A Word from the Director

Thank you to all who attended the Budget Workshop on March 14! Wendy Cain and Kristi Stockdale gave us some really good information as well as excellent templates. We will be posting the handouts on our website under Workshop/Training. Our website is being updated with new material being added every week. I would urge you to check out the website! Go to www.murraystate.edu, click on Office located in the header, then scroll down until you find Sponsored Programs.

If you are considering seeking funding for a project please contact Sponsored Programs. We can help! If your College or Department would like to have a targeted workshop, please let us know. Assistance is just a phone call away.

John A. Roark, Jr.

Upcoming Events

Kentucky to Host 2012 NIH SBIR/STTR Conference—May 30-June 1, 2012

The Kentucky Science and Technology Corporation (KSTC) announced that the Commonwealth of Kentucky will host the 2012 National Institutes of Health (NIH) Small Business Innovation Research (SBIR) and Small Business Technology Transfer Research (STTR) Conference. This is the first time Kentucky has hosted the NIH SBIR/STTR Conference. The Conference, to be held May 30-June 1, 2012 in Louisville, will attract about 600 small businesses and entrepreneurs. A majority of the NIH institutes and the Food and Drug Administration (FDA) will participate in the Conference in Kentucky. This Conference, therefore, will be a unique opportunity to meet one-on-one with NIH institute representatives to ask questions and get clarifications and to receive the latest information on the NIH SBIR and STTR programs that fund new and existing growth-driven technology companies. The conference will include sessions for new participants of the SBIR?STTR programs as well as for those more experienced. Visit http://nih.kysbir.com for information on registration, accommodations, and agenda.

Regional Outreach Grant Writing Workshop—April 27, 2012

MSU Regional Outreach will host a Grant Writing Workshop, “Increasing your Grant Seeking Competitiveness” on April 27, 2012. The event will be held in the Curris Center Barkley Room from 10:00 a.m. until 3:00 p.m. The workshop will be addressing how to match grant needs with funding interests. Assistance will also be provided on creating a proposal for submission to a perspective funding source. Register now at www.murraystate.edu/outreach. Please contact Holly Pritchard at hpritchard@murraystate.edu or call Regional Outreach at (270) 809-5088 with questions.
CONGRATULATIONS to our Grant Awardees

Paul Gagnon, Biology, National Science Foundation, Collaborative Research: Diversity, Dominance and Disturbance in Species-Rich Pine Savannah Groundcover, $49,814
Chris Trzepacz, Biology, Kentucky Academy of Science, Assessment of Neurodegeneration in a Novel C. Ellegans Model of Tauopathy, $5,000
David White, Biology, UKRF/National Science Foundation, Collaborative: EPSCoR II Proposal between Montana and Kentucky, $217,225
Wade Northington, Breathitt Veterinary Center, Kentucky Department of Agriculture, MSU BSE 2012, $7,200
Kevin Revell, Chemistry, Kentucky Space Grant Consortium, An-thraquinone/Due Conjugates as Acceptor Materials for the Ultra-lightweight Photovoltaic Arrays, $14,314
Joe Baust, Early Childhood and Elementary Education, Council on Post-Secondary Education, Center for Environmental Education Sustainability, $25,000
Renee Campoy, Education, Council on Post-Secondary Education, Murray State University's Connect to College Pilot, $25,000
Jack Rose, Education, Leadership, Counseling, Eastern Kentucky University, Kentucky Center for School Safety, $5,400
Yuejin Xu, Education, Council on Post-Secondary Education, Developing Standards Based on Digital Content for Next Generation Learning, $90,000
Paul Walker, English, Kentucky Department of Education, Purchase Area Writing Project, $44,861
Haluk Cetin, Geosciences, Kentucky-View, Development of Remote Sensing Laboratory Activities, $3,500
Amanda Keen-Zebert, Geosciences, Texas State University, Luminescence Prep Work, $13,000
George Kipphut, Geosciences, U.S. Geological Survey, Cooperative and Collocated Science between the USGS and Murray State University, $25,000
Wm Gross Magee, Journalism and Mass Communications, Gravure Education Foundation, Gravure Resource Grant, $1,600
Alex Leedy, Engineering and Physics, Kentucky Space Grant Consortium, Autonomous Information Gathering Robot, $7,194
Amber Schaudt, Office of the President, North Carolina Campus Compact, $500
Loretta Daniel, Regional Business & Innovation Center, Kentucky Science and Technology Corporation, Western Regional Center for Emerging Technology ICC Program, $176,800
Chris Wouldridge, Small Business Development Center, Kentucky Small Business Development Center, MSU SBDC 2011-2012, $42,000
Renae Duncan, Office of Vice President for Academic Affairs, Council on Post-Secondary Education, SB-1 Murray State University, $50,000
Kate Lochte, WKMS, Corporation for Public Broadcasting, Rural Support Grant FY 2012, $139,315
Kate Reeves, Wrather Museum, Kentucky Humanities Council, Journey Stories, $1,500

