

## *WSU Raised the Bar Again for External Funding in 2012*

Wright State University faculty and staff recorded its highest numbers of awards for a combined total of \$100,159,910 for Fiscal Year 2012 (comparison with FY2011 does not include Stimulus awards). A breakdown by campus area is illustrated below.

While the number of proposals sub-

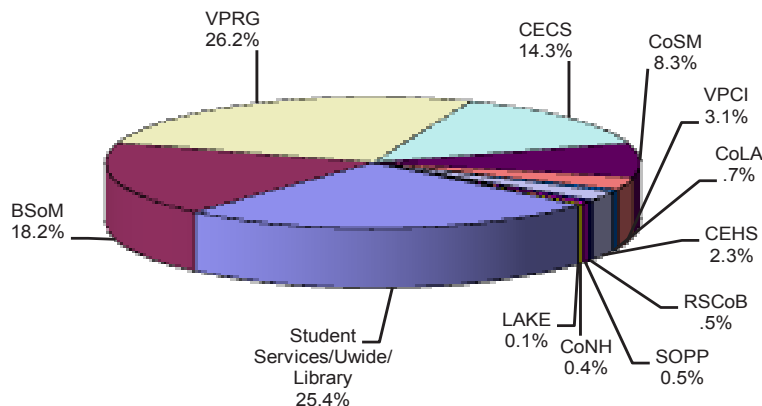
mitted to external sponsors (843) decreased from the previous year, there was a 1.3% increase in the number of awards (608) received, as well as an overwhelming 14% increase over FY2011 in the total amount awarded (FY2011 = 600 awards, \$86,085,644).

Research and Sponsored Programs would like to commend all WSU faculty and staff for their efforts to secure external funding for their endeavors.

Our office is here to offer support and assistance to any WSU faculty or staff with locating funding opportunities and the proposal submission process. If you have an idea or project for which you need external funding, or if you were turned down for funding, stop by our office suite at 201J University Hall to discuss your ideas and learn about how our office can help you match your interests with possible funding sources, or help you to revise and resubmit to the same or other sponsors. Please also visit our web site ([www.wright.edu/rsp](http://www.wright.edu/rsp)) for information about the services we offer.

For a complete breakdown of WSU's FY2012 funding (amounts, categories, sources, etc.) visit the RSP web site under the *Office Information* link for the FY12 Funding Data PowerPoint presentation.

**Awards by Campus Area FY12**



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# Notes from the AVP:

## New Federal Financial Disclosure Requirements for Investigators

As the recipient of funding from the Public Health Service (PHS), Wright State University is obligated to abide by numerous federal regulations--among these are rules governing the use of human subjects in research, animal welfare, biosafety, Responsible Conduct of Research, and financial conflict of interest. The latter regulation has most recently been updated and includes a whole host of new compliance requirements for PHS researchers. In the course of reviewing WSU's policy on financial conflict of interest to comply with these new regulations, a number of changes have been made that I would like to bring to your attention.

The WSU Faculty Senate approved the new "Research Conflict of Interest and Financial Disclosure Policy" in the Spring quarter of 2012. The updated Wright Way Policy no. 1107 is available online at: <http://www.wright.edu/wrightway/1107>.

While most of the revisions impact WSU researchers as a whole, there are specific requirements for "investigators" who are involved in the design, conduct, and reporting of research funded by the PHS (this includes funding from the National Institutes of Health [NIH] and the Substance Abuse Mental Health Services Agency [SAMHSA]). Those investigators are required to disclose their significant financial interests related to their institutional responsibilities prior to submitting an application for funding to the PHS. In addition, investigators must complete the University's Financial Conflict of Interest training requirements prior to engaging in research related to the PHS-funded grant or contract and again at least every four years, and immediately under the designated circumstances; i.e., policy changes that affect investigator requirements; an investigator new to the University; in the event an investigator is noncompliant with the policy. WSU currently requires that PHS investigators complete the CITI module on "Conflicts of Interest and Commitment" and a slide presentation on "Financial Conflicts of Interest in Research."

PHS investigators are also required to disclose sponsored or reimbursed travel provided by an outside entity. Note: travel reimbursed through WSU or by a federal, state or local government agency, institution of higher education, or academic teaching hospital or medical center affiliated with an institution of higher education is excluded. And, finally, sub-contractors and consultants supported by PHS funding are also required to certify that they either have their own compliant policy or will abide by the WSU policy.

As you can see, the new regulations are complex and offer a number of exceptions and exclusions. In order for RSP to flush out those exceptions and exclusions, we rely on our investigators to provide timely and thorough disclosures. We have begun the annual financial disclosure process for all investigators, and the RSP Pre-Award staff members are including "transactional" disclosure forms in the red folders that are used when routing proposals. The transactional forms are provided to give Principal Investigators the opportunity to list all active researchers on the projects. RSP can then follow up with any of those individuals who may still need to provide an annual form and/or may have a positive financial disclosure.

This has been a heavily paper-intensive process thus far, but we anticipate a significant improvement in the disclosure process once the InfoEd module for "Conflict of Interest" is implemented. We thank those investigators who have thus far provided their disclosures and completed their training requirements. Links to training materials, disclosure forms, and other guidance are available at the following website:

<http://www.wright.edu/rsp/coi.html>.

If you have any questions or need clarification regarding the revised policy or specific PHS regulations, please feel free to contact me at ext. 2709 or by e-mail at [ellen.friese@wright.edu](mailto:ellen.friese@wright.edu).

*Ellen*

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November 6, 2012

Dear Colleagues:

Wright State University requires that all proposals for funding by external agencies go through an internal routing process prior to submission of the proposal. Historically, Research and Sponsored Programs (RSP) has requested that all proposals be ready for the internal routing five days before the deadline to allow for this process. To assist researchers with this time constraint, we do proceed with the internal routing with a final budget, budget justification, and abstract, which allows the routing to proceed while the researcher completes the other required elements of the proposal. Although the proposal routing process is supposed to be completed prior to submission of the proposal, RSP has never held up the submission of a proposal if the internal routing has not been completed by the deadline time.

Unfortunately, we are seeing more and more last minute submissions where RSP does not have enough time to complete the internal routing prior to submission. This routing procedure is very important because it gives all stakeholders an opportunity to review the budgetary and time effort commitments in the proposal. We do understand that everyone is very busy and has multiple deadlines to meet, but in order to ensure that all proposals receive the proper internal authorizations and meet the sponsor's deadline, we want to advise you of the following internal deadline guidelines:

**5 business days prior to submission deadline RSP must receive:**

- The final budget (both requested and cost share), budget justification, and abstract

**2 business days prior to the submission deadline:**

- The complete proposal ready for submission is due at RSP

These guidelines will allow for the internal routing procedure to take place; provide for a proper review of the proposal before submission; and allow time for any necessary changes that may need to take place prior to submission or corrections after submission required by an electronic submission system. Please note that electronic submission systems such as Grants.gov do NOT allow corrections AFTER the submission deadline.

While RSP will always do its best to get every proposal submitted by the sponsor's deadline, a PI is putting timely submission of his/her proposal in jeopardy when the proposal gets to RSP later than the deadlines specified above. RSP will not be held responsible for submitting a proposal to the sponsor on time if the PI does not meet the established internal deadlines.

In addition to risking a missed sponsor deadline, proposals that miss the internal RSP deadline interrupt the submission of proposals that have arrived in RSP on time. Late submissions threaten not only the proposal itself but also the proposals of colleagues. For this reason, RSP staff will give priority to those proposals that have been submitted on time and will not let late-arriving proposals affect the review and submission of on-time proposals.

I want to stress that the RSP staff will continue to work diligently with everyone to get their proposals in on time. We understand that unusual situations do arise, but the purpose of these guidelines is to assist us in ensuring that everyone's proposal will be able to complete the internal routing procedure and be submitted on time.

Sincerely,

Robert E. W. Fyffe, Ph.D.  
Vice President for Research

Note: The University's new "Research Conflict of Interest and Financial Disclosure" Policy requires that PIs submit required disclosure forms at the time of proposal submission.

