

CEHD Research Highlights 2016

The **Department of Special Education** (Dr. Justin Cooper & Dr. Rob Pennington) has received a \$20,000 grant from the WHAS Crusade for Children that will be given as scholarships to graduate students seeking special education certification while acquiring the advanced skills necessary for improving educational outcomes for students with disabilities.

The **Department of Health and Sport Science** (Dr. Kathleen Carter) has received a \$10,000 grant from the WHAS Crusade for Children for Dr. Carter's proposal on "Physical Activity for Children with Special Needs." This program will provide weekly small group one-on-one physical activities for children with special needs. Volunteers working with the program will be trained to work with the children and be paired with a specific child to assist during the exercise sessions.

The **Department of Educational Leadership, Evaluation and Organizational Development** (Dr. Casey George-Jackson) will serve as Co-PI on a study titled, "College Costs: Examining College Attendance in an Era of Differential Tuition Practices." Dr. George-Jackson will receive \$20,000 from the \$50,000 Spencer Foundation grant that will be housed at New York University with Gregory Wolniak who is the PI. The study will address the need to increase college access through improved transparency, accuracy, and accessibility of information pertaining to college costs.

The **Department of Counseling & Human Development** (Dr. Lisa Hooper) has received a \$3,000 grant from the Executive Vice President of Research and Innovation Internal Research Grant for her undergraduate research proposal, "A Systematic Review of Measures of Provider Self-Reported Cultural Competency."

The **Department of Middle and Secondary Education** (Dr. Maggie McGatha) has received a \$375,000 grant from the Kentucky Department of Education. The two-year grant will fund professional learning opportunities that are designed to improve subject matter knowledge, teaching expertise, and leadership capabilities of mathematics teachers in the elementary grades.

The **Louisville Writing Project** (LWP) has received a \$20,000 College-Ready Writers Program grant. This grant will support 12-16 experienced middle and high school Writing Project teacher leaders through an Advanced Institute that will take place during the summer of 2016 and continue through the 2017 school year.

The **Department of Middle and Secondary** (Dr. Tom Tretter), the **Department of Early Childhood and Elementary Education** (Dr. Justin McFadden), and Brian Robinson a faculty member in the Speed School of Engineering received a \$205,000 grant from the Kentucky Department of Education Math-Science Partnership Program for the Assessments of Science Enabling Successful Students project. The team will work with 50 teachers and their administrators in several districts that are located in far west Kentucky. They will target the development of well-structured science classroom formative assessments that are aligned with new state science standards.

The **Department of Health and Sport Sciences** Exercise Physiology program (Dr. John Caruso) has received a \$2,500 from the National Science Foundation I-corps program (NASA/Kentucky Space Grant Consortium). His study will assess muscle and bone changes that result from a 10-week exercise program done on a novel prototype machine, which provides resistance without the requirement of gravity to operate.

The **Department of Educational Leadership, Evaluation and Organizational Development** received from the U.S. Department of Defense a grant for \$848,000. The grant supports the Cadre and Faculty Development Course (CFDC) at Fort Knox, which is a model of learning that draws from proven tactics in education theory and practice. There are 366 educators in the summer program and most are military science instructors in ROTC programs across the country. They are enrolled in 27 credit-hour program in which student's focus of studies are higher education leadership and organizational concepts that support college student and the institutional mission. Dr. Jeff Sun, Professor and Department Chair, oversees the grant and the CFDC.

The **Department of Middle and Secondary Education** was awarded the 2016 Paul Weber Award. This \$30,000 award will be used to develop a clinical model of teacher preparation, collaborate with UofL school colleagues to improve K-16 student learning, and form partnership that focus on equity and social justice.