Submitted Grants in Progress

Judy Payne, Adolescent Career and Special Education, Kentucky Department for Technical Education (2 submissions)
David Ferguson, Agriculture, Kentucky Soybean Board
Terry Derting, Biology, National Science Foundation
Kate He, Biology, U.S. Department of Agriculture
Wade Northington, BVC, Kentucky Department of Agriculture
Lana Jennings, Community College, Kentucky Cabinet for Families and Children
Rachel Allenbaugh, Chemistry, National Science Foundation
Scott Brown, Chemistry, American Chemical Society
Bommanna Loganathan, Chemistry, Savannah State University
Tina Bernot, Office of Development, Kentucky Humanities Council
Jacqueline Hanson, Early Childhood and Elementary Education, University of Kentucky Research Foundation

Loretta Daniel, Regional Business Innovation Center, Memphis Bioworks, Western Kentucky University, Southeast Missouri State University, Economics Development Administration, Tennessee Valley Authority, U.S. Department of Agriculture, Kentucky Energy and Environment Cabinet
Caroline Crump, Training Resource Center, Eastern Kentucky University
James Gantt, Telecommunication Systems Management, Kentucky Science and Technology Corporation
Jody Cofer, Office of Vice President of Academic Affairs, JustFundKY
Jennifer Caldwell, Office of Vice President of Student Affairs, U.S. Department of Education
Kate Lochte, WKMS, Corporation for Public Broadcasting
Howard Whiteman, Watershed Institute, University of Kentucky Research Foundation
Funding Opportunities

For a program summary please contact Wendy Wilson, wwilson17@murraystate.edu, (270)809-3537

**Arts, Humanities, and Community**

- CEC Arts Link, ArtsLink Exchange Program, Due June 1, 2012
- Consortium of College and University Media Centers, Donald A. Rieck Research Grant, Due June 1, 2012
- Hagley Museum and Library, Fellowship Programs, Due June 30, 2012
- National Archives and Records Administration, Grant Programs, Due June 7, 2012
- National Trust for Historic Preservation, National Trust Preservation Fund, Due June 1, 2012
- Open Society Institute, Academic Fellowship Program, Due May 10, 2012
- U.S. Department of State, American Youth Leadership Program, Due April 13, 2012
- U.S. Department of State, Capacity Building Program for U.S. Undergraduate Study Abroad, Due April 20, 2012
- Weill (Kurt) Foundation for Music, Grants Program, Due June 1, 2012

