

Research Administration

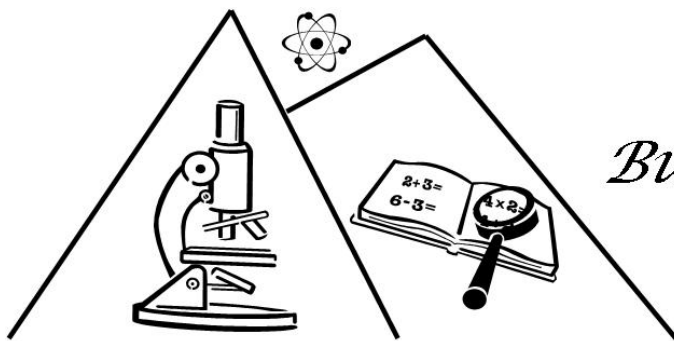
Annual Report

of

Proposals and

Awards

July 2007



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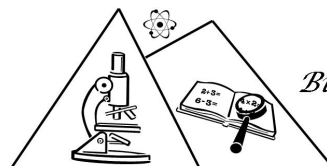
Research Administration Staff

⊕ *Michele Hargis, Ed.D*
Associate Dean, Graduate School and Research
828-227-7212
mhargis@email.wcu.edu

⊕ *Reginald Rogers*
Coordinator
828-227-2576
rfrogers@email.wcu.edu

⊕ *Wanda Ashe*
Grant Manager
828-227-2575
ashe@email.wcu.edu

⊕ *John Hawes*
Project Specialist
828-227-3180
jhawes@email.wcu.edu



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Annual Report Index

*Overview of FY 2006 & FY 2007 for WCU
Proposals & Awards Number & Dollars*

Overview of Sponsors

Proposal Dollars FY 2006 & FY 2007

Proposal Numbers FY 2006 & FY 2007

Proposal Numbers FY 2006 & FY 2007

Dollars Received FY 2006 & FY 2007

Awards Received FY 2006 & FY 2007

Overview of Colleges & Administrative Units

Proposals Submitted in FY 2007

Awards Received in FY 2007

Proposals Submitted in FY 2006

Awards Received in FY 2006

Breakdown by Colleges & Administrative Units

Proposals Submitted in FY 2007

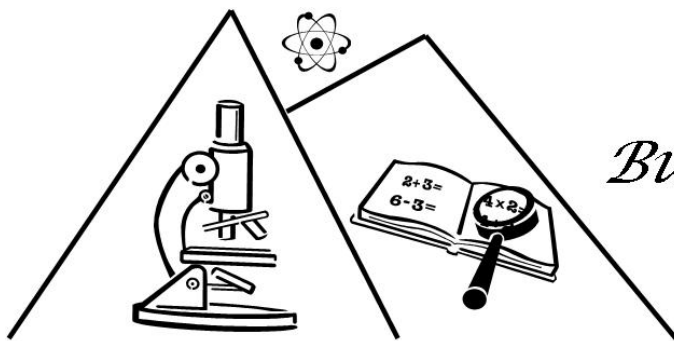
Awards Received in FY 2007

Proposals Submitted in FY 2006

Awards Received in FY 2006

Research Administration

*Overview
of Proposals and
Awards for
WCU*



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OVERVIEW

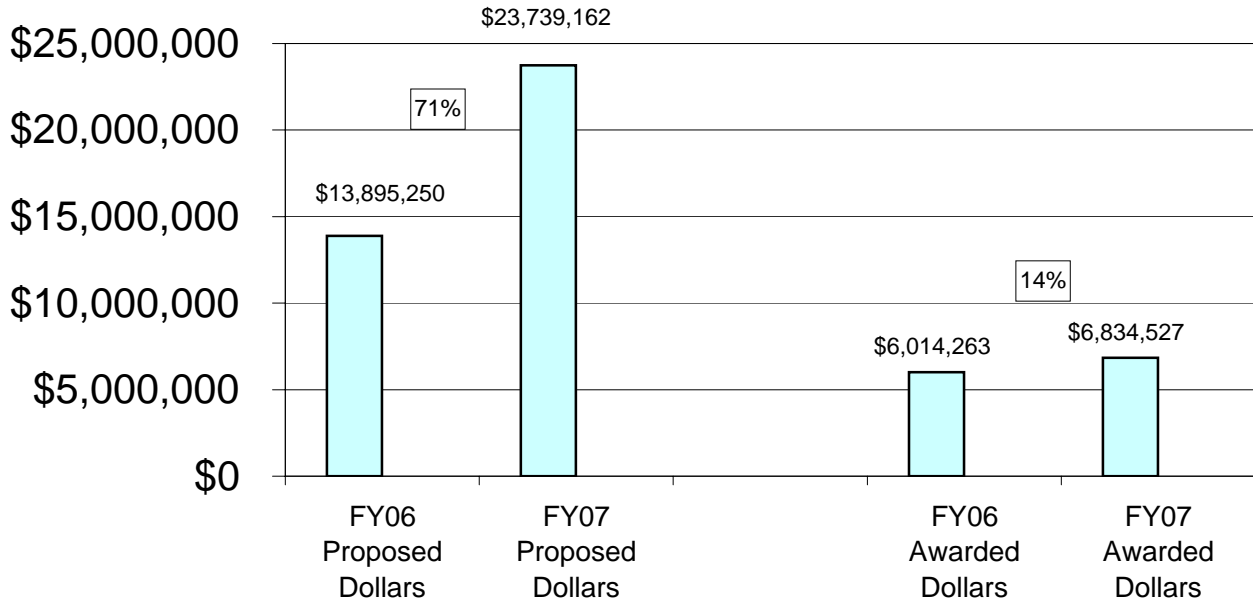


		Change
FY06 Proposed Dollars	\$13,895,250	
FY07 Proposed Dollars	\$23,739,162	71%
FY06 Awarded Dollars	\$6,014,263	
FY07 Awarded Dollars	\$6,834,527	14%
FY06 Number of Proposals	109	
FY07 Number of Proposals	107	-2%
FY06 Number of Awards	58	
FY07 Number of Awards	79	36%

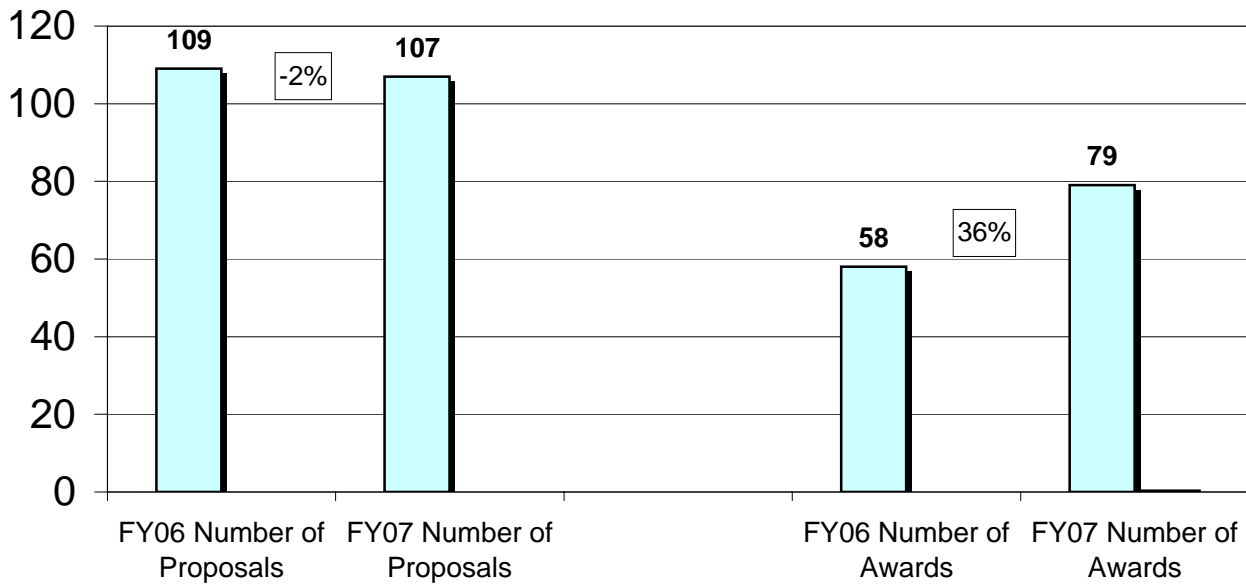


OVERVIEW

Dollars Proposed and Awarded



Number of Proposals & Awards



OVERVIEW

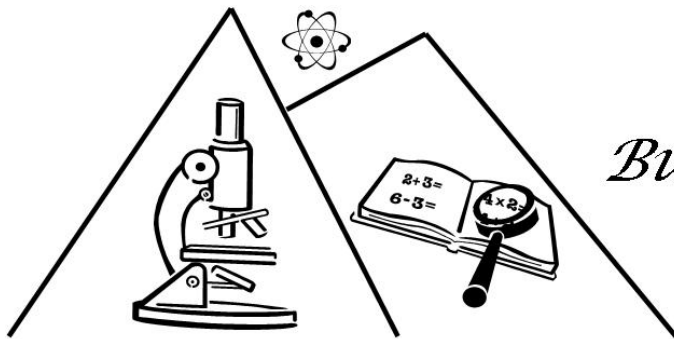
School/College	FY 2007	
	Proposed	Awarded
A & F	\$ 300,000	\$ 300,000
Academic Affairs	\$ 140,413	\$ 241,043
College of Applied Sciences	\$ 6,729,074	\$ 256,363
College of Arts and Sciences	\$ 6,605,243	\$ 1,661,767
College of Business	\$ 334,361	\$ 339,941
College of Education and Allied Professions	\$ 1,314,769	\$ 1,195,114
Coulter Faculty Center	\$ 6,459	\$ 6,459
Educational Outreach	\$ 157,584	\$ 50,000
Graduate School & Research	\$ -	\$ 56,000
IEF	\$ 533,665	\$ 578,165
International Programs and Services	\$ -	\$ -
Mountain Heritage Center	\$ 500	\$ 500
NC CAT	\$ 323,699	\$ 323,699
Office of Regional Affairs	\$ 3,788,500	\$ 1,175,728
Student Affairs	\$ 3,504,895	\$ 649,749
Total WCU	\$ 23,739,162	\$ 6,834,528

School/College	FY 2006	
	Proposed	Awarded
A & F	\$ 96,338	\$ 83,963
Academic Affairs	\$ -	\$ -
College of Applied Sciences	\$ 2,776,384	\$ 2,061,930
College of Arts and Sciences	\$ 3,830,871	\$ 1,117,059
College of Business	\$ 1,697,158	\$ 174,593
College of Education and Allied Professions	\$ 2,632,140	\$ 1,433,919
Coulter Faculty Center	\$ -	\$ -
Educational Outreach	\$ 246,500	\$ 34,500
Graduate School & Research	\$ 220,500	\$ 10,500
IEF	\$ 1,097,600	\$ 158,800
International Programs and Services	\$ 23,550	\$ -
Mountain Heritage Center	\$ -	\$ -
NC CAT	\$ 264,000	\$ 264,000
Office of Regional Affairs	\$ 1,004,294	\$ 675,000
Student Affairs	\$ 5,915	\$ -
Total WCU	\$ 13,895,250	\$ 6,014,264



