September 7, 2010

Dear EKU Campus Community,

We are pleased to present to you Sponsored Programs’ Annual Report for fiscal year 2010. New funding for externally-sponsored projects at EKU totals $49,291,204 for the recently ended fiscal year. While overall funding has decreased in total, we have seen new faculty submit grant proposals for the first time to highly competitive federal funding opportunities, and several have been awarded grants. We hope to see this trend continue in the upcoming years and are devoting significant resources to faculty development towards this goal.

External funding at the University is a reflection of the commitment that faculty and staff like you 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.

We look forward to serving the campus community in the upcoming fiscal year.

Sincerely,

Dr. Gerald J. Pogatshnik
Dean of the Graduate School and
Associate Vice President for Research

Mr. Gustav A. Benson
Director, Sponsored Programs
**Eastern Kentucky University**  
**Division of Sponsored Programs**  

**Annual Report**  
Fiscal Year 2010

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**Sponsored Programs Mission**

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

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**FY 2010 Quick Facts**

- Number of project directors or co-project directors on active awards: **109** *(66 faculty, 43 staff)*
- Number of project directors or co-project directors on new awards: **76** *(42 faculty, 34 staff)*
- Number of individuals serving as project directors for the first time on new awards: **22**
- Number of individuals submitting grant proposals: **119** *(77 faculty, 42 staff)*
- Number of individuals submitting proposals for the first time: **38**
- Total funding awarded for projects with start dates between July 1, 2009 and June 30, 2010: **$49,291,204**
- Number of separate new awards: **106**
- Number of and amount of subawards and vendor agreements processed: **188** , **$5,946,025**
- Number and dollar amount of University Research Committee (URC) grants awarded: **14** , **$72,694**
- Number of Institutional Review Board (IRB) research protocols: **139**
- Number of Institutional Animal Care and Use (IACUC) protocols: **18**
- Number of professional development participants: **52**
2009-2010 Funding Highlights

Sponsored project funding for the 2010 fiscal year totaled $49,291,204.¹ The following graphs illustrate the funding trend for the last seven fiscal years in total and for each college.

Total Awards by Year

Arts & Sciences

¹ Totals used in this report reflect awarded projects with start dates that fall within the fiscal year and may not include new funds added to previously awarded projects. Totals used in this report reflect data as of August 6, 2010 and may not reflect awards processed after that date.
Business & Technology

FY 2004: $1,758,534
FY 2005: $2,528,882
FY 2006: $1,479,440
FY 2007: $1,491,218
FY 2008: $1,102,729
FY 2009: $1,260,965
FY 2010: $4,688,510

Education

FY 2004: $5,483,431
FY 2005: $3,949,599
FY 2006: $3,643,770
FY 2007: $5,150,153
FY 2008: $3,668,417
FY 2009: $3,813,808
FY 2010: $3,749,198
Health Sciences

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Justice & Safety

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Project Directors on Active and New Awards
Sixty-six (66) faculty and 43 staff served as project directors or co-project directors on awards that were active during the 2010 fiscal year. Forty-three (43) faculty and 34 staff served as project directors or co-project directors on new awards. Twenty-two (22) individuals served as first-time project directors or co-project directors on new awards in FY 2010. 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
Seventy-seven (77) faculty and 42 staff submitted grant proposals during the 2010 fiscal year. Thirty-eight (38) individuals submitted proposals for the first time in 2010. Several of these individuals have successfully received funding since the close of the fiscal year, and others are awaiting notification of their proposal’s funding status. The following graphs illustrate the number of individuals submitting proposals during the 2010 fiscal year by college.2

Faculty and Staff Submitting Proposals by College

![Faculty and Staff Submitting Proposals by College](chart)

Individuals Submitting Proposals for First Time by College

![Individuals Submitting Proposals for First Time by College](chart)

Note that the number of faculty and staff with projects active in fiscal year 2010 is not comparable to the number of faculty and staff who submitted proposals during fiscal year 2010 because many of the proposals submitted in one fiscal year will begin in the following fiscal year or later.
**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, 2009 and June 30, 2010 and may not reflect additional funding awarded on awards with original start dates prior to July 1, 2009. Departments without new sponsored project awards beginning in fiscal year 2010 are not included.

