Proposal Development Workshops

The Office of Sponsored Programs will be presenting Proposal Development – A Blueprint for Funding for Murray State University Faculty and Staff on March 2, 2016 from 12:00 – 1:30 p.m. and March 11, 2016 from 3:00 - 4:30 p.m. in room 304 Applied Science North. This is an excellent opportunity to learn the process of how to target and competitively submit proposal to fund your project and program ideas.

Topics include where to look for funding opportunities, how to select the best funding source and writing tips for a proposal. Seating is limited for both sessions, so you must register for the session that you wish to attend. Please contact John Roark at OSP (3536 or jroark3@murraystate.edu).

John A. Roark, Jr.

OSP Spotlight

Sidney Martin
Kentucky Science & Technology Corporation - KSEF Kentucky Commercialization Fund

Sidney Martin has a powerful idea. Sid, a member of the Institute of Engineering faculty, is the recipient of an award from the Kentucky Science & Technology Corporation’s KSEF KY Commercialization Fund. The $75,000 award will fund work which will improve battery performance used in electronic portable devices such as smartphones, laptops, electronic devices, wearable devices and clothing. These new batteries and their packaging are ideal for integration into the Internet of Things (IOT) product family. Initially, the battery will be enhanced so that it performs well within a wide range of weather environments. With these anticipated new developments it is expected that the battery design can be incorporated into wearable electronic enhanced clothing. This clothing will be part of the future IOT environment. The battery will be protected by a unique protection process to enhance battery performance when exposed to the weather and harsh environments.

This new approach to battery packaging will allow power delivery for portable devices to meet the anticipated power adaptability requirements of future electronic devices. Portable devices will evolve in the next 30 years to have different power requirements. As electronic devices begin to be incorporated into our clothing technology will penetrate even further into our every day lives. Enhanced battery design will change the look we currently expect of the battery packaging. This new packaging style will allow the battery to remain fixed in shaped but provide new methods for incorporating batteries into wearable electronics and clothing. Future enhancements will enclose the battery in such a way that the battery package is flexible but exposure to the elements and harsh environments will not hurt the power delivery performance.
**CONGRATULATIONS to our Grant Awardees**

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Project Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raymond Sims</td>
<td>Adolescent, Career and Special Education</td>
<td>Kentucky Department of Education, Minority Educator Recruitment and Retention FY 16,</td>
<td>$92,500</td>
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<tr>
<td>Tony Brannon</td>
<td>Agriculture</td>
<td>Kentucky Department of Agriculture, Field Day 2015, $5,000; Kentucky Soybean Board, Soybean Promotion Day, $18,000</td>
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<tr>
<td>Loretta Maldaner</td>
<td>AHEC, University of Louisville Research</td>
<td>Model State Supported AHEC 15-16, $78,750</td>
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<tr>
<td>Alexey Arkov</td>
<td>Biological Sciences</td>
<td>Kentucky Biomedical Research Infrastructure Network, Role of Conserved Germ Granule Protein Components in Germline Development, $65,212</td>
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<tr>
<td>Oliver Beckers</td>
<td>Biological Sciences</td>
<td>University of Missouri, Evolutionary Origins of Female Katydid preferences for Specific Characteristics of Male Vocalizations, $5,300</td>
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<td>Terry Derting</td>
<td>Biological Sciences</td>
<td>US Forest Service, Five-Year Mist Net and Acoustic Survey for Bats at Land Between the Lakes, $4,000</td>
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<td>Deborah Reed</td>
<td>Breathitt Veterinary Center</td>
<td>US Department of Agriculture, Scrapie Surveillance, $26,800;</td>
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<tr>
<td>US Department of Agriculture, NAHLN-KY, $55,000</td>
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<tr>
<td>Daniel Johnson</td>
<td>Chemistry</td>
<td>Kentucky Biomedical Research Infrastructure, Electrochemical Applications of Ionomer Membranes, $32,191</td>
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<tr>
<td>George Kipphut</td>
<td>Center for Reservoir Research</td>
<td>US Geological Survey, Cooperative and Collocated Science between the USGS and Murray State University, $25,000</td>
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<tr>
<td>David Allen</td>
<td>Early Childhood and Elementary Education</td>
<td>Kentucky Environmental Education Council, Environmental Education Grant, $363; Kentucky Environmental Education Council, Environmental Education Grant, $1,085</td>
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<tr>
<td>Lynn Patterson</td>
<td>Early Childhood and Elementary Education</td>
<td>Kentucky Department of Education, Supporting Strategies for Building Numeracy in Grades K-3, $191,712</td>
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<td>Martin Milkman</td>
<td>Economics and Finance</td>
<td>Charles Koch Foundation, Enhancing Free Markets, $12,000</td>
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<td>Robert Lyons</td>
<td>Educational Studies</td>
<td>Leadership and Counseling, Kentucky Department of Education, NextGeneration Leadership Fellowship, $45,000</td>
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<tr>
<td>Yuejin Xu</td>
<td>Educational Studies</td>
<td>Leadership and Counseling, National Science Foundation</td>
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<tr>
<td>Paul Walker</td>
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<td>Kentucky Department of Education</td>
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<tr>
<td>Bassil El-Masri</td>
<td>Geosciences</td>
<td>Kentucky Academy of Science; Kentucky Science &amp; Engineering Foundation; KY NASA EPSCoR</td>
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<tr>
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**Grant and Contract Activity**

