

## Examples of Recently Funded Projects at Miami

In FY 2004, Miami University received 339 external awards, and provided 293 internal awards. The examples below were chosen to show the range in amount of awards, in the diversity in types of funders, in the breadth of departments receiving awards, and in the variety of the professional titles of the principle investigators.

External Funding Awards				
Department, Campus	Principal Investigator, Title	Funding Source	Proposal Title	Award Amount
English (Ox)	Laura Mandell, <i>Assoc. Prof.</i>	Ohio Learning Network	Bringing knowledge closer through web interactivity	\$20,000
Math (Ox, Ham)	Dennis Davenport, <i>Assoc. Prof.</i>	National Science Foundation	Summer undergraduate mathematical sciences research institute	\$57,668
Philosophy (Ham)	Jim Kelly, <i>Assoc. Prof.</i>	National Endowment for the Humanities	Philosophy for children: mining for meaning in children's literature	\$103,614
Political Science (Ox)	Adeed Dawisha, <i>Prof.</i>	Carnegie Corporation of New York	The rebirth of Iraqi democracy	\$99,606
History (Ham)	Michael Carrafiello, <i>Assoc. Prof.</i>	US Department of Education	America's journey: the quest for freedom, 1492-1824	\$565,946
Psychology (Ox)	Carl Paternite, <i>Prof.</i>	Butler County Family and Children First Council	Evaluation of "alternative education" and "alternative school discipline programs" in Butler County, Ohio	\$18,000
Speech Pathology and Audiology (Ox)	Fofi Constantinidou, <i>Assoc. Prof.</i>	US Department of Health and Human Services	Effect of a systematic categorization program in traumatic brain injury	\$213,000
Continuing Education (Ham)	Kathy Weber, <i>Dir. Continuing Ed.</i>	Ohio Board of Regents	Jobs challenge incentive and performance	\$74,060

Accountancy (Ox)	Marc Rubin, <i>Chair &amp; PWC Professor</i>	Accountancy Board of Ohio	Scholarships for fifth-year accounting students	\$8,448
Educational Psychology (Ox)	Katherine Wickstrom, <i>Assist. Prof.</i>	Ohio Department of Education	A statewide model for rethinking schooling in fundamental ways	\$10,000
Manufacturing and Mechanical Engineering (Ox)	Yu T. Morton, <i>Assist. Prof.</i>	Eight different sources	Design and implementation of an autonomous lawn mower	\$26,878 total
Art (Ox)	Susan Ewing, <i>Prof.</i>	Ohio Arts Council	International friendship park	\$5,834
Theatre (Ox)	Lisa Campbell, <i>Coord. Audience Dev.</i>	Cinergy Foundation	Summer theatre sponsorship	\$500
Institute of Environmental Sciences (Ox)	Gene Willeke, <i>Prof.</i>	US Department of the Interior	Continued operation of the ADP/NTO precipitation chemistry station at Oxford, Ohio	\$6,057
Zoology (Ham)	Ann Rypstra, <i>Prof.</i>	National Science Foundation	Shifts in wolf spider reproductive behavior under predation risks	\$105,580
Scripps Foundation and Gerontology Center (Ox)	Jennifer Kinney, <i>Prof.</i>	Fraternal Order of Eagles	Aging in place: the use of technology in the homes of individuals with dementia	\$10,000
Intercollegiate Athletics (Ox)	Chris Otto, <i>Assist. Dir. Intercol. Athletics</i>	National Collegiate Athletic Association	Academic enhancement	\$51,790
Physical Facilities (Ox)	Steve Gaski, <i>Dir. Building and Spec. Services</i>	Ohio Department of Natural Resources	Miami University comprehensive waste reduction plan	\$2,765
Student Activities and Organizational Leadership (Ox)	Bobbe Burke, <i>Asst. Dir. Student Activities</i>	Oxford Community Foundation	Walk about visits in Oxford mile square	\$1,141

Center for Chemical Education (Mid)	Arylene Sarquis, <i>Prof.</i>	US Department of Health and Human Services	Health RICH: health, risks, information and choices	\$308,375
Zoology/Botany (Ham, Ox)	David Berg, <i>Prof.</i>	National Science Foundation	Research experience for undergraduates: ecology in human-dominated landscapes	\$74,035 total

Internal Funding Awards			
Funding Source	Department	Principal Investigator	Proposal Title
Summer Research Appointments	Math (Ox)	Stephen Wright, <i>Assoc. Prof.</i>	Using advanced optimization techniques to solve the phase problem for ionic crystals
Summer Research Appointment	Sociology and Gerontology (Ham)	Mark Christian, <i>Assoc. Prof.</i>	Marcus Garvey and the influence of the Universal Negro Improvement Association (UNIA) in Columbus, Ohio: 1922-1933
Grants to Promote Research	Geography (Ox)	Mary Henry, <i>Assist. Prof.</i>	Fire mapping in Florida pine and scrub using remote sensing
Grants to Promote Research	Music (Ox)	John Heard, <i>Prof.</i>	Solo bassoon recording with the Camerata Kiev, national orchestra of Ukraine
Schoupp Awards	Computer Science (Ox)	Chiou Chen, <i>Chair and Prof.</i>	Linux-based wireless client platform for embedded system applications
Undergraduate Research Awards	Communication (Ox)	Anthony Obilade, <i>Visiting Assist. Prof.</i>	Persuasive appeals on college campuses

Undergraduate Research Awards	Spanish and Portuguese (Ox)	Jose Dominguez-Burdalo, <i>Assist. Prof.</i>	Spanish intellectuals at the turn of the century: the development of the intellectuals as a political and social force
Undergraduate Research Awards	Zoology (Ham)	David Berg, <i>Prof.</i>	Genetic diversity of fluted-shell mussels in the mid-west region and lower Mississippi region
Undergraduate Summer Scholar Awards	Anthropology (Ox)	Linda Marchant, <i>Chair and Prof.</i>	Laterality of hand use in Bonobos at the Cincinnati and Columbus museum
Undergraduate Summer Scholar Awards	Art (Ox, Ham)	Ron Stevens, <i>Visit. Instruct.</i>	Photographing capitalism
Undergraduate Summer Scholar Awards	English (Ham)	Robert Martin, <i>Sen. Instruct.</i>	Making manga move: adapting Japanese comic art to film
Undergraduate Summer Scholar Awards	Zoology (Ham)	Brian Keane, <i>Assist. Prof.</i>	Male preference for inbred vs. non-inbred female prairie voles