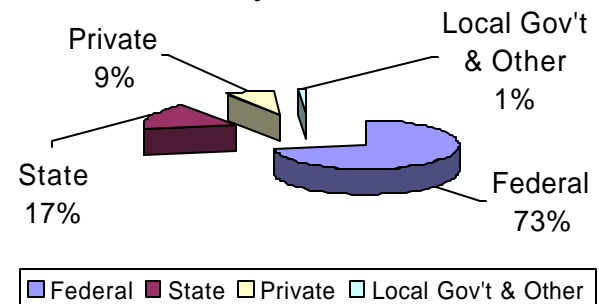
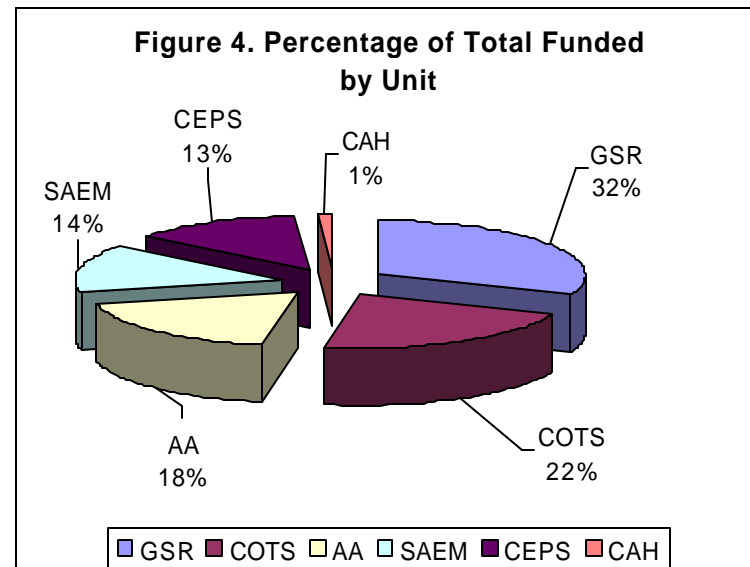
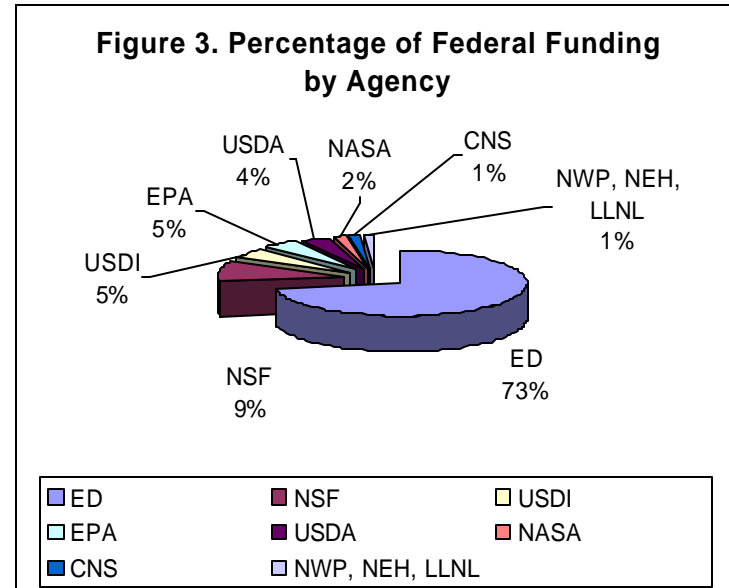


Figure 3 shows the various federal agencies that provided funding during the 2004-05 fiscal year. The two largest funders were the U.S. Department of Education, funding \$3,905,039 in awards, and the National Science Foundation, funding \$507,267.\*

Figure 4 illustrates the proportion of funds generated by the various units on campus. Academic Affairs generated 86% of the total amount funded; Student Affairs and Enrollment Management generated 14%.

Of the total amount awarded, the largest percentage of funds, 31.2%, was awarded to Graduate Studies, Research and Continuing Education. Second was the College of the Sciences with 21.5%, followed by the Provost's Office with 18.4%, Student Affairs and Enrollment Management with 14.4%, the College of Education and Professional Studies with 13.3%, and the College of Arts and Humanities with 1.2%.