### College of Arts and Sciences

- **Biological Sciences**, $1,321,981
- **Anthropology, Sociology, Social Work**, $299,989
- **Government**, $13,468
- **Geography & Geology**, $3,250
- **English & Theatre**, $106,126
- **Computer Science**, $100,330
- **Chemistry**, $102,224
- **Economics**, $24,650

### College of Business and Technology

- **Agriculture**, $3,856,099
- **Technology**, $248,246
- **CEDET**, $584,165
**College of Education**

- American Sign Language & Interpreter Education, $1,233,946
- Curriculum & Instruction, $489,500
- Dean's Office, $626,446
- Educational Leadership, $148,932
- Field Services & Professional Dev., $79,843
- KECSAC, $678,357
- Migrant Education, $365,674
- Special Education, $26,500
- Teacher Admission and Certification, $100,000
- KECSAC, $678,357

**College of Health Sciences**

- Baccalaureate & Graduate Nursing, $1,745,630
- Occupational Therapy, $54,126
Funding by Function
The majority of funding (83%) for fiscal year 2010 was secured for service projects. The following graph depicts the dollar value of funding approved for service, research, and teaching projects.

Funding by Source
Awards from federal funds totaled $40,703,245, which represents 82.58% of the total amount awarded to EKU. 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; and the Health Resources and Services Administration. State-funded awards represent 17.31% of total funding for fiscal year 2010 at $8,533,192. Notable state agencies include the Cabinet for Health and Family Services, Council on Postsecondary Education, Department of Education, and Transportation Cabinet. The remaining 0.11% of funding for fiscal year 2010 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 2010.
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 interest in news related to sponsored projects. 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. During the 2010 fiscal year, Sponsored Programs updated the website to include additional resources, including a newly revised edition of the Grant Proposal Development Handbook with new tools and samples. Plans are currently underway to further increase the availability of resource tools online during the upcoming fiscal year.

A new resource library was also compiled with several titles relevant to grant proposal writing. These books are displayed in the Sponsored Programs office and available to be checked out by faculty. A list is also posted online, and titles can be requested by email for campus mail delivery.

Professional Development Opportunities
In an effort to increase proposal submission to competitive external grant funding opportunities, Sponsored Programs has invested significant resources in professional development opportunities for faculty and staff.

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 EKU faculty and staff who wish to submit grant proposals for funding to support research, teaching, or service projects to be conducted as part of EKU’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.

Since 2008, 51 individuals have successfully completed the course. A total of 35 proposals have been submitted by course participants, and 24 grant awards have resulted. Several other individuals who completed the course are in the process of finalizing proposals for submission. 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. Beginning in Fall 2010, faculty who successfully complete the course are eligible to apply for reassigned time for grant proposal writing tasks during a subsequent semester through the GDP.

**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 faculty accepted for the program will participate during the 2010-2011 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 is offered during the summer and 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 provides a small amount of summer salary and requires the resubmission of a previously declined grant proposal within one year. Five faculty participated in the program for Summer 2010 and are continuing to finalize grant proposals for submission to external agencies within the next year.

**Grant Proposal Peer Review Program**
In FY 2010, Sponsored Programs began a new Peer Review Program. The goal of the program is to provide a resource for grant proposal writers to call on if they would like a competitive grant proposal to be peer-reviewed prior to submission. The process is managed through Sponsored Programs, and proposal writers may request specific types of reviewers for assignment to their proposal (i.e., non-scientific). In FY 2011, Sponsored Programs will market the program to the campus community to ensure awareness of the new program.

**Subawards/Vendor Agreements**
A total of 188 subawards and vendor agreements totaling $5,946,025 were processed on sponsored projects during the 2010 fiscal year for a variety of projects and tasks. During the 2010 fiscal year, Sponsored Programs began using electronic delivery of subawards and vendor agreements to improve efficiency. Plans are underway for significant changes to the subaward/vendor agreement request process for FY 2011 with the following goals: (1) to increase the level of customer service provided by Sponsored Programs; and (2) to decrease the amount of time required for a fully-executed vendor agreement/subaward to be in place. With the addition of a new Compliance Coordinator, additional services will be offered beginning in the 2011 fiscal year. Forms will also be updated to improve usability and efficiency.

**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).
During the 2010 fiscal year, the URC awarded a total of $72,694 to fourteen (14) faculty for a variety of research projects.

For the 2010-2011 Academic Year, Sponsored Programs will pilot a significant revision to the former Faculty Research Grants program. Two separate programs will be offered. Up to $2,000 may be awarded 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. Up to $8,000 may be awarded for major project awards as seed grants for the purpose of obtaining significant external funding. In addition, application forms will be updated to a format that will better prepare faculty for subsequently applying for funding from external agencies.