# RSP WORKSHOP SCHEDULE – SPRING 2013

FOR MORE DETAILS, CONTACT DEBORAH LUNDIN AT EXT 2423 OR [DEBORAH.LUNDIN@WRIGHT.EDU](mailto:DEBORAH.LUNDIN@WRIGHT.EDU)

<b>TOPIC</b>	<b>WORKSHOP DATE</b>	<b>WORKSHOP TIME</b>	<b>WORKSHOP LOCATION</b>	<b>REGISTRATION DEADLINE</b>
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<b>FUNDING OPPORTUNITIES</b>	<b>WEDNESDAY JANUARY 30</b>	<b>2:00 – 3:00</b>	<b>016 LIBRARY ANNEX</b>	<b>MONDAY JANUARY 30</b>
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IN THIS HANDS-ON WORKSHOP, YOU WILL LEARN TO NAVIGATE ELECTRONIC DATABASES (SUCH AS SPIN AND GRANTS.GOV) AND LEARN VARIOUS TECHNIQUES FOR PERFORMING FUNDING SEARCHES.

<b>PROPOSAL DEVELOPMENT &amp; WRITING 101</b>	<b>THURSDAY FEBRUARY 14</b>	<b>10:30 – 12:00</b>	<b>E156 B/C STUDENT UNION</b>	<b>TUESDAY FEBRUARY 12</b>
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THIS LECTURE-STYLE TRAINING WALKS NOVICE GRANT WRITERS THROUGH THE GRANT WRITING PROCESS, COVERING THE BASIC NARRATIVE COMPONENTS, WRITING TIPS, AND BUDGET PREPARATION.

<b>FUNDING OPPORTUNITIES</b>	<b>MONDAY FEBRUARY 18</b>	<b>9:30 – 10:30</b>	<b>012 LIBRARY ANNEX</b>	<b>FRIDAY FEBRUARY 15</b>
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IN THIS HANDS-ON WORKSHOP, YOU WILL LEARN TO NAVIGATE ELECTRONIC DATABASES (SUCH AS SPIN AND GRANTS.GOV) AND LEARN VARIOUS TECHNIQUES FOR PERFORMING FUNDING SEARCHES.

<b>BUDGET DEVELOPMENT/ BUDGET JUSTIFICATION</b>	<b>THURSDAY MARCH 28</b>	<b>1:30 – 3:00</b>	<b>E156 B/C STUDENT UNION</b>	<b>TUESDAY MARCH 26</b>
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THIS INTERACTIVE/LECTURE-STYLE WORKSHOP WILL PROVIDE MORE IN-DEPTH INFORMATION REGARDING PROJECT BUDGET AND JUSTIFICATION DEVELOPMENT, TAKING INTO ACCOUNT FEDERAL, STATE, AND INSTITUTIONAL POLICIES. BRING YOUR CALCULATORS!

<b>FUNDING OPPORTUNITIES</b>	<b>WEDNESDAY APRIL 3</b>	<b>2:00 – 3:00</b>	<b>012 LIBRARY ANNEX</b>	<b>MONDAY APRIL 1</b>
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IN THIS HANDS-ON WORKSHOP, YOU WILL LEARN TO NAVIGATE ELECTRONIC DATABASES (SUCH AS SPIN AND GRANTS.GOV) AND LEARN VARIOUS TECHNIQUES FOR PERFORMING FUNDING SEARCHES.

## Environmental Health and Safety (EHS) NEWS

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### *Ohio Department of Health (ODH) to Inspect Radiation Labs*

Researchers who use radioactive materials should expect a campus-wide inspection by the Ohio Department of Health during the first quarter of 2013. The inspector will perform a thorough review of the Radiation Safety Program based on the conditions established within Wright State's license to use radioactive materials and in accordance with Ohio Administrative Code 3701:1-38 and 3701:1-40. The inspection includes both administrative processes and laboratory inspections.

Authorized users with active protocols should ensure all conditions of the Radiation Safety Program are applied by all personnel who work in posted radioactive use laboratories. You and lab personnel should be familiar with information found in chapters 1-2 of the Radiation Safety manual.

Here are some things you can do to prepare for the inspection:

- Complete refresher training: non-users are to complete lab-specific awareness training. All training **MUST** be documented in writing to include the trainee's name and the date training was completed.
- NO eating, drinking, or applying cosmetics in posted labs. Food wrappers cannot be disposed in waste can within a posted lab.
- Complete yellow inventory cards immediately after using the isotope.
- Label all rad waste immediately. Make sure waste labels include total activity and isotope inventory number.
- Make sure all use areas are posted with rad tape.
- Wear proper attire and Personal Protective Equipment (PPE) when working with isotopes.
- Know where the **Notice to Employees** is posted and be able to explain the contents of the posting.
- Know that you can ask the Radiation Safety Officer (RSO) to show you the RAM license.
- Understand that you can find the rules, regulations, and the Radiation Safety manual on-line.

Contact Kimberly Morris, RSO, at ext. 2169 or [kimberly.morris@wright.edu](mailto:kimberly.morris@wright.edu) with questions or concerns.

# WELCOME

We are happy to welcome a new staff member who joined RSP in August 2012. **Amanda Karper (Mandy)** is our new Programs Facilitator for the Laboratory Animal Care and Use Committee (LACUC) and the Institutional Biosafety Committee (IBC), assisting with institutional compliance issues involving animal use and biological hazards. She comes to RSP from the Office of Residence Services where she worked as Office Assistant for Facilities. She earned her Bachelor of Science in Organizational Leadership from Wright State University. Mandy replaces Chris Piekkola, who is enjoying retirement.

# PostAward *NEWS*

## *Travel on Grants*

Please remember that a Travel Authorization form and Travel Expense Report must be completed and approved for all overnight travel. This is especially important for grants involving foreign travel. RSP is required to verify that the Fly America Act is adhered to for all foreign travel on grants. Therefore, RSP needs to sign off on the Travel Authorization *prior to* the trip, and on the Travel Expense Report to ensure that no changes were made to the travel arrangements that would cause compliance issues with the Fly America Act. If you have any questions about travel on grants, please do not hesitate to contact Glen Jones,

Director of Post Award at [glen.jones@wright.edu](mailto:glen.jones@wright.edu), or your Post Award Grants Accountant.

## *Money Left on the Table*

A recent report reflected that direct and indirect cost support of approximately \$15 million was left unexpended on grants that have closed over the past seven years. Please determine that all expenses have been allocated to a grant before the end date so RSP can ensure that the maximum amount allowable is requested from the sponsor. If you have any questions about the balance on your grant, please do not hesitate to contact Glen Jones, [glen.jones@wright.edu](mailto:glen.jones@wright.edu), or your

Post Award Grants Accountant.

## *PI Status Changes*

Per OMB Circular A-110, RSP is required to notify the sponsor when it is determined that a PI will be absent for more than 90 days, or a PI is no longer employed by WSU. If the PI has left WSU, RSP will make arrangements to either transfer the grant to the PI's new institution, establish an affiliation agreement to allow the PI who has left WSU to retain PI status, or name a new WSU PI and retain the grant. When you become aware of any impending changes to a PI's status, contact RSP for completion of all appropriate action steps.

## **From the *Undergraduate Research Opportunities Program:***

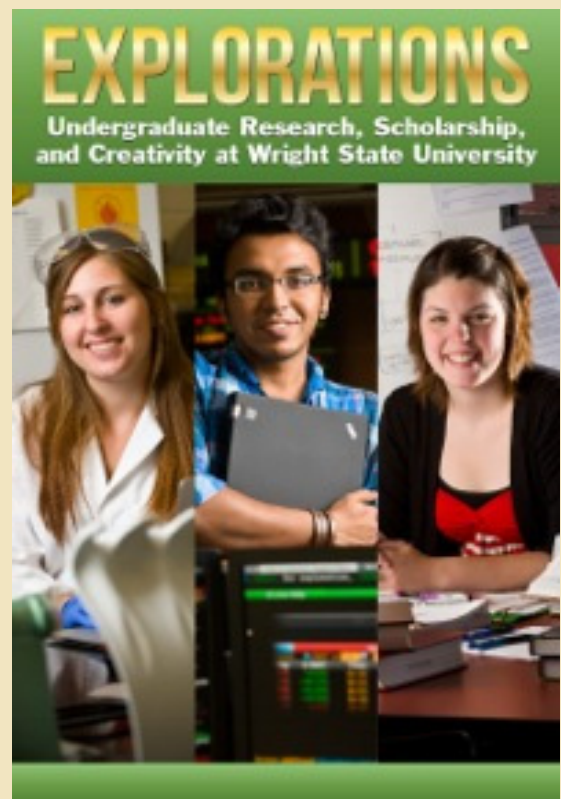
**WSU's inaugural issue of**

## ***Explorations: Undergraduate Research, Scholarship and Creative Activities at Wright State University***

**was published in early December.**

**Please visit the issue here: <http://core-scholar.libraries.wright.edu/explorations/>.**

**The next call for articles will be in March for the Spring 2013 issue.**



# AWARDS

*The grants and contracts on these pages were awarded from  
September 2011 through March 2012*

