

**NKU, OFFICE OF RESEARCH, GRANTS AND CONTRACTS
PROPOSALS AWARDED FUNDING
FISCAL YEAR 2005 (FEBRUARY 2005)**

Department	Principal Investigator	Project Title	Funding Agency	Award Notification Date	Project Duration	Amount of Award
Chemistry	Heather Bullen	Biology & Chemistry Interdisciplinary Summer Undergraduate Research Experience (iSURE) at Northern Kentucky University	Merck Company Foundation American Assoc for the Advancement of Science	2/11/05	5/15/04 - 9/14/07	\$ 60,000
<p>The purpose of the Merck/AAAS Undergraduate Science Research Program is to enhance undergraduate science education in the areas of Biology and Chemistry. It will also encourage programs that foster understanding of the interrelationship of these sciences.</p>						

Educational Specialties	Anne Broughton	Working with Young Children with Multiple Sensory Deficits and other Severe/Profound Disabilities	Kentucky Department of Education	2/28/05	3/1/05 - 6/30/05	\$ 5,000
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This project involves the development of an Undergraduate/Graduate course which focuses on programming for young children 0-5 years with low incidence disabilities such as severe or profound developmental delays, multiple disabilities, multiple sensory deficits and severe motor disabilities in inclusive natural environments.

Elementary, Middle, and Secondary Programs	Carol Ryan	The American Diploma Project Enhanced Curriculum: Impacting Current and Future Teachers	Education Professional Standards Board (EPSB)	2/7/05	1/1/05 - 6/30/05	\$ 22,485
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The purpose of this project is to provide professional development for an identified group of practicing secondary mathematics and English language arts teachers such that they can develop a college and work-ready curriculum as defined by the Council of Partners' American Diploma Project implementation initiative.

Mathematics & Computer Science	Linda Sheffield	The AAA Project: Articulating Algebra for All	Kentucky Council on Postsecondary Education	2/3/05	3/1/05 - 6/30/06	\$ 275,000
			Improving Educator Quality			

"The AAA Project: Articulating Algebra for All" is designed to develop curriculum and instructional resources and train all middle grades math teachers and all high school algebra teachers to strengthen the algebra curriculum, instruction and assessment in four partner districts - Covington, Ludlow, Newport and Pendleton.

Department	Principal Investigator	Project Title	Funding Agency	Award Notification Date	Project Duration	Amount of Award
Nursing & Health Professions	Marian Cummins	Health from the Heart	National Speaking of Women's Health Foundation	2/7/05	4/1/05 - 10/31/05	\$ 5,000

Health from the Heart is funded through October 5, 2005 by the NKU University-Community Partnership grant and by small grants obtained by Transitions Inc., one of the partnering agencies. This project will provide funding to extend Health from the Heart.

Outreach & Graduate Studies	Michael Turney	Training, Research and Curriculum Development Services Project	Kentucky Department of Criminal Justice Training	2/7/05	2/1/05 - 7/31/05	\$ 66,124
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The Special Projects Coordinator shall perform the services of training, research, curriculum development and continued accreditation for the Kentucky Department of Criminal Justice Training.

Physics and Geology	Scott Nutter	CREST Veto Counters	National Aeronautics and Space Administration (NASA)	2/3/05	2/1/05 - 1/31/06	\$ 10,000
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The CREST collaboration will construct an instrument to search for high energy electrons and positrons in the cosmic rays by detecting the x-ray synchrotron design, fabrication, characterization and integration of a scintillator veto counter, which will discriminate against particles directly traversing the detector and masquerading as an x-ray signal.

Physics and Geology	Matthew Zacate	Norse Physics Tour de Force	World Year of Physics 2005	2/8/05	1/1/05 - 12/31/05	\$ 10,000
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The funds will be used to purchase equipment and supplies for a Physics demonstration show to be performed for students in grades 4 though 7 on the NKU Highland Heights campus and off-campus. Goals of this project include educating students in selected topics from Physics using exciting demonstrations and well-polished audio-visual materials and helping maintain the close ties established between NKU and the northern Kentucky community.

Department	Principal Investigator	Project Title	Funding Agency	Award Notification Date	Project Duration	Amount of Award
Soc., Anthro., & Phil.	Judy Voelker	Pottery Manufacture in Prehistory: An Examination of Ceramics in the Mun Valley from the Neolithic Period to the Origins of Angkor	ASIANetwork Freeman Student-Faculty Fellows Program	2/22/05	4/1/05 - 7/31/06	\$ 32,406

This project provides funding for five NKU students and a faculty mentor to travel to mainland Southeast Asia in the Summer 2005 to conduct analysis on ceramic material from the site of Ban Non Wat, northeast Thailand. This research will expand current knowledge of the role of craft intensification in the development of complex societies.

Social Work & Hum Serv.	Karen Tapp	Eastside Fatherhood Initiative	Northern Kentucky Regional Network	2/25/05	2/17/05 - 5/16/05	\$ 500
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This project involves a collaborative partnership with Eastside Neighborhood Association, the Cabinet of Health and Family Services, OASIS Inc., and NKU. The objective is to host an indoor picnic in April 2005 to build and strengthen existing father/child relationships within the Eastside community.

Social Work & Hum Serv.	Karen Tapp	Eastside Neighborhood Collaborative	Northern Kentucky Regional Network	2/25/05	2/17/05 - 5/16/05	\$ 500
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This project involves a collaborative partnership with Eastside Neighborhood Association, the Cabinet of Health and Family Services, OASIS Inc., and NKU. The objectives are to canvas and identify family and family-related neighborhood needs through meetings with Eastside residents. Additionally, the project seeks to recruit foster families within the community for at-risk children in need of placement.

Total Number of Awards: 11
Total Funds Awarded: \$487,015