**Education, Economics, and Community Development**

- Herb Block Foundation, Grant Programs, Due June 5, 2012
- Longview Foundation, Grants Program, Due June 14, 2012
- National Education Association Foundation, NEA Foundation Grants, Due June 1, 2012
- U.S. Department of Commerce, Rural Jobs and Innovation Accelerator Challenge, Due May 20, 2012
- U.S. Department of Education, Cognition and Student Learning, Due June 21, 2012
- U.S. Department of Education, Education Technology, Due June 21, 2012
- U.S. Department of Education, Effective Teachers and Effective Teaching, Due June 21, 2012
- U.S. Department of Education, English Learners, Due June 21, 2012
- U.S. Department of Education, Reading and Writing Education Research, Due June 21, 2012
- U.S. Department of Education, Investing in Innovation (I3) Program, Due April 9, 2012
- U.S. Department of Education, Fulbright-Hays: Group Projects Abroad, Due April 23, 2012
- U.S. Department of Justice, Victim Assistance Professional Development Fellowship Program, Due May 1, 2012
- U.S. Department of Justice, OVW Technical Assistance Program, Due April 17, 2012
- U.S. Department of Labor, Serving Young Adult Ex-Offenders through Training and Service-Learning, Due April 17, 2012
- U.S. Department of Labor, Trade Adjustment Assistance Community College and Career Training Grants, Due May 24, 2012

**Health, Mental Health, and Nursing**

- Agency for Healthcare Research and Quality, Health Services Research Project, Due June 5, 2012
- Agency for Healthcare Research and Quality, Improving Health Care Quality through Health Information Technology, Due June 16, 2012
- Agency for Healthcare Research and Quality, Infrastructure Development Program in Patient Centered Outcomes Research, Due June 19, 2012
- Agency for Healthcare Research and Quality, Mentored Career Enhancement Award in Patient Centered Outcomes Research, Due May 2, 2012
- Agency for Healthcare Research and Quality, Small Research Grant Program, Due June 16, 2012
- American Academy of Family Physicians, Joint Grants, Research Simulation Awards, Visiting Professorships, Due June 1, 2012
- Center for Disease Control and Prevention, NIOSH Exploratory/Developmental Grant Program, Due June 16, 2012
- Center for Disease Control and Prevention, NIOSH Mentored Research Scientist Development Award, Due June 16, 2012
- Center for Disease Control and Prevention, Occupational Safety and Health, Due June 5, 2012
Center for Disease Control and Prevention, Small Grants in Occupational Safety and Health Research, Due June 16, 2012
Damon Runyon Cancer Research Foundation, Postdoctoral Fellowship Awards, Due June 1, 2012
Gerber Foundation, Research Grants, Due June 1, 2012
Health Resources and Services Administration, Nurse Faculty Loan Program, Due April 20, 2012
Health Resources and Services Administration, Telehealth Network Grant Program, Due April 13, 2012
Health Resources and Services Administration, Telehealth Resource Center, Due April 20, 2012
Muscular Dystrophy Association, Research and Development Grants, Due June 15, 2012
National Institutes of Health, Academic Research Enhancement Award (AREA), Due June 25, 2012
National Institutes of Health, NIH Pathway to Independence Award, Due June 12, 2012
National Institutes of Health, Research on Ethical Issues in Biomedical, Social, and Behavioral Research, Due June 5, 2012
National Institutes of Health, Behavioral Interventions to Address Multiple Health Conditions in Primary Care, Due June 5, 2012
National Institutes of Health, Systems Science and Health in the Behavioral and Social Sciences, Due June 5, 2012