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

## Academic Affairs

Name Department	Title Agency	Amount Requested	Indirect	Status	Amount Funded
Beath, Linda Academic Affairs	<i>Lynnwood Safety &amp; Health Management Program, Year 2 of 2</i> Washington State Higher Education Coordinating Board	79,992	0	Funded	79,992
Beath, Linda Academic Affairs	<i>Middle Level Math/Science Endorsement, Year 1 of 2</i> Washington State Higher Education Coordinating Board	156,070	0	Funded	156,070
Beath, Linda Academic Affairs	<i>Lynnwood "Career Switcher," Teaching Certificate in Secondary Mathematics, Year 2 of 2</i> Washington State Higher Education Coordinating Board	104,994	0	Funded	104,994
Beath, Linda Academic Affairs	<i>Lynnwood Special Education &amp; ESL Program, Year 2 of 2</i> Washington State Higher Education Coordinating Board	71,275	0	Funded	71,275
Beath, Linda Academic Affairs	<i>High Demand: Resource Management</i> Washington State Higher Education Coordinating Board	104,977	0	Funded	104,977
Beath, Linda Academic Affairs	<i>High Demand: Construction Management</i> Washington State Higher Education Coordinating Board	96,577	0	Funded	96,577
Beath, Linda Academic Affairs	<i>High Demand: Law &amp; Justice</i> Washington State Higher Education Coordinating Board	124,968	0	Funded	124,968
Douglas, Steve Multimedia Technology & Instructional Support	<i>Audio-Visual Consultation Services</i> City of Ellensburg	4,000	907	Funded	4,000
Kaufman, David Multimedia Technology & Instructional Support	<i>Media Start Control System Project</i> Multi-Image Network	30,000	0	Withdrawn	
McFarlane, Neil Academic Achievement Program: U.S. Department of Education	<i>Student Support Services, 2004-05, Year 4 of 4</i>	260,181	16,845	Funded	260,181
McFarlane, Neil Academic Achievement Program: U.S. Department of Education	<i>Student Support Services, 2005-06, Year 1 of 5</i>	267,986	17,999	Funded	267,986
Rath, Sura Douglas Honors College	<i>Epics from the East: The Mahabharata &amp; The Ramayana</i> Humanities Washington	4,631	500	Not Funded*	

### Academic Affairs (continued)

\*From previous years.

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Thomas, Carin Chemistry	<i>Scientific Discovery Through Inquiry-Based Research: Establishing the Science Honors Research Program at CWU, Year 1 of 3</i> M. J. Murdock Charitable Trust	135,992	0	Funded*	90,000
<b>Totals</b>		<b>1,441,643</b>	<b>36,251</b>		<b>1,361,020</b>

### Brooks Library

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Ullrich, Dieter Library	<i>James Brooks Library: Preservation Overview Survey</i> Conservation Center for Art & Historic Artifacts	5,000	0	Pending	
Ullrich, Dieter Library	<i>Student Newspaper Preservation Project</i> Washington State Library	8,383	0	Pending	
<b>Totals</b>		<b>13,383</b>	<b>0</b>	<b>0</b>	<b>0</b>

### Business Affairs

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Rittereiser, Steve Campus Police	<i>Crime Scene Investigative Equipment</i> Washington Association of Sheriffs & Police Chiefs	9,418	0	Not Funded	
Rittereiser, Steve Campus Police	<i>Partnerships to Improve Traffic Safety in Higher Education</i> Washington State Traffic Safety Commission	37,000	0	Not Funded*	
Rittereiser, Steve Campus Police	<i>Scene PD Software</i> Kittitas County Law & Justice Council	1,544	0	Pending	
<b>Totals</b>		<b>47,962</b>	<b>0</b>		<b>0</b>

### College of Arts & Humanities

\*From previous years.

<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>
Blair, Karen History	<i>Washington State History Day, 2004-05</i> Washington State Superintendent of Public Instruction	4,000	0	Funded	4,000
Cummings, Bobby English	<i>Using Technology to Integrate Writing into the Content Areas</i> National Writing Project	15,000	0	Funded	15,000
Cummings, Bobby English	<i>Central Washington Writing Project, 2005-06</i> National Writing Project	63,000	0	Funded	48,000
Herman, Dan History	<i>Under the Tonto Rim: Conflict, Culture, &amp; Memory in a Western Region</i> NEH	5,000	0	Funded	5,000
Li, Chenyang Philosophy	<i>Toward a Harmonious Cosmos: Confucian Ideal of 'He' for a Peaceful World</i> U.S. Department of Education	54,602	0	Not Funded	
Li, Chenyang Philosophy	<i>Toward a Harmonious Cosmos: Confucian Ideal of He/Ho for a Peaceful World</i> Chiang Ching-kuo Foundation	39,950	0	Not Funded	
Nelson, Josh Foreign Languages	<i>Chinese Professorship. Year 3 of 3</i> Casten Family Foundation	15,000	0	Funded	15,000
Ogden, Michael Communication	<i>Born Out of Rodeo</i> Humanities Washington	10,000	0	Not Funded	
Robinson, Scott Theatre Arts	<i>CWU's Drama Teachers Summer Institute: Dramatic Literature &amp; Clues to Acting Shakespeare Intensives for Teachers K-12 &amp; Beyond</i> NEH	78,608	11,176	Pending	
Robinson, Scott Theatre Arts	<i>Sterling Savings Bank Family Theatre Series</i> Sterling Savings Bank	5,000	0	Funded	5,000
Schnelle, Robert English	<i>Writing Center Support</i> Northwest Academic Computer Consortium	2,492	0	Not Funded	

**College of Arts & Humanities (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>
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\*From previous years.