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<td>National Science Foundation; Kentucky Biomedical Research Infrastructure; National Institutes of Health</td>
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<tr>
<td>Tim Spier</td>
<td>Biological Sciences</td>
<td>Kentucky Academy of Science</td>
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<tr>
<td>Jake Hildebrant</td>
<td>Institute of Engineering</td>
<td>National Science Foundation</td>
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<tr>
<td>Sidney Martin</td>
<td>Institute of Engineering</td>
<td>KSTC</td>
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<tr>
<td>Jennifer Earls</td>
<td>Kentucky Academy of Technology Education</td>
<td>Kentucky Department of Education</td>
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<tr>
<td>Maeve McCarthy</td>
<td>Mathematics</td>
<td>National Science Foundation; National Science Foundation</td>
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<tr>
<td>Tracey Wortham</td>
<td>Occupational Safety and Health</td>
<td>National Institute of Occupational Safety and Health</td>
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</table>
SUBJECT MAILING LISTS
The Office of Sponsored Programs receives notices of funding opportunities daily. We send these opportunities to those faculty and staff who sign up for the mailing lists below. To subscribe to a list please email msu.sponsoredprograms@murraystate.edu. In the email subject line please type the area of your choice from the list above. You are welcome to subscribe to more than one list.

- Arts/Humanities/Social Sciences
- Education
- Health/Mental Health
- Science/Technology/Engineering/Mathematics
- Economic/Community Development
- Agriculture
- Nursing
- International

Funding Opportunities
Those deadlines marked by an asterisk (*) are tentative. In some cases, these are specific dates that may change depending on the timing of the deadline notices and in others, we have listed just the month during which a deadline is expected. Deadlines marked by a double plus sign (++) are target dates. For a program summary please contact John Roark, jroark3@murraystate.edu, (270) 809-3536

**ARTS, HUMANITIES, INTERNATIONAL**

American Historical Association
Research Grants and Fellowships - Apr 01, 2016

American Musicological Society
AMS Subventions for Publications, Awards, and Research and Travel Grants - Apr 01, 2016

ArtPlace America
National Creative Place-Making Grants - Feb 16, 2016

Henry Luce Foundation
Luce Fund in American Art (Exhibitions and Publications) - Apr 01, 2016

Hoover Presidential Library Association
Travel Grant Program - Mar 01, 2016

National Endowment for the Arts
Challenge America - Apr 14, 2016

National Endowment for the Humanities
Awards for Faculty at HBCU, HSI and Tribal College and University Campuses - Apr 14, 2016

Samuel H. Kress Foundation
Kress Fellowships - Apr 01, 2016

Kress Grants - Apr 01, 2016

Truman (Harry S.) Library Institute for National and International Affairs
Research Grants (Graduate Students and Postdoctoral Scholars) - Apr 01, 2016

**EDUCATION, ECONOMICS AND COMMUNITY DEVELOPMENT**

Congressional Hispanic Caucus Institute
Public Policy Fellowships, Congressional Internships, and Scholarships - Feb 05, 2016

Educational Testing Service
Summer Internship Program in Research for Graduate Students - Feb 01, 2016