## **Boonshoft School of Medicine**

Bienenfeld, David G.  
*Community Psychiatry Training  
Program*  
Ohio Department of Mental  
Health  
\$15,000

Boivin, Gregory  
*Biopsy Study*  
Devicor Medical Products, Inc.  
\$54,666

Bricker, Dean  
Hershberger, Paul J.  
*Improving Provider Skills to  
Enhance Patient Adherence:  
Refinements in a Curriculum  
for Internal Medicine Residents,  
Family Medicine Residents, and  
Pharmacy Students*  
University of Cincinnati  
\$20,000

Brown, Thomas L.  
*HIF-1 Alpha Regulation of  
Trophoblast Differentiation  
in vivo*  
Department of Health and  
Human Services, National  
Institute of Child Health and  
Human Development  
\$307,799

Cauley, Katherine L.  
*AHEC Support*  
Ohio Board of Regents  
\$62,888

Cauley, Katherine L.  
Clasen, Carla  
*Identifying Competencies for Ohio's  
Long Term Care Workers*  
Ohio State University  
\$50,000

Chen, Yanfang  
Morris, Mariana  
*Balance of Angiotensin II/Angiotensin  
(1-1): A Target in Ischemic Stroke*  
Department of Health and Human  
Services, National Heart, Lung, and  
Blood Institute  
\$363,996

Chen, Yanfang  
*Enhancing the SDF-1a/CXCR4  
Pathway in EPCs Based  
Vasoregenesis Therapy for Diabetic  
Stroke*  
American Diabetes Association -  
National  
\$109,250

Czerwinski, Stefan Aleksander  
Siervogel, Roger M.  
Choh, Audrey  
Chumlea, W. Cameron  
Duren, Dana L.  
Lee, Miryoung  
*Adiposity, Disease Risk Factors, and  
Lifetime Health*  
Department of Health and Human  
Services, National Institute of Child  
Health and Human Development  
\$1,362,457

Daniulaityte, Raminta  
Sheth, Amit  
Carlson, Robert G.  
Falck, Russel S.  
*A Study of Social Web Data on  
Buprenorphine Abuse Using  
Semantic Web Technology*  
Department of Health and Human  
Services, National Institute on  
Drug Abuse  
\$182,500

Di Fulvio, Mauricio  
*Role of  
Na<sup>+</sup>-K<sup>+</sup>-2CL-Cotransporters in  
Diabetic Sensory Neuropathy*  
American Diabetes Association -  
National  
\$130,627

Dunn, Kristen K.  
Wilson, Josephine F.  
*Telemedicine Project*  
Ohio Department of  
Developmental Disabilities  
\$50,032

Dunn, Kristen K.  
Wilson, Josephine F.  
*Telemedicine Project*  
Ohio Department of  
Developmental Disabilities  
\$49,968

Dunn, Margaret M.  
*NCI Award Under DCOP Fiscal  
Agency Agreement*  
Dayton Clinical Oncology  
Program  
\$1,486,090

Dunn, Margaret M. <i>Miscellaneous Awards Under DCOP Fiscal Agency Agreement</i> Dayton Clinical Oncology Program \$117,974	Gentile, Julie P. <i>PROF-MR/DD-ODMRDD FY2012 &amp; FY2013</i> Ohio Department of Developmental Disabilities \$60,000	Kadakia, Madhavi P. <i>Identification of Peptide Ligands Using Phage Peptide Library</i> Universal Energy Systems, Inc. \$80,000
Ford, JoAnn Williams, Carlton <i>Healthy Brothers - Healthy Sisters</i> Department of Health and Human Services, Substance Abuse and Mental Health Services Administration \$447,275	Gentile, Julie P. <i>MR/MI Professorship for FY2012</i> Montgomery County ADAMH Services Board \$15,000	Kinzeler, Nicole Wilson, Josephine F. <i>Mental Health/Medical Integration Project</i> Health Foundation of Greater Cincinnati \$102,078
Ford, JoAnn Williams, Carlton <i>One-Stop to Wellness</i> Department of Health and Human Services, Substance Abuse and Mental Health Services Administration \$397,837	Gillig, Paulette M. <i>Professorship of Rural Psychiatry: Ohio Department of Mental Health</i> Ohio Department of Mental Health \$10,000	Klykylo, William M. Weston, Christina G. <i>MEDTAPP Healthcare Access Initiative-Residency Program in Child and Adolescent Psychiatry</i> Ohio State University \$49,500
Ford, JoAnn Williams, Carlton <i>Our Women's Health Promotion Project (OWHPP)</i> Department of Health and Human Services, Substance Abuse and Mental Health Services Administration \$335,333	Grobe, Nadja Morris, Mariana Elased, Khalid M. <i>Molecular Imaging of Renal Angiotensin (1-7) Forming Enzymes</i> Department of Health and Human Services, National Insti- tute of Diabetes and Digestive and Kidney Diseases \$52,190	Klykylo, William M. <i>Support for Director of Child and Adolescent Psychiatry</i> Ohio Department of Mental Health \$35,000
Fraker, Susan M. Ford, JoAnn <i>Technology Assisted Services for Persons with Disabilities</i> Ohio Department of Alcohol & Drug Addiction Services \$343,627	Harchick, William M. <i>University Challenge - AFRL Center for Rapid Product Development Support</i> ARINC Engineering Services, LLC \$23,500	Ladle, David R. <i>Mechanisms of Reciprocal Inhibition Development</i> Department of Health and Human Services, National Institute of Neurological Disorders and Stroke \$319,375
Gentile, Julie P. <i>CCOE: Dual Diagnosis: MIMR</i> Ohio Department of Mental Health \$85,500	Kadakia, Madhavi P. <i>Role of DeltaNp63alpha in Vitamin D Mediated Cell Survival in Skin Cancer</i> Department of Health and Human Services, National Cancer Institute \$288,184	Laughlin, Richard T. Boivin, Gregory <i>Exercise Effect on Diabetic (db/db) Mice Achilles Tendons</i> American Orthopaedic Foot and Ankle Society, Inc. \$20,000



<p>Lawhorne, Larry Wayne <i>Direct Service Workforce Project: Providing Training and Career Pathways for Ohio's Long-Term Care Workforce</i> Ohio State University \$44,648</p>	<p>Morris, Mariana Elased, Khalid M. Chen, Yanfang <i>ACE Balance in the Cardiovascular Complication of Diabetes</i> Department of Health and Human Services, National Heart, Lung, and Blood Institute \$355,163</p>	<p>Pascoe, John M. <i>Adolescent Health in Pediatric Practice</i> American Academy of Pediatrics \$0</p>
<p>Leffak, I. Michael <i>Analysis of the Human c-myc Gene Replication Origin</i> Department of Health and Human Services, National Institute of General Medical Sciences \$298,870</p>	<p>Morris, Mariana Belanger, Dominique <i>Biomedical Scholars Program</i> Department of Health and Human Services, National Institute of General Medical Sciences \$262,922</p>	<p>Peirson, Ryan P. <i>Adult Professorship of Community Psychiatry: Ohio Department of Mental Health</i> Ohio Department of Mental Health \$15,000</p>
<p>Leffak, I. Michael <i>Second-Site Genetic Modifiers of CTG/CAG Microsatellite Stability</i> Department of Health and Human Services, National Institute of General Medical Sciences \$277,400</p>	<p>Morrison, Ann K. Pretorius, Richard W. Lawhorne, Larry Wayne Bienenfeld, David G. Roman, Brenda Cauley, Katherine L. <i>MEDTAPP Healthcare Access Initiative-Preparing Tomorrow's Workforce to Care for an Aging Ohio: Focus on Older Adult Medicaid and Dual Eligible Populations</i> Ohio State University \$62,736</p>	<p>Pickoff, Arthur S. <i>Reach Out of Montgomery County (Fiscal Year 2012/2013)</i> Reach Out of Montgomery County \$110,188</p>
<p>Lehrer, Douglas S. <i>The Genomic Psychiatry Cohort (GPC)</i> University of Southern California \$65,640</p>	<p>Organisciak, Daniel T. <i>Prevention of Light-Induced Retinal Degeneration by Natural Substances</i> Alcon Laboratories, Inc. \$7,134</p>	<p>Prayson, Michael J. <i>Fixation Using Alternative Implants for the Treatment of Hip Fractures (FAITH)</i> University of Minnesota \$6,081</p>
<p>Mahankali, Madhupriya Priya Gomez-Cambrotero, Julian <i>Role of PLD2 in Endothelial Dysfunction During Phoxia and Reoxygenation</i> American Heart Association - Great Rivers Affiliate \$25,000</p>	<p>Orlowski, Marietta A. <i>Evaluation Report for Healthier Ohio School Challenge Team Nutrition Projects</i> Ohio Department of Education \$5,000</p>	<p>Putnam, Robert W. <i>Acid-Sensing and Panic</i> University of Cincinnati \$124,033</p>
<p>McAlearney, John <i>Direct Service Workforce Project: Providing Training and Career Pathways for Ohio's Long-Term Care Workforce</i> Ohio State University \$22,583</p>		<p>Reo, Nicholas V. Raymer, Michael L. <i>Aerospace Physiology and Toxicology Research</i> Henry M. Jackson Foundation \$225,100</p>
		<p>Rich, Mark M. <i>Muscle and Neuromuscular Junctions in Spinal Muscular Atrophy</i> Johns Hopkins University \$40,975</p>