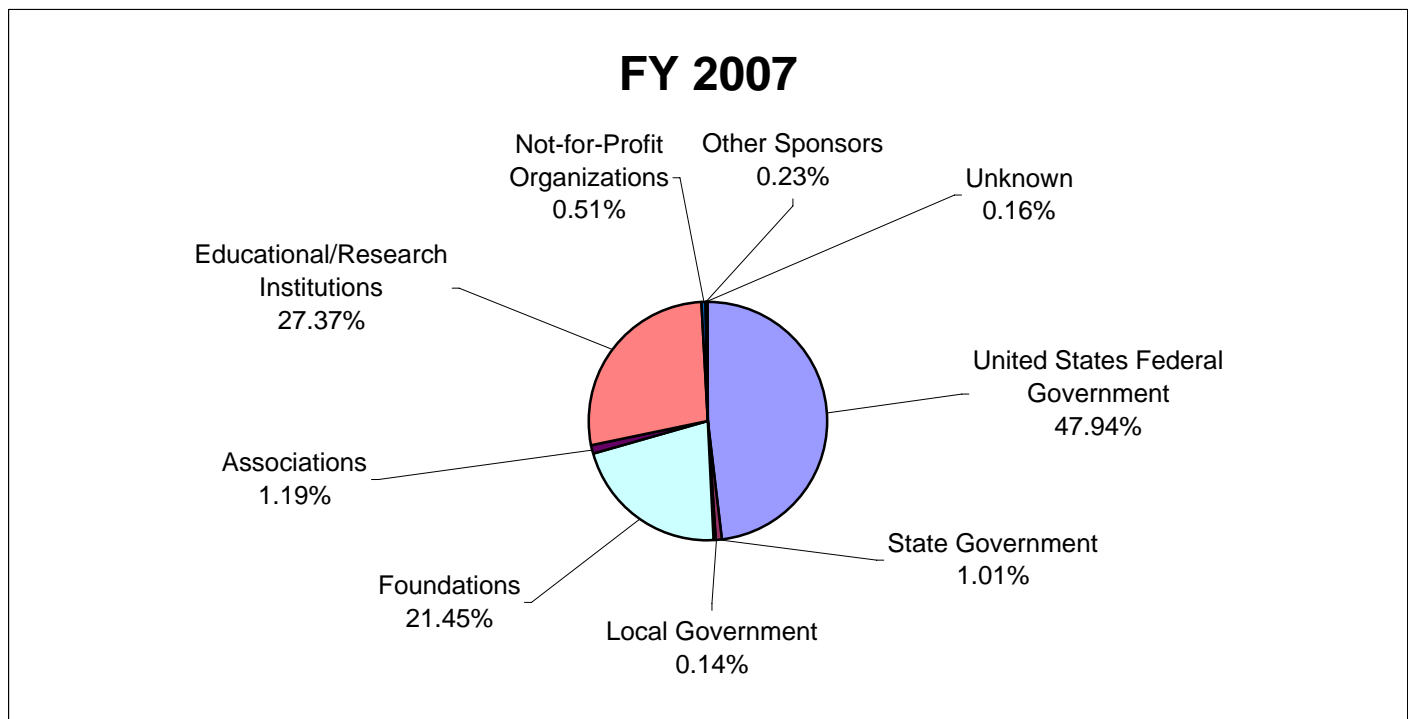
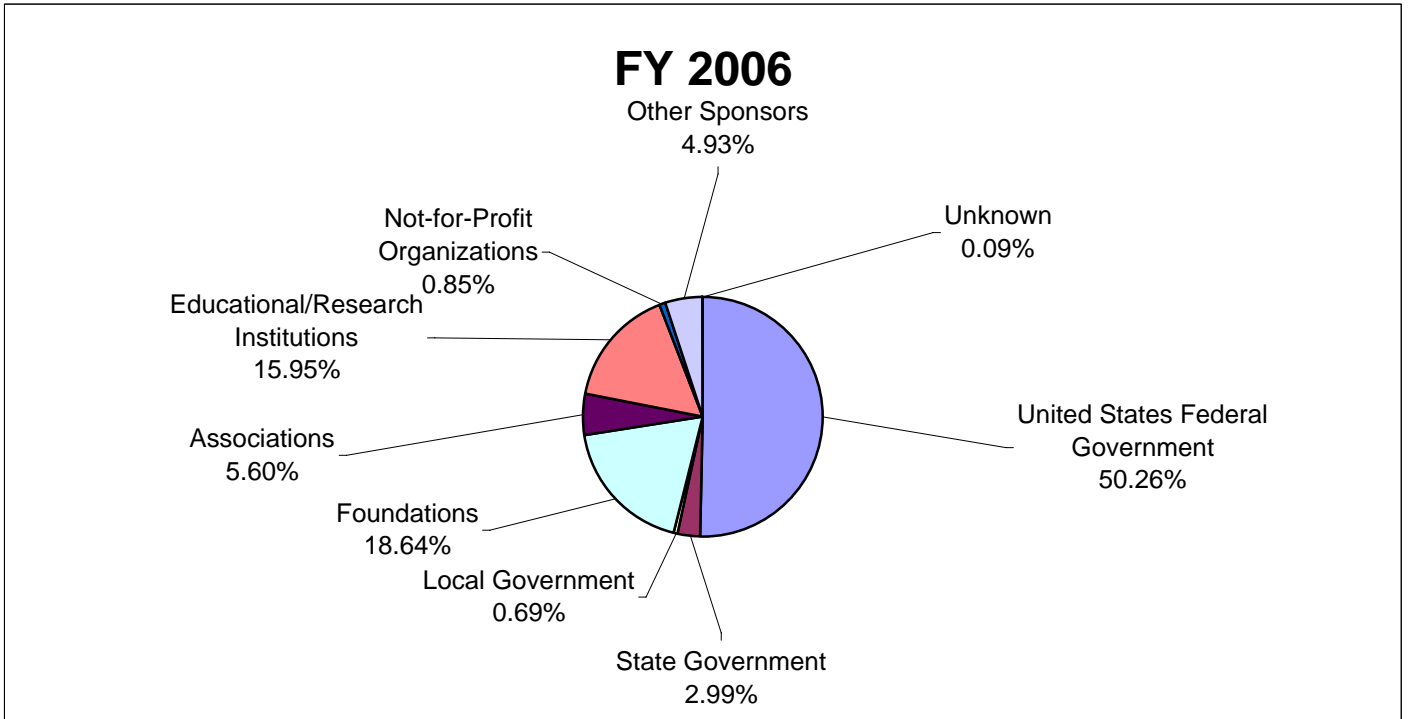
Research Administration

*Overview of
Sponsors*



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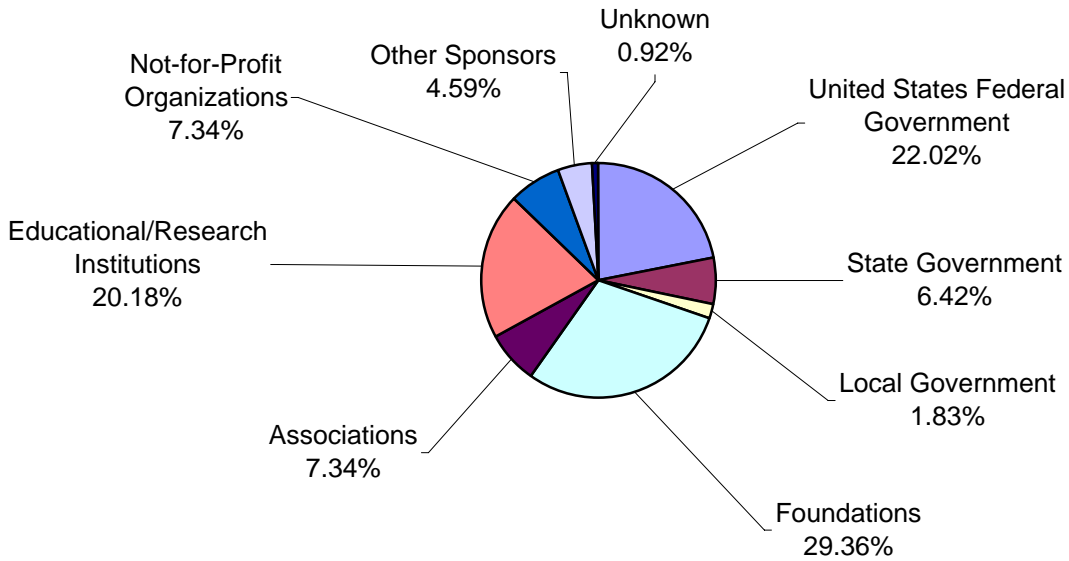
% of Proposed Dollars (by Sponsor)



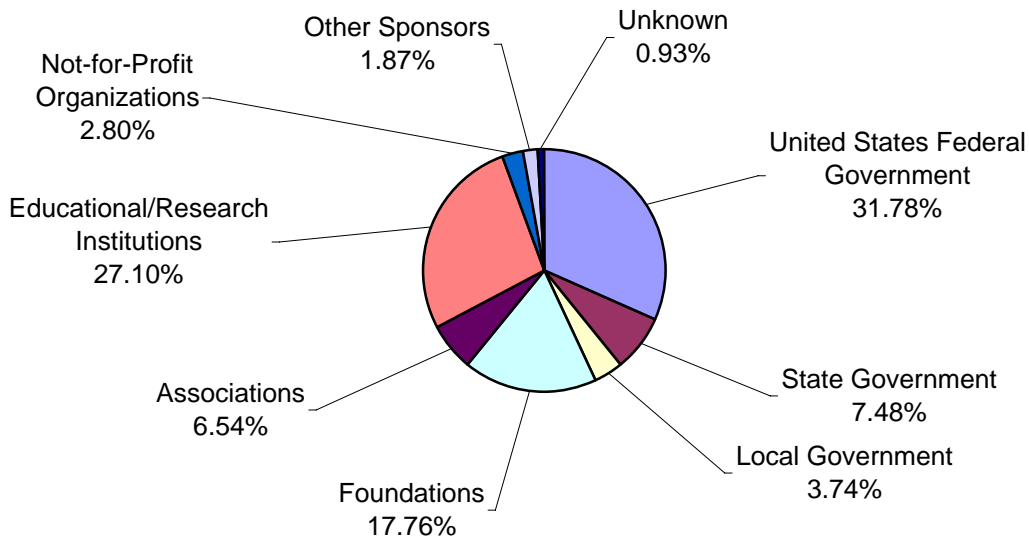
Proposal Sponsors	FY 06	FY 07
United States Federal Government	\$6,983,204	\$11,381,253
State Government	\$415,188	\$239,835
Local Government	\$96,550	\$32,500
Foundations	\$2,589,814	\$5,092,507
Associations	\$778,427	\$281,600
Educational/Research Institutions	\$2,215,836	\$6,497,084
Not-for-Profit Organizations	\$118,736	\$121,275
Other Sponsors	\$684,770	\$54,708
Unknown	\$12,725	\$38,400
Total	\$13,895,250	\$23,739,162

% of Proposals Submitted (by Sponsor)

FY 2006



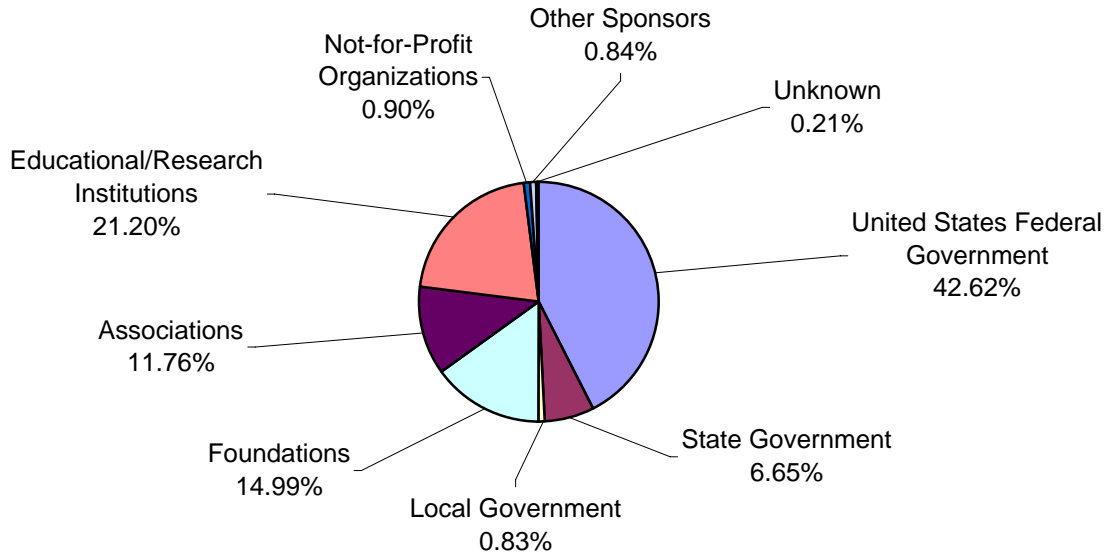
FY 2007



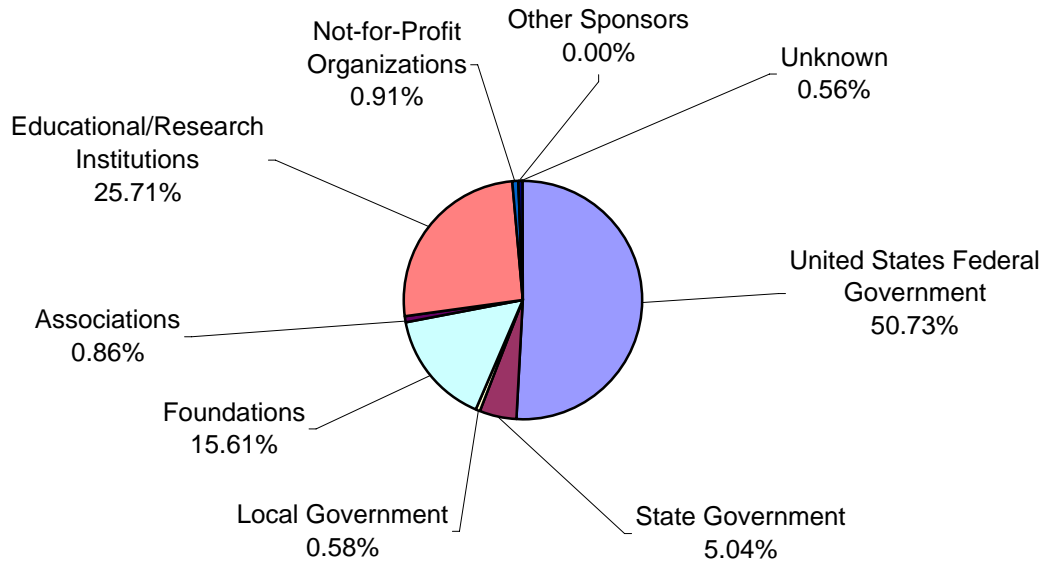
Proposal Sponsors	FY 06	FY 07
United States Federal Government	24	34
State Government	7	8
Local Government	2	4
Foundations	32	19
Associations	8	7
Educational/Research Institutions	22	29
Not-for-Profit Organizations	8	3
Other Sponsors	5	2
Unknown	1	1
Total	109	107

