

**NKU, OFFICE OF RESEARCH, GRANTS, AND CONTRACTS
PROPOSALS SUBMITTED
FISCAL YEAR 2008 (MARCH)**

Department	Principal Investigator	Project Title	Funding Agency	Submission Date	Project Duration	Amount Requested
Biological Sciences	Richard Boyce	Developing a Suite of Techniques to Detect Plant Stress with a Direct Application to Calcium Deficiencies in Northeastern Trees	USDA Forest Service Northeastern States Research Cooperative	03/20/2008	8/11/08 - 8/10/09	\$42,478 2008-113

These funds will support a plan to acquire useful techniques to measure stress in trees before it is visible, particularly regarding stress caused by calcium deficiency.

Biological Sciences	Sabine Zacate	A Validation of Fastidious Organisms - Additional Funding	SpiroFast Technologies	03/12/2008	6/15/06 - 6/14/09	\$5,113 2008-110
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A continuation of a validation of fastidious organism identification will be performed using a novel biotechnological growth medium.

Computer Science	Gary Newell	TRUCE: Tested, Relevant, Undergraduate Computing Education Institutional Transformation Project	National Science Foundation CPATH	03/11/2008	1/1/09 - 12/31/11	\$999,830 2008-109
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The Tested, Relevant, Undergraduate Computing Education (TRUCE) Institutional Transformation project is designed to complete an ongoing reformation and restructuring of the undergraduate computing related education at Northern Kentucky University.

Counseling, Human Services & Social Work	Karen Tapp	NKU Social Work Center For Gerontological Study	Boone County Fiscal Court	03/19/2008	7/1/08 - 6/30/10	\$219,209 2008-117
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The Northern Kentucky University Social Work Center will partner with local county human services directors to design and implement a new protocol for case management and service provision. As part of this project, NKU Social Work students will be recruited and trained to provide services to area residents.

Department	Principal Investigator	Project Title	Funding Agency	Submission Date	Project Duration	Amount Requested
Infrastructure Management Institute	Timothy Ferguson	Expanding the Infrastructure Management Institute	U.S. Department of Education	03/31/2008	6/1/08 - 5/31/09	\$478,492 2008-119

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.

Management	Kenneth Rhee	Training Leaders to Manage Emotions in an Interpersonal Context	U.S. Department of Defense	03/27/2008	9/1/08 - 8/31/09	\$56,000 2008-114
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This project will examine emotional and social models in light of leadership goals and develop a Model for Emotional Leadership Development (MELD). This model will be used to enhance current Army leadership curriculum and to address gaps in their commercial leadership training.

METS	Robert Snyder	The METS Center Equipment Acquisition: Accelerating Employers Use of Advanced Technology-Based Training	U.S. Department of Education	03/26/2008	5/15/08 - 5/14/09	\$191,593 2008-121
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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	03/31/2008	5/15/08 - 5/14/09	\$120,851 2008-120
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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.

Department	Principal Investigator	Project Title	Funding Agency	Submission Date	Project Duration	Amount Requested
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 Undergraduate Early Childhood Teacher Academy	03/28/2008	6/1/08 - 5/31/09	\$30,000 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	Mary Rozier	Future Educators of America Summer Camp 2008	Kentucky Department of Education	03/27/2008	5/1/08 - 9/30/08	\$30,000 2008-115
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This project will provide high school seniors with the opportunity to explore teaching as a career option. The one week camp will help participants gain a realistic understanding of the nature of education and the role of a teacher.

Teacher Education and School Leadership	Lynne Smith	Kentucky Reading Project - Harlan	Collaborative Center for Literacy Development University of Kentucky	03/12/2008	4/1/08 - 3/31/09	\$46,925 2008-112
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This grant will provide funding for the Kentucky Reading Project. These funds will be used to provide services, consisting of a summer workshop and follow-up sessions to Harlan, Kentucky.

Teacher Education and School Leadership	Lynne Smith	Kentucky Reading Project	Collaborative Center for Literacy Development University of Kentucky	03/12/2008	4/1/08 - 3/31/09	\$62,250 2008-111
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This grant will provide continued funding for the Kentucky Reading Project, consisting of a summer workshop and follow-up sessions during the year.

Total Number of Proposals: 12

Total Funds Requested: \$2,282,741