Snedeker, Jeffrey Music	<i>New Wine for an Old Bottle: Contemporary Music for the Natural Horn</i> NEH	5,000	0	Not Funded	
<b>Totals</b>		<b>297,652</b>	<b>11,176</b>		<b>92,000</b>

### College of Education & Professional Studies

<b>Name Department</b>	<b>Title Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Bergman, Ethan Family & Consumer Sciences	<i>Overweight in Elementary Children: Can Changes in School Food Service &amp; Nutrition Education Make a Difference?</i> National Food Service Management Institute, University of Southern Mississippi	131,867	38,869	Not Funded	
Bergman, Ethan Family & Consumer Sciences	<i>Implementation of the Bachelor of Applied Science in Food Service Management at CWU</i> U.S. Department of Agriculture	28,691	5,451	Not Funded*	
Bergman, Ethan Family & Consumer Sciences	<i>Outcome Evaluation for YVFWC Office of Minority Health</i> Yakima Valley Farm Workers Clinic	15,000	0	Funded	15,000
Black, Ann CEPS	<i>Enhanced Anchored Instruction</i> U.S. Department of Education	60,276	4,464	Funded	60,276
Black, Ann CEPS	<i>Special Education Technology Center, 2004-05</i> Washington State Superintendent of Public Instruction	293,920	21,830	Funded	293,920
Bowers, Jan Family & Consumer Sciences	<i>Pacific Northwest Alliance for Facilitating a Collaborative FCS Masters Degree</i> U.S. Department of Agriculture	145,126	14,099	Not Funded	
Bowers, Jan Family & Consumer Sciences	<i>Kittitas County Education Partnership</i> U.S. Department of Education	204,620	15,157	Not Funded*	

### College of Education & 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>
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\*From previous years.

Bowers, Jan Family & Consumer Sciences	<i>CWU &amp; Kittitas County Head Start Collaboration Project for Infant &amp; Toddler Care, Year 4 of 4</i> U.S. Department of Education	41,000	3,280	Funded	41,000
Bowers, Jan Family & Consumer Sciences	<i>National Partnership for Facilitating Teacher Preparation for Family &amp; Consumer Sciences, Year 3 of 3</i> U.S. Department of Agriculture	68,383	4,872	Funded	68,383
Bowers, Jan Family & Consumer Sciences	<i>Faculty &amp; Student Partnership for Facilitating Three Categories of Civic Engagement</i> Washington State Higher Education Coordinating Board	35,000	0	Funded*	35,000
Braunstein, Lori ITAM	<i>Hewlett-Packard Technology for Teaching IT</i> Hewlett-Packard	70,499	0	Not Funded	
Carrothers, Carol CEPS	<i>Deaf Family Retreat Services</i> Puget Sound E.S.D.	3,000	0	Funded	3,000
D'Acquisto, Leo PEHLS	<i>EHS Athletic Trainer</i> Ellensburg High School	8,135	0	Funded	8,135
Delgado, Quenby Family & Consumer Sciences	<i>Increasing Access to to Child Care for CWU Students, Year 1 of 2</i> Washington State Higher Education Coordinating Board	37,500	0	Pending	
Delgado, Quenby Family & Consumer Sciences	<i>Increasing Access to Child Care for CWU Students, Year 2 of 2</i> Washington State Higher Education Coordinating Board	28,524	0	Funded	28,524
DePaepe, James Teacher Education Programs	<i>Teaching American History Evaluation Design, Year 2 of 3</i> U.S. Department of Education	29,667	1,141	Funded	29,986
Hoover, Amy IET	<i>Aviation, Construction, Engineering &amp; Safety Summer Camp for Young Women</i> U.S. Department of Education	55,690	4,125	Pending	
Hoover, Amy IET	<i>Experimental Analysis of Task Prioritization Training for General Aviation Pilots</i> Wolf Aviation Fund	1,485	0	Funded	1,485
Hughes, Craig Teacher Education Programs	<i>Preparing All Teachers for Linguistic Diversity, Year 5 of 5</i> U.S. Department of Education	164,617	12,194	Funded	164,617

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

<b>Name</b>	<b>Title</b>	<b>Amount</b>			<b>Amount</b>
<b>Department</b>	<b>Agency</b>	<b>Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Funded</b>
Hughes, Craig	<i>Preparing All Teachers for Linguistic Diversity, Year 4 of 5</i>	186,473	13,813	Funded	186,473

\*From previous years.



