

Eastern Kentucky University  
Division of Sponsored Programs

# Annual Report

Fiscal Year 2011

## Introduction

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Sponsored Programs is pleased to present the Annual Report for fiscal year 2011. New funding for externally-sponsored projects at EKU totaled \$48,962,156<sup>1</sup> for the recently ended fiscal year. While overall funding decreased slightly in total from the FY 2010 total of \$49,291,204, new faculty have submitted grant proposals to highly competitive federal funding opportunities. The following accomplishments are the result of such submissions:

- Rebekah Waikel (Biological Sciences) secured the first grant award from the National Institutes of Health in the University's recordable history for her research on the Estrogen Mediated Regulation of miRNA in Cardiac Remodeling.
- Michelle Smith (Mathematics and Statistics) and Alice Jones (Environmental Research Institute) secured a competitive National Science Foundation grant through the Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES) Program.
- Michael Collier (Safety, Security, and Emergency Management) secured competitive federal funding to develop a security operations degree program.
- David Brown (Biological Sciences) and Stephen Richter (Biological Sciences) secured a competitive grant from the Environmental Protection Agency in collaboration with the Kentucky Division of Water.
- Walter Borowski (Geography and Geology), Stephen Richter (Biological Sciences), Alice Jones (Environmental Research Institute), and Melinda Wilder (Natural Areas) secured a competitive NSF planning grant through Biological Field Stations.

External funding at the University is a reflection of the commitment that faculty and staff have made to the teaching, research, and service mission of the University. We applaud those individuals who have taken on the responsibility of pursuing external funding and extend our congratulations to those whose hard work and dedication is represented by the awards presented in this report. With a renewed focus on providing services and resources in support of faculty pursuits of competitive external funding, we hope to see an increase in the submission and success rates for competitive grant proposals.

## Sponsored Programs Mission

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The mission of the Division of Sponsored Programs is to provide support for faculty and staff in the pursuit of external funding while assuring compliance with applicable regulations. Sponsored Programs provides assistance in the following areas: identifying potential funding sources; developing proposal narratives and budgets; facilitating compliance with federal, state, sponsoring agency, and University regulations; completing electronic applications; submitting proposals to sponsoring agencies; negotiating contracts and other award agreements; accepting award documents; administering post-award non-accounting functions, including subawards, vendor agreements, no-cost extensions, and budget revisions; administering the Institutional Review Board for the

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<sup>1</sup> The dollar amounts included in this report reflect new awards received with start dates that fall between July 1, 2010 and June 30, 2011 and may not reflect additional funding awarded on awards with original start dates prior to July 1, 2010.

protection of human research subjects; administering the Institutional Animal Care and Use Committee; and providing workshops on various pre-award topics.

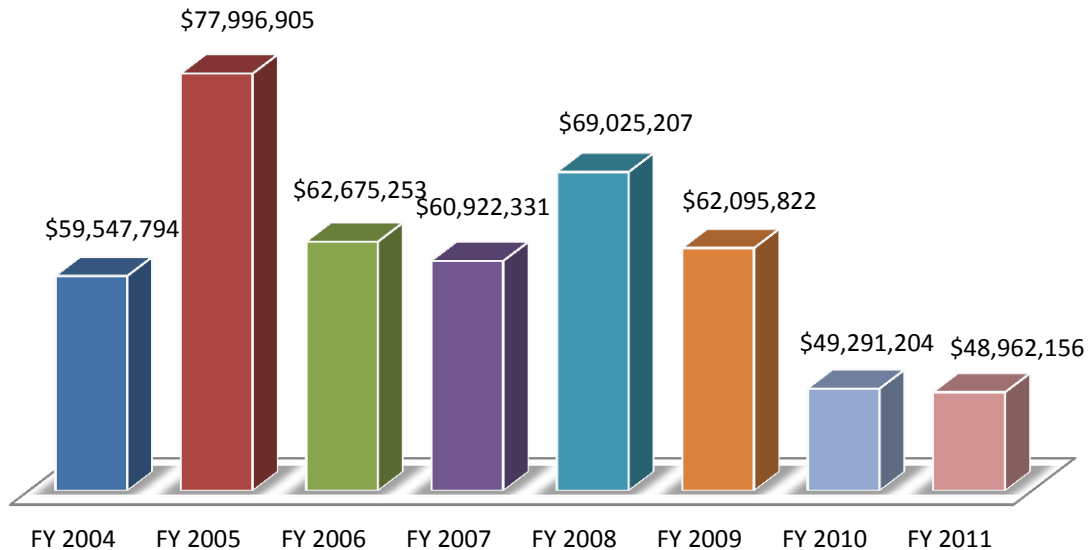
## FY 2011 Quick Facts

- Number of project directors or co-project directors on active awards: **106** (66 faculty, 40 staff)
- Number of individuals serving as project directors for the first time on new awards: **20**
- Number of individuals submitting grant proposals: **117** (85 faculty, 32 staff )
- Number of individuals submitting proposals for the first time: **34** (29 faculty, 5 staff )
- Total funding awarded for projects with start dates between July 1, 2010 and June 30, 2011: **\$48,962,156**
- Number and amount of subwards and vendor agreements processed: **163, \$8,238,227**
- Number and dollar amount of University Research Committee (URC) grants awarded: **11, \$64,641**
- Number of Institutional Review Board (IRB) research protocols: **187**
- Number of Institutional Animal Care and Use (IACUC) protocols: **11**

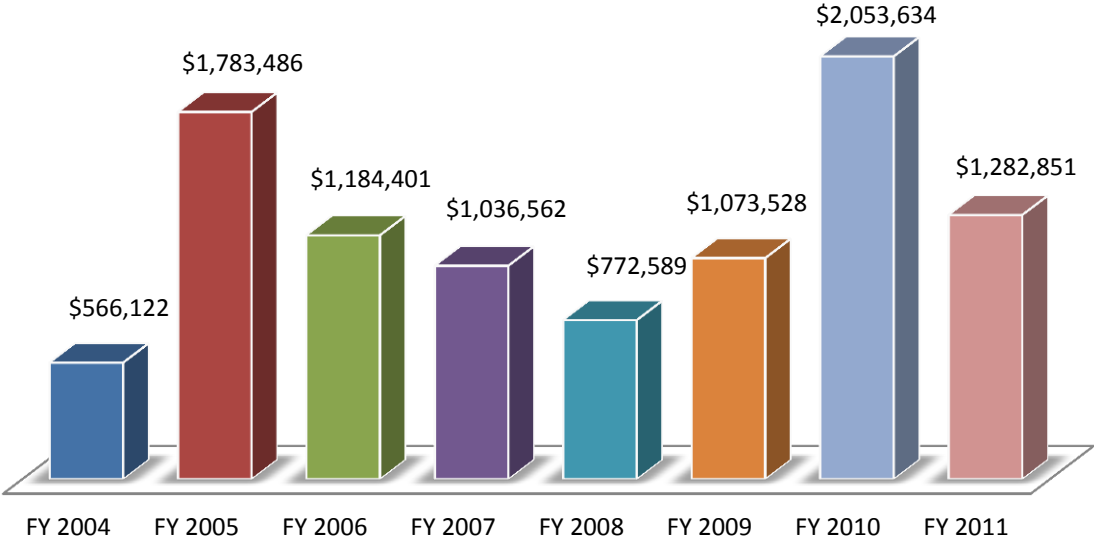
## 2010-2011 Funding Highlights

Sponsored project funding secured through new awards for the 2011 fiscal year totaled \$48,962,156. The following graphs illustrate the funding trend for the last eight fiscal years in total and for each college.