Rich, Mark M.  
*Tissue Determinants of Synaptic Dysfunction in Spinal Muscular Atrophy*  
Johns Hopkins University  
\$18,193

Sahiar, Farhad  
*Aerospace Medicine Training in the Era of Expanding Human Space Flights Beyond ISS and LEO*  
National Aeronautics and Space Administration  
\$400,000

Sahiar, Farhad  
*Aerospace Medicine Training for the Era of Moon, Mars, and Beyond*  
National Aeronautics and Space Administration  
\$140,667

Seselj, Maja  
Duren, Dana L.  
*Reconstructing Life History in Fossil Hominins*  
New York University  
\$12,000

Sherwood, Richard J.  
*AAOF Legacy Collection Project, Stage II: Development of a Longitudinal Craniofacial Records Base for Teaching and Research*  
American Association of Orthodontists Foundation  
\$12,500

Stevens, Rick Brian  
*2012 Surgery Post-Graduate Transplantation Symposium*  
Sanofi Aventis Inc.  
\$5,000

Towne, Bradford  
Czerwinski, Stefan Aleksander  
*Genetics of Bone Structure and Metabolism*  
Texas Biomedical Research Institute  
\$87,488

Williams, Carlton  
*Substance, Testing, and Education Program Using Prevention (STEP-UP)*  
Department of Health and Human Services, Substance Abuse and Mental Health Services Administration  
\$299,999

Williams, Carlton  
Wilson, Josephine F.  
*Fifty-Plus Prevention Project (F3P)*  
Department of Health and Human Services, Substance Abuse and Mental Health Services Administration  
\$299,690

Wilson, Josephine F.  
*eCAM: A Virtual Health Information One-Stop*  
Department of Health and Human Services, Substance Abuse and Mental Health Services Administration  
\$279,990

Wilson, Josephine F.  
*MEDTAPP Pediatric Telepsychiatry Pilot Study*  
Ohio State University  
\$84,180

Wilson, Josephine F.  
Fraker, Susan M.  
*Deaf Off Drugs and Alcohol: Evaluating a Technology-Assisted E-Therapy Program for SUD Treatment*  
U.S. Department of Education  
\$62,629

Wilson, Josephine F.  
*Advanced Cognitive Treatment Services*  
Montgomery County Family and Children First Council  
\$34,113

Wyatt, Christopher N.  
*AMP-Activated Protein Kinase and Oxygen Sensing*  
Department of Health and Human Services, National Heart, Lung, and Blood Institute  
\$32,850

## **College of Education and Human Services**

Davis, Stephanie  
*Capacity-Building Faculty Support Grant FY 2012 and 2013 from Carl Perkins Foundation*  
Ohio Department of Education  
\$72,000

Franco, Suzanne  
Lindsey, Jill L.  
*Ohio K12 Student Growth Measures for Untested Grades and Subjects*  
Ohio State University  
\$121,220

Franco, Suzanne  
Lindsey, Jill L.  
*Ohio Education Research Center*  
Ohio State University  
\$51,120

Franco, Suzanne  
*Dayton VA Medical Center IPA - Suzanne Franco*  
Veterans Affairs Medical Center  
\$5,000

Harris, Charlotte M.  
*Dayton Regional Science, Technology, Engineering, and Mathematics School Services Agreement*  
Dayton Regional Science, Technology, Engineering, and Mathematics (STEM) School  
\$2,122,603

Keener, Catherine D.  
McIlvenna, Noeleen  
*The Wright Intervention*  
U.S. Department of Education  
\$100,000

Lindsey, Jill L.  
*Collaborative Development of Student Learning Outcomes (SLOs)*  
Ohio Department of Education  
\$25,000

Lindsey, Jill L.  
Risacher, Joanne  
*Clark State Community College Internship*  
Clark State Community College  
\$18,345

Lindsey, Jill L.  
*Internship in Sinclair Community College's Student Leadership Development Office*  
Sinclair Community College  
\$18,160

Lindsey, Jill L.  
*Internship for Sinclair Community College's Multicultural Programming and Resources*  
Sinclair Community College  
\$18,160

Lindsey, Jill L.  
Risacher, Joanne  
*SOCHE Internship*  
Southwestern Ohio Council for Higher Education  
\$17,975

Lindsey, Jill L.  
*Dayton VA Medical Center IPA - Jill Lindsey*  
Veterans Affairs Medical Center  
\$5,000

Lindsey, Jill L.  
Risacher, Joanne  
*SOCHE Internship*  
Southwestern Ohio Council for Higher Education  
\$4,199

Lyon, Anna  
*Reading Recovery: Scaling Up What Works*  
Ohio State University  
\$49,000

### **College of Engineering and Computer Science**

Bae, Ha-Rok  
*Tool Developments for Reliability Based Design Optimization and Engineering Data Analytics*  
Caterpillar, Inc.  
\$49,900

Chen, Chien-In Henry  
Benson, Stephen R.  
*Monobit Ultra High Chirp Rate Digital Chirp Receiver Using Monobit IFM Digital Receiver as a Core*  
Dayton Area Graduate Studies Institute  
\$67,272

Dong, Haibo  
*Physics-Based Analysis and Adjoint-Based Optimization of Flapping-Wing Micro-Air Vehicles*  
DoD, Air Force Office of Scientific Research  
\$115,144

Dong, Haibo  
Miller, Aaron N.  
*Modeling the Current Distribution and Optimizing the Design of Transcranial Direct Current Stimulation Electrodes*  
InfoSciTex  
\$14,966

Dong, Haibo  
*Computational Fluid Dynamics (CFD) for Heavy Fuel Conversion of UAS*  
Universal Technology Corporation  
\$10,000

Fendley, Mary E.  
Campbell, Charles D.  
*Communication Task Force Internship*  
Columbus State Community College  
\$980