Teacher Education Programs	U.S. Department of Education				
Oncina, Carlos IET	<i>Engineering Skills Survey</i> Yakima County	8,940	700	Funded	8,940
Papadopoulos, Charilaos HHPR	<i>Seniors Physical Activity and Community Evaluation</i> [S.P.A.C.E.] Project: <i>The Influence of "Built" Environment on Physical Activity Among Older Adults Living in Three Rural Towns</i> Robert Woods Johnson Foundation	146,462	12,093	Not Funded	
Pappas, James Teacher Education Programs	<i>Disseminating a Sustainable Model for Improving Student Academic Service-Learning, Moral Capacity &amp; Civic Skills in Higher Education</i> U.S. Department of Education	187,871	8,879	Not Funded*	
Pappas, James Teacher Education Programs	<i>Connecting the CWU Campus to Community Agencies, Year 1 of 2</i> Washington State Higher Education Coordinating Board	35,000	0	Funded	35,000
<b>Totals</b>		<b>1,987,746</b>	<b>160,967</b>		<b>979,739</b>

### College of the Sciences

<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>
Andonie, Razvan Computer Science	<i>Chess on a Grid</i> Northwest Academic Computer Consortium	10,000	0	Not Funded	
Andrews, Tracy Anthropology	<i>Culture, Environment, &amp; Health: Balancing Traditional Healing &amp; Biomedicine in Treatment of Childhood Illness</i> Charles A. & Anne Morrow Lindbergh Foundation	10,500	0	Not Funded*	
Andrews, Tracy Anthropology	<i>Nitrate Exposure &amp; Methemoglobin Levels Among Infants</i> Washington State Department of Health/Environmental Protection Agency	257,299	63,514	Funded	257,299

#### 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>
Andrews, Tracy Anthropology	<i>Culture, Health &amp; Childhood Illness: Hispanic Explanatory Frameworks &amp; Treatment Behavior</i>	15,055	0	Funded*	15,055

\*From previous years.

Wenner-Gren Foundation for Anthropological Research, Inc.

Boersma, Stuart Mathematics	<i>Interdisciplinary Lively Application Projects at CWU, Year 1 of 3</i> NSF	62,956	19,514	Funded*	33,908
Bohrson, Wendy Geology	<i>In Answer to a National Challenge: Recruiting &amp; Retaining Students in Science, Technology, &amp; Mathematics (STEM) Fields</i> NSF	220,903	51,446	Not Funded	
Bohrson, Wendy Geology	<i>Collaborative Research: Internally-Consistent Model for Trace &amp; Major Element Evolution in Open System Magma Bodies: Merging EC-RAFC &amp; MELTS, Year 1 of 3</i> NSF	66,605	12,273	Funded*	66,605
Braunstein, Michael Physics	<i>Acquisition of Virtual Instrument Infrastructure for Research, Research Training &amp; Instrument Development at CWU: A Virtual Instrument Bank (VIB)</i> NSF	108,321	13,445	Not Funded*	
Bullock, Eric Chemistry	<i>Mixed Thiolate Self-Assembly on Gold &amp; Silver Surfaces, Years 1 &amp; 2 of 2</i> Research Corporation	37,899	0	Funded*	37,899
Chapman, Yvonne Law & Justice	<i>Teen Court Project</i> U.S. Department of Justice	107,499	26,024	Not Funded	
DeLeon, Lourdes Anthropology	<i>Documenting Cultural Affiliation of Mid-Columbia Repatriation Collection</i> U.S. Department of the Interior	72,924	14,585	Pending	
DeLeon, Lourdes Anthropology	<i>Tracing Human Remains in CWU Repository "Controlled" by Walla Walla District Corps of Engineers</i> U.S. Corps of Engineers	54,780	15,467	Pending	
DeLeon, Lourdes Anthropology	<i>Archival Documentation</i> Douglas County P.U.D.	6,082	793	Funded	7,500

**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>				
Diaz, Anthony Chemistry	<i>CAREER: Fundamental Investigations of Energy Transfer in Luminescent Materials</i> NSF	146,515	16,995	Not Funded	

\*From previous years.

