

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

Department	Principal Investigator	Project Title	Funding Agency	Submission Date	Project Duration	Amount Requested
Biological Sciences	Charles Acosta	Normative Dispersal Dynamics and Invasive Potential of Crayfish	National Science Foundation	01/22/2008	6/1/08 - 5/31/10	\$133,174

RIG CAA BP

This project involves cohorts of undergraduates in a comprehensive research project on aquatic conservation and ecosystem health.

Biological Sciences	Richard Durtsche	RUI: The Impact of the Invasive Amur Honeysuckle shrub on Larval Anuran Growth and Fitness	National Science Foundation	01/11/2008	1/1/09 - 12/31/10	\$465,069
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Physiological and Structural Systems

This study will investigate the potential harmful effects of plant chemicals from the leaves of the invasive Amur honeysuckle shrub on tadpole digestive efficiency, growth and fitness.

Biological Sciences	Bernard Lohr	The Role of Sexual Selection and Mate Choice on Vocal Performance Traits in Birds	Kentucky Science and Engineering Foundation	01/14/2008	7/1/08 - 6/30/10	\$33,021
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R & D Excellence

This research will involve field and laboratory testing to assess song characteristics as a potential indicator of male quality, and the affect on female's choice of mate in grasshopper sparrows.

Construction Management & Org. Leadership	Daryl Orth	Measuring Safety Performance of NECA Contracting Members - Additional Funding	ELECTRI International	01/14/2008	1/1/08 - 6/30/08	\$2,000
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The goal of this project is to study safety performance of National Electrical Contractors Association (NECA) contracting members and to help identify the safety practices that are predominantly effective in helping these firms pursue the goal of zero incidents.

Department	Principal Investigator	Project Title	Funding Agency	Submission Date	Project Duration	Amount Requested
Kentucky Transitional Assistance Program	Gail Messmer	Covering the Basics	St Wahlbergs Monastery	01/30/2008	7/1/08 - 6/30/09	\$5,000

This program will be managed under the NKU KTAP program and provides financial resources to meet the personal, household, and academic supply needs of NKU student parents being served through the KTAP office.

Nursing & Health Professions	Denise Robinson	Advanced Nursing Education Traineeship	U.S. Department of Health and Human Services Health Resources and Services Administration	01/04/2008	7/1/08 - 6/30/09	\$45,714
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The Advanced Nursing Education Traineeship provides tuition/stipends for Masters of Science in Nursing students who are willing to work in a medically underserved area after graduation. Full time students are eligible for support for up to three years, part time students are eligible only in the last year of their program. Students sign a statement indicating they will search for jobs in a medically underserved or health professional shortage area after graduation.

Physics and Geology	Seyed Allameh	Fabrication and Testing of Biologically Inspired Structural Composites	Kentucky Science and Engineering Foundation R & D Excellence	01/15/2008	7/1/08 - 6/30/09	\$47,369
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This project will develop biologically inspired structural composites. Undergraduate students will copy nature while making structures which are shatter proof and which will resist the dynamic forces of earthquakes.

Scripps Howard Ctr for Civic Engag & Nonprofit Dev	Maggie Stevens	Ready and Response Team - Year Two	Kentucky Campus Compact	01/29/2008	1/11/07 - 10/10/07	\$45,000
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The Ready and Response Plan is a three year grant to the Kentucky Campus Compact to support service learning/disaster relief and preparation programming at NKU, the University of Southern Mississippi, and Moss Point, Mississippi. Moss Point Schools are seeking development of service learning in its schools, service activities, and other programming from NKU and USM to help the community recover from Hurricane Katrina.

**Total Number of Proposals: 8**

**Total Funds Requested: \$776,347**