Gallagher, John C. <i>CPS: Synergy: Collaborative Research: Methodologies for Engineering with Plug-and-Learn Components: Formal Synthesis and Analysis Across Abstraction Layers</i> National Science Foundation, Miscellaneous \$340,000	Grandhi, Ramana V. Loughnane, Gregory T. <i>Quantifying the Effects of Modeling and Experimental Uncertainties on the Accuracy of 3D Microstructure Characterization</i> Dayton Area Graduate Studies Institute \$67,272	Huang, George <i>Collaboration Agreement with Software Cradle Company</i> Software Cradle Co., Ltd. \$100,000
Gallimore, Jennie J. <i>Exploring Pilot Performance Using Flight Management Systems With and Without Autoload for Data Comm Route Clearances</i> U.S. Department of Transportation, Federal Aviation Administration \$37,110	Grandhi, Ramana V. <i>Collaborative Center in Multidisciplinary Sciences (CCMS)</i> Virginia Polytechnic Institute and State University \$63,000	Huang, George <i>Low Pressure Turbine Aerodynamic Research</i> DoD, Air Force, Air Force Research Laboratory \$28,640
Goshtasby, A. Ardeshir <i>Software for FMI CT Scanners: Coronary Artery Analysis of CAT Images</i> FMI Technologies, Inc. \$127,568	Hangartner, Thomas N. <i>Colorado Center for Childhood Liver Disease Research Education: Etiology and Treatment of Biliary Atresia and INH</i> University of Colorado \$79,200	Jean, Jack S. <i>Observe Pattern of Life and Predict Individual Behavior</i> Systems Research and Applications International \$35,033
Goshtasby, A. Ardeshir Jackson, Brian P. <i>Automated Streaming Imagery Filter Selection</i> Dayton Area Graduate Studies Institute \$67,272	Hangartner, Thomas N. <i>Bone-Density Data Analysis</i> Shire Human Genetic Therapies, Inc. \$14,041	Kidambi, Phani <i>Research and Development of Citation Mapping Feature Vector</i> Vedainfo Inc. \$110,950
Goshtasby, A. Ardeshir <i>Medical Image Analysis for FMI Sensors</i> FMI Technologies, Inc. \$57,466	Hangartner, Thomas N. <i>Bone-Density Data Analysis</i> Shire Human Genetic Therapies, Inc. \$5,808	Mawasha, P. Ruby <i>OSGC Campus Allocation Funds 2012-2013</i> Ohio Space Grant Consortium \$3,000
Goswami, Tarun <i>Turbine Engine RFC Component Implementation</i> Universal Technology Corporation \$120,000	Hitzler, Pascal <i>III: Small: TROn - Tractable Reasoning Ontologies</i> National Science Foundation, Miscellaneous \$10,000	Menart, James A. <i>Heat Powered Demonstration Chiller</i> American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. \$1,870
		Mukhopadhyay, Sharmila M. <i>Simulation of Small-Scale Damage Evolution During Processing of Polymer Matrix Materials Systems</i> Universal Energy Systems, Inc. (UES, Inc.) \$26,962

Narayanan, Sundaram <i>Interactions with Semi-Autonomous Remotely Piloted Vehicles</i> DoD, Air Force, Air Force Research Laboratory \$1,550,000	Parikh, Pratik <i>Designing a Pricing Procedure to Determine Optimal Pricing</i> Kalvin Consulting, Inc. \$11,500	Rigling, Brian D. Garber, Fred D. <i>Image Truthing of WAMI Data Sets</i> DoD, Air Force, Air Force Research Laboratory \$40,000
Narayanan, Sundaram Hangartner, Thomas N. Gallimore, Jennie J. Miller, Aaron N. Gebhart, Mark E. <i>Human Performance Center of Excellence</i> Ohio Department of Development \$749,374	Raymer, Michael L. <i>Ohio Consortium for Bioinformatics</i> Ohio University \$47,000	Rigling, Brian D. <i>Wide-Area Motion Imagery and Radio Frequency Compressive Sensing Applications</i> Scientific Systems Company, Inc. \$30,000
Narayanan, Sundaram <i>Neuroscience and Medical Imaging</i> DoD, Air Force, Air Force Research Laboratory \$500,000	Rigling, Brian D. Garber, Fred D. <i>Center for Automatic Target Recognition: Summer Intern Program</i> DoD, Air Force, Air Force Research Laboratory \$365,586	Rizki, Mateen M. <i>Metabolite Differentiation and Discovery Lab Development</i> Oak Ridge Institute for Science and Education (ORISE) \$24,335
Narayanan, Sundaram <i>Use-Centered Advanced Technology Development from Prototype to Applications</i> SOA Architects \$155,003	Rigling, Brian D. Garber, Fred D. <i>Image Truthing of WAMI Data Sets</i> DoD, Air Force, Air Force Research Laboratory \$150,000	Roberts, Rory A. <i>Design and Fabrication of an Exhaust Driven Fan for Micro-Jet Engines</i> Universal Technology Corporation \$2,800
Narayanan, Sundaram Kidambi, Phani <i>Research and Development of Information Search Systems in Legal Domains</i> LexisNexis \$101,258	Rigling, Brian D. Fogle, Orelle R. <i>Algorithms for Dismount Detection in Synthetic Aperture Radar</i> Matrix Research & Engineering \$75,000	Shang, Joseph J.S. Huang, George <i>Simulating Nonequilibrium Radiation via Orthogonal Polynomial Refinement</i> DoD, Air Force Office of Scientific Research \$80,234
Parikh, Pratik Zhang, Xinhui <i>GOALI/Collaborative Research: Warehouse Integration in Enterprise-Wide Supply Chain Planning Under Uncertainty</i> National Science Foundation, Miscellaneous \$165,000	Rigling, Brian D. Fogle, Orelle R. <i>Passive Multistatic Radar Modeling</i> Matrix Research & Engineering \$50,000	Shang, Joseph J.S. <i>A Path-Finding Study for Radiative Heat Exchange in Combustion Chamber</i> Universal Technology Corporation \$40,150
	Rigling, Brian D. <i>ISAR for Terrestrial Targets</i> Etegent Technologies, Ltd. \$49,949	

Shaw, Arnab K.  
*Separability and Stability Analysis of Laser Vibrometry Signals*  
Science Applications International Corporation  
\$53,348

Sheth, Amit  
Thirunarayan, Krishnaprasad  
*Trusted Semantic Sensor Web to Support Decision Making over Massive Amounts of Sensor and Social Data*  
Riverside Research  
\$81,639

Sheth, Amit  
*T040: LVC Sensors Integration for Data Fusion in Operations and Training*  
Ball Aerospace  
\$77,916

Sheth, Amit  
*Cardiology Semantic Analysis System: Phase I*  
ezdataintelligence LLC  
\$25,000

Sheth, Amit  
*REU Supplement: III: Eager-Expressive Scalable Querying over Integrated Linked Open Data*  
National Science Foundation, Miscellaneous  
\$16,000

Slater, Joseph C.  
Cooley, Phillip E.  
*Fatigue Crack Identification from Nonlinear Spectral Features in Bladed Disks*  
Dayton Area Graduate Studies Institute  
\$69,480

Srinivasan, Raghavan  
*Titanium Alloys Testing*  
RTI International Metals, Inc.  
\$5,400

Taylor, Ronald F.  
*Improvements to Air Vehicle Optimization and Analysis Sensitivity Models*  
Universal Technology Corporation  
\$42,963

Thomas, Scott Keith  
Srinivasan, Raghavan  
Roberts, Rory A.  
*University Engineering Design Challenge*  
DoD, Air Force Office of Scientific Research  
\$20,000

Wang, Shaojun  
*RI: Small: Developing Large Scale Distributed Syntactic, Semantic, and Lexical Language Models for Machine Translation and Speech Recognition*  
National Science Foundation, Miscellaneous  
\$155,827

Wang, Shaojun  
*Semi-Supervised Discriminative Structured Prediction*  
DoD, Air Force Office of Scientific Research  
\$119,878

Wang, Shaojun  
Kulhanek, Raymond D.  
*Composite Language Models of Low Density Languages for Machine Translation*  
Dayton Area Graduate Studies Institute  
\$60,972

Wu, Zhiqiang  
*GPS Enhanced Dynamic Spectrum Access*  
Echo Ridge LLC  
\$45,000

Wu, Zhiqiang  
*Spectrally Compliant Waveforms over Non-Contiguous Spectrum Fragmentation*  
Kalos Technologies, Inc.  
\$24,000

Xue, Kefu  
Petkie, Douglas T.  
*Summer and Year at the Edge*  
DoD, Air Force, Air Force Research Laboratory  
\$470,000

Zhuang, Yan  
*Thin Film Semiconductor Characterization and Fabrication*  
University of Dayton  
\$28,032

Zhuang, Yan  
Strope, Casey J.  
*Fundamentals of Low Dimensional Carbon Films Grown by Sublimation of SiC*  
Dayton Area Graduate Studies Institute  
\$18,360

## **College of Liberal Arts**

Cortes, Tess  
*General Operating Support: Art Galleries*  
Ohio Arts Council  
\$4,838

Dockery, Jane L.  
*Renewable Energy and Energy Efficiency Job Impact Study*  
ICF Incorporated, LLC  
\$127,369

