

Projects and Personnel Representing UK STEM Education Initiatives - March 2009

EDUCATION

Project Personnel		Project Title	Funding Agency	Project Goals and STEM Needs Addressed		
Schroeder, Margaret Mohr, PI	Curriculum and Instruction	University of Kentucky NOYCE Fellows Program: New Opportunities Yielding Classroom Excellence	National Science Foundation (DUE-0733790)	Seeks to attract senior class students and practicing professionals in science, mathematics, engineering, and technology (STEM) to become credentialed secondary mathematics and science teachers	\$748,625	9/15/07-8/31/11
Osborn, Jeffrey, Co-I	Biology					
Walcott, Bruce, Co-I	Electrical Engineering					
Clements, Stephen, PI	Educational Policy Studies and Evaluation	Embedded Teacher Learning Through Online Modules: Leveraging Professional Development Resources in Kentucky	KY Council on Postsecondary Education (PO2 415 0700012833 1)	Develop, field test, refine, and make available to teachers across the state, eight online professional development short courses, or "modules," that will involve participants in 6-18 hours of structured, embedded learning activities	\$135,000	1/1/08-6/30/08
Bjork, Lars, Co-I	Educational Leadership Studies					
Eakin, Paul, Co-I	Mathematics					
Sandidge, Rosetta, PI	Curriculum and Instruction	University of Kentucky 2007 Future Educators of America Summer Camp	KY Department of Education (P02 540 0700007466 3)	Provide middle and high school students with the opportunities to explore teaching as a career option and to gain a realistic understanding of the nature of education	\$32,000	5/1/07-4/30/08
Boulay, Rose, Co-I	Educational Leadership Studies					
Zydney, Janet, PI	Special Ed & Rehab Counseling	Math Pursuits: Individualizing Math Instruction Base on Students' Learning Needs	Department of Education (H327A050006)	Development of a software program called Math Pursuits, an intervention to help students achieve proficiency in mathematics.	\$55,564	01/01/06-04/15-06

Hasselbring, Ted, Co-I	Special Ed & Rehab Counseling					
Bradley, Kelly, PI	Educational Policy Studies & Evaluation	Assessing Quality -- A Macro versus Micro Approach to High School Mathematics Education	Western Kentucky University (WKURF 543604-05-19)		\$36,452	07/01/04-06/30/05