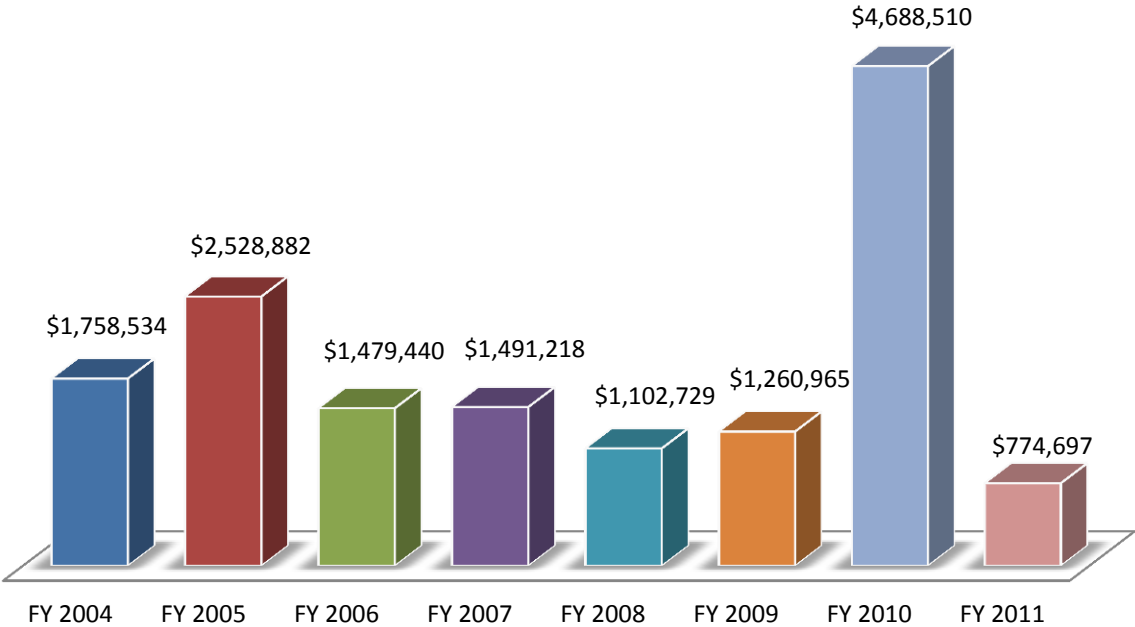
### Total Awards by Year



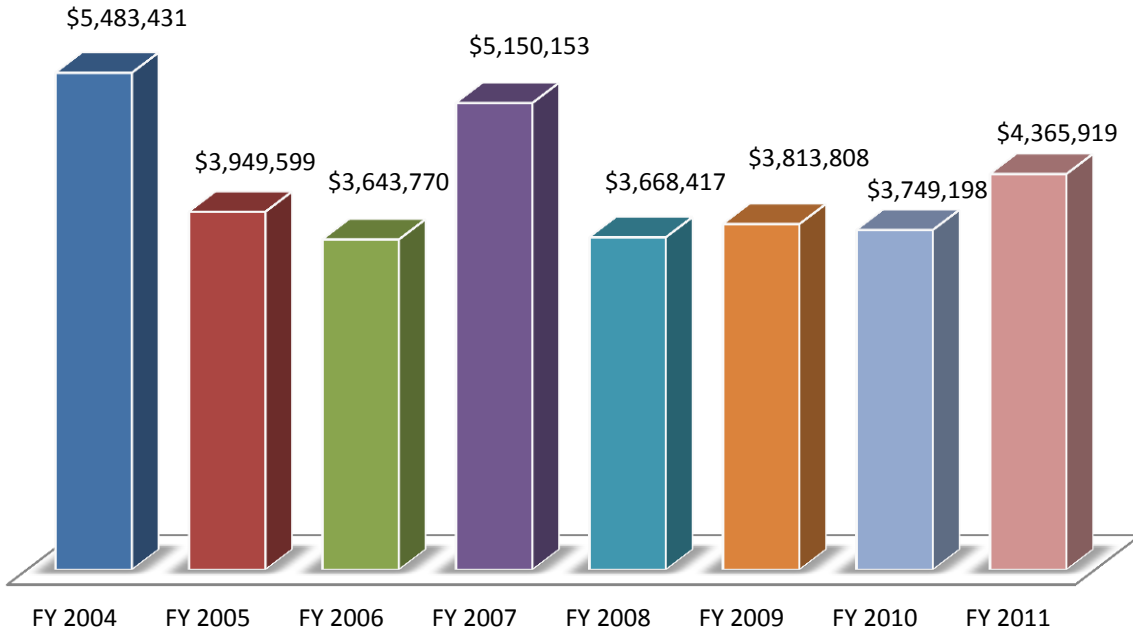
# Arts & Sciences



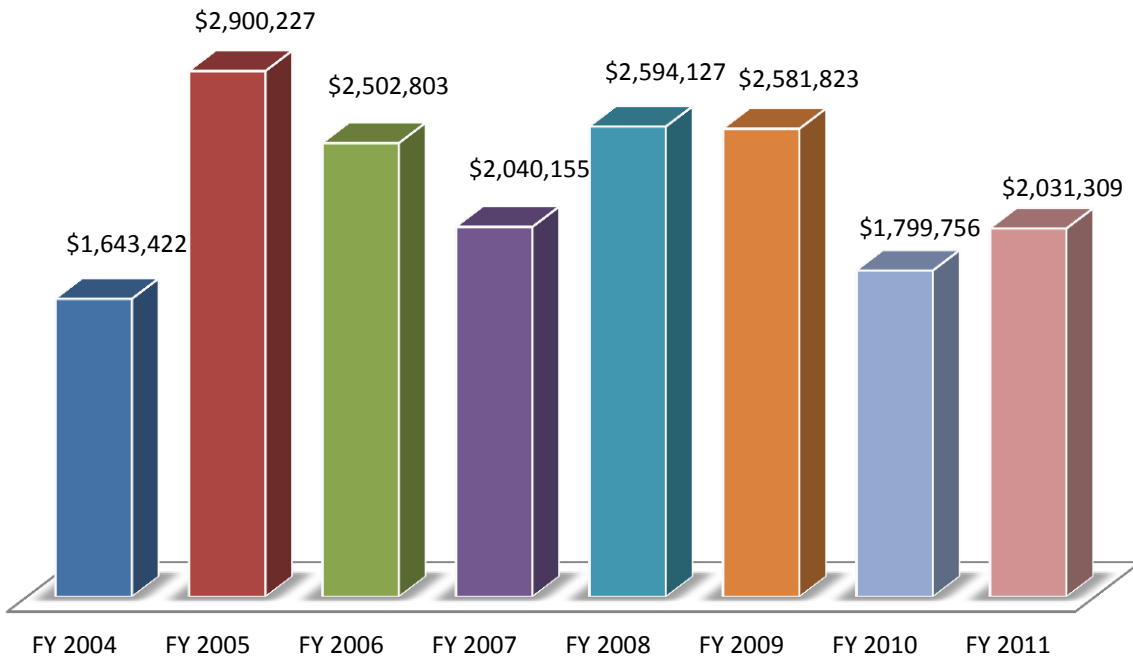
# Business & Technology



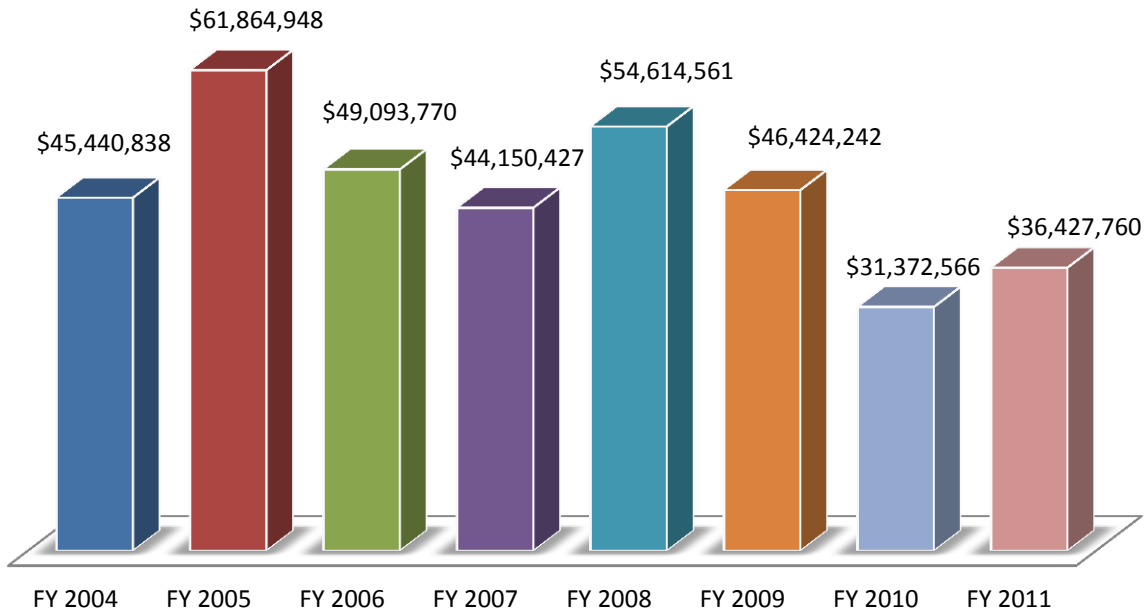
## Education



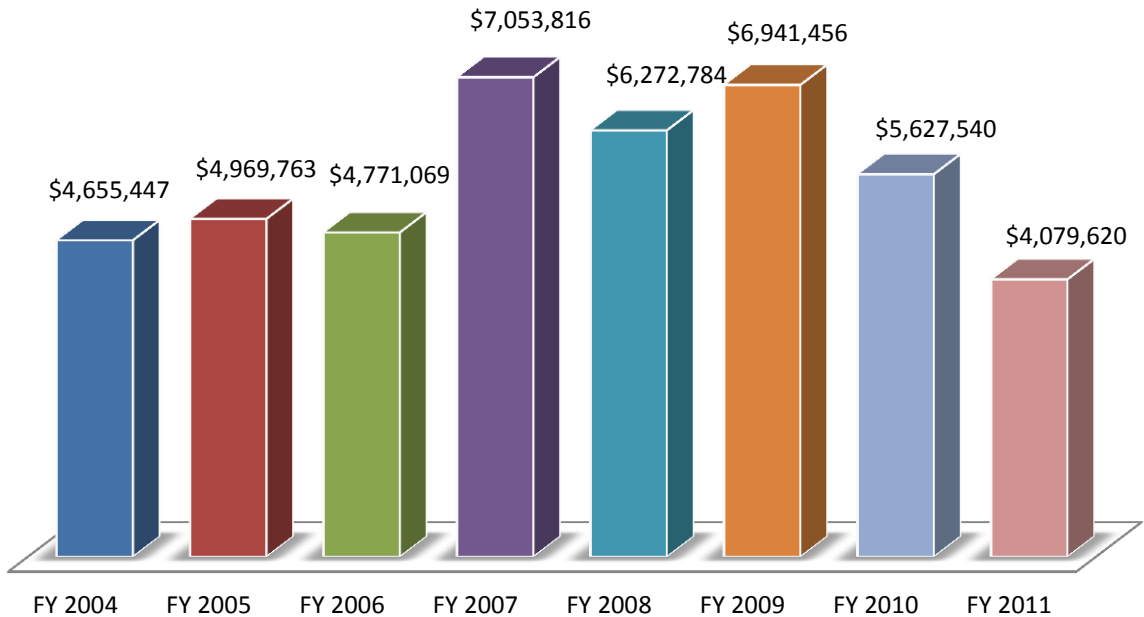
## Health Sciences



## Justice & Safety



## Other

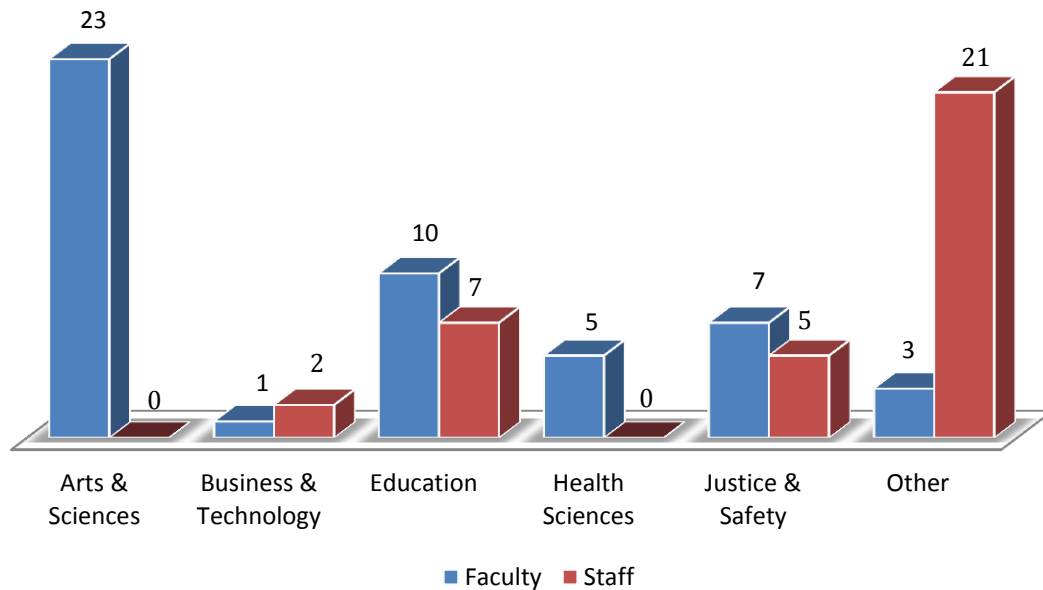


### Project Directors on Active and New Awards

Sixty-six (66) faculty and 40 staff served as project directors or co-project directors on awards that were active during the 2011 fiscal year. Twenty (20) individuals served as first-time project directors or co-project directors

on new awards in FY 2011. The following graph illustrates the number of project directors and co-project directors on newly awarded projects by college.