Dockery, Jane L. <i>H-1B Technical Skills Training Grant</i> Ohio Board of Regents \$40,000	Dockery, Jane L. <i>Beavercreek City Schools Community Survey</i> Beavercreek City School District \$5,333	Hooker, Carol M. <i>Adult Population Community Health Assessment</i> Greene County Combined Health District \$17,204
Dockery, Jane L. Ellison, Sylvia A. <i>Advancing Quality Improvement in Public Health</i> Association of Ohio Health Commissioners \$35,000	Dockery, Jane L. <i>Philada Home Fund: A Partnership with Independent You</i> The Philada Home Fund \$2,325	Hooker, Carol M. <i>Mansfield-Richland County Public Library Community Survey</i> Mansfield-Richland County Public Library \$7,500
Dockery, Jane L. <i>Shelby County Community Health Assessment and Planning</i> Shelby County Family and Children First Council \$20,689	Dockery, Jane L. <i>Philada Home Fund: A Partnership with Independent You</i> The Philada Home Fund \$2,214	Hooker, Carol M. <i>Proton Impact Study</i> Kettering Medical Center \$4,000
Dockery, Jane L. <i>Adult Population Community Health Assessment</i> Clark County Combined Health District \$16,000	Dockery, Jane L. <i>Tipp City Strategic Plan</i> City of Tipp City, Ohio \$500	Hubbard, Amelia R. <i>Engaging Prehistory Through Genetic and Dental Variation Among Kenya's Coastal Peoples</i> Wenner-Gren Foundation for Anthropological Research, Inc. \$4,968
Dockery, Jane L. <i>Cambridge Guernsey County Health Department Community Health Assessment and Planning</i> Cambridge Guernsey County Health Department \$14,950	Dustin, Jack L. <i>Community - Police Relations Dialogue</i> City of Dayton, Miscellaneous \$69,131	Kennedy, Sandra D. <i>Customized Services 2011-2012</i> City of Dayton, Miscellaneous \$40,000
Dockery, Jane L. <i>Survey for Talbert House</i> Talbert House \$7,800	Dustin, Jack L. <i>Public and Social Service Transportation Curriculum and Internship Program</i> Ohio Department of Transportation \$12,000	Kennedy, Sandra D. <i>Efficiently Managing Your OLOI Project, Project Assessment, and Strategic Planning</i> Veterans Affairs Medical Center \$8,940
Dockery, Jane L. <i>Strategic Planning Process for Greene County Children Services</i> Greene County Children Services Board \$7,705	Hooker, Carol M. <i>City of Dayton Public Opinion Survey</i> City of Dayton, Miscellaneous \$25,285	Kennedy, Sandra D. <i>2-Phase Strategic Plan Facilitation - City of Trotwood</i> City of Trotwood \$2,800

Layne, Jo Ellen  
Brun, Carl F.  
*Child Welfare Workforce  
Professional Education Program*  
Ohio Department of Job and  
Family Services  
\$123,250

Subban, Jennifer  
Dockery, Jane L.  
*Comprehensive Neighborhood  
Initiative (CNI)*  
Montgomery County Family and  
Children First Council  
\$23,225

### **College of Nursing and Health**

Barry, Detrice  
*Use of Technology for Bleeding  
Disorders Care: Human Patient  
Simulators, Robots, and Virtual  
Environments*  
Hemophilia Federation of America  
\$4,720

Bharwani, Govind  
*Development and Implementation  
of a Community Memory Resource  
Center*  
Alzheimer's Association, Miami  
Valley Chapter  
\$40,000

Curry, Donna M.  
*Advanced Nurse Education  
Traineeship 2012-2014*  
Department of Health and Human  
Services, Health Resources and  
Services Administration (HRSA)  
\$319,200

Curry, Donna M.  
*Nurse Faculty Loan Program  
(NFLP) 2012/2013*  
Department of Health and Human  
Services, Health Resources and  
Services Administration (HRSA)  
\$62,000

Mainous, Rosalie O'Dell  
*Miami Valley Hospital Operating  
Agreement*  
Miami Valley Hospital  
\$135,000

Mainous, Rosalie O'Dell  
*Robert Wood Johnson Executive  
Nurse Fellows Program*  
Center for Creative Leadership  
\$13,256

Sampsel, Debi  
*Product Management and  
Development Support for Wright  
Solution Partners, LLC*  
Wright Solution Partners, LLC  
\$90,472

Stalter, Ann M.  
Kaylor, Marybeth  
*A Workforce Study: Attitudes,  
Skills and Knowledge Attributes of  
Home Health and Hospice Nurses  
(ASK-A-HHNI)*  
Center for Community Based Care  
\$970

### **College of Science and Mathematics**

Agrawal, Abinash  
*Remediation of Halogenated A  
liphatic Hydrocarbons (HAHs) and  
Other Groundwater Pollutants:  
Biogeochemical and  
Microbiological  
Characterization of HAH Trans-  
formation Processes at WPAFB  
Wetland and Similar Aquatic Envi-  
ronments*  
Air Force Institute of Technology  
(AFIT)  
\$125,000

Arasu, Krishnasany T.  
*Algebraic Methods to Design  
Signals*  
DoD, Air Force Office of Scientific  
Research  
\$51,500

Arlian, Larry G.  
*Laundry Sample Analysis*  
Procter & Gamble Company  
\$10,850

Arlian, Larry G.  
*Mite Samples*  
More Than One Source of Support  
\$1,500

Bahn, Volker  
*Packard Global Fish Diversity,  
Conservation, and Harvest Project*  
University of Wisconsin  
\$39,272

Bahn, Volker  
*Literature Review for E & R  
Contribution to RA 25th  
Anniversary Materials*  
Rainforest Alliance, Inc.  
\$3,200



Bowman, Katlin L.  
Hammerschmidt, Chad R.  
*U.S. Geotraces: Distribution of Mercury Species Across a Zonal Section of the North Atlantic*  
Graduate Student Assembly  
\$400

Brown, Elliott  
*Computational and Experimental Equipment for THz Biomolecular Signatures*  
DoD, Army Research Office  
\$232,164

Brown, Elliott  
*1550-nm Extrinsic-GaAs Photomixers, Arrays, and Spectrometers*  
DoD, Army Research Office  
\$60,529

Brown, Elliott  
*Non-Contact, THz Sensing of Corneal Hydration*  
University of California, Los Angeles (UCLA)  
\$28,984

Deibel, Jason A.  
Petkie, Douglas T.  
*Broadband Electromagnetic NDE of TPS Materials*  
Universal Technology Corporation  
\$84,600

Deibel, Jason A.  
Petkie, Douglas T.  
Medvedev, Ivan  
*Broadband Multi-Mode Terahertz Imaging for Detection of Corrosion and Defects under Hull Coatings*  
Princeton Nanotechnology Systems  
\$25,000

Excoffon, Katherine  
Wooley, Dawn P.  
*Molecular Evolution of AAV Vectors for Anti-HIV Gene Therapy*  
Department of Health and Human Services, National Institute of Allergy and Infectious Diseases  
\$218,041

Excoffon, Katherine  
Sharma, Priyanka  
Readler, James M.  
Yan, Ran  
*ASV Travel Grant*  
American Society for Virology  
\$2,500

Farlow, Gary C.  
*Dynamitron Use and Maintenance in Support of Collaborative Material Science Research*  
Air Force Institute of Technology  
\$1,285

Farrell, Ann M.  
Tosa, Sachiko  
*Impact of Lesson Study as a Model of Collaborative Professional Development*  
Ohio Department of Education  
\$222,967

Feld, William A.  
*Single Ion Conducting Solid-State Lithium Electrochemical Technologies*  
University of Dayton  
\$50,000

Flach, John M.  
Gallagher, John C.  
*RDE-RAD: Collaborative Research: Ohio's STEM Ability Alliance (OSAA): STEM Degrees and Careers for Ohioans with Disabilities*  
National Science Foundation, Miscellaneous  
\$302,207

Flach, John M.  
Bennett, Kevin B.  
*Sirius Program*  
Applied Research Associates, Inc.  
\$71,248

Fossum, Eric  
*Poly (arylene ether)s from Activated 3,5-Difluoro Aromatic Systems: Synthesis, Functionalization, and Characterization*  
National Science Foundation, Grants for Scientific Research  
\$100,000

Fossum, Eric  
*Enhancement of Fluorocarbon Rubber to Metal Bonding*  
Vernay Laboratories, Inc.  
\$42,524

Fox, Jane Lee  
*Coupled Models of Planetary Ionospheres/Thermospheres: Phase B*  
National Aeronautics and Space Administration  
\$125,839

