

NKU, OFFICE OF RESEARCH, GRANTS, AND CONTRACTS
GRANTS AWARDED FUNDING
FISCAL YEAR 2009 (OCTOBER 2008)

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	Kentucky Council on Postsecondary Education	10/15/08	7/1/08 - 6/30/10	\$ 26,000

The council, in the exercise of its lawful duties, has determined the need to 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 admissions to and graduation from colleges and universities, and improve the recruitment of such students to our colleges and universities. Northern Kentucky University is available, qualified, and has indicated its interest in carrying out said programs.

Biological Sciences	Richard Durtsche	Acquisition of an Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) Element Analyzer	Kentucky NSF EPSCoR Research Enhancement Grant	10/3/08	8/1/08 - 7/31/09	\$ 94,188
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The purchase of this ICP-OES Element Analyzer will allow us to prepare samples and detect elements from a variety of environmental and organic sources and determine how they change in type and quantity under varying conditions.

Biological Sciences	Kristi Haik Martines	Acquisition of a Stereology System for Neuroscience Research at Northern Kentucky University	Kentucky NSF EPSCoR Research Enhancement Grant	10/1/08	9/1/08 - 8/31/09	\$ 93,608
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Stereology is the science of geometrical relationships between a structure that exists in three dimensions and the images of that structure which are fundamentally two dimensional. This is becoming a standard in the neurosciences for brain imaging and quantification of cells.

Department	Principal Investigator	Project Title	Funding Agency	Award Notification Date	Project Duration	Amount of Award
Computer Science	Yi Hu	A Method Employing Transaction Clustering and Traceability Link Mining for Identifying Information Attacks against Databases	Kentucky NSF EPSCoR Research Enhancement Grant	10/21/08	8/1/08 - 7/31/09	\$ 24,899

This project will seek novel approaches to detect malicious activities targeted at corrupting data. The secondary goal of this project is to encourage undergraduate students to pursue computer security related research.

Informatics	Sarah Mann	2008 Student Tech Leadership Program Showcase	Kentucky Department of Education	10/1/08	10/1/08 - 5/31/09	\$ 3,000
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The university will host and manage the activities (registration, facilities, judging) associated with, and provide appropriate space for the Fall/Winter 2008 Student Technology Leadership Program (STLP) Showcase.

Kentucky Campus Compact	Gayle Hilleke	Carter Academic-Service Entrepreneur Awards	Jimmy and Rosalynn Carter Partnership Foundation	10/15/08	9/1/08 - 1/31/09	\$ 5,000
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The Carter Academic-Service Entrepreneur (CASE) program is designed to encourage college students to design and carry out service learning projects as part of their academic studies. Five \$1000 awards will be given to college students in Kentucky to conduct service projects that connect their campus and community.

Office of the Dean of Education & Human Services	Elaine Jarchow	NKU Hosting International Leaders in Education Program (ILEP)	U.S. Department of State ILEP/IREX	10/3/08	8/1/08 - 7/31/09	\$ 149,894
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NKU will host a professional development program for 16 secondary-level international teachers. Each participant will experience a variety of hands-on leadership training and interaction with American peers.

Department	Principal Investigator	Project Title	Funding Agency	Award Notification Date	Project Duration	Amount of Award
Small Business Development Center	Carol Cornell	Small Business Development Center 08/09 House Bill 145	Kentucky Small Business Development Center University of Kentucky	10/1/08	7/1/08 - 6/30/09	\$ 14,285

The Small Business Development Center (SBDC) program provides seminars, training, and counseling to individuals who are considering starting a new business, in the process of beginning a new business, or expanding an existing business. These funds are provided by a House Bill from the Commonwealth of Kentucky.

Small Business Development Center	Carol Cornell	Small Business Development Center - 08/09 Federal Funds	U.S. Small Business Administration KY Small Business Development Center at UK	10/1/08	10/1/08 - 9/30/09	\$ 76,000
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Steely Library	Rob Zai	eContent Production and Collaborative Areas	Kentucky Department for Libraries and Archives Library Automaton Grant	10/3/08	10/1/08 - 9/30/09	\$ 23,165
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This project will provide collaborative workstations and new software to meet the needs of students and increasingly sophisticated class assignments.

Teacher Education and School Leadership	Sara Pulte	Northern Kentucky Writing Project FY09	Kentucky Department of Education	10/15/08	11/1/08 - 9/30/09	\$ 65,000
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Writing Project is a course that promotes the best that is known about the teaching of writing from literature in the field, research, and the insights from the insights and experiences of successful teachers at all levels.

Total Number of Awards: 11
Total Funds Awarded: \$575,039