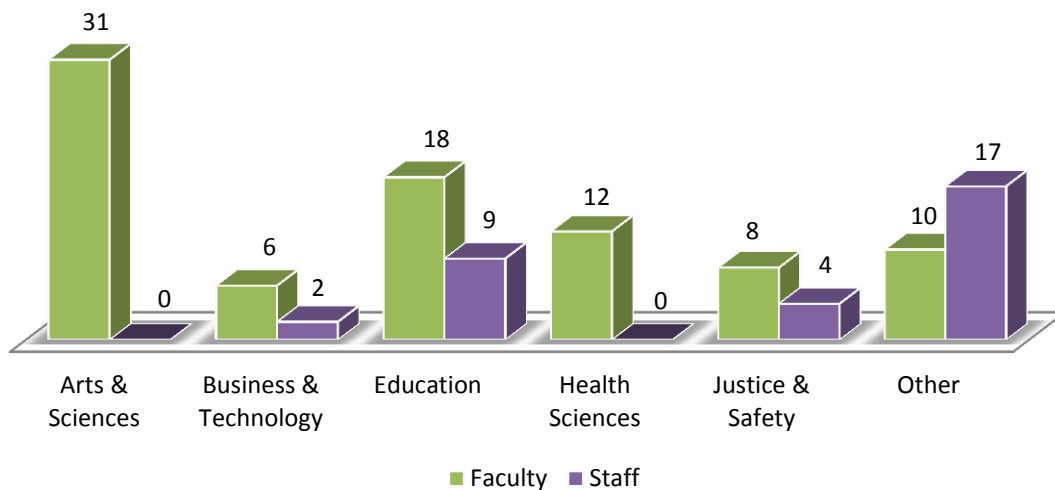
### Project Directors by College



### Faculty and Staff Submitting Grant Proposals

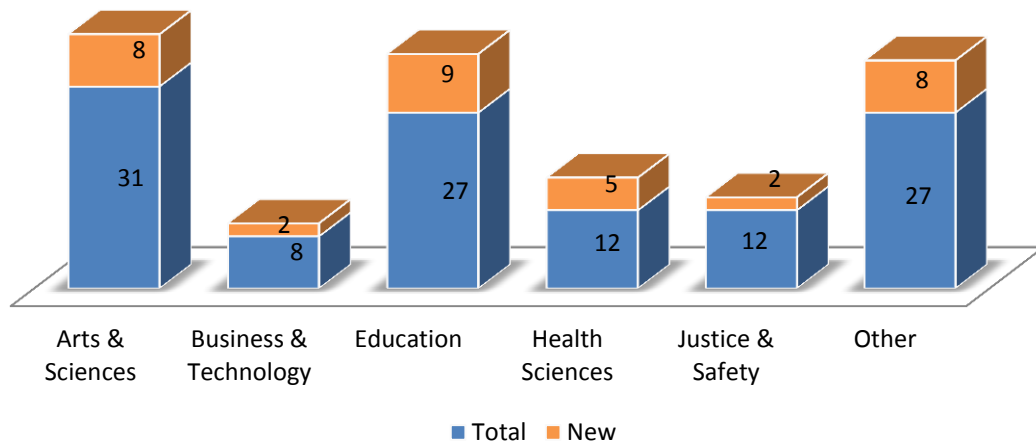
Eighty-five (85) faculty and 32 staff submitted grant proposals during the 2011 fiscal year. Twenty-nine (29) faculty and 5 staff submitted proposals for the first time in 2011. The following graphs illustrate the number of individuals submitting proposals during the 2011 fiscal year by college.<sup>2</sup>

### Faculty and Staff Submitting Proposals by College



<sup>2</sup>Note that the number of faculty and staff with projects active in fiscal year 2011 is not comparable to the number of faculty and staff who submitted proposals during fiscal year 2011 because many of the proposals submitted in one fiscal year will begin in the following fiscal year or later.