FINRA Investor Education Foundation
Grant Program -

IBM Center for The Business of Government
Research Stipends - Apr 01, 2016 **
<table>
<thead>
<tr>
<th>Institution</th>
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<tbody>
<tr>
<td>Institute of Museum and Library Services</td>
<td>National Leadership Grants for Libraries - Feb 02, 2016</td>
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<tr>
<td>International Reading Association</td>
<td>Awards and Grants Program - Apr 15, 2016 ++</td>
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<tr>
<td>National Restaurant Association Educational Foundation</td>
<td>Scholarships Program - Feb 09, 2016</td>
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<tr>
<td>Project Management Institute</td>
<td>Project Management Research - Apr 25, 2016</td>
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<tr>
<td>U.S. Department of Education</td>
<td>Unsolicited Grant Opportunities - Mar 08, 2016</td>
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<tr>
<td>National Professional Development Program</td>
<td>-</td>
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<tr>
<td>College Assistance Migrant Program (CAMP)</td>
<td>- Mar 07, 2016</td>
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<tr>
<td>High School Equivalency Program</td>
<td>- Mar 07, 2016</td>
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<tr>
<td>TRIO: Talent Search</td>
<td>- Feb 05, 2016</td>
</tr>
<tr>
<td>U.S. Department of Justice</td>
<td>Drug Court Programs - Feb 08, 2016</td>
</tr>
<tr>
<td>Arrest Program</td>
<td>- Mar 03, 2016</td>
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<tr>
<td>Grants to Enhance Culturally Specific Services for Victims</td>
<td>- Feb 24, 2016</td>
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<tr>
<td>Grants to Reduce Violent Crimes on Campus</td>
<td>- Mar 03, 2016</td>
</tr>
<tr>
<td>Legal Assistance for Victims Grant Program</td>
<td>- Feb 08, 2016</td>
</tr>
</tbody>
</table>

### Health, Mental Health, Nursing

**Agency for Healthcare Research and Quality**
- Individual Postdoctoral Fellowship Awards - Apr 08, 2016

**American Cancer Society**
- Research, Training and Professorship Grants - Apr 01, 2016

**American Diabetes Association**
- Nationwide Research, Development, and Training Awards - Apr 15, 2016

**American Society for Surgery of the Hand**
- Research Grant Opportunities - Apr 04, 2016

**American Speech-Language-Hearing Foundation**
- Research Grants and Graduate Student Scholarships - Apr 25, 2016

**Council on Social Work Education**
- Scholarships and Fellowships - Feb 29, 2016

**Cystic Fibrosis Foundation**
- Research and Training Grants - Apr 01, 2016

**Health Resources and Services Administration**
- Advanced Education Nursing Traineeship Program - Feb 15, 2016

**March of Dimes Birth Defects Foundation**
- Research Grants Program - Apr 30, 2016

**McDonnell Foundation (James S.)**
- Scholar Awards in Complex Systems Science - Mar 18, 2016

### National Institutes of Health


**Kirschstein-NRSA Predoctoral Fellowships to Promote Diversity (F31)** - Apr 13, 2016

**NIH Support for Conferences and Scientific Meetings** - Apr 12, 2016

**Small Business Innovation Research Grant (SBIR) Program** - Apr 05, 2016

**Small Business Technology Transfer (STTR) Program** - Apr 05, 2016

**National Research Service Awards: Individual Senior Fellowships (F33)** - Apr 08, 2016

**Platform Delivery Technologies for Nucleic Acid Therapeutics** - Apr 05, 2016

**Opportunities for Collaborative Research at the NIH Clinical Center** - Apr 11, 2016

**Conference Grants to Advance Collaborative Research on Aging Biology (R13)** - Apr 12, 2016

**Prescription Drug Abuse** - Feb 05, 2016

**Time-Sensitive Obesity Policy and Program Evaluation** - Apr 11, 2016

**Exploratory Clinical Trials for Small Business (R42/44)** - Apr 05, 2016

**Ruth L. Kirschstein National Research Service Award (Parent F33)** - Apr 08, 2016

**Ruth L. Kirschstein NRSA Predoctoral MD/PhD or Other Dual-Doctoral Degree** - Apr 08, 2016

**Development of Novel and Emerging Technologies** - Apr 05, 2016

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For a program summary please contact John Roark, jroark3@murraystate.edu, (270) 809-3536
### National Multiple Sclerosis Society
**MS Funding Opportunities** - Apr 06, 2016 **

### Patient-Centered Outcomes Research Institute
**PCORI Opportunities (Various)** - Feb 01, 2016

### Society for the Psychological Study of Social Issues

### U.S. Department of Defense
**Biological Technologies** - Apr 28, 2016
**DOD USSOCOM Broad Agency Announcement** - Apr 14, 2016