Diaz, Anthony Chemistry	<i>Henry Dreyfus Teacher-Scholar Award</i> The Camille & Henry Dreyfus Foundation	19,104	0	Not Funded*	
Diaz, Anthony Chemistry	<i>Energy Flow &amp; Trapping Processes in Luminescent Materials Under Vacuum Ultraviolet Excitation, Year 1 of 3</i> American Chemical Society	16,000	0	Pending	
Downs, Andrew Psychology	<i>Central Washington Early Intervention Project</i> U.S. Department of Education	60,370	15,084	Not Funded	
Ely, Lisa Geology	<i>RUI &amp; Collaborative Research: Effects of Large-Scale Extrafluvial Processes on River Channel Evolution, Year 1 of 3</i> NSF	54,671	10,254	Pending	
Fabry-Asztalos, Levente Chemistry	<i>Novel 1,3-Azaborine Heterocycles as Aspartic Protease Inhibitors</i> Research Corporation	34,828	0	Not Funded	
Fabry-Asztalos, Levente Chemistry	<i>New 1,3-Azaborine Heterocycles as Protease Inhibitors</i> Research Corporation	42,218	0	Not Funded*	
Fallshore, Marte Psychology	<i>RUI: Crime Severity Assessment</i> NSF	65,328	14,359	Not Funded	
Gabriel, Anthony Geography	<i>Eastern Washington Lakes Shoreline Characterization &amp; Restoration (Moses Lake &amp; Lakes of Spokane County)</i> Washington State Department of Ecology	24,972	2,270	Not Funded*	
Gabriel, Anthony Geography	<i>Hanson Ponds Restoration Project Monitoring</i> Yakama Nation	942	0	Funded	942
Gabriel, Anthony Geography	<i>Restoration of the Wapato Floodplain: A Template for the Preservation, Restoration, &amp; Monitoring of Critical Habitat within the Wapato Floodplain of the Yakima River Basin, Washington--Phase II</i> Yakama Nation	29,992	3,308	Funded	29,992

**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>				
Gazis, Carey Geology	<i>Practicing Research in Science &amp; Math (PRISM)</i> NSF	656,357	55,498	Not Funded*	
Gazis, Carey	<i>Track 1, GK-12: Practicing Research in Science &amp; Math (PRISM),</i>	654,354	54,034	Pending	

\*From previous years.

Geology	Year 1 of 3 NSF				
Gazis, Carey Geology	<i>RUI: Using Stable Isotopes to Characterize the Soil Water Budget Across a Climate Gradient, Year 1 of 3</i> NSF	75,243	14,383	Pending	
Gazis, Carey Geology	<i>Using Stable Isotopes to Trace Nitrate Sources &amp; Surface Water-Groundwater Interactions</i> U.S.D.I., U.S. Geological Survey	27,490	0	Funded	27,490
Gellenbeck, Edward Computer Science	<i>Integrating Accessibility into the Computer Science Curriculum, Years 1-3 of 3</i> NSF	32,790	0	Pending	
Hackenberger, Steve Anthropology	<i>Kittitas County Conservation District Archaeology Project</i> Kittitas County Conservation District	30,000	4,053	Funded	30,000
Hackenberger, Steven Anthropology	<i>MountainStar Cultural Resource Projects</i> MountainStar Resort Development, LLC	378,000	62,527	Funded	378,000
Hickey, Robert Geography	<i>Computers in the Field: Enhancing Geographic Mapping Using Handheld PCs</i> Northwest Academic Computer Consortium	10,000	0	Not Funded	
Hickey, Robert Geography	<i>Virtual Environments as a Communication Tool, Years 1 &amp; 2 of 2</i> Puget Sound Energy	39,365	3,333	Pending	
Hickey, Robert Geography	<i>Trail Mapping</i> Washington State Parks & Recreation Commission	4,562	378	Funded	4,562
Hickey, Robert Geography	<i>Shapefiles of Existing Trails</i> Interagency Committee for Outdoor Recreation	4,990	618	Funded	4,990

**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>				
Hickey, Robert Geography	<i>Virtual Windfarm Mapping</i> Puget Sound Energy	1,000	0	Funded	1,000
Hoskin, Paul Geology	<i>Fossilization of Central Washington 's Ancient Forests: An Integrated Study</i>	2,957	0	Not Funded	

\*From previous years.

Evolving Earth Foundation

Huckabay, James Geography	<i>Big Game Management Roundtable Assistantship 2004-05</i> Big Game Management Roundtable	8,135	0	Funded	8,135
Jensvold, Mary Lee Psychology	<i>Conversational Competence in Chimpanzee Signing</i> NSF	188,410	28,073	Not Funded	
Johansen, Anne Chemistry	<i>Ultrafine Particles &amp; Mitochondrial Dysfunction, Year 1 of 2</i> NIH	98,314	26,089	Pending	
Johansen, Anne Chemistry	<i>Acid Rain Analysis in Mt. Rainier National Park, 2005-06, Year 4 of 5</i> U.S.D.I., National Park Service, Mt. Rainier National Park	9,000	818	Funded	9,000
Johansen, Anne Chemistry	<i>Acid Rain Analysis in Mt. Rainier National Park, 2004-05, Year 3 of 5</i> U.S.D.I., National Park Service, Mt. Rainier National Park	9,000	818	Funded	9,000
Johnson, Gene Psychology	<i>AGS Psychology Assessment Kits</i> American Guidance Service Publishing	4,838	0	Funded	4,838
Kovalerchuk, Boris Computer Science	<i>Geospatial Data &amp; Imagery Integration</i> NSF	225,571	55,298	Not Funded*	
Kovalerchuk, Boris Computer Science	<i>Automation of Reliability &amp; Accuracy Analysis Through Combination of Structural &amp; Point-Based Image Registration Techniques, Year 1 of 3</i> NGA	142,610	25,093	Pending	
Kovalerchuk, Boris Computer Science	<i>Registration with Algebraic Structural Relational Algorithms, Year 1 of 4</i> U.S. Air Force	33,346	9,174	Pending	

**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>				
Kovalerchuk, Boris Computer Science	<i>Mathematical Frameworks Supporting Conflation Problems, Year 4 of 5</i> NIMA	164,704	36,285	Pending	
Kovalerchuk, Boris Computer Science	<i>Methodology &amp; Tools for Creating Virtual Experts, Year 4 of 5</i> NIMA	190,772	41,509	Pending	

\*From previous years.