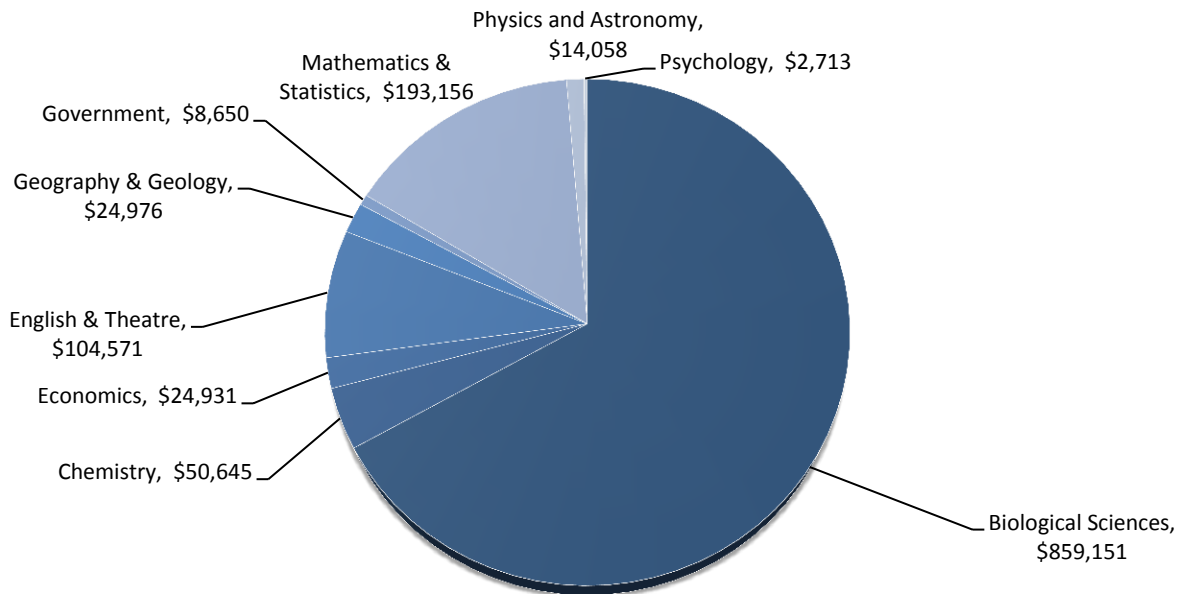
## Individuals Submitting Proposals for First Time by College



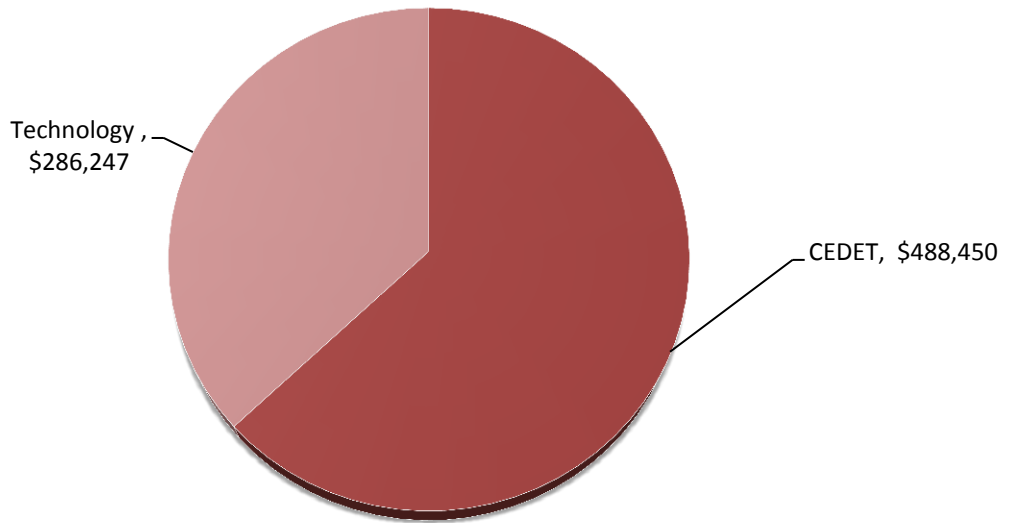
## College Funding by Department

The following graphs provide a detailed account of funding activity within each college by presenting funding levels for each department. The dollar amounts included in these graphs reflect new awards received with start dates that fall between July 1, 2010 and June 30, 2011 and may not reflect additional funding awarded on awards with original start dates prior to July 1, 2010. Departments without new sponsored project awards beginning in fiscal year 2011 are not included.