Human Subjects Research Compliance
During the 2010 fiscal year, 139 research protocols were submitted to the Institutional Review Board (IRB) for the protection of human research subjects. Eighty-three (83) of these protocols were classified and approved as exempt from further review under the federal Office of Human Research Protections (OHRP) regulations. Forty-eight (48) were approved through expedited review, and eight (8) were approved after full convened meetings of the IRB. These projects represent various types of research involving human research subjects conducted by EKU faculty, staff, and students. A total of 123 individuals served as principal investigators on IRB-approved projects, and 42 faculty served as primary research advisors on student projects.

The IRB’s membership was expanded during the 2010 fiscal year in order to facilitate prompt reviews of protocols. The average turn-around time for the review of new applications during FY 2010 was eleven (11) days from the date of Sponsored Programs’ receipt of the application to the date on which the committee issued approval.

Animal Care and Use Compliance
Eighteen (18) research and instruction protocols were submitted to and approved by the Institutional Animal Care and Use Committee (IACUC) for review during the 2010 fiscal year. The IACUC made significant progress in improving faculty awareness of the committee’s role and function and in facilitating more timely reviews of protocols. Standard Operating Procedures were developed for several areas to allow for more uniform operations within specific units.

Awarded Sponsored Projects
The following list reflects awarded sponsored projects with start dates between July 1, 2009 and June 30, 2010 and may not reflect previously awarded projects that were still active during the 2010 fiscal year.

Adamovich, Stephanie (Special Education). Widex PHAP-Loaner Network. Widex Corporation. $10,000.


Akers, Jon (Correctional and Juvenile Justice Studies). Kentucky Center for Instructional Discipline. Kentucky Department of Education. $817,000.

Austin, Michael (Philosophy and Religion). Enduring Questions: Pilot Course Grants: "Do We Need God for the Good Life?" National Endowment for the Humanities. $24,096.

Belluscio, Teresa (Disabilities Services). Project Success - Planning to Win Program. Kentucky Office of Vocational Rehabilitation. $6,556.

Bennett, William (Natural Areas). KUPEE Energy Initiative. Western Kentucky University Research Foundation, Inc. $80,000.


Brown, David (Biological Sciences). Land Snail Species Diversity Among Forest Disturbances Regimes in Kentucky Forests. Kentucky Academy of Science. $1,528.

Brown, David (Biological Sciences). Running Buffalo Clover Monitoring. Blue Grass Army Depot. $15,000.

Bundy, Myra Beth (Psychology) and Wittman, Peggy (Occupational Therapy). A Social Skills Group for Children with Autism Spectrum Disorders. WHAS Crusade for Children. $2,650.

Calie, Patrick (Biological Sciences). Kentucky Biomedical Research Infrastructure Network Lead Faculty Award. University of Louisville. $14,613.

Calie, Patrick (Biological Sciences). Kentucky Informatics and Genomics Infrastructure. Kentucky NSF EPSCoR. $40,000.


Cornelius, Susan (Continuing Education and Outreach). 21st Century Community Learning Centers. Kentucky Department of Education. $376,205.

Cox, Lisa (Student Affairs). KnowHow2GOKy/Project Graduate. Council on Post-Secondary Education. $7,000.


Davis, William (Business and Technology). Professional Development for Teacher Educators in Career and Technical Education. Office of Career and Technical Education. $18,000.

Davis, William (Business and Technology). Technical Upgrade Training. Kentucky Department for Technical Education. $11,368.

Dent, Delinda (Curriculum and Instruction). Kentucky Reading Project - Cadre 12. Collaborative Center for Literacy Development. $62,500.

Dilka, Karen (Special Education). Graduate Preparation of Special Education Personnel. WHAS Crusade for Children. $16,500.

Elliott, Charles (Biological Sciences). Movements and Habitat Associated with Nesting Woodcock (Scolopax minor) in Kentucky. Kentucky Department of Fish and Wildlife Resources. $30,716.

Fink, Hal (Training Resource Center). Correctional Education Readiness Program for Offenders. Kentucky Department of Corrections. $425,000.


Fister, Susan (Baccalaureate & Graduate Nursing). Bluegrass Community Health Center. Health Resources and Services Administration. $1,674,804.

Fister, Susan (Baccalaureate & Graduate Nursing). Family Planning Grant - FY 2010. Lexington Fayette County Health Department. $57,826.

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

Frederick, Robert (Biological Sciences). Population models for Kentucky bobcats based on home-range size and habitat use. Kentucky Department of Fish and Wildlife Resources. $12,800.


Gabbard, Carol (College of Education). GEAR UP Kentucky II Summer Academy. Council on Post-Secondary Education. $150,000.