Kovalerchuk, Boris Computer Science	<i>Earthquake Data &amp; Imagery Integration Using Algebraic Relational Invariants</i> NSF	170,803	44,430	Not Funded	
Laman, David Physics	<i>Triplet Migration &amp; Triplet-Triplet Annihilation in <math>\{\pi\}</math>-Conjugated Polymers</i> American Chemical Society	34,847	0	Not Funded*	
Lee, Jeffrey Geology	<i>Penrose Conference: Kinematics &amp; Geodynamics of Intraplate Dextral Shear in Eastern California &amp; Western Nevada</i> NSF	27,000	0	Funded	27,000
Lubinski, Patrick Anthropology	<i>Weimer Ranch Zooarchaeology</i> Alpine Archaeological Consultants	7,950	722	Funded	5,860
Lundin, Michael Mathematics	<i>Math Advance Project Workshop</i> Transition Math Project	15,000	0	Not Funded	
Matheson, Megan Psychology	<i>Field Station Planning in the Valley of the Wild Monkeys, Huangshan Scenic Spot, China</i> NSF	23,882	0	Pending	
McCutcheon, Pat Anthropology	<i>2005 Saddle Mountains Archaeological Field School</i> U.S.D.I., Bureau of Land Management	10,000	1,304	Funded	10,000
Melbourne, Timothy Geology	<i>Distributed Visualization of Terabyte-Sized Geospatial Data</i> NASA	51,581	15,019	Not Funded*	
Melbourne, Timothy Geology	<i>Plate Boundary Observatory Nucleus, Year 1 of 3</i> UNAVCO, Inc./NSF	104,814	27,842	Pending	
Melbourne, Timothy Geology	<i>CWU Plate Boundary Observatory Analysis Center, Year 1 of 4</i> UNAVCO, Inc./NSF	79,495	22,855	Funded	79,495

**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>				
Melbourne, Timothy Geology	<i>Acquisition of Long-Baseline Tiltmeters for Cascadia Slow Earthquakes, Year 2 &amp; 3 of 3</i> NSF	45,016	12,816	Funded	45,016
Miller, Meghan Geology	<i>Seismic Hazard in Cascadia: Network Support for Pacific Northwest Geodetic Array &amp; Data Analysis Facility (PANGA), Year 2 of 3</i>	35,000	7,796	Funded	32,000

\*From previous years.

U.S.D.I., U.S. Geological Survey

Miller, Meghan Geology	<i>Current Deformation above Subduction Zones over Time Scales of Hours to Centuries: Global &amp; Regional Views, Year 2 of 3</i> NASA	91,183	15,085	Funded	91,183
Montgomery, Aaron Mathematics	<i>Strengthening Student Conceptions of Function</i> Calculus Consortium for Higher Education	6,989	0	Not Funded*	
Montgomery, Aaron Mathematics	<i>College Algebra Project: Unified Representation of Function, Year 1 of 2</i> NSF	85,425	3,982	Pending	
Palmquist, Bruce Physics/Science Education	<i>Project TEACH - CWU: Targeted Science Instruction for Future Teachers, Years 1-3 of 3</i> NSF	10,812	1,410	Pending	
Pedersen, Lene Anthropology	<i>"Ichi Timini Teechum Iwa Nimi: This Land is a Part of Me</i> Jacobs Research Fund	1,199	0	Pending	
Pinkart, Holly Biological Sciences	<i>MRI: Acquisition of Instrumentation for Building a Bridge Between Molecular Biology, Ecology &amp; Evolution at CWU</i> NSF	299,004	0	Not Funded*	
Quitadamo, Ian Biological Sciences	<i>CAREER: A Quantitative System for Measuring the Effects of Educational Innovation on Changes in Student Critical Thinking</i> NSF	172,409	38,863	Not Funded	
Ramos, Frank Geology	<i>Collaborative Research: Evaluating the Processes &amp; Timescales of Rhyolitic Differentiation, Year 1 of 2</i> NSF	83,630	19,306	Pending	

**College of the Sciences (continued)**

<b>Name</b> <b>Department</b>	<b>Title</b> <b>Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Ramos, Frank Geology	<i>Collaborative Research: Origin &amp; Evolution of an E-MORB Volcano, Endeavour Segment, Juan de Fuca Ridge, Year 1 of 2</i> NSF	49,783	13,476	Pending	
Ramos, Frank Geology	<i>Collaborative Research: Flood Basalt Magma Genesis: &amp; Dynamics Application of Crystal Isotope Stratigraphy &amp; Igneous Componentry to the Columbia River Basalts Group, Year 1 of 2</i> NSF	36,241	8,073	Funded	36,241

\*From previous years.