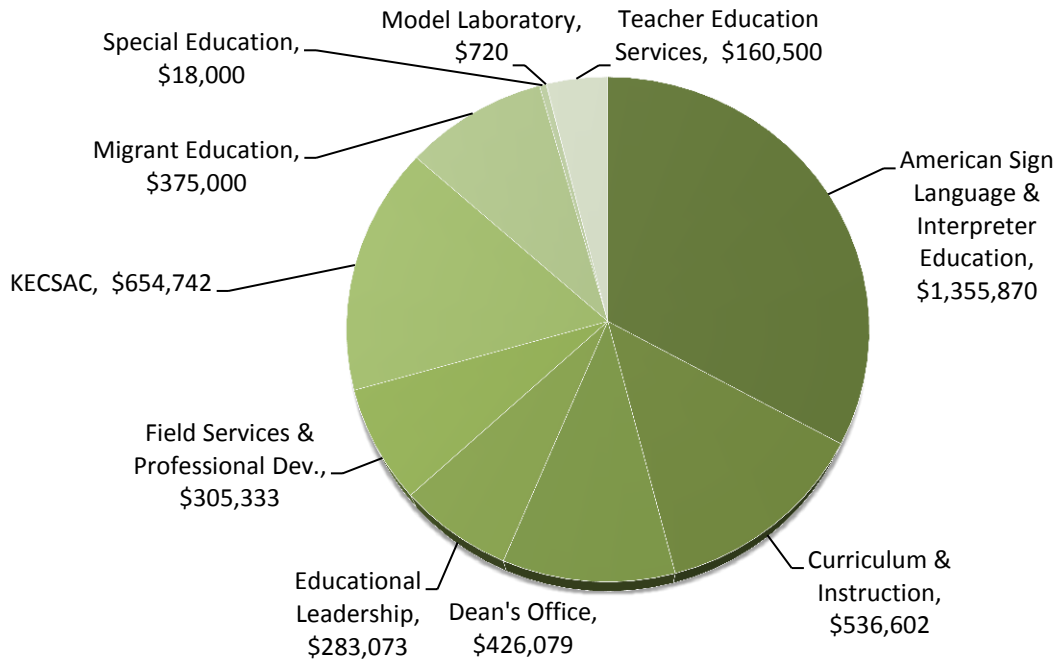
### College of Arts and Sciences



## College of Business and Technology

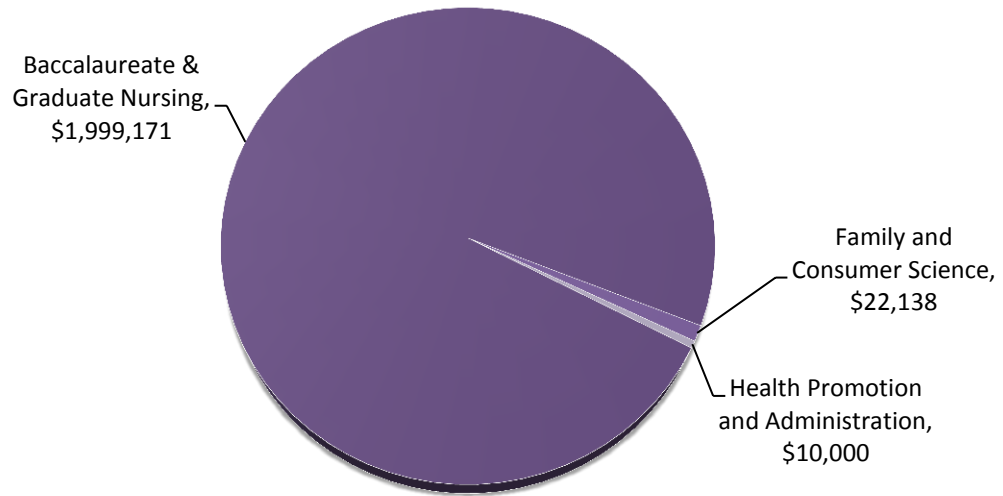


## College of Education

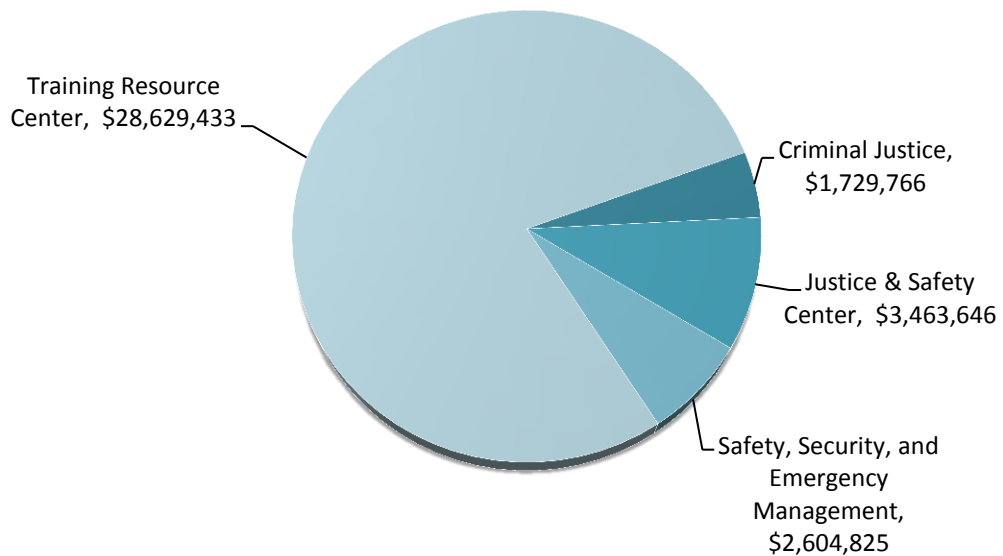




## College of Health Sciences

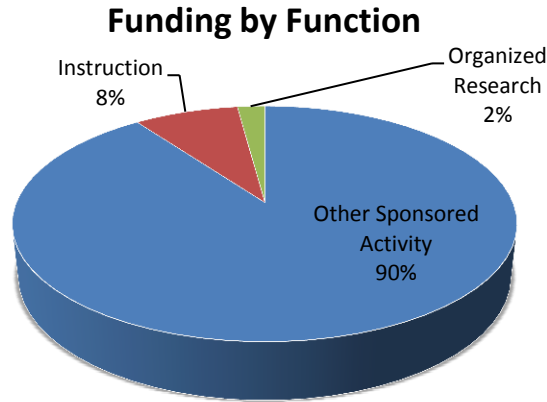


## College of Justice and Safety



### Funding by Function

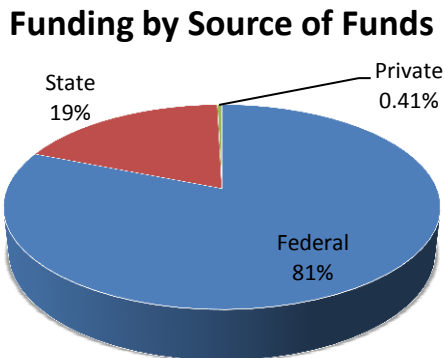
The majority of funding (90%; \$44,053,605) for fiscal year 2011 was secured for “other sponsored activities,” including service projects. A total of \$3,885,079 (8%) was secured for instruction projects, and \$1,023,472 (2%) was secured for organized research projects. The following graph depicts the dollar value of funding approved for research, teaching, and other sponsored activities.



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### Funding by Source of Funds

Awards from federal funds totaled \$39,686,759, which represents 81.06% of the total amount awarded to EKU during the 2011 fiscal year. The federal funding total includes funding awarded directly to the University from federal agencies as well as federal funding passed through the State of Kentucky and other agencies. Notable federal agencies include the United States Departments of Homeland Security, Health and Human Services, and Education; the National Science Foundation; the National Institutes of Health, and the Health Resources and Services Administration. State-funded awards represent 18.35% of total funding for fiscal year 2011 at \$9,073,448. Notable state agencies include the Cabinet for Health and Family Services, Council on Postsecondary Education, Department of Education, and Transportation Cabinet. The remaining 0.41% (\$201,949) of funding for fiscal year 2011 was awarded by local or private sponsoring agencies. The following graph illustrates the breakdown of federal, state, local, and private sponsoring agencies for fiscal year 2011.



# The Year in Review . . . Looking Forward

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## Customer Service

Sponsored Programs seeks to enhance and facilitate the ability of faculty and staff to achieve their goals in teaching, research, and service by successfully competing for funding from external sponsoring agencies. To accomplish this goal, Sponsored Programs is committed to assisting the campus community with the dual functions of developing competitive proposals for submission to sponsoring agencies and ensuring compliance with federal, state, sponsor, and University regulations. Sponsored Programs will continue to seek to enhance the level of customer service available to faculty and staff in the upcoming year.

In addition to individualized assistance, Sponsored Programs offers many useful resources online and maintains a listserv to facilitate communication with project directors and others with interests in news related to sponsored projects. In the upcoming year, Sponsored Programs will utilize the listserv as a means of increasing awareness of grants on campus and resources available to those interested in pursuing grant activities. The listserv will also continue to be used as the primary method of communication for grant-related important announcements and changes relevant to the campus community. The Sponsored Programs website includes resources such as links to online funding information, basic information commonly needed for grant proposals, forms and instructional documents, links to online proposal submission systems, and other resources.

## Faculty Development Opportunities

In an effort to increase proposal submission to competitive external grant funding opportunities, Sponsored Programs has invested significant resources in faculty development opportunities.

### *Grant Proposal Development Course*

Sponsored Programs began offering a semester-long professional development course on developing competitive grant proposals in the fall of 2008. The goal of the course is to provide a collaborative environment of support in which participating faculty and staff learn about the process of developing competitive grant proposals for submission to external sponsoring agencies. The course is open to full-time ECU faculty and staff who wish to submit grant proposals for funding to support research, teaching, or service projects to be conducted as part of ECU's mission. The presentation style is mostly lectures, but also includes a combination of hands-on activities, guest speakers, and discussions. Specific tasks are recommended for participants at the end of each session, and additional one-on-one assistance is available from Sponsored Programs staff throughout and subsequent to the semester of participation. A reference text and a course Blackboard site are provided as additional resources to participants. Sponsored Programs plans to continue to offer this professional development course each semester for as long as there is sufficient interest from faculty and staff.

Sponsored Programs tracks grant activity for all participants beginning with the semester of participation. The following table reflects the success of participants in securing grant funding.