% of Dollars Received (by Sponsor)

FY 2006



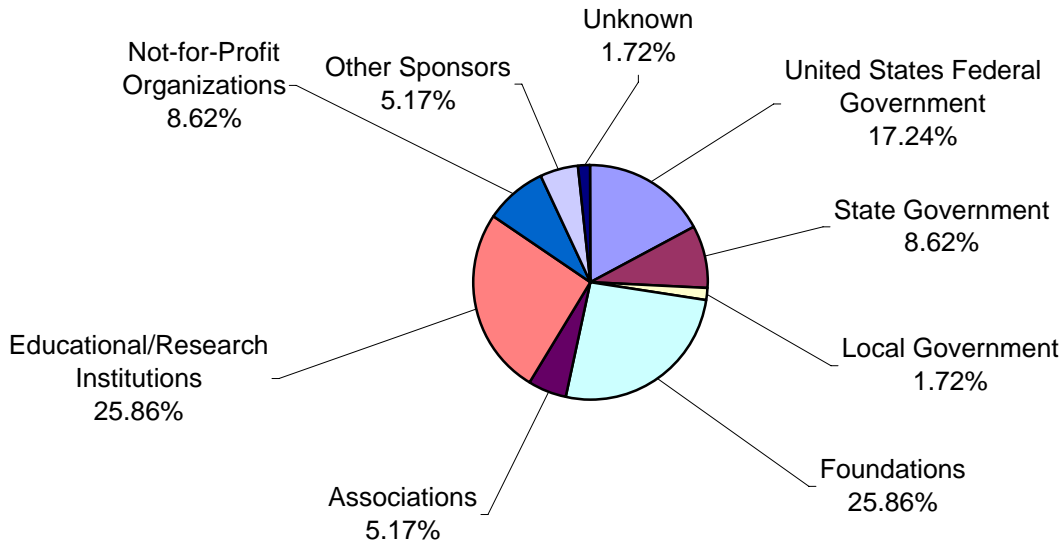
FY 2007



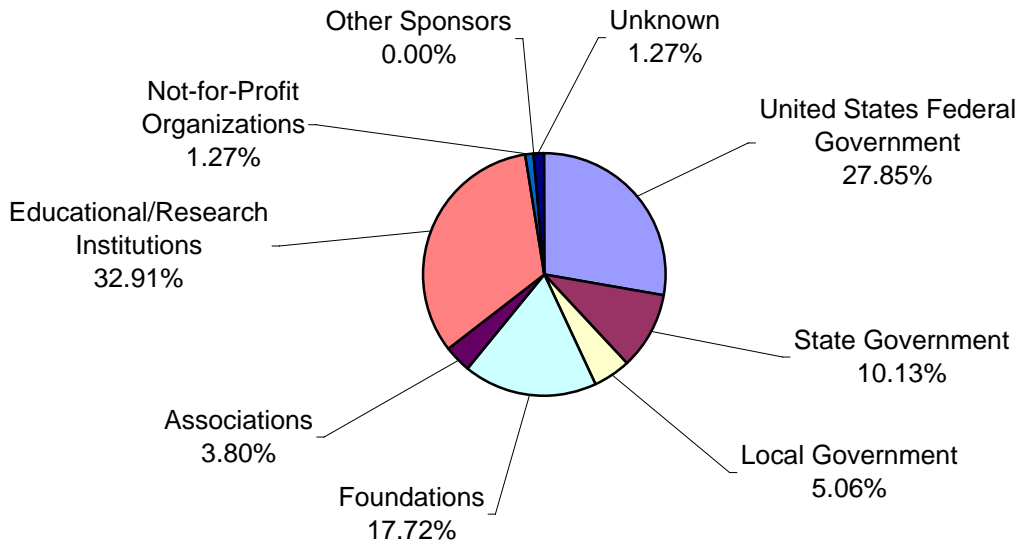
Award Sponsors	FY 06	FY 07
United States Federal Government	\$2,563,126	\$3,467,280
State Government	\$399,712	\$344,269
Local Government	\$50,000	\$39,929
Foundations	\$901,712	\$1,066,622
Associations	\$707,500	\$58,628
Educational/Research Institutions	\$1,275,114	\$1,757,389
Not-for-Profit Organizations	\$54,035	\$62,010
Other Sponsors	\$50,339	
Unknown	\$12,725	\$38,400
Total	\$6,014,263	\$6,834,527

% of Awards Received (by Sponsor)

FY 2006



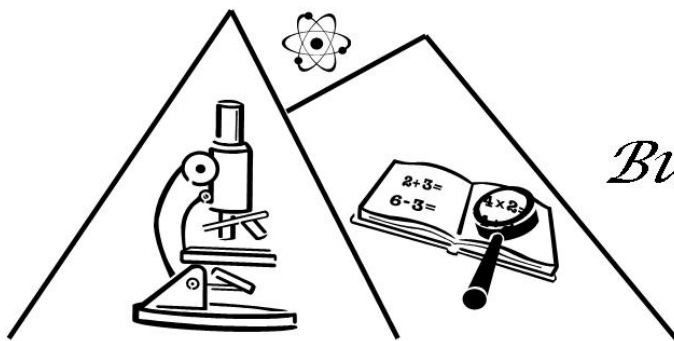
FY 2007



Award Sponsors	FY 06	FY 07
United States Federal Government	10	22
State Government	5	8
Local Government	1	4
Foundations	15	14
Associations	3	3
Educational/Research Institutions	15	26
Not-for-Profit Organizations	5	1
Other Sponsors	3	0
Unknown	1	1
Total	58	79

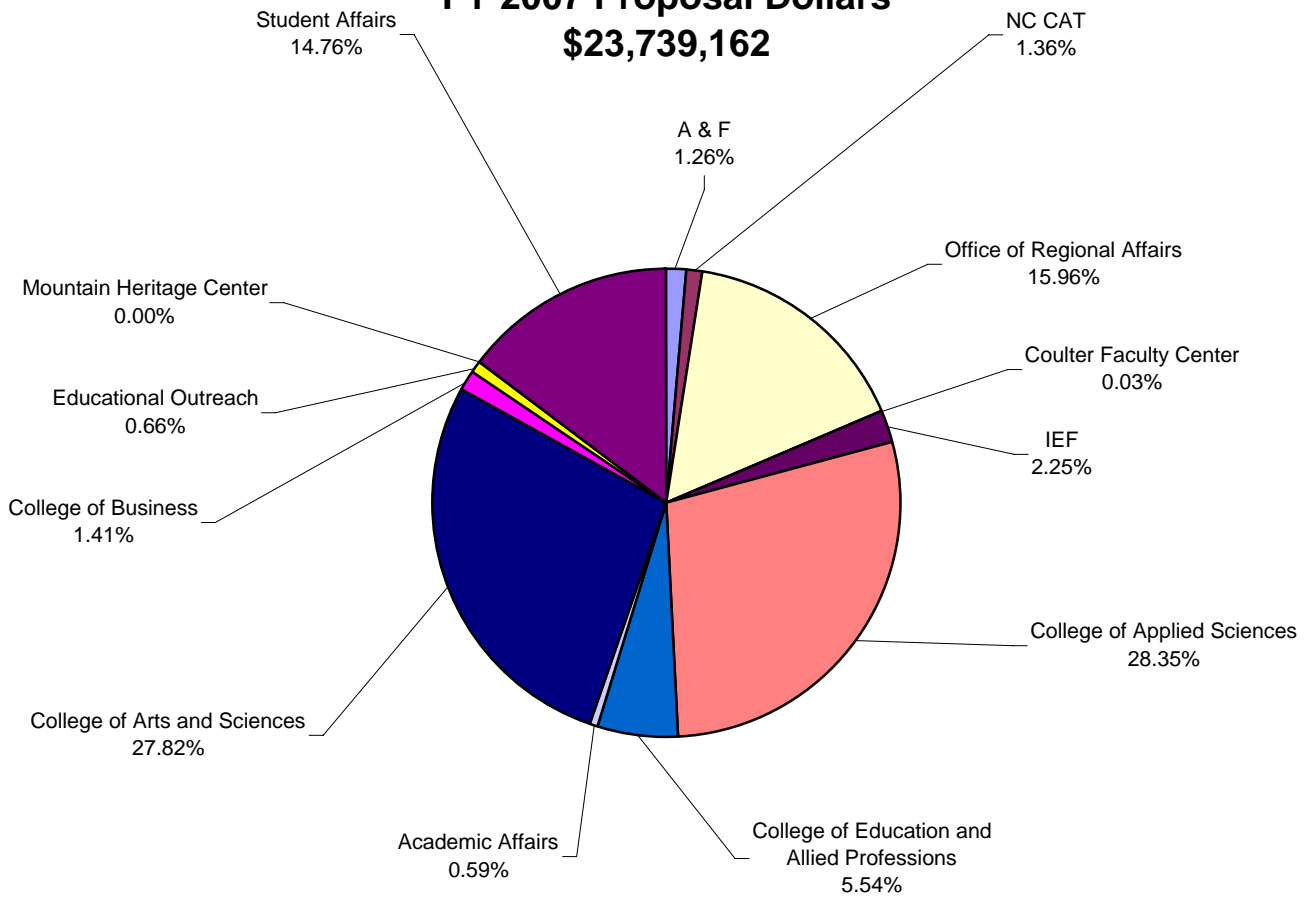
Research Administration

*Overview of
Colleges &
Administrative
Units*



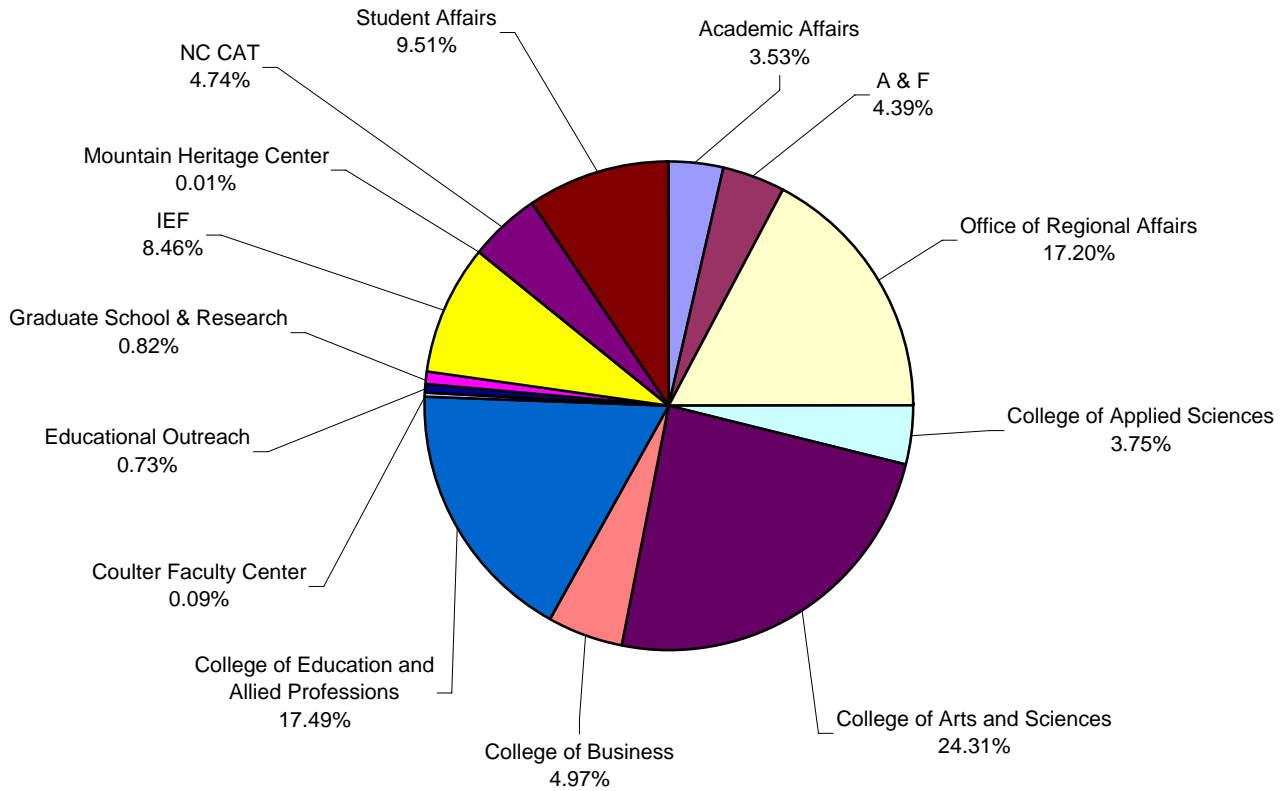
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FY 2007 Proposal Dollars
\$23,739,162