### U.S. Department of Health and Human Services
**Family Planning Services Grants** - Apr 01, 2016

### Science, Technology, Engineering, Mathematics, Agriculture

#### American Astronomical Society
**Chrétien International Research Grants** - Apr 01, 2016

#### Carnegie Institution of Washington
**Summer Intern Program in Geoscience** - Feb 29, 2016

#### Fred C. Gloeckner Foundation
**Grant Program** - Apr 01, 2016

#### National Aeronautics and Space Administration
**Experimental Program to Stimulate Competitive Research (EPSCoR)** - Mar 18, 2016
**Research Opportunities in Space and Earth Sciences (ROSES)** - Apr 2016 **

#### National Science Foundation
**Dimensions of Biodiversity** - Mar 17, 2016
**NSF-CBMS Regional Research Conferences in the Mathematical Sciences** - Apr 29, 2016
**Centers of Research Excellence (CREST) and HBCU Research Infrastructure** - Apr 07, 2016
**Communications, Circuits, and Sensing-Systems (CCSS)** - Apr 01, 2016
**Electronics, Photonics, and Magnetic Devices (EPMD)** - Apr 01, 2016
**Energy, Power, Control, and Networks (EPCN)** - Apr 01, 2016
**Conferences, Workshops, and Special Meetings in Mathematical Sciences** - Apr 2016
**Antarctic Research** - Apr 15, 2016
** Perception, Action, and Cognition** - Feb 01, 2016
** Semiconductor Research Corporation**
** Fellowships and Scholarships** - Feb 03, 2016
** Smithsonian Institution**
** Smithsonian Opportunities for Research and Study** - Apr 15, 2016 **

#### U.S. Department of Agriculture
**Biotechnology Risk Assessment Research Grants (BRAG)** - Apr 15, 2016
**Food, Agriculture, Natural Resources and Human Sciences Ed & Literacy Initiative** - Feb 11, 2016
**Hispanic-Serving Institutions (HSLs) Education Grants Program** - Feb 09, 2016

#### U.S. Environmental Protection Agency
**Great Lakes Restoration Initiative (GLRI)** - Feb 02, 2016

#### U.S. Department of Commerce
**Precision Measurement Grants Program** - Feb 02, 2016
**Environmental Literacy Grants** - Feb 08, 2016

#### U.S. Department of Defense
**Army Educational Outreach Program Apprenticeships** - Mar 2016 **

#### U.S. Department of Energy
**Joint Genomic Institute** - Apr 04, 2016

#### U.S. Department of Justice
**Forensic Research and Development** - Feb 01, 2016

#### U.S. Department of the Interior
**Endangered Species Program** - Mar 18, 2016
**Wildlife Without Borders - Species, Regional, and Global Programs** - Apr 01, 2016

#### U.S. Department of Transportation
**Transit Cooperative Research Program** - Feb 2016

#### Whitehall Foundation

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**Funding Opportunities Continued…**

For a program summary please contact John Roark, jroark3@murraystate.edu, (270) 809-3536
How we serve YOU!

FUNDING OPPORTUNITY DATABASES

**SPIN/SMARTS**  SPIN is a database of funding opportunities which can be accessed as a funding opportunity search engine. The link can be found on the OSP website in the Funding Opportunity section. SMARTS is a central location for the researcher to house their curriculum vitae details in the form of a profile created by the researcher. Through the profile, the researcher also has access to email updates of funding opportunities tailored to their work. To set up a profile or to update a profile contact access the user guide on the OSP website in the Funding Opportunities page.

**Grant Resource Center** provides a funding opportunity database that includes private and federal announcements. A link to the Grant Search database is located in the Funding Opportunities section on the OSP website. To obtain the username and password required to access the database email msu.sponsoredprograms@murraystate.edu.

*If you:*

- need assistance in developing an idea
- need assistance in determining a funder
- would like to submit a proposal
- would appreciate a review of your proposal
- need assistance in preparing a budget
- have questions about external funding

*Contact The Office of Sponsored Programs, we are here to provide FULL service for YOU!*

John A. Roark, Jr., J.D.  Director  
jroark3@murraystate.edu

Kristi Stockdale  Grants Manager/IACUC Coordinator  
Kstockdale@murraystate.edu

328 Wells Hall, Murray, KY 42071  
Phone (270) 809-5336  Fax (270) 809-3535  
http://www.murraystate.edu/SponsoredPrograms