Total Number of Participants (Fall 2008 – Spring 2011)	77
Number of Proposals Submitted by Participants	65
Number of Grant Awards to Participants	45
Amount External Funding Secured by Participants	\$2,395,425

### *GDP*

The Grant Development Program was announced in FY 2010 as a new program that allows faculty to apply for a course reassignment for time to work on submitting a competitive external grant proposal. The program requires that faculty complete the Grant Proposal Development Course and identify a specific external funding

opportunity prior to applying. The first group of 5 faculty participated in the program during the 2010-2011 academic year. Each made progress towards submission, and two faculty have submitted proposals. The others are in the process of finalizing proposals with plans to submit within the next year. Sponsored Programs will offer this program again in the 2011-2012 academic year and will seek to actively recruit participants for the following academic year.

#### *R&R Program*

In FY 2010, Sponsored Programs created a new Revise and Resubmit (R&R) program to assist faculty in revising previously submitted external grant proposals that have not resulted in grant funding. The program provides a \$500 professional development award and requires the resubmission of a previously declined grant proposal within one year. The program requires participation in one session on revising a grant proposal, an individual meeting with Sponsored Programs, and regular communication during the revision process.

The program was initially offered to 5 faculty during the summer of 2010. Four of the faculty participants have resubmitted grant proposals. For the 2011-2012 academic year, the R&R program will be offered every fall, spring, and summer.

### **Subawards/Vendor Agreements**

A total of 163 subawards and vendor agreements totaling \$8,238,227 were processed on sponsored projects during the 2011 fiscal year for a variety of projects and tasks. In FY 2011, Sponsored Programs made changes to the subaward/vendor agreement process to increase customer service and decrease the amount of time required for a fully-executed vendor agreement/subaward to be in place. Forms were updated to improve usability and efficiency. The former process of project directors requesting and receiving approval to create a subaward/vendor agreement has been replaced with a new process. Project directors now complete a request form, and Sponsored Programs creates the agreements and processes them for required signatures. Improvements to the subaward/vendor agreement amendment process are planned for FY 2012.

### **University Research Committee Grants**

The Office of Graduate Education and Research, through Sponsored Programs, provides support for faculty to engage in research, scholarship, and creative activities. University Funded Scholarship (UFS) grants are competitively awarded based on the review and recommendations of the University Research Committee (URC). Faculty may apply for up to \$2,000 for faculty mini-grants to support faculty scholarly and creative activities where resource needs are modest and in areas where opportunities for external funding are extremely limited and up to \$8,000 for major project awards as seed grants for the purpose of obtaining significant external funding. Application forms were updated to a format that will better prepare faculty for subsequently applying for funding from external agencies. During the 2011 fiscal year, the URC awarded a total of \$64,641 to 11 faculty for a variety of research projects. Funding was provided for 7 major project awards and 4 mini-grants. During the upcoming fiscal year, Sponsored Programs will provide training sessions to the faculty on writing effective applications for funding through the University Research Committee.

### **Human Subjects Research Compliance**

The Institutional Review Board (IRB) is responsible for reviewing all research activities involving human subjects regardless of the source of funding. The mission of the IRB is to promote and safeguard research activity that involves human subjects within the academic community. During the 2011 fiscal year, 187 research protocols were submitted to the IRB for the protection of human research subjects. Of these protocols, 112 were classified and approved as exempt from further review under the federal Office of Human Research Protections (OHRP) regulations. Sixty-six (66) were approved through expedited review, and nine (9) were approved after full convened meetings of the IRB. These projects represent various types of research involving human research

subjects conducted by ECU faculty, staff, and students. A total of 159 individuals served as principal investigators on IRB-approved projects, and 47 faculty served as primary research advisors on student projects.

New review procedures, an expanded committee membership, and formal training for committee members have improved the review time for protocols. The average turn-around time for the review of new applications during FY 2011 was 9.85 calendar days from the date of Sponsored Programs' receipt of the application to the date on which the committee issued approval. During the upcoming fiscal year, Sponsored Programs will provide training sessions to the campus community on human subjects research compliance and the IRB application process.

## Animal Care and Use Compliance

The mission of the Institutional Animal Care and Use Committee (IACUC) is to promote and safeguard activities that involve animals within the academic community. Eleven (11) research and instruction protocols were approved by the IACUC during the 2011 fiscal year. These projects represent various types of research and instruction involving animal subjects conducted by ECU faculty, staff, and students. A total of 6 individuals served as principal investigators on IACUC-approved projects, and 4 faculty served as primary research advisors on student projects.

Improved efficiency in the review process resulted in an average turn-around time for the review of new applications of 16.8 days from the date of Sponsored Programs' receipt of the application to the date on which the committee issued approval. Significant progress was also made in the implementation of the IACUC's recommendations for ECU's animal care facilities. During the upcoming fiscal year, Sponsored Programs will provide training sessions to the campus community on animal care and use compliance and the IACUC application process.

## Awarded Sponsored Projects

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The following list reflects awarded sponsored projects with start dates between July 1, 2010 and June 30, 2011 and may not reflect previously awarded projects that were still active during the 2011 fiscal year.

**Akers, Jon** (Criminal Justice). Kentucky Center for Instructional Discipline. Kentucky Department of Education. \$841,000.

**Akers, Jon** (Criminal Justice). Kentucky Center for School Safety. Kentucky Department of Education. \$830,930.

**Akers, Jon** (Criminal Justice). Safe Schools Conference Support. Kentucky Department of Education. \$29,160.

**Baggett, Ryan** (Justice and Safety Center). IPAWS Common Alert Protocol (CAP) Assessment Project. U. S. Department of Homeland Security. \$500,000.

**Banks, Alan** (Center for Appalachian Studies). Appalachian Studies Conference. Kentucky Arts Council. \$2,000.

**Belluscio, Teresa** (Policy, Compliance, and Governance). Appalachian Tutoring Project. Kentucky Department of Education. \$77,200.

**Bennett, Billy** (Natural Areas). KUPPEE Energy Initiative. Western Kentucky University. \$80,000.

**Bliss, James** (Educational Leadership). Assessing Promising Practices. Morehead State University. \$61,177.

**Borowski, Walter** (Geography and Geology), **Richter, Stephen** (Biological Sciences), **Jones, Alice** (Environmental Research Institute), and **Wilder, Melinda** (Natural Areas). Increasing the research and educational capabilities of ECU's Natural Areas: Crafting a Comprehensive Strategic Plan to Create, Equip, and Maintain a Biological Field Station. National Science Foundation. \$24,976.

**Brown, David** (Biological Sciences) and **Richter, Stephen** (Biological Sciences). Development of a Rapid Wetland Assessment Method for Kentucky. Kentucky Division of Water. \$382,943.

**Brown, David** (Biological Sciences) and **Jones, Alice** (Environmental Research Institute). ECU Ecological Restoration Area. Bluegrass PRIDE. \$9,960.

**Bundy, Myra Beth** (Psychology) and **Wittman, Peggy** (Occupational Therapy). Eastern Kentucky University Developmental Disabilities Clinic Autism Social Groups. WHAS Crusade for Children. \$2,713.

**Cain, Karen Sue** (Enrollment Management). Coordinator of Developmental Education Initiative for Council on Postsecondary Education. Council on Post-Secondary Education. \$137,655.

**Calie, Patrick** (Biological Sciences). Kentucky Biomedical Research Infrastructure Network (KRBIN) Lead Faculty Award. University of Louisville. \$13,112.

**Ciocca, Marco** (Physics and Astronomy). Automation of Observatory to Perform Photometry and Defect Transient Events. American Astronomical Society. \$6,990.

**Cleveland, Mark** (Field Services and Professional Development). Kentucky Content Leadership Network. Kentucky Department of Education. \$217,080.

**Cleveland, Mark** (Field Services and Professional Development). Kentucky Teacher Internship Program. Education Professional Standards Board. \$83,240.

**Cleveland, Mark** (Field Services and Professional Development). Kentucky Teacher Internship Program, Technical Education. Education Professional Standards Board. \$5,013

**Collier, Michael** (Safety, Security, and Emergency Management). Security Operations Degree Program Development. SPAWAR Systems Center Charleston. \$177,546.

**Collins, Larry** (Safety, Security, and Emergency Management) and **Gorbett, Greg** (Safety, Security, and Emergency Management). Summer Undergraduate Research Fellowship (SURF). National Institute of Standards and Technology. \$15,795.