Raubeson, Linda Biological Sciences	<i>Collaborative Research: Assembling the Tree of Life of Conifers</i> NSF	27,420	5,008	Not Funded*	
Raubeson, Linda Biological Sciences	<i>Assembling the Seed Plant Tree of Life, Year 1 of 4</i> NSF	53,087	8,913	Pending	
Raubeson, Linda Biological Sciences	<i>Comparative Chloroplast Genomics: Integrating Computation Methods, Molecular Evolution, &amp; Phylogeny, Year 4 of 5</i> NSF	19,863	5,318	Funded	18,863
Rubin, Charles Geology	<i>Evaluating Stratigraphic Evidence of the 26 December 2004 &amp; 28 March 2005 Northern Sumatra Tsunamis: Can Closely- Spaced Events Be Distinguished in the Geologic Record?</i> U.S.D.I., U.S. Geological Survey	45,020	8,451	Pending	
Rubin, Charles Geology	<i>Slip Rate Studies Along the Sierra Madre-Cucamonga Fault System Using Geomorphic &amp; Cosmogenic Surface Exposure Age Constraints, Supplement</i> Lawrence Livermore National Laboratory	3,250	0	Funded*	3,250
Sheeran, Lori Anthropology	<i>Bridges to the Baccalaureate: Linking YVCC &amp; CWU</i> NIH	129,946	18,458	Not Funded	
Sheeran, Lori Anthropology	<i>Bridges to the Baccalaureate: Linking YVCC &amp; CWU</i> NIH	119,432	20,594	Not Funded*	
Sheeran, Lori Anthropology	<i>Bridges to the Baccalaureate: Linking YVCC &amp; CWU</i> NIH	98,018	7,260	Pending	
Street, Elizabeth Psychology	<i>Educational Consulting</i> Morningside Academy	6,715	0	Funded	6,715

**College of the Sciences (continued)**

<b>Name</b>	<b>Title</b>	<b>Amount</b>			<b>Amount</b>
<b>Department</b>	<b>Agency</b>	<b>Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Funded</b>
Sun, Lixing Biological Sciences	<i>Social Interaction Holds the Key to Pandas' Breeding Success in Captivity</i> Douroucouli Foundation	8,440	0	Not Funded*	
Thomas, Carin Chemistry	<i>Mitochondrial Oxidative Stress: Iron &amp; Hydroxyl Radical</i> NIH	66,685	16,685	Not Funded*	
Uebelacker, Morris Geography	<i>CWU Native American Fellowship Program, 2005-06, Year 3 of 5</i> U.S.D.I., Bureau of Reclamation	200,000	0	Pending	

\*From previous years.



Uebelacker, Morris Geography	<i>CWU Native American Fellowship Program, 2004-05, Year 2 of 5</i> U.S.D.I., Bureau of Reclamation	210,000	0	Funded*	210,000
Verhey, Steven Biological Sciences	<i>Phase II: The Rumpelstiltskin Project: Adding Value to Agricultural &amp; Biosolid Wastes, Year 2 of 2</i> Washington Technology Center	35,562	0	Funded	35,562
Verhey, Steven Biological Sciences	<i>Phase II: The Rumpelstiltskin Project: Adding Value to Agricultural &amp; Biosolid Wastes, Year 1 of 2</i> Washington Technology Center	42,625	0	Funded	42,625
Verhey, Steven Biological Sciences	<i>Phase I: The Rumpelstiltskin Project: Adding Value to Agricultural &amp; Biosolid Wastes, Year 2 of 2</i> Washington Technology Center	16,159	0	Funded	16,159
Weyandt, Lisa Psychology	<i>The Functioning of College Students with ADHD, Year 1 of 5</i> NIH	573,117	62,371	Pending	
<b>Totals</b>		<b>7,560,357</b>	<b>1,083,349</b>		<b>1,586,184</b>

### Graduate Studies, Research & Continuing Education

<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>
Aggett, Graeme CSI	<i>Soil Erosion from Development Rapid Assessment Tool for Education</i> U.S. Department of Agriculture	117,928	28,836	Not Funded*	
Aggett, Graeme CSI	<i>Pacific Northwest Regional Geographic Information System Technology Project, 2005-06</i> U.S. Department of Agriculture	175,000	0	Pending	
Aggett, Graeme	<i>Pacific Northwest Regional Geographic Information System</i>	130,000	0	Funded*	130,000

\*From previous years.