National Institutes of Health, NCRR Science Education Partnership Award (SEPA), Due June 22, 2012
National Institutes of Health, Biology of Manual Therapies, Due June 5, 2012
National Institutes of Health, Basic Cancer Research in Cancer Health Disparities, Due June 20, 2012
National Institutes of Health, Diet, Epigenetic Events, and Cancer Prevention, Due June 5, 2012
National Institutes of Health, Effect of Racial and Ethnic Discrimination/Bias on Health Care Delivery, Due June 5, 2012
National Institutes of Health, Epigenetic Approaches in Cancer Epidemiology, Due June 5, 2012
National Institutes of Health, Improving Diet and Physical Activity Assessment, Due June 16, 2012
National Institutes of Health, Obesity Policy Research: Evaluation and Measures, Due June 5, 2012
National Institutes of Health, Spatial Uncertainty: Data, Modeling, and Communication, Due June 5, 2012
National Institutes of Health, Eye Research, Due June 5, 2012
National Institutes of Health, Ethical, Legal, and Social Implications (ELSI) of Genomic Research, Due June 16, 2012
National Institutes of Health, NHGRI: Social and Behavioral Research, Due June 5, 2012
National Institutes of Health, Effects of Secondhand Smoke on Cardiovascular and Pulmonary Diseases, Due June 5, 2012
National Institutes of Health, Nutrition and Physical Activity Research to Promote Cardio and Pulmonary Health, Due June 5, 2012
National Institutes of Health, Virtual Reality Technologies for Research and Education in Obesity and Diabetes, Due June 5, 2012
National Institutes of Health, Behavioral and Social Research on Aging, Due June 5, 2012
National Institutes of Health, Critical Illness and Injury in Aging, Due June 5, 2012
National Institutes of Health, Economics of Retirement, Due June 5, 2012
National Institutes of Health, Family and Interpersonal Relationships in an Aging Context, Due June 5, 2012
National Institutes of Health, Implications of the Economic Downturn for Health, Wealth, and Work at Older Ages, Due June 5, 2012
National Institutes of Health, Network/Infrastructure Support for Development of Interdisciplinary Aging Research, Due May 25, 2012
National Institutes of Health, Social and Behavioral Research on the Elderly in Disasters, Due June 5, 2012
National Institutes of Health, Social Neuroscience and Neuroeconomics of Aging, Due June 5, 2012
National Institutes of Health, Translational Research to Help Older Adults Maintain Health/Independence, Due June 5, 2012
National Institutes of Health, Understanding and Promoting Health Literacy, Due June 5, 2012
National Institutes of Health, Alcohol Marketing and Youth Drinking, Due June 5, 2012
National Institutes of Health, Alcohol Use Disorders: Treatment, Services Research and Recovery, Due June 5, 2012
National Institutes of Health, Clinically Relevant Comparative Effectiveness of Alcoholism Treatments, Due June 5, 2012
National Institutes of Health, Effects of Adolescent Binge Drinking on Brain Development, Due June 5, 2012
National Institutes of Health, Epidemiology and Prevention in Alcohol Research, Due June 5, 2012
National Institutes of Health, Nutrition and Alcohol-Related Health Outcomes, Due June 5, 2012
National Institutes of Health, Research on Alcohol-Related Public Policies, Due June 5, 2012
National Institutes of Health, Screening and Brief Alcohol Intervention in Underage and Young Adult Populations, Due June 5, 2012
National Institutes of Health, Strategies for Treatment of Young Adults with Alcohol Use Disorders, Due June 5, 2012
National Institutes of Health, Social Neuroscience and Neuroeconomics of Aging, Due June 5, 2012