**Collins, Pam** (Justice and Safety Center). Rural Domestic Preparedness Consortium. U.S. Department of Homeland Security. \$2,880,000.

**Collins, Pam** (Justice and Safety Center). United States Air Force Crime Prevention Course. U. S. Department of the Air Force. \$83,646.

**Combs, Dorie** (Curriculum and Instruction) and **Deters, Faye** (Curriculum and Instruction). Developing Professional Learning Communities to Promote Content Literacy in Middle Schools. Collaborative Center for Literacy Development. \$10,000.

**Corley, Donna** (Baccalaureate and Graduate Degree Nursing). Nurse Researcher Project with Central Baptist Hospital. Central Baptist Hospital. \$91,784.

**Cornelius, Susan** (Continuing Education and Outreach-Workforce Education). 21st Century Community Learning Centers. Kentucky Department of Education. \$386,776.

**Costello, Patrick** (Mathematics and Statistics). Kentucky Center for Mathematics. Northern Kentucky University. \$36,580.

**Cox, Tamala** (Enrollment Management). Education Pays Center. Cabinet for Health and Family Services. \$396,874.

**Creech, Kim** (English and Theatre) and **Combs, Dorie** (Curriculum and Instruction). Regional Stewardship: English Transition Course Partnership to Promote College Readiness. Collaborative Center for Literacy Development. \$10,000.

**Crowe, Cheryll** (Academy of Inquiry-Based Learning (AIBL) Small Grant. Educational Advancement Foundation. \$1,500.

**Crowe, Cheryll** (Mathematics and Statistics). Partnership with Kentucky Valley Educational Cooperative. Kentucky Valley Educational Cooperative. \$5,085.

**Davis, William** (Technology) Technical Upgrade Training. Office of Career and Technical Education. \$8,792.

**Davis, William** (Technology). Applied Engineering Technology Education Career Pathway. Office of Career and Technical Education. \$60,000.

**Davis, William** (Technology). Field-Based Teacher Education. Office of Career and Technical Education. \$58,845.

**Davis, William** (Technology). Perkins Grant. Kentucky Department for Workforce Investment. \$103,856.

**Davis, William** (Technology). Professional Development for Teacher Educators in Career and Technical Education. Office of Career and Technical Education. \$20,600.

**Dent, Delinda** (Curriculum and Instruction). Kentucky Reading Project. Collaborative Center for Literacy Development. \$60,625.

**Dilka, Karen** (Special Education) and **Pruitt, Beth Anne** (Special Education). Graduate Preparation of Special Education Personnel. WHAS Crusade for Children. \$18,000.

**Duvall, Roger** (Continuing Education and Outreach-WEKU). Radio Community Service Grant. Corporation for Public Broadcasting. \$171,353.

**Elliott, Charles** (Biological Sciences). Movements and Habitat Associated with Nesting Woodcock (*Scolopax minor*) in Kentucky. Kentucky Department of Fish and Wildlife Resources. \$10,000.

**Fink, Hal** (Training Resource Center). Kentucky Department of Corrections Correctional Education Program. Kentucky Department of Corrections. \$1,565,582.

**Fink, Hal** (Training Resource Center). Kentucky Department of Corrections Training and Technical Assistance Project. Kentucky Department of Corrections. \$123,206.

**Fister, Susan** (Baccalaureate and Graduate Degree Nursing). Bluegrass Community Health Center. Health Resources and Services Administration. \$1,799,710.

**Fister, Susan** (Baccalaureate and Graduate Degree Nursing). HIV/AIDS and Substance Abuse Outreach Grant. Hope Center, Inc. \$13,000.

**Fister, Susan** (Baccalaureate and Graduate Degree Nursing). Lexington Fayette County Health Department. Family Planning Contract. \$57,800.

**Frederick, Robert** (Biological Sciences). Population Models for Kentucky Bobcats Based on Home-Range Size and Habitat Use. Kentucky Department of Fish and Wildlife Resources. \$18,900.

**Fuller, Jason** (Chemistry). Matrix Isolation Spectroscopy of Transition Metal-Polycyclic Aromatic Hydrocarbon Complexes. University of Kentucky Research Foundation. \$15,000.

**Gabbard, Carol** (College of Education). GEAR UP Kentucky. Council on Post-Secondary Education. \$141,097.

**Gershtenson, Joseph** (Government). KCCMA Administrative Services Agreement. Kentucky City/County Managers Association.

**Gershtenson, Joseph** (Government). KPHRA Administrative Services Agreement. Kentucky Public Human Resources Association. \$7,150.

**Haffner, Jerry** (Continuing Education and Outreach). Madison County Adult Education. Kentucky Adult Education. \$448,965.

**Hale, Nickole** (University Housing). University Housing Recycling and Sustainability Expansion. Bluegrass PRIDE. \$3,000.

**Harmon, Donna** (Training Resource Center). University Training Consortium Project. Kentucky Cabinet for Health and Family Services. \$21,030,839.

**Harmon, Donna** (Training Resource Center). University Training Consortium Professional Development and Training - Cost Center. \$869,400.

**Harter, Cynthia** (Center for Economic Education) and Harter, John (Economics). Do Elementary Children Learn Economics from Children's Literature? Council for Economic Education. \$24,931.

**Hay, Michael** (Migrant Education). Southeastern Kentucky Regional Migrant Education Program Administrative Center. Kentucky Department of Education. \$375,000.

**Hayes, Laurence** (American Sign Language and Interpreter Education). Interpreter Training Program. Kentucky Department of Education. \$433,894.

**Hayes, Laurence** (American Sign Language and Interpreter Education). Interpreting Services and Center on Deafness. Kentucky Office of Vocational Rehabilitation. \$843,976.

**Hayes, Laurence** (American Sign Language and Interpreter Education). PEPNet. University of Tennessee. \$78,000.

**Hecht, Jan** (Health Promotion and Administration). University of Kentucky Regional Extension Center Internship. University of Kentucky Research Foundation. \$10,000.

**Herlihy, Jack** (Center for Educational Research in Appalachia). Center for Learning Excellence. Kentucky Department of Education. \$250,000.

**Horn, Tammy** (Natural Areas). Queen Production and Nutrition on Eastern KY Surface Mine Sites. Kentucky Agricultural Development Board. \$45,130.

**Johnson, Gladys** (Cooperative Education). Kentucky Work Study Program. Kentucky Higher Education Assistance Authority. \$110,000.

**Kline, Terry** (Safety, Security, and Emergency Management). Kentucky Graduated Licensing Classroom Program. Kentucky Transportation Cabinet. \$775,245.

**Kline, Terry** (Safety, Security, and Emergency Management). Kentucky Motorcycle Rider Education Program. Kentucky Justice and Public Safety Cabinet. \$1,025,326.

**Kline, Terry** (Safety, Security, and Emergency Management). Kentucky State Traffic School Classroom Program. Kentucky Transportation Cabinet. \$588,672.

**Leggett, Diane** (Family and Consumer Sciences) and **Kipp, Susan** (Family and Consumer Sciences). Cotton, The Fiber and Fabric of Life: Past, Present, and Future. Cotton, Inc. \$22,138.



**Lin, Xiunu** (Physics and Astronomy). Thermoelectric Materials Synthesis and Characterization. University of Kentucky Research Foundation. \$4,573

**Martin, Sally** (English and Theatre). Eastern Kentucky University Writing Project. National Writing Project. \$46,000.

**Martin, Sally** (English and Theatre). Eastern Kentucky University Writing Project. Kentucky Department of Education. \$48,571.

**May, David** (Criminal Justice). Juvenile Crime Analysis Update. Kentucky Department of Juvenile Justice. \$21,295.48.

**May, David** (Criminal Justice). Title II: Disproportionate Minority Confinement (DMC) II. Kentucky Department of Juvenile Justice. \$7,381.

**May, David** (Safety, Security, and Emergency Management). Juvenile Justice Crime Analysis. Kentucky Department of Juvenile Justice. \$6,200.

**McCracken, Amanda** (Scholarship Office). Erma Byrd Scholarship Program. U. S. Department of Education. \$85,000.

**McCracken, Amanda** (Scholarship Office). Future Educators Scholarship Award. Kentucky Department of Education. \$500.

**Miller, Cynthia** (Training Resource Center). Juvenile Justice Training Center. Kentucky Department of Juvenile Justice. \$1,082,324.