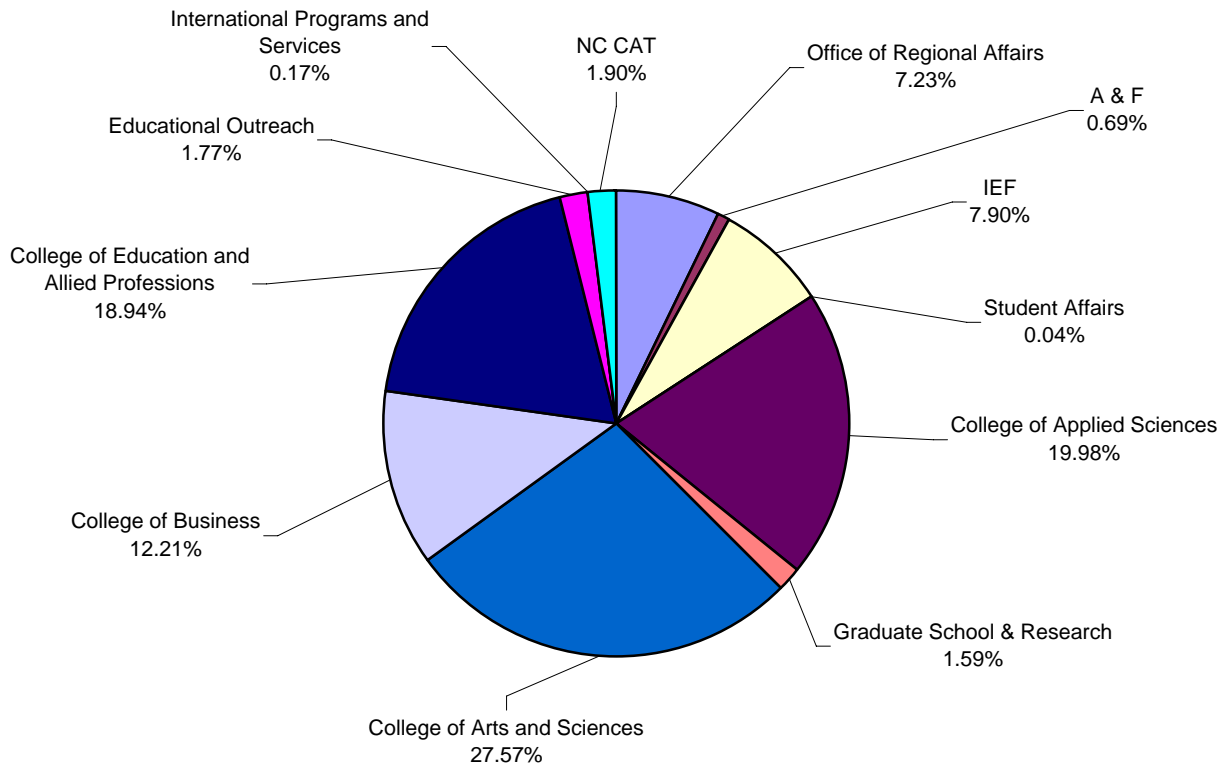
A & F	\$	300,000
NC CAT	\$	323,699
Office of Regional Affairs	\$	3,788,500
Coulter Faculty Center	\$	6,459
IEF	\$	533,665
College of Applied Sciences	\$	6,729,074
College of Education and Allied Professions	\$	1,314,769
Academic Affairs	\$	140,413
College of Arts and Sciences	\$	6,605,243
College of Business	\$	334,361
Educational Outreach	\$	157,584
Mountain Heritage Center	\$	500
Student Affairs	\$	3,504,895
Total WCU	\$	23,739,162

**FY 2007 Awarded Dollars
\$6,834,528**



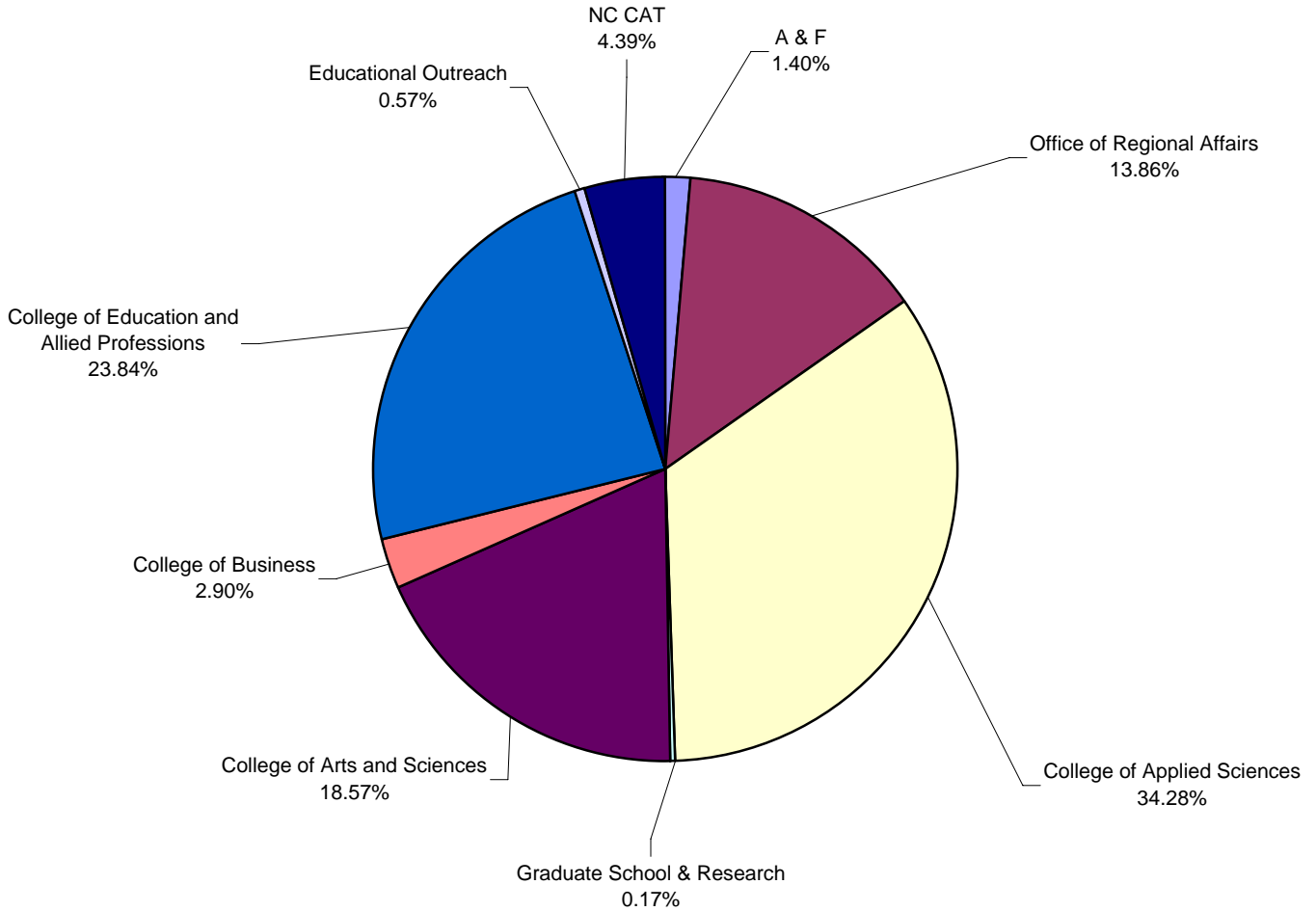
Academic Affairs	\$	241,043
A & F	\$	300,000
Office of Regional Affairs	\$	1,175,728
College of Applied Sciences	\$	256,363
College of Arts and Sciences	\$	1,661,767
College of Business	\$	339,941
College of Education and Allied Professions	\$	1,195,114
Coulter Faculty Center	\$	6,459
Educational Outreach	\$	50,000
Graduate School & Research	\$	56,000
IEF	\$	578,165
Mountain Heritage Center	\$	500
NC CAT	\$	323,699
Student Affairs	\$	649,749
Total WCU	\$	6,834,528

**FY 2006 Proposed Dollars
\$13,895,250**



Office of Regional Affairs	\$	1,004,294
A & F	\$	96,338
IEF	\$	1,097,600
Student Affairs	\$	5,915
College of Applied Sciences	\$	2,776,384
Graduate School & Research	\$	220,500
College of Arts and Sciences	\$	3,830,871
College of Business	\$	1,697,158
College of Education and Allied Professions	\$	2,632,140
Educational Outreach	\$	246,500
International Programs and Services	\$	23,550
NC CAT	\$	264,000
Total WCU	\$	13,895,250

**FY 2006 Awarded Dollars
\$6,014,264**



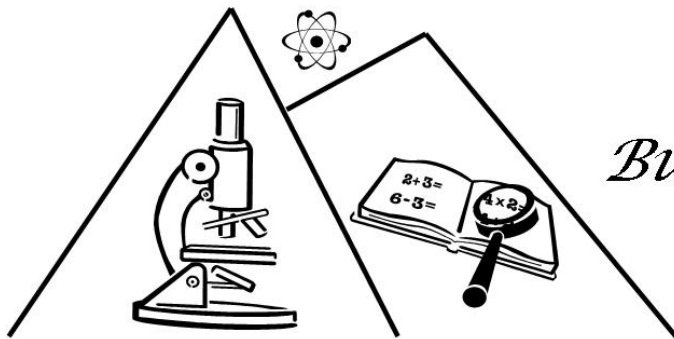
A & F	\$	83,963
Office of Regional Affairs	\$	833,800
College of Applied Sciences	\$	2,061,930
Graduate School & Research	\$	10,500
College of Arts and Sciences	\$	1,117,059
College of Business	\$	174,593
College of Education and Allied Professions	\$	1,433,919
Educational Outreach	\$	34,500
NC CAT	\$	264,000
Total WCU	\$	6,014,264

Research Administration

*Proposals
Submitted*

In

FY 2007



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**2007 Annual Report
FY 2007 Proposals Submitted
Academic Affairs**

Investigator	Amount requested	Title	Sponsor
Fariello / Stahl	\$140,413	Craft Revival: Shaping Western NC Past and Present	Western Carolina University (WCU)
Total	\$140,413		



**2007 Annual Report
FY 2007 Proposals Submitted
Student Affairs**

Investigator	Amount requested	Title	Sponsor
Huff	\$1,000	Carnival	Jackson County Economic Development Commission
McManus	\$1,484,815	Upward Bound Math and Science	US Department of Education (DoED)
Murdock	\$1,926,120	Talent Search Program	US Department of Education (DoED)
Ritchie	\$92,960	Study to Prevent Alcohol-Related Consequences	Wake Forest University
Total	\$3,504,895		



**2007 Annual Report
FY 2007 Proposals Submitted
Administration & Finance**

Investigator	Amount requested	Title	Sponsor
Wooten	\$300,000	Request for Support of Electrical Engineering Program Expansion at WCU	UNC-General Administration
Total	\$300,000		



**2007 Annual Report
FY 2007 Proposals Submitted
Applied Sciences**

Investigator	Amount requested	Title	Sponsor
Adams / Zhang	\$301,817	A Novel Application of Empirical Mode Decomposition and AutoRegressive (AR) Model Based Approach for the Detection and Prediction of Involuntary Hand Motions	National Science Foundation (NSF)
Burbank	\$17,000	NC Photonics Initiative Phase IV (EARMARK)	UNC-General Administration
Burbank / Sanger	\$2,200,000	Carolina's Photonics Consortium Initiative (EARMARK)	UNC-General Administration
Capano	\$53,875	Recommended Minimum Construction Equipment Knowledge for Entry Level Construction Manager	Association for Equipment Manufacturers
Dickinson	\$58,324	Professional Education for the Current Public Child Welfare Agency Staff	US DHHS ACF Administration on Children, Youth, and Families (ACYF)
Hall	\$205,590	Increasing the Pipeline for Nursing Faculty	Kate B. Reynolds Health Care Trust
Higgins / Lockwood / Sanger	\$697,740	An Innovative Collaborative for Adaptive Technology in Healthcare and Aging	National Science Foundation (NSF)
Hill	\$8,900	Clinical Training Site Development for Public Health Departments	Mountain Area Health Education Center (AHEC)
Hubble	\$25,000	BTCDP Educational Podcasting Project Subaward	University of New Mexico, Albuquerque
Hubble	\$8,429	Transylvania County Prehospital Care Analysis	Transylvania County EMS



