

**NKU, OFFICE OF RESEARCH, GRANTS, AND CONTRACTS  
PROPOSALS SUBMITTED  
FISCAL YEAR 2007 (APRIL 2007)**

Department	Principal Investigator	Project Title	Funding Agency	Submission Date	Project Duration	Amount Requested
Chemistry	Heather Bullen	Impact of Metal Oxide/Aqueous Interface on Biofilm Formation: Probing the Role of Sederphores	Kentucky NSF EPSCoR  Research Scholars Program	04/06/2007	5/1/07 - 4/30/08	\$4,865

This grant will support a student in undergraduate research evaluating biofilm formation on metal oxides.

Construction Management & Org. Leadership	Melody Rawlings	Perkins Basic Grant 07/08	U.S. Dept of Education  KY Education Cabinet, Office of Career & Tech Ed	04/20/2007	7/1/07 - 6/30/08	\$105,927
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These funds will be used to improve and expand services for students enrolled in career and technical education programs.

Counseling, Human Services & Social Work	Holly Riffe	Involving Hispanic Families in their Child's Education	Dater Foundation	04/06/2007	8/1/07 - 7/31/08	\$34,000
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This project will provide for one paid staff, NKU students, and community volunteers in interpreting and translation services for 75 families, and provide mentoring services to an additional 100 elementary and middle school children.

Office of Economic Initiatives	T. Keith Schneider	Southern Counties Initiatives	Multiple Sources	04/04/2007	8/1/06 - 6/30/08	\$10,300
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These funds are continuing support for a project that will create a robust, regional economic development plan for six southern counties of northern Kentucky, including Bracken, Carroll, Gallatin, Grant, Owen, and Pendleton. The anticipated improvements that will result from the implementation of the plan will include increasing entrepreneurial activity and business startups, raising skill levels, and heightening career potential for county residents.

Department	Principal Investigator	Project Title	Funding Agency	Submission Date	Project Duration	Amount Requested
Physics and Geology	Charles Hawkins	SAT/Physics Lab Grant - 4	SAT, Inc.	04/30/2007	1/1/07 - 12/31/07	\$3,000

This is the continuation of a grant that offers NKU Physics students the opportunity to gain real life lab experiences working with Schneider Advanced Technologies, Inc.

Physics and Geology	Scott Nutter	CREST Veto Counters - Additional Funds	National Aeronautics and Space Administration (NASA) The Pennsylvania State University	04/17/2007	1/14/04 - 1/13/08	\$14,000
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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	Scott Nutter	Cosmic Ray Energetics And Mass (CREAM II) - Additional Funds	National Aeronautics and Space Administration (NASA) The Pennsylvania State University	04/17/2007	12/1/04 - 11/30/07	\$11,767
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These funds will allow NKU to participate in the design, fabrication, testing, and integration of plastic scintillator-based detectors.

Teacher Education and School Leadership	Lynne Smith	Kentucky Reading Project	University of Kentucky	04/10/2007	4/1/07 - 7/31/08	\$62,500
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This grant will fund the ninth year of the Kentucky Reading Project, which consists of a summer workshop and follow-up sessions during the year.

**Total Number of Proposals: 8**

**Total Funds Requested: \$246,359**