**Mooers, Ian** (Center for Economic Development, Entrepreneurship, and Technology). 2010 Idea State U Competition. Kentucky Cabinet for Economic Development. \$500.

**Mooers, Ian** (Center for Economic Development, Entrepreneurship, and Technology). 2011 Idea State U Competition. Kentucky Cabinet for Economic Development. \$1,500.

**Mooers, Ian** (Center for Economic Development, Entrepreneurship, and Technology), **Marshall, Gary** (Center for Economic Development, Entrepreneurship, and Technology), and **Smith, Kristel** (Center for Economic Development, Entrepreneurship, and Technology). Eastern Kentucky Region Innovation and Commercialization Center. Kentucky Science and Technology Corporation. \$386,450.

**Nichols, Jami** (University Programs). Upward Bound. U. S. Department of Education. \$467,691.

**Nolan, Ronnie** (KECSAC). Kentucky Educational Collaborative for State Agency Children. Kentucky Department of Juvenile Justice. \$633,142.

**Porter, Diana** (Curriculum and Instruction). High School Literacy: Decoding the Content. Collaborative Center for Literacy Development. \$10,000.

**Pratt, Bruce** (Center for Renewable and Alternative Fuel Technologies). Madison County Extension Service BioEnergy Field Day. Governor's Office of Agricultural Policy. \$5,000.

**Reed, Tanea** (Chemistry). Treatment of traumatically brain injured rats with gamma glutamyl cysteine ethyl. Morehead State University. \$25,645.

**Richmond, Richard** (Graduate Education and Research). Ronald E. McNair Postbaccalaureate Achievement Program. U. S. Department of Education. \$225,000.

**Richter, Stephen** (Biological Sciences). Phylogeography and Conservation of Genetics of Gopher Frogs with Implications for Management. U.S. Department of the Interior Fish and Wildlife Service. \$5,000.

**Ritchison, Gary** (Biological Sciences). Sharp-Shinned Hawk Study. Kentucky Department of Fish and Wildlife Resources. \$5,000.

**Rivard, Shirley** (Deaf Student Services). Deaf and Hard of Hearing Student Services. Kentucky Office of Vocational Rehabilitation. \$311,125.

**Rodriguez, Michael** (Center for Economic Development, Entrepreneurship, and Technology). Small Business Development Center. University of Kentucky. \$86,000.

**Rodriguez, Michael** (Center for Economic Development, Entrepreneurship, and Technology). Small Business Development Center. Kentucky Small Business Development Center. \$14,000.

**Salyers, Fran** (Curriculum and Instruction). Center for Middle School Academic Achievement. Kentucky Department of Education. \$368,488.

**Schmidt, Donna** (Continuing Education and Outreach-Corbin Campus). Tri-County Education Pays Center. Cabinet for Health and Family Services. \$95,381.

**Short, Judy** (Baccalaureate and Graduate Degree Nursing). Rural Health MSN Traineeship Program. Health Resources and Services Administration. \$36,877.

**Smith, Charlotte** (Model Laboratory School) and **Viohl, Teresa** (Model Laboratory School). Bluegrass Pride Educator Training Workshop. Bluegrass PRIDE. \$720.

**Smith, Darrin** (Chemistry). Analysis of Lignin Degradation Products in Ionic Liquids by Ambient Ionization Mass Spectrometry for the Development of Biofuels and Related Co-Products. Society for Analytical Chemists of Pittsburgh. \$10,000.

**Smith, Michelle** (Mathematics and Statistics) and **Jones, Alice** (Environmental Research Institute). Environmental AIMS (Applied Investigations in Mathematics and Statistics). National Science Foundation. \$149,991.

**Smith, Tyler** (Biological Sciences). Introduction to Grasses, Sedges, and Rushes Course (to be taught for Eagle Hill Foundation). Humboldt Field Research Institute. \$1,500.

**St. Pierre, Bill** (Continuing Education and Outreach). Real Estate Education. Kentucky Real Estate Commission. \$30,094.

**Stevens, Sandra** (Continuing Education and Outreach-Corbin Campus). Corbin City-EKU Corbin Campus Recycling Partnership. Kentucky Division of Waste Management. \$39,100.

**Stevens, Sandra** (Continuing Education and Outreach-Corbin Campus). Rain-Butterfly Garden. Eastern Kentucky PRIDE, Inc. \$3,100.

**Sweet, Charlie** (University Programs) and **Blythe, Hal** (University Programs). The Eastern Initiative. Kentucky Council on Postsecondary Education. \$200,000.

**Thames, Nancy** (College of Education). AmeriCorps Program. Kentucky Commission on Community Volunteerism and Service. \$221,000.

**Thames, Nancy** (College of Education). AmeriCorps Student Service Corps. Kentucky Commission on Community Volunteerism and Service. \$63,982.

**Thompson, Aaron** (Educational Leadership). Interim Vice President for Academic Affairs for the Council on Postsecondary Education. Council on Postsecondary Education. \$221,896.

**Thompson, Beth** (University Programs). Educational Talent Search Program. U. S. Department of Education. \$351,253.

**Thurman, James** (Safety, Security, and Emergency Management). Reducing the Explosive Potential of Ammonium Nitrate Fertilizer, Phase III. University of Kentucky Research Foundation. \$16,041.

**Tinsley, Jane** (Student Affairs). NOVA Student Support Services. U. S. Department of Education. \$348,345.

**Townsend, Scott** (Curriculum and Instruction), **Wilder, Melinda** (Natural Areas), and **Bennett, Billy** (Natural Areas). University Energy Education Curriculum Project. Kentucky Department for Energy Development and Independence. \$87,489.

**Wachtel, Elizabeth** (Training Resource Center). Commission for Children with Special Health Care Needs. Kentucky Commission for Children with Special Health Care Needs. \$99,687.

**Wachtel, Elizabeth** (Training Resource Center). Department for Medicaid Services. Cabinet for Health and Family Services. \$73,914.

**Wachtel, Elizabeth** (Training Resource Center). Early Childhood Mental Health. Cabinet for Health and Family Services. \$214,256.

**Wachtel, Elizabeth** (Training Resource Center). Mental Health and Substance Abuse Initiative. Cabinet for Health and Family Services. \$3,239,531.

**Wachtel, Elizabeth** (Training Resource Center). Support Services for the Administrative Office of the Courts. Administrative Office of the Courts. \$40,000.

**Wachtel, Elizabeth** (Training Resource Center). University Training Consortium - Child Support. Cabinet for Health and Family Services. \$236,784.

**Wachtel, Elizabeth** (Training Resource Center). University Training Consortium - Child Support. Kentucky Cabinet for Health and Family Services. \$54,000.

**Waikel, Rebekah** (Biological Sciences). Estrogen Mediated Regulation of miRNA in Cardiac Remodeling. National Institutes of Health. \$389,445.

**Waikel, Rebekah** (Biological Sciences). Investigating G-Protein Coupled Estrogen Receptor's Potential Role in Estrogen-Mediated Inhibition of Cardiomyocyte Hypertrophy. American Society for Biochemistry and Molecular Biology. \$1,000.

**Waikel, Rebekah** (Biological Sciences). Research Assistant Funds: Estrogen Mediated Regulation of miRNA in Cardiac Remodeling. University of Louisville. \$22,291.

**Wang, Jing** (Physics and Astronomy). The Kentucky Virtual Physics Education Research (VIPER) Group. Physics Education Research Leadership and Organizing Council. \$2,495.

**Wilder, Melinda** (Natural Areas). No Child Left Inside. Education and Workforce Development Cabinet. \$26,836.

**Wilder, Melinda** (Natural Areas) and Althaus, Krista (Curriculum and Instruction). PRIDE Earth Force Training Workshop. Eastern Kentucky PRIDE, Inc. \$2,741.59.

**Williams, Kathy** (Academic Readiness and Testing). Enhancement of Assessment and Placement Efforts: EKU and High School Partners. Council on Post-Secondary Education. \$30,000.

**Wilson, Fe'Lisa** (Teacher Education Services). MERR Scholarship Program. Kentucky Department of Education. \$160,000.

## **EKU Division of Sponsored Programs**

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