**2007 Annual Report
FY 2007 Proposals Submitted
Applied Sciences**

Investigator	Amount requested	Title	Sponsor
Jacques	\$50,000	Student Services Manager for RN to BSN and RN to MSN tracks	Mountain Area Health Education Center (AHEC)
Johnson	\$698,429	WCU Nurse Anesthesia Program	US DHHS HRSA Bureau of Health Professions (BHP)
Karlet	\$2,135	Clinical Training Site Development for Haywood Regional Hospital	Mountain Area Health Education Center (AHEC)
Karlet	\$1,835	Clinical Training Site Development for Park Ridge Hospital	Mountain Area Health Education Center (AHEC)
Mallory	\$408,000	Advance Education Nursing Traineeship	US DHHS Health Resources and Services Administration (HRSA)
Mallory	\$5,000	Clinical Training Site Development for EBCI	Mountain Area Health Education Center (AHEC)
Sanger	\$1,700,000	Center for Rapid Product Realization (EARMARK)	UNC-General Administration
Sanger	\$283,000	Breaking Down the Cost. Lifestyle Barriers for Energy Efficient Sustainable Housing	Golden LEAF Foundation, Inc.
Zontek	\$4,000	Meeting Students on Their Own Turf: Podcasting as a Method to Recruit Environmental Health Majors	Association of Environmental Health Academic Programs
Total	\$6,729,074		



**2007 Annual Report
FY 2007 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
Adams	\$5,000	NC Arts Council - 2008 Literary Festival	North Carolina Arts Council
Agraz	\$28,014	Upward Bound	NC Department of Health and Human Services (DHHS)
Bates	\$38,400	Designing a Sustainable Forest Management Plan for the Balsam Mountain Preserve	Balsam Mountain Preserve
Bates	\$13,000	Monitoring Forest Sustainability: A Process Approach to Selecting and Testing Sustainable Forest Management Indicators in the Waynesville Watershed of WNC	Land Trust for the Little Tennessee
Bates	\$3,000	Ecology and Management of Upland Hardwood Forest of the Southern Appalachian Mountains	USDA NRE Forest Service (FS)
Butcher	\$542,084	Establishment for the Partnership for Education Advancement and Economic Development	National Science Foundation (NSF)
Butcher / Lockwood	\$750,000	Creation of an Innovation and Entrepreneurship Center: Institutionalizing an Entrepreneurial Culture throughout Western Carolina University	UNC-General Administration
Butcher / Mathews	\$271,479	REU Site: Biological and Chemical Diversity in the Southern Appalachians	National Science Foundation (NSF)
Collins	\$593,817	Climate Warming and Land Use Disturbance Effects on Oriental Bittersweet Invasion Potential in Managed Forests	US Department of Agriculture (USDA)



**2007 Annual Report
FY 2007 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
Collins	\$389,988	Is the high elevation rock outcrop endemic <i>Houstonia purpurea</i> var <i>montana</i> at risk of extinction?	National Science Foundation (NSF)
Collins	\$117,318	MIRI Collaborative Research: Acquisition of Growth Chambers for Research and Training in the Southern Appalachians	National Science Foundation (NSF)
Collins	\$40,075	Implementing Inquiry-based learning in the WCU Plant Ecology and Biodiversity Curriculum	National Science Foundation (NSF)
Collins	\$3,349	Location and simulated harvesting effects on the medicinal herb <i>Chamaelirium luteum</i>	USDA NRE Forest Service (FS)
Collins / McNelis	\$156,785	UBM: Interdisciplinary Training in Quantitative Ecology	National Science Foundation (NSF)
Cooper	\$20,000	Information Provision and Delivery: What information do citizens want and how do they want it delivered?	IBM Center for the Business of Government
Costa	\$276,000	FSML: New Classrooms and Teaching Laboratories for the Highlands Biological Station	National Science Foundation (NSF)
Costa	\$79,268	Grassroots Science Museum	NC Department of Environment and Natural Resources (DENR)
Costa	\$3,000	The Ethology of Leaf Clipping by Caterpillars in Southern Appalachian Hardwood Forest Communities	USDA NRE Forest Service (FS)
Cozzo	\$150,000	Revitalization of Traditional Cherokee Artisan Resources	Cherokee Preservation Foundation
Cruz / Philyaw	\$2,100	Death & Dying in Appalachian Culture: A Community Conversation	Asheville Citizens Times



**2007 Annual Report
FY 2007 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
Despeaux	\$1,000	Smoky Mountain Undergraduate Research Conference on the History of Mathematics	National Science Foundation (NSF)
DeWald	\$34,200	Formation of Multi-Institutional Natural Resources Distance Learning Consortium	Virginia Polytechnic Institute and State University
Eastman	\$233,697	Cherokee Language Revitalization Project	Cherokee Preservation Foundation
Eastman	\$32,010	Quanasee Town Preservation and Education Project	Cherokee Preservation Foundation
Hatley / Lefler	\$18,500	Culturally Based Native Health Program Support	Cherokee Preservation Foundation
Heckert	\$3,400	Photometry of Short-Period Eclipsing RS Cvn Systems During 2007 & 2008	American Astronomical Society (AAS)
Hickey	\$7,725	Needs Assessment for Cashiers North Carolina	Community Foundation of Western North Carolina, Inc.
Holliday	\$57,684	TEXNH: Evaluation, Adoption, and Extension	National Science Foundation (NSF)
Huffman	\$75,000	Search for Renewable, Biodegradable Dyestuffs	NC Biotechnology Center (NCBC)
Huffman / Salido	\$72,729	Innovative Approaches to Energy: A New Course on the Synthesis and Characterization of Biofuels	National Science Foundation (NSF)
Hyman	\$1,250	Territorial and antipredator behavior in urban and rural habitats in the song sparrow, <i>Melospiza melodia</i>	Highlands Biological Foundation, Inc.



**2007 Annual Report
FY 2007 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
Kinner	\$15,434	Debris Flow Research	US DoI United States Geological Survey (USGS)
Lawson	\$13,100	Modeling Human Arm Movement Using Geometric Mechanics and Geometric Integrators	Brigham Young University
Lord / Miller	\$30,000	Development of a Water Quality Monitoring Network for Waynesville Watershed	Waynesville, NC
Manning	\$1,000	Children of a Lesser God Production	Jackson County Arts Council
McRae	\$30,000	Raising Jim Crow: White Southern Women and the Politics of White Supremacy	American Council of Learned Societies (ACLS)
O'Connell	\$269,330	RUI Multi-domain Survey of Rhizosphere Microbial Communities from Imperiled Eastern Hemlock	National Science Foundation (NSF)
O'Connell	\$16,275	Enhancement of Student Learning: Biodiversity & Bioinformatics of Cypriot Microorganisms	NC Biotechnology Center (NCBC)
O'Connell	\$5,000	Bacterial Inhabitants of Eastern Hemlocks (<i>Tsuga canadensis</i>) Rhizospheres: Links to Plant Survival and Sustainability	Discover Life in America, Inc.
Pechman	\$70,000	Post-Katrina research on conservation and recovery of the endangered dusky gopher frog	US Department of the Interior (DOI)
Pechman	\$37,566	Novation Agreement to Transfer U.S. Fish and Wildlife Services Grant	University of New Orleans
Robbins	\$91,093	Cherokee Youth Center Arts Curriculum Development	Cherokee Preservation Foundation



**2007 Annual Report
FY 2007 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
Salido	\$102,083	A Portable Tungsten-Coil Atomic Emission Detector for Nuclear Forensics	National Science Foundation (NSF)
Snover	\$47,000	Interdisciplinary Science and Entrepreneurship Graduate Program	National Collegiate Inventors and Innovators Alliance
Snover	\$25,000	PSM Module Development of Scientific Innovation Management and Opportunity Assessment	UNC-General Administration
Summers	\$40,696	Mechanistic studies of iron (III) reduction and their use in characterizing species involved in oxidative stress	Research Corporation
Tanner	\$3,300	Use of Biomarkers to Determine Life Cycles of Maine Salt Marsh Pannes	University of Maine
Young	\$1,567,607	Elwha Science Education Project	National Science Foundation (NSF)
Yurkovich	\$220,887	REU (Collaborative): The Origins and Tectonic Significance of Mafic and Ultramafic Rocks of the Southern Blue Ridge	National Science Foundation (NSF)
Total	\$6,605,243		



**2007 Annual Report
FY 2007 Proposals Submitted
Business**

Investigator	Amount requested	Title	Sponsor
Cagle	\$117,356	Western Regional Service Center	NC Small Business and Technology Development Center (SBTDC)
Richmond	\$5,875	Canton Revitalization Project - The Aftermath of a Disaster	Princeton University
Zanglein	\$211,130	North Carolina Rural Agricultural Mediation Services	USDA FFAS Farm Service Agency
Total	\$334,361		



**2007 Annual Report
FY 2007 Proposals Submitted
Coulter Faculty Center**

Investigator	Amount requested	Title	Sponsor
McFadden	\$6,459	UNC Course Redesign Initiative	UNC-General Administration
Total	\$6,459		



**2007 Annual Report
FY 2007 Proposals Submitted
Education & Allied Professions**

Investigator	Amount requested	Title	Sponsor
Bricker	\$298,625	Project 2020: Preparing Future Ready Students for a Global Society	UNC-OP University School Programs
Cooper-Duffy / Westling	\$63,000	WCU Teacher Support Program - NCDPI Deaf-Blind Project	NC Department of Public Instruction (DPI)
Coulter	\$179,200	Adventure of the American Mind	Education and Research Consortium (ERC) of the Western Carolinas
Coulter	\$150,000	Adventure of the American Mind	Education Research Consortium of the Western Carolinas Inc.
Dougherty	\$212,450	Development of 2+2 On-line Middle Grades Concentration in Mathematics and Science	UNC-General Administration
Dougherty	\$23,410	Pre-College Program Support	UNC-General Administration
Dougherty	\$12,500	Critical and Visual Literacy: How Does it Help Comprehension	National Council of Teachers of English
Elliott	\$125,000	NC Quest-Sciences: Seeking Clear Indicators for Effective Changes in Educating Students	UNC-General Administration
Elliott	\$47,000	Appalachian Regional Commission (ARC) Western NC College Access and Success	Appalachian Regional Commission
Holt	\$114,000	NC TEACH II	UNC-General Administration
Holt	\$40,000	NC TEACH	UNC-General Administration



**2007 Annual Report
FY 2007 Proposals Submitted
Education & Allied Professions**

Investigator	Amount requested	Title	Sponsor
Karvonen	\$39,064	Project SALLSA: State Academic Learning Links with Self-Evaluation for Alternate Assessment	US Department of Education (DoED)
McManus	\$5,520	Summer Food Service Program	NC Department of Health and Human Services (DHHS)
Randolph	\$5,000	Preparing Women for the Workplace in the 21st Century	American Association of University Women (AAUW)
Total	\$1,314,769		



**2007 Annual Report
FY 2007 Proposals Submitted
Educational Outreach**

Investigator	Amount requested	Title	Sponsor
Belt	\$52,084	Qualla Financial Freedom	Cherokee Preservation Foundation
Belt	\$15,000	Project Planning and Technical Assistance	Cherokee Preservation Foundation
Belt	\$5,000	Qualla Financial Freedom Program	Citigroup Foundation
Fouts	\$85,500	Educational Project	Foundation for Financial Planning
Total	\$157,584		



**2007 Annual Report
FY 2007 Proposals Submitted
Inst for the Economy & Future**

Investigator	Amount requested	Title	Sponsor
Place	\$362,060	Regional Foundation for Local Economic Development	US Department of Commerce (DOC)
Place / Thornburg	\$171,605	Creation of a Regional Emergency Planning Model for Continuous Disaster Mitigation Response	US DoE Oak Ridge National Laboratories
Total	\$533,665		



**2007 Annual Report
FY 2007 Proposals Submitted
Mountain Heritage Center**

Investigator	Amount requested	Title	Sponsor
Koch	\$500	Summer Camp 2007	Jackson County Arts Council
Total	\$500		



**2007 Annual Report
 FY 2007 Proposals Submitted
 NC CAT**

Investigator	Amount requested	Title	Sponsor
Clauss	\$24,000	Johnston County Connections 2006-2007	Johnston County Schools
Clauss / Shapiro	\$115,000	Hoke County Connections 2006-2007	Hoke County Schools
McDuffie	\$165,666	Preparing the Next Generation	NCCAT Development Foundation
McDuffie	\$19,033	NC ECHO 2005/2006	NC CUL North Carolina State Library
Total	\$323,699		



**2007 Annual Report
 FY 2007 Proposals Submitted
 Office of Regional Affairs**

Investigator	Amount requested	Title	Sponsor
McClure	\$40,000	Blue Ridge Entrepreneurial Council	NC AdvantageWest Partnership for Economic Development
McClure	\$2,100,000	North Carolina Center for Engineering Technologies	Golden LEAF Foundation, Inc.
McClure	\$1,500,000	Center for Entrepreneurial Development	Golden LEAF Foundation, Inc.
McClure	\$148,500	Building Renovation- Center for Engineering Technologies, Hickory, NC EARMARK	US Department of Housing and Urban Development (HUD)
Total	\$3,788,500		

