

NKU, OFFICE OF RESEARCH, GRANTS, AND CONTRACTS
GRANTS AWARDED FUNDING
FISCAL YEAR 2008 (JUNE)

Department	Principal Investigator	Project Title	Funding Agency	Award Notification Date	Project Duration	Amount of Award
Admissions - Outreach	Carmen Myrick	Governor's Minority Student College Preparation Program	Gateway Community and Technical College	6/25/08	6/1/08 - 6/30/08	\$ 5,000
					2008-174	

This project will provide for educational programs and services of a special nature for minority students in order to change their aspirations and reduce high school dropout rates, prepare them for admission to and graduation from colleges and universities, and improve the recruitment of such students to Northern Kentucky University.

Biological Sciences	Eimear Mullen	The effects of Soy Isoflavones on SREBP-regulated Gene Expression in Vivo	Kentucky Biomedical Research Infrastructure Network	6/16/08	5/1/08 - 4/30/09	\$ 13,500
					2008-106	

Soy is known to lower cholesterol levels and this corresponds to a decrease in cardiovascular disease risk. This research seeks to understand the mechanism of this effect and the components that contribute to this effect.

Biological Sciences	Joseph Mester	Immunomodulation by Influenza and Respiratory Syncytial Virus Virions	Kentucky Biomedical Research Infrastructure Network	6/30/08	7/15/08 - 5/14/09	\$ 13,500
					2008-107	

This research will characterize the immunomodulatory activities of Influenza A virus and HRSV Virions in specific human immune effector cells types of the mono-cytic, natural killer, and Tcell lineages. This will enhance our understanding of virus-host interactions that influence infections and help to design new vaccines with improved safety and efficacy.

Department	Principal Investigator	Project Title	Funding Agency	Award Notification Date	Project Duration	Amount of Award
Biological Sciences	Kristi Haik Martines	Expanding Drug Delivery to the Brain Using Novel Nanomaterials	Kentucky Biomedical Research Infrastructure Network	6/4/08	5/1/08 - 4/30/09 2008-156	\$ 52,803

This grant will provide funding to expand current research regarding the design of nanostructures that cross the blood brain barrier and to test their effectiveness in doing so. These structures could potentially deliver drugs to the brain without damaging the blood brain barrier.

Center for Applied Ecology	Jessica Metzger	Urban Forestry Internship Program	USDA Forest Service Kentucky Division of Forestry	6/2/08	8/1/08 - 7/31/09 2008-132	\$ 9,860
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The goal of this program is to provide forestry education, technical training, and practical work experience to NKU undergraduate students. They will interact with urban forestry professionals, learn about potential career opportunities, and obtain marketable skills.

Construction Management	Christine Stiegler	NKU's Teacher Educators' Travel to Summer Conference	U.S. Dept of Education KY Office of Career & Technical Education	6/19/08	7/1/08 - 7/31/08 2008-142	\$ 1,000
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This grant will provide funding for two of NKU's Career and Technical Education Teachers to attend the Kentucky Career and Technical Education Summer Conference in Louisville, Kentucky in July, 2008.

Infrastructure Management Institute	Timothy Ferguson	Expanding the Infrastructure Management Institute	U.S. Department of Education	6/30/08	6/1/08 - 6/30/09 2008-119	\$ 478,492
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Northern Kentucky University will use this Congressionally-directed grant to design and foster a collaborative research and development environment for organizations and individuals around Information Technology in a global economy.

Department	Principal Investigator	Project Title	Funding Agency	Award Notification Date	Project Duration	Amount of Award
METS	Robert Snyder	The METS Center Equipment Acquisition: Accelerating Employers Use of Advanced Technology-Based Training	U.S. Department of Education	6/30/08	5/15/08 - 5/14/09 2008-121	\$ 191,593

The METS Center of Northern Kentucky University will use this Congressionally-directed grant to purchase advanced technology training and presentation equipment for use by employers.

Nursing & Health Professions	Mary Gers	Enhancing Nursing Education Programs at Northern Kentucky University	U.S. Department of Education	6/30/08	6/15/08 - 6/14/09 2008-120	\$ 120,851
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The School of Nursing and Health Professions at Northern Kentucky University will use this Congressionally-directed grant to improve the quality of nursing education programs at NKU through the implementation of a three-tiered plan that focuses on faculty development, strategies for student success, and the acquisition of state-of-the-art equipment to enhance teaching/learning pedagogy.

Organizational Leadership	Melody Rawlings	Perkins Basic Grant 08/09	U.S. Dept of Education KY Office of Career & Technical Education	6/23/08	7/1/08 - 6/30/09 2008-127	\$ 56,709
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These funds will be used to improve and expand services for students enrolled in career and technical education programs.

Scripps Howard Ctr for Civic Engag & Nonprofit Dev	Mark Neikirk	NKU 2008 Help America Vote College Program	U.S. Election Assistance Commission Help America Vote College Program	6/10/08	6/15/08 - 1/14/09 2008-128	\$ 22,577
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This grant will fund a pollworker recruitment program on the NKU Campus aimed at getting more university students involved in the election process.

Department	Principal Investigator	Project Title	Funding Agency	Award Notification Date	Project Duration	Amount of Award
Sociology, Anthropology, & Philosophy	Mary Carol Hopkins	African Art for Kentucky K-12 Teachers	National Endowment for the Arts	6/10/08	7/1/08 - 6/30/10	\$ 15,000
			Learning in the Arts		2007-162	

This project will present a seven day institute for 50 Kentucky art teachers to work with five Ghanaian artists in a traditional setting on the NKU campus.

Teacher Education and School Leadership	Jaesook Gilbert	Teacher Institute for the Improvement of Early Literacy Instruction of Young Children in Northern Kentucky	Collaborative Center for Literacy Development	6/10/08	6/1/08 - 5/31/09	\$ 30,000
			Undergraduate Early Childhood Teacher Academy		2008-116	

This project will offer an undergraduate institute, which will include early childhood courses in language and literacy, and follow up coaching and mentoring at the childcare provider's facility.

Teacher Education and School Leadership	Gay Washburn	Educating World Language (Arabic and Chinese) Teachers	National Security Agency	6/9/08	3/1/08 - 9/30/08	\$ 118,912
			University of Maryland		2008-085	

This grant will provide additional funding for an existing program (alternative certification summer institute for world language teachers). Additional funding will be used to meet out-of-state tuition costs, housing for up to 10 non-local participants, a special, non-credit workshop on Chinese and Arabic language for selected participants, and funding to support the organization and administration of free language classes for local children.

Total Number of Awards: 14

Total Funds Awarded: \$1,129,797