<p>Fox, Jane Lee  <i>Modeling of the Martian Thermosphere/Ionosphere in Support of Volatile Evolution Calculations: Altitude Distribution of Isotopomers and Ancient Atmospheres</i>  National Aeronautics and Space Administration  \$105,000</p>	<p>Goldstein, David L.  Schneider, Tamera  <i>ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers</i>  National Science Foundation, Miscellaneous  \$538,151</p>	<p>Hennessy, Michael B.  Schiml-Webb, Patricia  <i>REU Supplement - Mechanisms of Social Buffering of Hypothalamic-Pituitary-Adrenal Responses</i>  National Science Foundation, Grants for Scientific Research  \$5,350</p>
<p>Fox, Jane Lee  <i>Monte Carlo Calculations of the Photochemical Escape Fluxes of O, C, and N from Mars, and the Isotope Fractionation Factors Inherent in the Escape Mechanisms</i>  National Aeronautics and Space Administration  \$97,520</p>	<p>Goldstein, David L.  <i>Roles and Regulation of Aqua/Glyceroporin in a Freeze-Tolerant Amphibian</i>  National Science Foundation, Miscellaneous  \$187,217</p>	<p>Higgins, Steven R.  <i>Geochemical Rate Processes at Mineral-Water Interfaces: Linking Molecular-Scale Surface Properties to Macroscopic Observables</i>  U.S. Department of Energy  \$89,368</p>
<p>Fox, Jane Lee  <i>The Hydrocarbon Ion Layer in the Low Altitude Ionosphere of Saturn</i>  National Aeronautics and Space Administration  \$88,421</p>	<p>Hammerschmidt, Chad R.  <i>Federal Sponsors - Mercury Analysis of Environmental Samples</i>  Florida State University  \$74,498</p>	<p>Higgins, Steven R.  <i>Development and Application of a Hydrothermal Atomic Force Microscope</i>  Oak Ridge National Laboratory  \$33,500</p>
<p>Fox, Jane Lee  <i>Production Rates of Thermal, Energetic, and Excited Atoms in the Martian Thermosphere, Ionosphere, and Exosphere</i>  National Aeronautics and Space Administration  \$45,929</p>	<p>Hammerschmidt, Chad R.  <i>Experiments Measuring Bioavailability in Oxic and Spiked Sediments (EMBOSS) - ILZRO</i>  International Lead Zinc Research Org., Inc.  \$60,000</p>	<p>Higgins, Steven R.  <i>FTIR Analysis of Samples More Than One Source of Support</i>  \$1,938</p>
<p>Fox, Jane Lee  <i>MAVEN Mission</i>  University of Colorado  \$40,379</p>	<p>Hammerschmidt, Chad R.  <i>Experiments Measuring Bioavailability in Oxic and Spiked Sediments (EMBOSS) - NiPERA</i>  Nickel Producers Environmental Research Association, Inc.  \$30,000</p>	<p>Hunt, Allen Gerhard  <i>Critical Path Analysis and Cluster Statistics of Percolation Theory Calculation of Effective Reaction Rates of Solutes in the Hanford Subsurface</i>  Pacific Northwest National Laboratory  \$55,000</p>
<p>Gilpin, Roger K.  <i>State of Ohio Sludge Program</i>  More Than One Source of Support  \$4,750</p>	<p>Hammerschmidt, Chad R.  <i>Samples</i>  More Than One Source of Support  \$8,858</p>	<p>Kenyon, Lisa Orvik  <i>Supporting Scientific Practices in Elementary and Middle School Classroom</i>  Northwestern University  \$68,380</p>

<p>Ketcha, Daniel M.  <i>Chemical Reactivity and Color Formation</i>            Procter &amp; Gamble Company            \$50,000</p>	<p>Marsh, Daniel L.            Hammerschmidt, Chad R.  <i>Trace Metal Distribution on the Continental Margin of the Northwest Atlantic Ocean</i>            Graduate Student Assembly            \$500</p>	<p>Shebilske, Wayne L.  <i>Human-Machine Trust for Robust Autonomous ISR Systems</i>            Systems Research and Applications International            \$66,517</p>
<p>Kozlowski, Gregory            Weaver, Kent Michael  <i>Bio Polymer Project</i>            Universal Energy Systems, Inc.            \$38,544</p>	<p>Peters, Jeffrey L.  <i>Analysis of Host Associations and Biogeography of Hematozoan Tozoan Parasites in South African Birds</i>            University of Cape Town            \$20,000</p>	<p>Skinner, Thomas E.  <i>Optimal Control of Quantum Systems: Transformative NMR and EPR Applications</i>            National Science Foundation, Grants for Scientific Research            \$458,471</p>
<p>Kozlowski, Gregory  <i>8th International Conference on Diffusion in Solids and Liquids</i>            European Office of Aerospace Research and Development            \$9,350</p>	<p>Rooney, Thomas  <i>Establishing a Scientific Basis for Garlic Mustard Control and Eradication on Private Lands</i>            Dairymen's, Inc.            \$12,500</p>	<p>Slattery, William  <i>K-12 Students, Teachers, Parents, Administrators, and Higher Education Faculty: Partners Helping Rural Disadvantaged Students Stay on the Pathway to a Geoscience Career</i>            National Science Foundation, Miscellaneous            \$142,691</p>
<p>Lew Yan Voon, Lok C.  <i>Effects of Lattice Defect Chemistry on GaN Failure Mechanisms</i>            DoD, Air Force, Air Force Research Laboratory            \$54,789</p>	<p>Schneider, Tamera  <i>The Nature of Trust</i>            Systems Research and Applications International            \$66,517</p>	<p>Slilaty, Daniel C.  <i>Topological Graph Theory and Matroid Theory</i>            Simons Foundation            \$7,000</p>
<p>Look, David C.  <i>Conduction in Thin Films of ZnO for Electronic Applications</i>            DoD, Air Force Office of Scientific Research            \$149,973</p>	<p>Shalin, Valerie L.  <i>Civilian Aeromedical Evacuation Sustainment Training (CAEST)</i>            The University of Memphis            \$46,130</p>	<p>Tarpey, Thaddeus  <i>Statistical Methods for Mapping Human Brain Development</i>            New York University School of Medicine            \$22,621</p>
<p>Look, David C.  <i>Hall Effect Measurements</i>            More Than One Source of Support            \$4,360</p>	<p>Shebilske, Wayne L.  <i>Research and Analytical Support for the 711th HPW Human Effectiveness Directorate</i>            DoD, Air Force, Air Force Research Laboratory            \$115,000</p>	<p>Taylor, Astrea            Hammerschmidt, Chad R.  <i>Phosphorus Inputs to Grand Lake Saint Mary's, Ohio</i>            Graduate Student Assembly            \$750</p>
<p>Look, David C.  <i>Hall Effect Measurements</i>            More Than One Source of Support            \$2,700</p>		

Truong, Triet M.  
McGowin, Audrey E.  
*Investigation of Sea Turtle Leeches  
as Vector Organisms in the  
Transmission of Fibropapilloma-  
Associated Turtle Herpesvirus*  
Graduate Student Assembly  
\$750

Underwood, Kirby A.  
Grossie, David A.  
*ACS National Meeting Travel  
Grant FY2013*

Petroleum Research Fund -  
American Chemical Society  
\$500

Vadeboncoeur, Yvonne  
Gaines, Elliot  
Kenyon, Lisa Orvik  
*CRPA: Into the Rift:  
A Multimedia Experience for  
Advancing Ecosystem-Based  
Science Education*  
National Science Foundation,  
Miscellaneous  
\$149,935

Watamaniuk, Scott N. J.  
*Visual Identification of Human  
Biosignatures via Pattern  
Recognition-Based Decision Mak-  
ing in Immersive Environments*  
InfoSciTex  
\$36,500

### **Lake Campus**

Homan, Greg  
*Marion Local Schools and  
WSU-Lake Campus Collaboration  
to Reinstate Ag Studies at MLHS  
Offering High School/  
College Credit to be Used Towards  
an Associate/Bachelor Degree in  
Ag Science*  
Marion Local Schools  
\$15,000

Mathies, Bonnie K.  
*Capital Appropriation House Bill  
482 - Lake Campus*  
Ohio Board of Regents  
\$12,583

Mathies, Bonnie K.  
*Support for a Secondary Career-  
Technical Alignment Coordinator  
(SCTAC)*  
Ohio Board of Regents  
\$4,000