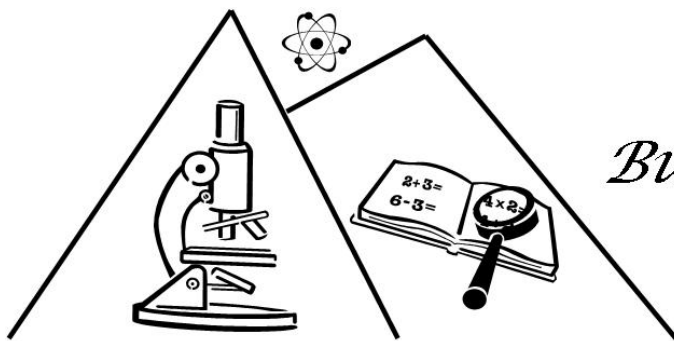


Research Administration

*Awards
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In

FY 2007



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**2007 Annual Report
FY 2007 Awards Received
Academic Awards**

Investigator	Amount awarded	Title	Sponsor
Fariello / Stahl	\$106,245	Craft Revival: Shaping Western NC Past and Present	Brigham Young University
Petrovich- Mwaiki	\$8,000	K-12 International Outreach Program and Evaluation Incentive	National Science Foundation (NSF)
Stahl	\$126,798	Western North Carolina Crafts Revival	NC CUL North Carolina State Library
Total	\$241,043		



**2007 Annual Report
FY 2007 Awards Received
Administration & Finance**

Investigator	Amount awarded	Title	Sponsor
Wooten	\$300,000	Request for Support of Electrical Engineering Program Expansion at WCU	UNC-General Administration
Total	\$300,000		



**2007 Annual Report
FY 2007 Awards Received
Applied Sciences**

Investigator	Amount awarded	Title	Sponsor
Burbank	\$9,000	UNC Subagreement RA 04-08 Modification #2 for NC Photonics Initiative Phase II Additional Funds	UNC-OP Academic Affairs Division
Dickinson	\$58,324	Professional Education for the Current Public Child Welfare Agency Staff	US DHHS ACF Administration on Children, Youth, and Families (ACYF)
Hall	\$108,354	Increasing the Pipeline for Nursing Faculty	Kate B. Reynolds Health Care Trust
Hill	\$8,900	Clinical Training Site Development for Public Health Departments	Mountain Area Health Education Center (AHEC)
Hubble	\$25,000	BTCDDP Educational Podcasting Project Subaward	University of New Mexico, Albuquerque
Hubble	\$8,429	Transylvania County Prehospital Care Analysis	Transylvania County EMS
Karlet	\$2,135	Clinical Training Site Development for Haywood Regional Hospital	Mountain Area Health Education Center (AHEC)
Karlet	\$1,835	Clinical Training Site Development for Park Ridge Hospital	Mountain Area Health Education Center (AHEC)
Mallory	\$29,386	WCU Advanced Education Nursing Traineeship Program	US DHHS Health Resources and Services Administration (HRSA)
Mallory	\$5,000	Clinical Training Site Development for EBCI	Mountain Area Health Education Center (AHEC)
Total	\$256,363		



**2007 Annual Report
FY 2007 Awards Received
Arts & Sciences**

Investigator	Amount awarded	Title	Sponsor
Adams	\$3,000	North Carolina Arts Council Grant: WCU Literary Festival 2007	NC CUL North Carolina Arts Council
Bates	\$38,400	Designing a Sustainable Forest Management Plan for the Balsam Mountain Preserve	Balsam Mountain Preserve
Bates	\$35,000	Western Carolina Community Forestry Project	Land Trust for the Little Tennessee
Bates	\$13,000	Monitoring Forest Sustainability: A Process Approach to Selecting and Testing Sustainable Forest Management Indicators in the Waynesville Watershed of WNC	Land Trust for the Little Tennessee
Bonds	\$149,921	Inexpensive Glycolytic Pathway Discovery Lessons using Microarray Technology (Year 1 of 3)	National Science Foundation (NSF)
Costa	\$79,268	Grassroots Science Museum	NC Department of Environment and Natural Resources (DENR)
Costa	\$3,000	The Ethology of Leaf Clipping by Caterpillars in Southern Appalachian Hardwood Forest Communities	USDA NRE Forest Service (FS)
Cozzo / Hatley	\$150,000	Revitalization of Traditional Cherokee Artisan Resources	Cherokee Preservation Foundation
Despeaux	\$1,000	Smoky Mountain Undergraduate Research Conference on the History of Mathematics	
DeWald	\$33,000	Northern Red Oak Genomic Investigations	UNC-General Administration



**2007 Annual Report
FY 2007 Awards Received
Arts & Sciences**

Investigator	Amount awarded	Title	Sponsor
Eastman	\$233,697	Cherokee Language Revitalization Project	Cherokee Preservation Foundation
Hatley	\$99,977	Sequoyah Initiative: Enhancing Cherokee Programs at WCU	Cherokee Preservation Foundation
Hatley	\$18,500	Culturally Based Native Health Program Support	Cherokee Preservation Foundation
Hickey	\$7,725	Needs Assessment for Cashiers North Carolina	Community Foundation of Western North Carolina, Inc.
Kinner	\$15,434	Debris Flow Research	US DoI United States Geological Survey (USGS)
Lord / Miller	\$30,000	Development of a Water Quality Monitoring Network for Waynesville Watershed	Waynesville, NC
Lord / Miller	\$13,559	Determination of Sediment Sources and Transport Pathways, Mgeni and berg Catchments, South Africa	
Lord / Miller	\$0	Basin Sensitivity Analysis in the Great Basin of Nevada	USDA NRE Forest Service (FS)
Manning	\$1,000	Children of a Lesser God Production	Jackson County Arts Council
O'Connell	\$62,010	Enhancement of Student Learning: Biodiversity & Bioinformatics of Cyptic Microorganisms	NC Biotechnology Center (NCBC)
O'Connell	\$3,500	Bacterial Inhabitants of Eastern Hemlocks (<i>Tsuga canadensis</i>) Rhizospheres: Links to Plant Survival and Sustainability	Discover Life in America, Inc.



**2007 Annual Report
FY 2007 Awards Received
Arts & Sciences**

Investigator	Amount awarded	Title	Sponsor
Pechman	\$70,000	Post-Katrina research on conservation and recovery of the endangered dusky gopher frog	US Department of the Interior (DOI)
Robbins	\$91,093	Cherokee Youth Center Arts Curriculum Development	Cherokee Preservation Foundation
Snover	\$9,000	Interdisciplinary Science and Entrepreneurship Graduate Program	National Collegiate Inventors and Innovators Alliance
St. John	\$7,020	Technology Integration Program for Nursing Education and Practice	Duke University
Young	\$323,558	Elwha Science Education Project	National Science Foundation (NSF)
Young	\$101,610	WCU River Cane Research Project RTCAR	Cherokee Preservation Foundation
Young	\$68,495	Inventory of Coastal Engineering Projects in Coastal Parks	US DOI National Park Service (NPS)
Total	\$1,661,767		



**2007 Annual Report
FY 2007 Awards Received
Business**

Investigator	Amount awarded	Title	Sponsor
Cagle	\$119,101	Business Hurricane Recovery	NC Small Business and Technology Development Center (SBTDC)
Cagle	\$117,356	Western Regional Service Center	NC Small Business and Technology Development Center (SBTDC)
Richmond	\$2,500	Canton Revitalization Project - The Aftermath of a Disaster	Western Carolina University (WCU)
Zanglein	\$100,984	North Carolina Rural Agricultural Mediation Services	USDA FFAS Farm Service Agency
Total	\$339,941		



**2007 Annual Report
FY 2007 Awards Received
Coulter Faculty Center**

Investigator	Amount awarded	Title	Sponsor
McFadden	\$6,459	UNC Course Redesign Initiative	UNC-General Administration
Total	\$6,459		



**2007 Annual Report
FY 2007 Awards Received
Education & Allied Professions**

Investigator	Amount awarded	Title	Sponsor
Bricker	\$267,477	Project 2020: Preparing Future Ready Students for a Global Society	UNC-OP University School Programs
Cooper-Duffy	\$250,000	Preparing, Supporting, and Evaluating Personnel to Provide Services for Students with Severe Disabilities in Western NC	US Department of Education (DoED)
Cooper-Duffy / Westling	\$63,000	WCU Teacher Support Program - NCDPI Deaf-Blind Project	NC Department of Public Instruction (DPI)
Dougherty	\$212,450	Development of 2+2 On-line Middle Grades Concentration in Mathematics and Science	UNC-General Administration
Dougherty	\$23,410	Pre-College Program Support	UNC-General Administration
Elliott	\$125,000	NC Quest-Sciences: Seeking Clear Indicators for Effective Changes in Educating Students	UNC-General Administration
Elliott	\$64,200	Appalachian Regional Commission (ARC) Western NC College Access and Success	Appalachian Regional Commission
Fischer	\$17,806	Cross-Generational Sound Change in American English	US DHHS NIH National Institute on Deafness and Other Communication Disorders
Holt	\$114,000	NC TEACH II	UNC-General Administration
Holt	\$40,000	NC TEACH	UNC-General Administration
Robinson	\$6,335	Exceptional Children Regional Education Consultant -EP4378652	NC Department of Public Instruction (DPI)



**2007 Annual Report
FY 2007 Awards Received
Education & Allied Professions**

Investigator	Amount awarded	Title	Sponsor
Strahan	\$4,600	Improving Reading Instruction in Secondary Schools through Connected Coaching	UNC-OP Academic Affairs Division
Westall	\$6,836	Exceptional Children Regional Education Consultant -EP4378651	NC Department of Public Instruction (DPI)
Total	\$1,195,114		



**2007 Annual Report
FY 2007 Awards Received
Educational Outreach**

Investigator	Amount awarded	Title	Sponsor
Belt	\$30,000	Qualla Financial Freedom	Cherokee Preservation Foundation
Belt	\$15,000	Project Planning and Technical Assistance	Cherokee Preservation Foundation
Belt	\$5,000	Qualla Financial Freedom Program	Citigroup Foundation
Total	\$50,000		



**2007 Annual Report
FY 2007 Awards Received
Graduate School & Research**

Investigator	Amount awarded	Title	Sponsor
Higgins	\$50,000	Transforming Campuses	UNC-General Administration
Higgins	\$6,000	Undergraduate Research Opportunity Expansion	UNC-General Administration
Total	\$56,000		



**2007 Annual Report
FY 2007 Awards Received
Inst for the Economy & Future**

Investigator	Amount awarded	Title	Sponsor
Place	\$362,060	Regional Foundation for Local Economic Development	US Department of Commerce (DOC)
Place / Thornburg	\$171,605	Creation of a Regional Emergency Planning Model for Continuous Disaster Mitigation Response	US DoE Oak Ridge National Laboratories
Lockwood	\$44,500	Rural Entrepreneurship Delivery System Project	Kellogg Foundation
Total	\$578,165		



**2007 Annual Report
FY 2007 Awards Received
Mountain Heritage Center**

Investigator	Amount awarded	Title	Sponsor
Koch	\$500	Summer Camp 2007	Jackson County Arts Council
Total	\$500		



**2007 Annual Report
FY 2007 Awards Received
NC CAT**

Investigator	Amount awarded	Title	Sponsor
Clauss	\$24,000	Johnston County Connections 2006-2007	Johnston County Schools
Clauss / Shapiro	\$115,000	Hoke County Connections 2006-2007	Hoke County Schools
McDuffie	\$165,666	Preparing the Next Generation	NCCAT Development Foundation
McDuffie	\$19,033	NC ECHO 2005/2006	NC CUL North Carolina State Library
Total	\$323,699		



**2007 Annual Report
 FY 2007 Awards Received
 Office of Regional Affairs**

Investigator	Amount awarded	Title	Sponsor
McClure	\$40,000	Blue Ridge Entrepreneurial Council	NC AdvantageWest Partnership for Economic Development
McClure	\$987,228	Continual Development of Computer Engineering Laboratories	US Small Business Administration (SBA)
McClure	\$148,500	Building Renovation- Center for Engineering Technologies, Hickory, NC EARMARK	US Department of Housing and Urban Development (HUD)
Total	\$1,175,728		



**2007 Annual Report
FY 2007 Awards Received
Student Affairs**

Investigator	Amount awarded	Title	Sponsor
Caruso	\$31,901	Study to Reduce Problem Drinking Behavior Among College Students	Wake Forest University
Mellen	\$279,391	WCU Student Support Services Grant Application	US Department of Education (DoED)
Murdock	\$338,456	Talent Search Program	US Department of Education (DoED)
Total	\$649,748		

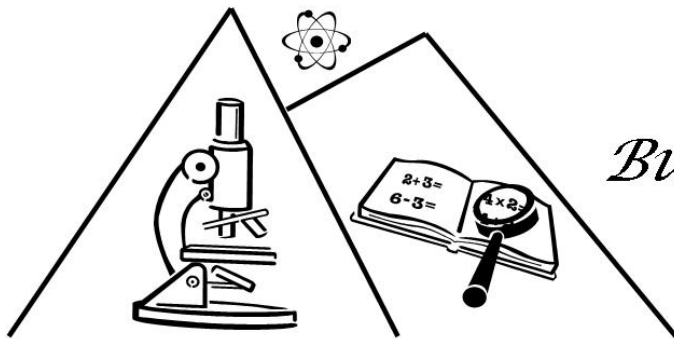


Research Administration

*Proposals
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In

FY 2006



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**2007 Annual Report
FY 2006 Proposals Submitted
Administration & Finance**