Godbey, Susan (Chemistry). Caffeine as a Marker for Sewage Contamination of Wilgreen Lake. University of Kentucky. $5,000.

Haffner, Jerry (Continuing Education and Outreach). Madison County Adult Education. Kentucky Adult Education. $266,314.


Harrel, Sherry (Biological Sciences). A Survey of the Fishes and Macroinvertebrates of Mill Branch, Kentucky. Kentucky Department of Fish and Wildlife Resources. $26,740.

Harrel, Sherry (Biological Sciences). Distribution and Ecology of the Blackfin Sucker in the Upper Barren River, Kentucky. Kentucky Department of Fish and Wildlife Resources. $25,515.

Hay, Michael (Migrant Education). Southeastern Kentucky Regional Migrant Education Program Administrative Center (MEPAC). Kentucky Department of Education. $365,674.


Horn, Tammy (Environmental Research Institute). Assessing Bloom/Hive Weight Ratio on Pollinator Sites in Eastern Kentucky. University of Kentucky Research Foundation. $5,000.

Johnson, Gladys (Cooperative Education). Kentucky Work Study Program. Kentucky Higher Education Assistance Authority. $107,794.

Jones, Alice (Environmental Research Institute). "Young Investigator" Travel Award for 2010 National EPSCoR Coalition Meeting. Kentucky Science and Technology Corporation. $959.

Jones, Alice (Environmental Research Institute). Citizens Environmental Concerns and Risk Reduction in Central Appalachia Level II Program. Wheeling Jesuit University. $24,000.

Jones, Alice (Environmental Research Institute). Collaborative Research: A Virtual Observatory and Ecological Informatics (VOEIS) - Montana-Kentucky (MTKY) Cyber Consortium. University of Kentucky Research Foundation. $67,598.


Llewellyn, Donald and Pratt, Bruce (Agriculture). Transition to Biofuel Feedstock Production in Kentucky. Kentucky Agricultural Development Board. $220,000.


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. $55,126.

Martin, Sally (English and Theatre). Expanding our Offerings: Professional Development. National Writing Project. $5,000.


Mooers, Ian (Center for Economic Development, Entrepreneurship, and Technology). Mack Theater Performing Arts Center Feasability and Assessment Study - Irvine, KY. Estill Development Alliance. $3,500.

Mooers, Sandra (University Diversity Office). It Takes a Village to Raise a Child: Governor’s Minority Student College Preparation Program. Kentucky Council on Postsecondary Education. $12,000.


Porter, Diana (Curriculum and Instruction). Adolescent Literacy Coaching Program - Advanced Training for Literacy Coaches. Collaborative Center for Literacy Development. $45,000.

Porter, Diana (Curriculum and Instruction). Literacy in Mathematics. Collaborative Center for Literacy Development. $10,000.


Reed, Tanea (Chemistry). Proteomic Analysis of Oxidatively Modified Glycolytic Proteins in a Novel Down Syndrome Model. Morehead State University. $49,906.


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

Richter, Stephen (Biological Sciences). Amphibian Use of Artificial Ponds: Success Measured by Fitness and Community Composition over Time. Kentucky Academy of Science. $1,200.

Richter, Stephen (Biological Sciences). Growth Rings as Tools to Predict Adapability to Climate Change in Seed Source Tests. USDA Forest Service. $50,236.


Ritchison, Gary (Biological Sciences). Sharp-Shinned Hawks in Kentucky. Kentucky Department of Fish and Wildlife Resources. $7,000.


Salyers, Fran (Curriculum and Instruction). Center for Middle School Academic Achievement. Kentucky Department of Education. $372,000.


Schuster, Guenter (Biological Sciences). Crayfish Survey of Alabama. University of Illinois. $6,000.


Thames, Nancy (College of Education). AmeriCorps Student Service Corps. Kentucky Commission on Community Volunteerism and Service. $312,446.


Thompson, Aaron (Educational Leadership). Interim Vice President for Academic Affairs for the Council on Postsecondary Education. Council on Post-Secondary Education. $148,932.


Waikel, Rebekah (Biological Sciences). Sex Dependent Regulation of miRNA in Cardiac Remodeling. University of Louisville. $97,425.

Waterstrat, Amanda (Biological Sciences). Regulation and Cellular Consequences of Slit2 Expression. Morehead State University. $25,000.
Williams, David (Facilities Services Administration). Recycling Grant Program. Kentucky Division of Waste Management. $7,000.

Wilson, Fe’Lisa (Teacher Admission and Certification). Minority Educator Recruitment and Retention (MERR) Scholarship. Kentucky Department of Education. $100,000.