Mawasha, P. Ruby  
*Ohio Space Grant Consortium  
Scholarship/Fellowship Program  
2012/2013*  
Ohio Space Grant Consortium  
\$13,000

Dewey, Dawne  
*University of Dayton Roesch  
Library Archives Public History  
Internship*  
University of Dayton  
\$7,920

### **Raj Soin College of Business**

Gregorich, Earl  
*WSU Mentor - Protégé Program*  
WBB, Inc.  
\$90,000

Gregorich, Earl  
*Small Business Development  
Center*  
Ohio Department of Development  
\$10,400

Munch, James M.  
*Emerging Leaders Program*  
Speedway SuperAmerica LLC  
\$56,000

Williams, Scott  
*High Rez Camera Market Study*  
Development Projects, Inc.  
\$2,500

### **School of Professional Psychology**

Warfield, Janece  
*PECE-PACT: Parents Early  
Childhood Education/Positive  
Action Choices Training*  
Montgomery County ADAMH  
Services Board  
\$34,643

Winfrey, LaPearl L.  
*SOPP Practicum Training: Brief  
Therapy FY2013*  
Brief Therapy Center  
\$35,000

Winfrey, LaPearl L.  
*Practicum Training: ADAMHS  
Board: 2012/2013*  
Montgomery County ADAMH  
Services Board  
\$31,000

Winfrey, LaPearl L.  
*SOPP Internship: Children's  
Medical Center FY2013*  
Children's Medical Center  
(Dayton)  
\$24,000

Winfrey, LaPearl L.  
*Practicum Training FY2013*  
Children's Hospital Medical  
Center (Cincinnati)  
\$24,000

Winfrey, LaPearl L.  
*SOPP Internship: South  
Community FY2013*  
South Community Mental Health  
Center  
\$16,000

Winfrey, LaPearl L.  
*SOPP Practicum: UD Counseling  
Center FY2013*  
University of Dayton  
\$12,400

Winfrey, LaPearl L.  
*SOPP Internship: Summit BHC  
FY2013*  
Summit Behavioral Healthcare  
\$12,000

Winfrey, LaPearl L.  
*Internship Site Agreement: Upper  
Valley Medical Center*  
Premier Health Partners  
\$12,000

Winfrey, LaPearl L.  
*SOPP Practicum: Summit BHC  
FY2013*  
Summit Behavioral Healthcare  
\$9,000

Winfrey, LaPearl L.  
*SOPP Practicum: Central Clinic  
FY2013*  
Central Clinic  
\$8,000

Winfrey, LaPearl L.  
*SOPP Practicum: Nationwide  
Children's Hospital FY2013*  
Nationwide Children's Hospital  
\$5,500

Yung, Betty  
*Evaluation of the State  
Partnership Grant for the Ohio  
Commission on Minority Health*  
Ohio Commission on Minority  
Health  
\$12,000

### **Student Affarirs**

Vernooy, Jeffrey A.  
Myers, Katherine L.  
*Personal Assistance Station and  
Technology Center*  
Ohio Rehabilitation Services Com-  
mission  
\$45,000

### **Universitywide**

Barnhart, Amy  
*PELL Grant Program 2011/2012*  
U.S. Department of Education  
\$14,430,617

Barnhart, Amy  
*PELL Grant Program 2012/2013*  
U.S. Department of Education  
\$14,126,895

Barnhart, Amy  
*College Work-Study Program  
2012/2013*  
U.S. Department of Education  
\$940,830

Barnhart, Amy  
*Supplemental Educational  
Opportunity Grant Program  
(SEOG) 2012/2013*  
U.S. Department of Education  
\$452,415

Barnhart, Amy  
*Science, Mathematics, and  
Research for Transformation  
(SMART) Defense Scholarship  
Program 2012/2013*  
American Society for Engineering  
Education  
\$50,124

Baumer, Michael L.  
*Formation of Ohio College  
Testing Association (OCTA), a  
State Chapter of the NCTA*  
National College Testing  
Association, Inc.  
\$2,830

Martin, Bryan M.  
*Wright State C-CAMPIS:  
Childcare Access Means Parents  
in School Program*  
U.S. Department of Education  
\$89,424

Dewberry, Brenda I.  
*Building Successful Futures*  
U.S. Department of Education  
\$250,000

Dewberry, Brenda I.  
*Upward Bound Summer Lunch  
Program*  
Ohio Department of Education  
\$3,637

Nguyen, Mai T.  
*Asia Culture Night*  
Binghamton University  
\$3,120

Sudkamp, Thomas A.  
*Articulation and Transfer FY 2013*  
Ohio Board of Regents  
\$1,804,149

Sudkamp, Thomas A.  
*Growing the STEMM Pipeline in the Dayton Region: Becoming an International Center of Excellence for Human Effectiveness/Human Performance*  
Ohio Board of Regents  
\$989,366

Sudkamp, Thomas A.  
*Capital Appropriation House Bill 482 - Dayton Campus*  
Ohio Board of Regents  
\$302,810

Cook, Anita I.  
*OhioLINK*  
Ohio Board of Regents  
\$3,050,000

Cook, Anita I.  
*Libraries Connect Ohio Resource Sharing Project*  
State Library of Ohio  
\$1,400,000

Cook, Anita I.  
*Libraries Connect Ohio Resources Sharing Project*  
State Library of Ohio  
\$1,071,481

Grimes, Keith David  
*InfoSciTex: ATEA Task Order 0004*  
InfoSciTex  
\$115,189

Grimes, Keith David  
*Aerospace Technology Evaluation and Assessment (ATEA) Task Order 0011*  
InfoSciTex  
\$7,458

Gross, David C.  
*InfoSciTex: Task Order 0013*  
InfoSciTex  
\$300,000

Magill, John M.  
*The Scholar's Dashboard: Creating A Multidisciplinary Tool via "Design and Build" Workshops*  
NFAH, National Endowment for the Humanities  
\$50,000

Miller, Aaron N.  
*Warfighter Interface Readiness Technology Operations (WIRTO) Support*  
Ball Aerospace  
\$64,905

Smith, Jack E.  
*FY2009 State Homeland Security Program (SHSP)*  
Ohio Emergency Management Agency  
\$25,042

Wysong, Mark  
*SSA Health IT Records*  
Social Security Administration  
\$4,200

## SPINPLUS FUNDING OPPORTUNITY DATABASE



### **GAINING ACCESS IN A FEW EASY STEPS....**

Wright State University has access to SPINPlus, the world's largest funding opportunities database, to assist faculty in the funding opportunity search process. Explore how you can use this tool for your research needs.

#### **GAINING ACCESS**

1. Visit <https://rspgateway.wright.edu>
2. Select "Login" in left side menu
3. Complete WSU authentication using university-issued "w" number and network password
4. Click on "Find Funding" at top of resulting page.

*NOTE: Remote users accessing SPINPlus from off-site or from a non-WSU-registered IP address must VPN.*

For additional assistance navigating SPINPlus, please contact your SPIN administrator, Deborah Lundin, Ed.D., [deborah.lundin@wright.edu](mailto:deborah.lundin@wright.edu) or Ext.2423.

### **BASIC SEARCH**

SPINPlus provides a modern full-text search of entire records. You may search for any component of an opportunity, for example:

*Opportunity Title*  
*Sponsor Name*  
*SPINPlus Funding Opportunity Number*  
*Field/Subject Matter*  
*Eligible Applicant Types*

Results are returned in relevancy ranked format, and can be further sorted, grouped, or filtered by the results grid column headers.

# UNDERGRADUATE RESEARCH CELEBRATION!

The Celebration of Research, Scholarship, and Creative Activities is a salute to the scholarly explorations of an incredible variety of Wright State's undergraduate and graduate students.

Open to all disciplines, this daylong event showcases

lectures, posters, videos, slideshows, and other presentations of research, scholarship, and creative activities produced during the past year. Presentations are 20 minutes in length, which includes a brief question-and-answer segment with the presenter.



*The research celebration schedule on April 12, 2013, will follow the approximate schedule below:*

*Check-in and poster set-up: Starting at 7:30am*

*Morning Presentations: 9-11:30am*

*Poster Presentations: 11:30am - 1:30pm*

*Afternoon Presentations: 1:45-4pm*



**THE STAFF OF  
RSP WISH YOU  
HAPPY HOLIDAYS**