Investigator	Amount requested	Title	Sponsor
Carter	\$75,000	Development of Baccalaureate of Science Nursing (BSN)-Accelerated or Second Degree Option	UNC-General Administration
Johnson	\$8,963	WCU COMM	NC CC&PS Governor's Crime Commission (GCC)
Scott	\$12,375	WCU COMM	NC CC&PS Governor's Crime Commission (GCC)
Total	\$96,338		



**2007 Annual Report
FY 2006 Proposals Submitted
Applied Sciences**

Investigator	Amount requested	Title	Sponsor
Ball	\$420,000	Design Refinement and Field Testing of Water Heater Dehumidifier Units	US DoE Oak Ridge National Laboratories
Burbank / McClure	\$887,979	SBA Workforce Development Center Proposal	US Small Business Administration (SBA)
Chapman	\$19,980	EBCI Nursing Education Initiative	Cherokee Preservation Foundation
Dickinson	\$58,425	Child Welfare Education Collaborative at WCU Year Three Funding	University of North Carolina at Chapel Hill (UNC-CH)
Dunlap / McClure	\$10,000	Engineering and Technology Electric Vehicle	Verizon Foundation
Franklin / Howell / Sanger	\$60,000	The NC Space Grant Program for Western North Carolina	NC Space Grant Consortium
Hollis / Miller	\$46,550	Comprehensive Health Care Initiative: Macon County	Healthy Carolinians of Macon County
Kneller	\$41,349	Study of the Correlation of Ozone Levels to Hospital Rates for Respiratory and Cardiovascular Illness	Eastern Band of the Cherokee Nation
Krings	\$377,237	North Carolina Rated Assessment Project	University of North Carolina at Greensboro (UNCG)
Mallory	\$435,595	WCU Advanced Education Nursing Traineeship Program	US DHHS Health Resources and Services Administration (HRSA)
Sanger	\$294,467	The Carolinas Innovation Collaborative in Adaptive Technology for Healthcare and Aging	Golden LEAF Foundation, Inc.



**2007 Annual Report
FY 2006 Proposals Submitted
Applied Sciences**

Investigator	Amount requested	Title	Sponsor
Stevens	\$74,802	Confirmatory Factor Applications to Evaluating Dietary Measurement Instruments	University of Georgia Research Foundation
Zhang	\$50,000	International: Real-Time Sensor Supervisory System for Enhancing the Security of the Electric Power Grid	National Science Foundation (NSF)
Total	\$2,776,384		



**2007 Annual Report
FY 2006 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
Adams	\$3,000	North Carolina Arts Council Grant: WCU Literary Festival 2007	NC CUL North Carolina Arts Council
Bates	\$35,000	Western Carolina Community Forestry Project	Land Trust for the Little Tennessee
Bates	\$12,725	BMP Licklog 2004-2005	Balsam Mountain Preserve
Bates	\$3,990	Waldee Forest Thinning	Calhoun, Smith, Smith & Smith
Bates / Brown / Lord	\$50,000	Development of Forest Management Plan for the Waynesville Watershed	Waynesville, NC
Bonds	\$149,987	Inexpensive Glycolytic Pathway Discovery Lessons using Microarray Technology (Year 1 of 3)	National Science Foundation (NSF)
Bonds	\$39,850	Enhancing Biotechnology At Western Carolina University	NC Biotechnology Center (NCBC)
Bonds	\$17,038	A Workshop in Biopharmaceutical Production	NC Biotechnology Center (NCBC)
Butcher	\$227,190	Cultural and Natural Resources Associated with the Eastern Band of the Cherokee Indians	National Science Foundation (NSF)
Butcher	\$10,000	Implementation of a Professional Science Master's Program in Science and Entrepreneurship at WCU	Council of Graduate Schools
Butcher / Eastman	\$22,500	Cultural, Natural, and Historical Resources Associated with the Eastern Band of the Cherokee Indians	NCUR/Lancy Initiative



**2007 Annual Report
FY 2006 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
Collins / DeWald / Mathews	\$624,431	Predicting Range Shifts and Extinctions of High Elevation Rock Outcrop	US DOE National Institute for Climatic Change Research
Cooper	\$120,560	Statehouse Reporters	Pew Charitable Trusts
Cooper	\$2,447	Journalists, Institutions and the Politics of Newsgathering in the American States	American Political Science Association (APSA)
Costa	\$79,268	Grassroots Science Museum Grant	NC Department of Environment and Natural Resources (DENR)
Coyle	\$25,000	Blue Ridge Parkway Ethnographic Overview and Assessment Proposal for Contract (Phase III)	US Department of the Interior (DOI)
Cozzo / Hatley	\$150,000	Revitalization of Traditional Cherokee Artisan Resources	Cherokee Preservation Foundation
Cozzo / Hatley	\$150,000	Revitalization of Traditional Cherokee Artisan Resources	Cherokee Preservation Foundation
DiBari	\$21,213	Prototype River Cane GIS	Cherokee Preservation Foundation
DiBari	\$12,000	Edge Detection Along the Administrative and Wilderness Boundaries of the Kenai National Wildlife Refuge, Alaska	Craighead Environmental Research Foundation
Dowling	\$22,300	Isadora Duncan Residency	New England Foundation for the Arts
Eastman	\$7,027	Identification and Collection of Pottery Clay	Revitalization of Traditional Cherokee Artisans Resources



**2007 Annual Report
FY 2006 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
Eastman	\$5,475	Comprehensive Archaeological Survey of the Area Affected by the Proposed Elben Center	Eblen Charities
Eastman / Hatley / McLachlan	\$215,983	Cherokee language Revitalization	Cherokee Preservation Foundation
Eastman / Hatley / McLachlan	\$150,000	Sequoyah Initiative: Enhancing Cherokee Programs at WCU	Cherokee Preservation Foundation
Hatley	\$99,977	Sequoyah Initiative: Enhancing Cherokee Programs at WCU	Cherokee Preservation Foundation
Hatley	\$25,095	Program Director, Culturally-Based Knowledge, Research and Curricula	Cherokee Preservation Foundation
Hatley / Kehrberg / Williams	\$10,000	Culturally Based Knowledge Program Development	Cherokee Preservation Foundation
Heckert	\$245,507	Photometric Observations of Starspost Activity Cycles on RS Can Systems	National Science Foundation (NSF)
Hensley	\$19,945	Theatre in Education (TIE) Program Development	Cherokee Preservation Foundation
Holliday	\$24,124	Introducing Grid Computing into the Undergraduate Curricula	University of North Carolina at Charlotte (UNCC)
Holliday	\$7,414	A Consortium to Promote Computational Science and High Performance Computing	Appalachian State University (ASU)
Knotts	\$11,000	Asheville Citizen Satisfactory Survey	Asheville, NC



**2007 Annual Report
FY 2006 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
Kwochka	\$13,000	Impossible Rotaxanes via a Mechanically Interlocking Auxiliary	National Science Foundation (NSF)
Lord / Miller	\$60,000	Creation of a Natural Laboratory for Education and Research, Allen Creek, NC	Community Foundation of Western North Carolina, Inc.
Lord / Miller	\$60,000	Basin Sensitivity Analysis in the Great Basin of Nevada	USDA NRE Forest Service (FS)
Lord / Miller	\$15,000	Geomorphic, Hydrologic, and Vegetation Interactions Related to Meadow Complexes	USDA NRE Forest Service (FS)
Lord / Miller	\$11,818	Determination of Sediment Sources and Transport Pathways, Mgeni and berg Catchments, South Africa	National Science Foundation (NSF)
O'Connell	\$269,330	Collaborative Research (RUI): Multi-Domain Survey of Rhizosphere Microbial Communities of Eastern Hemlock (Tsuga Canadensis) in Great Smoky Mountain National Park	Mississippi State University
O'Connell	\$4,670	An Investigation of the Bacterial and Achael Diversity in Soils and Waters of Great Smokey Mountain National Park	Discover Life in America, Inc.
Robbins	\$53,346	Cherokee Youth Center SMART Program	Cherokee Preservation Foundation
Rogers	\$50,000	Archaeological Assessment and Documentation, Wayehutta and Appletree, Highlands and Wayah Districts	US Department of Agriculture (USDA)
Sanger	\$48,630	Data Package Assembly of DOD Parts	North Carolina State University (NCSU)



**2007 Annual Report
FY 2006 Proposals Submitted
Arts & Sciences**

Investigator	Amount requested	Title	Sponsor
St. John	\$37,042	Technology Integration Program for Nursing Education and Practice	Duke University
Summers	\$275,000	New Methods for Predicting the Oxidative Toxicity of Biomolecular Iron	US DHHS National Institutes of Health (NIH)
Summers	\$40,000	Dynamics of Metal / Anion Association and its Relevance to Biological Oxidative Stress	Petroleum Research Fund
Tanner	\$40,000	Estimating the Volume of Organic Carbon in Salt Marsh Deposits Located Near off-shore, Natural Gas Bearing Sediments	American Chemical Society, The Petroleum Research Fund
Tanner	\$35,000	Estimating the Carbon Balance in Tidal Saline Wetlands: Are They a Source or a Sink?	American Chemical Society, The Petroleum Research Fund
Tanner / Young	\$5,000	Oxygen Isotope Record of Tropical Cyclone Activity for Coastal	North Carolina Sea Grant
Young	\$99,930	WCU River Cane Research Project RTCAR	Cherokee Preservation Foundation
Young	\$68,495	Inventory of Coastal Engineering Projects in Coastal Parks	US DOI National Park Service (NPS)
Young	\$44,564	Elwha Education Project: Increasing the Relevancy of Geosciences for Native American Youth	NSF Division of Environmental Biology (DEB)
Total	\$3,830,871		



**2007 Annual Report
FY 2006 Proposals Submitted
Business**

Investigator	Amount requested	Title	Sponsor
Cagle	\$174,593	Western Regional Service Center	NC Small Business and Technology Development Center (SBTDC)
Deale	\$22,565	The Quiet Good	American Hotel and Lodging Association
Zanglein	\$1,500,000	Western Carolina Service Learning Program in Conflict Resolution and Cross-Cultural Cooperation	Corporation for National and Community Service (CNCS)
Total	\$1,697,158		



**2007 Annual Report
FY 2006 Proposals Submitted
Education & Allied Professions**

Investigator	Amount requested	Title	Sponsor
Cooper-Duffy	\$250,000	Preparing, Supporting, and Evaluating Personnel to Provide Services for Students with Severe Disabilities in Western NC	US Department of Education (DoED)
DeWald / Elliot	\$250,000	NC QUEST- SCIENCES: Seeking Clear Indicators for Effective New Changes in Educating Students	NC Quest
Fischer	\$81,335	Cross-Generational Sound Change in American English	US DHHS NIH National Institute on Deafness and Other Communication Disorders
Hambrecht / Ogletree / Shapiro	\$762,633	Improving Speech-Language Pathology to Children with Disabilities	US DoED Office of Special Education and Rehabilitative Services
Holt	\$204,978	The Cherokee Collaborative: Project START (Supporting, Training, and Retaining Teachers)	Cherokee Preservation Foundation
Holt	\$145,070	Project START (Supporting, Training, and Retaining Teachers)	Z. Smith Reynolds Foundation, Inc.
Holt	\$46,000	NC TEACH	UNC-General Administration
Holt	\$5,000	WCU National Board Study Group Project	National Education Association Professional Development Schools Program
Houghton	\$75,000	A Strategic Plan for Implementing a Digital Entrepreneurship Community in Western NC	Golden LEAF Foundation, Inc.
Jacobs	\$10,000	Agreement for Independent Services between WCU and Jackson County Schools	Jackson County Public Schools
Jacobs	\$6,000	Agreement for Independent Services between WCU and Mountain Discovery Charter School	Mountain Discovery Charter School



**2007 Annual Report
FY 2006 Proposals Submitted
Education & Allied Professions**

Investigator	Amount requested	Title	Sponsor
Lockman	\$13,200	Special Support for Children with Special Needs	Region A Partnership for Children
Lockman	\$6,714	Communications Disorder Specialist	Region A Partnership for Children
Ogletree	\$284,689	Preparing Pre-Professional Speech-Language Pathologists to serve persons with Severe Disabilities	US Department of Education (DoED)
Rice	\$30,000	Agreement for Independent between WCU and Swain County Schools	Swain County Schools
Robinson	\$120,188	Exceptional Children Regional Education Consultant -EP4378652	NC Department of Public Instruction (DPI)
Strahan	\$149,939	Connected Coaching: Improving Reading Instruction in Secondary Schools	UNC-General Administration
Westall	\$131,394	Exceptional Children Regional Education Consultant -EP4378651	NC Department of Public Instruction (DPI)
Westling	\$60,000	Projects for Children and Young Adults Who are Deaf-Blind	NC Department of Public Instruction (DPI)
Total	\$2,632,140		