CSI	<i>Technology Project, 2004-05</i> U.S. Department of Agriculture				
Bohrson, Wendy Geology	In Answer to a National Challenge: A Pilot Program to Increase Participation in Science, Technology, & Mathematics (STEM) Fields, Central Washington University, Year 3 of 3 NSF	86,427	18,076	Funded	86,427
Cook, James History	<i>Society, Democratization, &amp; Environmental Change in Taiwan</i> Chiang Ching-kua Foundation for International Scholarly Exchange	72,125	4,915	Not Funded*	
Cook, James History	<i>Central Washington University REU Site: Society &amp; Environment in South China</i> NSF	28,723	0	Pending	
Cook, James History	<i>Central Washington University REU Site: Society &amp; Environment in South China, Year 3 of 3</i> NSF	113,712	7,500	Funded	113,712
Findley, Carol RSVP	<i>RSVP of Kittitas County, 2005</i> Corporation for National Service	72,246	1,814	Funded	72,846
Fouts, Roger OGSR	<i>Scholarly Activity Development Program (SADP): Arts &amp; Humanities</i> Elizabeth A. Lynn Foundation	22,760	0	Not Funded	
Fouts, Roger CHCI	<i>Earthwatch 2005</i> Earthwatch Institute	53,910	0	Funded	53,910
Guggino, Julie OGSR	<i>Okanogan Valley CWU GEAR UP Program, Year 1 of 6</i> U.S. Department of Education	796,000	57,481	Pending	

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

<b>Name</b> <b>Department</b>	<b>Title</b> <b>Agency</b>	<b>Amount Requested</b>	<b>Indirect</b>	<b>Status</b>	<b>Amount Funded</b>
Jensvold, Mary Lee CHCI	<i>Responses of Signing Chimpanzees to Familiar vs. Stranger Conversational Partners with Varying Signing Skills</i> AAUW Educational Foundation	30,000	0	Not Funded	
Nemeth, Kevin Continuing Education	<i>Surpassing the WASL: A Transition to College</i> Washington State Superintendent of Public Instruction	100,171	7,883	Not Funded	
Quirk, Wayne OGSR	<i>CWU Wine Research &amp; Education Center</i> NSF	267,266	58,231	Not Funded*	
Quirk, Wayne	<i>Initiating Students into Science, Year 1 of 3</i>	58,451	18,156	Pending	

\*From previous years.

OGSR	NSF				
Vifian, Beverly OGSR	Central Washington University Gear Up, Year 3 of 5 U.S. Department of Education	1,843,750	136,574	Funded	1,843,750
<b>Totals</b>		<b>3,968,469</b>		<b>0</b>	<b>2,300,645</b>

### Student Affairs & Enrollment Management

Name Department	Title Agency	Amount Requested	Indirect	Status	Amount Funded
Anderson, Lorinda Service Learning	Help America Vote Act College Program U.S. Elections Assistance Commission	150,000	0	Not Funded	
Anderson, Lorinda Service Learning	"Valley to Valley" Confluence Washington Campus Compact, Western Washington University	1,200	0	Funded	1,200
Anderson, Lorinda Service Learning	"Central to the Community" Initiative Washington Campus Compact, Western Washington University	1,200	0	Funded	1,200
Arteaga, Mateo SAEM	Educational Opportunity Center, Year 3 of 4 U.S. Department of Education	255,385	18,917	Funded	255,385
Arteaga, Mateo SAEM	Educational Opportunity Center, Year 2 of 4 U.S. Department of Education	255,385	18,917	Funded	255,385

#### Student Affairs & Enrollment Management (continued)

Name Department	Title Agency	Amount Requested	Indirect	Status	Amount Funded
Arteaga, Mateo SAEM	Central Washington University High School Equivalency Program, Year 4 of 5 U.S. Department of Education	240,000	16,673	Funded	240,000
Arteaga, Mateo SAEM	Central Washington University College Assistance Migrant Program, Year 4 of 5 U.S. Department of Education	300,000	22,222	Funded	300,000
Arteaga, Mateo SAEM	HECB CAMP Supplement, Year 2 of 2 Washington State Higher Education Coordinating Board	6,250	0	Funded	6,250
Farmer, Gail	Project Safe & Sound CWU	200,130	43,360	Not Funded*	

\*From previous years.

Wellness Center	U.S. Department of Justice			
Farmer, Gail Wellness Center	<i>Project Safe &amp; Sound 2005, Years 1 &amp; 2 of 2</i> U.S. Department of Justice	199,822	45,529	Pending
Farmer, Gail Wellness Center	<i>Campus Community Coalition: A Collaborative Approach to Reducing High-Risk Drinking, Year 1 of 2</i> U.S. Department of Education	44,760	0	Pending
<b>Totals</b>		<b>1,654,132</b>	<b>165,618</b>	<b>1,059,420</b>

\*From previous years.