For a program summary please contact Wendy Wilson, wwilson17@murraystate.edu, (270)809-3537
### Funding Opportunities

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**Science, Technology, Engineering, Mathematics, Agriculture**

American Astronomical Society, International Travel Grants, Due June 1, 2012

Dreyfus Foundation, Special Grant Program in the Chemical Sciences, Due June 4, 2012

Environmental Research and Education Foundation, Grants Program, Due May 21, 2012

Environmental Research and Education Foundation, Scholarship Program, Due May 8, 2012

National Fish and Wildlife Foundation, Keystone Initiative Grants, Due June 1, 2012

National Science Foundation, Creative Research Awards for Transformative Interdisciplinary Ventures (CREATIV), Due June 15, 2012

National Science Foundation, Innovation Corps (I-Corps) Program, Due June 15, 2012

National Science Foundation, Research Coordination Networks (RCN), Due June 15, 2012
Funding Opportunities

For a program summary please contact Wendy Wilson, wwilson17@murraystate.edu, (270)809-3537

National Science Foundation, Research Experiences for Undergraduates (REU), Due June 1, 2012
National Science Foundation, Research in Disabilities Education (RDE), Due June 1, 2012
National Science Foundation, Industry/University Cooperative Research Centers Program (I/UCRC), Due June 26, 2012
National Science Foundation, Geophysics, Due June 5, 2012
National Science Foundation, Hydrologic Sciences, Due June 1, 2012
National Science Foundation, Workforce Program in Mathematical Sciences, Due June 15, 2012
National Science Foundation, Mentoring Through Critical Transition Points in the Mathematical Sciences, Due June 5, 2012
National Science Foundation, Antarctic Research, Due May 31, 2012
U.S. Department of Commerce, Economic Development Assistance Programs, Due June 8, 2012
U.S. Department of Energy, CON-NNECT, Due June 1, 2012
U.S. Department of Justice, Data Resources Program: Analysis of Existing Data, Due May 17, 2012
U.S. Department of Justice, Forensic Research and Development, Due April 20, 2012
U.S. Department of Justice, NIJ Science and Technology Initiatives, Due April 23, 2012
U.S. Environmental Protection Agency, Pollution Prevention (P2) Grant Program, Due April 24, 2012

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.
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328 Wells Hall
Murray, KY 42071
This session at International Congress on Industrial and Applied Mathematics (ICIAM) 2011 in Vancouver, Canada highlighted applications in ecology, biology, and medicine that involve interdisciplinary work among mathematicians, biologists, medical professionals, chemists, and computer scientists. Renee Fister from Murray State University organized the mini-symposium with Society of Mathematical Biology (SMB) members as speakers. Kristin Swanson from the University of Washington discussed her group’s new insights about relationships between specific parameter values and imaging results that can aid in locating brain tumors earlier. Michael Mackey from McGill University discussed the connection with populations of cells in the presence of noise arising from either bursting transcription or translation. He has recently worked with colleagues in connecting these results with similar concepts found in blood disorders and cancer. Maeve McCarthy from Murray State University provided a mathematical model that describes cannibalism dynamics in adult tiger salamanders studied in the Mexican Cut preserve in Colorado. Gerda de Vries focused on the importance of communication in animal groups and provided graphical scenarios of the patterns that develop in these directed-dependent processes.

Two interesting aspects of this mini-symposium occurred. One is that Maeve McCarthy’s talk title, Inter-morph Cannibalism amongst Tiger Salamanders, was voted as the most interesting talk title of the conference. Additionally, this session was chosen by Society for Industrial Applied Mathematics (SIAM) to be highlighted with video recordings and brief speaker interview. The final video clips will be promoted on the SIAM website, on SIAM’s social media pages, and on their YouTube channel. Stay tuned for those to appear in the next few weeks!

A portion of the project was funded through the Biology and Mathematics in Population Studies (BioMAPS) II provided by the National Science Foundation Interdisciplinary Training for Undergraduate in Biological and Mathematical Sciences (UBM) Program. Murray State University’s Office of Sponsored Programs is proud to work with Dr. Fister and Dr. McCarthy in their efforts toward external funding!
How we service YOU!

SUBJECT MAILING LISTS

Murray State University Office of Sponsored Programs is always looking for ways to better serve you. It is important to us that you receive information regarding external funding that is relevant to you. Therefore, we would like to provide subject mailing lists to those that are interested. The mailing lists are divided up into subject areas to ensure you are receiving information about opportunities that apply to your work.

- Arts-Humanities
- Education
- Health-Mental Health
- Science, Technology, Engineering, Mathematics
- Economic-Community Development
- Agriculture
- Nursing

To subscribe to a list please email Wendy Wilson at wwilson17@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.

FUNDING OPPORTUNITY DATABASES

Info Ed/SPIN

InfoEd is a software provider to support Research Administration electronically. How can this help you? There are two services provided by InfoEd that can benefit the researchers.

SPIN, is the world’s largest database of funding opportunities. This database can be accessed as a funding opportunity search engine. The link can be found on the OSP website in the Funding Opportunity section.

GENIUS is a central location for the researcher to house their curriculum vitae details. This takes 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 Wendy Wilson at wwilson17@murraystate.edu or access the user guide on the OSP website in the Funding Opportunities page.

GRC

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 contact Wendy Wilson at wwilson17@murraystate.edu.