**2007 Annual Report
FY 2006 Proposals Submitted
Educational Outreach**

Investigator	Amount requested	Title	Sponsor
Belt	\$132,500	Qualla Financial Freedom	Citigroup Foundation
Belt	\$80,000	Qualla Financial Freedom	Citigroup Foundation
Belt	\$19,000	EBCI / WCU Task Force	Cherokee Preservation Foundation
Belt	\$15,000	WCU Cherokee Center Supplement	Cherokee Preservation Foundation
Total	\$246,500		



**2007 Annual Report
FY 2006 Proposals Submitted
Graduate School & Research**

Investigator	Amount requested	Title	Sponsor
Higgins	\$210,000	Transforming Campuses	UNC-General Administration
Higgins	\$10,500	Undergraduate Research Opportunity Expansion	UNC-General Administration
Total	\$220,500		



**2007 Annual Report
FY 2006 Proposals Submitted
Inst for the Economy & Future**

Investigator	Amount requested	Title	Sponsor
Evans	\$35,000	Creating a Whitewater Economy in Western North Carolina	Golden LEAF Foundation, Inc.
Evans	\$5,000	Rapid Polling	Asheville Citizens Times
Kuhn	\$75,000	Virtual Business Accelerator	Golden LEAF Foundation, Inc.
Lockwood	\$153,800	Rural Entrepreneurship Development System	Kellogg Foundation
Lockwood	\$153,800	Rural Entrepreneurship Delivery System Project	Kellogg Foundation
McClure	\$675,000	WCU and Furman University Biotechnology Research and Training Partnership	Education and Research Consortium (ERC) of the Western Carolinas
Total	\$1,097,600		



**2007 Annual Report
FY 2006 Proposals Submitted
International Progs & Services**

Investigator	Amount requested	Title	Sponsor
Petrovich- Mwaniki	\$23,550	Application for a Japan Outreach Coordinator through the Japan Outreach Initiative (JOI) Program	Laurasian Institution
Total	\$23,550		



**2007 Annual Report
 FY 2006 Proposals Submitted
 Office for Regional Affairs**

Investigator	Amount requested	Title	Sponsor
McClure	\$987,228	Continual Development of Computer Engineering Laboratories	US Small Business Administration (SBA)
McDowell	\$10,000	Rebuilding the Past: The Monteith Farmstead in Dillsboro, NC	The History Channel
McDowell	\$5,882	The Prince of Dark Corners: A Historical play on a True Mountain Outlaw	North Carolina Humanities Council
McDowell	\$1,184	Quilt Index- Phase 3	NFAH National Endowment for the Humanities (NEH)
Total	\$1,004,294		



**2007 Annual Report
FY 2006 Proposals Submitted
NC CAT**

Investigator	Amount requested	Title	Sponsor
McDuffie	\$264,000	Seminar Support for NC Model Teacher Education Consortium	UNC-General Administration
Total	\$264,000		



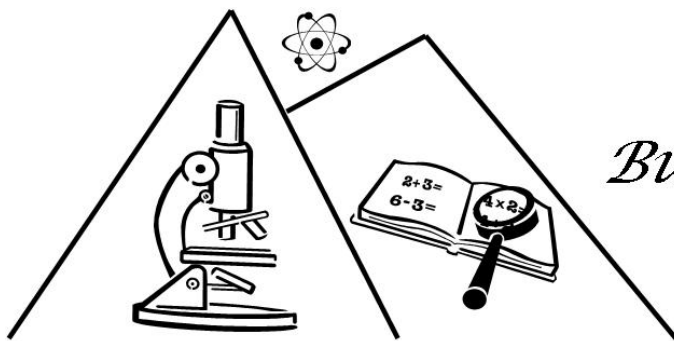
**2007 Annual Report
FY 2006 Proposals Submitted
Student Affairs**

Investigator	Amount requested	Title	Sponsor
Stoltenburg	\$5,915	Building a Harassment-Free Campus	American Association of University Women (AAUW)
Total	\$5,915		



Research Administration

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**2007 Annual Report
FY 2006 Awards Received
Administration & Finance**

Investigator	Amount awarded	Title	Sponsor
Carter	\$75,000	Development of Baccalaureate of Science Nursing (BSN)-Accelerated or Second Degree Option	UNC-General Administration
Johnson	\$8,963	WCU COMM	NC CC&PS Governor's Crime Commission (GCC)
Total	\$83,963		



**2007 Annual Report
FY 2006 Awards Received
Applied Sciences**

Investigator	Amount awarded	Title	Sponsor
Ball	\$945,013	Design Refinement and Field Testing of Water Heater Dehumidifier Units	US DoE Oak Ridge National Laboratories
Burbank / McClure	\$887,979	SBA Workforce Development Center Proposal	US Small Business Administration (SBA)
Chapman	\$19,420	EBCI Nursing Education Initiative	Cherokee Preservation Foundation
Dunlap / McClure	\$10,000	Engineering and Technology Electric Vehicle	Verizon Foundation
Kneller	\$41,349	Study of the Correlation of Ozone Levels to Hospital Rates for Respiratory and Cardiovascular Illness	Eastern Band of the Cherokee Nation
Krings	\$158,169	North Carolina Rated Assessment Project	University of North Carolina at Greensboro (UNCG)
Total	\$2,061,930		



**2007 Annual Report
FY 2006 Awards Received
Arts & Sciences**

Investigator	Amount awarded	Title	Sponsor
Bates	\$12,725	BMP Licklog 2004-2005	Balsam Mountain Preserve
Bates	\$3,990	Waldee Forest Thinning	Calhoun, Smith, Smith & Smith
Bates / Brown / Lord	\$50,000	Development of Forest Management Plan for the Waynesville Watershed	Waynesville, NC
Bonds	\$18,872	A Workshop in Biopharmaceutical Production	NC Biotechnology Center (NCBC)
Butcher	\$10,000	Implementation of a Professional Science Master's Program in Science and Entrepreneurship at WCU	Council of Graduate Schools
Butcher / Eastman	\$22,500	Cultural, Natural, and Historical Resources Associated with the Eastern Band of the Cherokee Indians	NCUR/Lancy Initiative
Costa	\$79,268	Grassroots Science Museum Grant	NC Department of Environment and Natural Resources (DENR)
Coyle	\$25,000	Blue Ridge Parkway Ethnographic Overview and Assessment Proposal for Contract (Phase III)	US Department of the Interior (DOI)
Cozzo / Hatley	\$150,000	Revitalization of Traditional Cherokee Artisan Resources	Cherokee Preservation Foundation
DiBari	\$21,213	Prototype River Cane GIS	Cherokee Preservation Foundation
DiBari	\$12,000	Edge Detection Along the Administrative and Wilderness Boundaries of the Kenai national Wildlife Refuge, Alaska	Craighead Environmental Research Foundation



**2007 Annual Report
FY 2006 Awards Received
Arts & Sciences**

Investigator	Amount awarded	Title	Sponsor
Eastman	\$9,775	Identification and Collection of Pottery Clay	Revitalization of Traditional Cherokee Artisans Resources
Eastman	\$5,475	Comprehensive Archaeological Survey of the Area Affected by the Proposed Elben Center	Eblen Charities
Eastman / Hatley / McLachlan	\$215,983	Cherokee language Revitalization	Cherokee Preservation Foundation
Eastman / Hatley / McLachlan	\$150,000	Sequoyah Initiative: Enhancing Cherokee Programs at WCU	Cherokee Preservation Foundation
Hatley / Kehrberg / Williams	\$10,000	Culturally Based Knowledge Program Development	Cherokee Preservation Foundation
Hensley	\$19,450	Theatre in Education (TIE) Program Development	Cherokee Preservation Foundation
Holliday	\$24,124	Introducing Grid Computing into the Undergraduate Curricula	University of North Carolina at Charlotte (UNCC)
Holliday	\$7,414	A Consortium to Promote Computational Science and High Performance Computing	Appalachian State University (ASU)
Knotts	\$11,000	Asheville Citizen Satisfactory Survey	Asheville, NC
Lord / Miller	\$15,000	Geomorphic, Hydrologic, and Vegetation Interactions Related to Meadow Complexes	USDA NRE Forest Service (FS)
O'Connell	\$2,000	An Investigation of the Bacterial and Achael Diversity in Soils and Waters of Great Smokey Mountain National Park	Discover Life in America, Inc.



**2007 Annual Report
FY 2006 Awards Received
Arts & Sciences**

Investigator	Amount awarded	Title	Sponsor
Robbins	\$53,346	Cherokee Youth Center SMART Program	Cherokee Preservation Foundation
Rogers	\$50,000	Archaeological Assessment and Documentation, Wayehutta and Appletree, Highlands and Wayah Districts	US Department of Agriculture (USDA)
Sanger	\$48,630	Data Package Assembly of DOD Parts	North Carolina State University (NCSU)
Young	\$44,730	Elwha Education Project: Increasing the Relevancy of Geosciences for Native American Youth	NSF Division of Environmental Biology (DEB)
Young	\$44,564	Elwha Education Project: Increasing the Relevancy of Geosciences for Native American Youth	NSF Division of Environmental Biology (DEB)
Total	\$1,117,059		



**2007 Annual Report
FY 2006 Awards Received
Business**

Investigator	Amount awarded	Title	Sponsor
Cagle	\$174,593	Western Regional Service Center	NC Small Business and Technology Development Center (SBTDC)
Total	\$174,593		



**2007 Annual Report
FY 2006 Awards Received
Education & Allied Professions**

Investigator	Amount awarded	Title	Sponsor
Cooper-Duffy	\$250,000	Preparing, Supporting, and Evaluating Personnel to Provide Services for Students with Severe Disabilities in Western NC	US Department of Education (DoED)
DeWald / Elliot	\$250,000	NC QUEST- SCIENCES: Seeking Clear Indicators for Effective New Changes in Educating Students	NC Quest
Fischer	\$19,150	Cross-Generational Sound Change in American English	US DHHS NIH National Institute on Deafness and Other Communication Disorders
Holt	\$50,000	Project START (Supporting, Training, and Retaining Teachers)	Z. Smith Reynolds Foundation, Inc.
Holt	\$46,000	NC TEACH	UNC-General Administration
Jacobs	\$10,000	Agreement for Independent Services between WCU and Jackson County Schools	Jackson County Public Schools
Jacobs	\$6,000	Agreement for Independent Services between WCU and Mountain Discovery Charter School	Mountain Discovery Charter School
Lockman	\$13,200	Special Support for Children with Special Needs	Region A Partnership for Children
Lockman	\$6,714	Communications Disorder Specialist	Region A Partnership for Children
Ogletree	\$284,689	Preparing Pre-Professional Speech-Language Pathologists to serve persons with Severe Disabilities	US Department of Education (DoED)
Rice	\$30,000	Agreement for Independent between WCU and Swain County Schools	Swain County Schools



**2007 Annual Report
FY 2006 Awards Received
Education & Allied Professions**

Investigator	Amount awarded	Title	Sponsor
Robinson	\$120,188	Exceptional Children Regional Education Consultant -EP4378652	NC Department of Public Instruction (DPI)
Strahan	\$149,749	Connected Coaching: Improving Reading Instruction in Secondary Schools	UNC-General Administration
Westall	\$138,229	Exceptional Children Regional Education Consultant -EP4378651	NC Department of Public Instruction (DPI)
Westling	\$60,000	Projects for Children and Young Adults Who are Deaf-Blind	NC Department of Public Instruction (DPI)
Total	\$1,433,919		



**2007 Annual Report
FY 2006 Awards Received
Educational Outreach**

Investigator	Amount awarded	Title	Sponsor
Belt	\$19,500	EBCI/Wcu Task Force	Cherokee Preservation Foundation
Belt	\$15,000	WCU Cherokee Center Supplement	Cherokee Preservation Foundation
Total	\$34,500		



**2007 Annual Report
FY 2006 Awards Received
Graduate School & Research**

Investigator	Amount awarded	Title	Sponsor
Higgins	\$10,500	Undergraduate Research Opportunity Expansion	UNC-General Administration
Total	\$10,500		



**2007 Annual Report
FY 2006 Awards Received
Inst for the Economy & Future**

Investigator	Amount awarded	Title	Sponsor
Evans	\$5,000	Rapid Polling	Asheville Citizens Times
Lockwood	\$153,800	Rural Entrepreneurship Delivery System Project	Kellogg Foundation
Total	\$158,800		



**2007 Annual Report
FY 2006 Awards Received
NC CAT**

Investigator	Amount awarded	Title	Sponsor
McDuffie	\$264,000	Seminar Support for NC Model Teacher Education Consortium	UNC-General Administration
Total	\$264,000		



**2007 Annual Report
FY 2006 Awards Received
Office for Regional Affairs**

Investigator	Amount awarded	Title	Sponsor
McClure	\$675,000	WCU and Furman University Biotechnology Research and Training Partnership	Education and Research Consortium (ERC) of the Western Carolinas
Total	\$675,000		

