Winners Announced for the 2015 Annual Research Initiation and Professional Development Grants

The Wright State University Research Council recently convened to review submissions to its 2015 competition for the Research Initiation and Professional Development Grant programs. The Council received 27 quality proposals for funds to support new lines of research, as well as diverse scholarly activities and professional renewal. The Research Council would like to extend its congratulations to the awardees of the six selected projects:

**Professional Development**

<table>
<thead>
<tr>
<th>Name</th>
<th>College</th>
<th>Project Description</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deborah Crusan</td>
<td>COLA</td>
<td>Travel to Australia to Visit World-Renowned Specialists to Gather Data for Professional Development Leave Book Project: Keys to Teaching Pronunciation to English Language Learners: A Practical Handbook</td>
<td>$2,000</td>
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</table>

**Research Initiation**

<table>
<thead>
<tr>
<th>Name</th>
<th>College</th>
<th>Project Description</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daniel Asamoah</td>
<td>RSCOB</td>
<td>Assessing the Reliability of Medical Information on Online Social Media</td>
<td>$14,425</td>
</tr>
<tr>
<td>Derek Doran</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lynn Hartzler</td>
<td>COSM</td>
<td>Temperature Effects on Chemosensitivity Depend on Acid-Base Regulatory Strategy</td>
<td>$20,000</td>
</tr>
<tr>
<td>Nasser Kashou</td>
<td>CECS</td>
<td>Imaging of Convergence Insufficiency Treatment Effects</td>
<td>$20,000</td>
</tr>
<tr>
<td>Crystal Lake</td>
<td>COLA</td>
<td>The Everyday Practices of Reading in England, 1700 - 1850</td>
<td>$7,000</td>
</tr>
<tr>
<td>Noah Schroeder</td>
<td>CEHS</td>
<td>Development of a SIMPLE Solution for Introductory Computer Science: A Student-Centered Interactive Modular Performance-based Learning Environment</td>
<td>$12,600</td>
</tr>
</tbody>
</table>

**In This Issue...**

Notes From The AVP ......................................................... pg 2
Post Award NEWS .......................................................... pg 3
Sponsor ALERTS ............................................................. pg 5
Staff NEWS ................................................................. pg 7
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AWARDS ...................................................................... pg 9
NOTES from the AVP

Web redesign debuts

Thanks to the hard work of the staff members of the Office of the Vice President for Research and the Office of Marketing, we are happy to showcase our new website at http://www.wright.edu/research. The revamped site is easily accessible through the Wright State homepage and a click on the tab entitled, “Research.” Under “Related Offices and Resources,” you will find the landing spot for the Office of the Vice President for Research. From there, everything you ever wanted to know about Wright State research is at your fingertips.

Learn more about Pre Award and Post Award processes at the “Research and Sponsored Programs” site. A click on “Compliance” provides an overview of the numerous regulatory areas of the office and links to policies, forms, and training information. The “Technology Transfer” site is conveniently laid out so that you may choose either “Wright State Communities” or “Industry,” depending on your specific needs. The “RSP Gateway Login” link can be found on each of the major landing sites.

We started this project (longer ago than we would like to admit) by mapping our processes using color-coded post-its affixed to the walls of a conference room. Many many iterations later, we are pleased to join the ranks of academic units at Wright State that can boast a sleek and consistent web design. We hope you find it easy to use, and we seek your comments and suggestions for additions and improvements.

Ellen

Save the Date!!

RSP Orientation Seminar

Selected topics to be covered:
★ guidance on locating funding for research,
★ information regarding internal funding programs,
★ instructions on Wright State’s proposal submission and post award processes,
★ advice on compliance issues,
★ an overview of the services of the Office of Technology Transfer.

Friday, October 2, 2015
E156A/B Student Union
9:00A.M.-11:30A.M.

Proposal Help for Grant Writers

Found a really promising RFP?
Need that extra bit of help to develop your proposal?

Contact RSP to learn how to request assistance from Hanover Grants, a global information services group that provides comprehensive, customized services to Wright State University faculty and staff.

[Call ext. 2709 or email ellen.friese@wright.edu]
Okay, maybe not exactly fun, but implementation of Uniform Guidance (UG) has been interesting and challenging for the Office of Research and Sponsored Programs Office (RSP).

**What is Uniform Guidance?**

Uniform Guidance (formally 2 CFR 200 Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards) replaces the Office of Management and Budget (OMB) Circulars A-21, A-110, and A-133 and went into effect for federal awards issued December 26, 2014 and after. Uniform Guidance provides more streamlined guidance to non-federal recipients (Wright State falls into this category) regarding federally-funded projects.

**Why is Uniform Guidance important?**

The objective of Uniform Guidance is to reduce the administrative burden to non-federal recipients and to reduce the risk of waste, fraud, and abuse of federal funds.

Unlike the old OMB Circulars, more specific guidance has been provided and conflicting guidance has been removed. This allows your Pre Award Administrator to provide improved guidance during the budgeting process, and your Post Award Administrator to provide improved guidance regarding the allowable costs charged to a grant or contract.

**How does this affect the work on my project?**

While much of Uniform Guidance (as with the OMB Circulars) will be transparent to the faculty and staff involved with sponsored programs (instructional, training, research, or service activities managed by the University and supported by external funding), Cost Principles (Subpart E of Uniform Guidance) is the area with the most visible changes outside of RSP.

- **Reporting and closeouts for federal grants:** All reports for federally-funded projects have a submission deadline of 90 calendar days after the end date of the project. Some agencies are officially using a different deadline, such as the 120-day deadline for the National Institutes of Health. Closing out the federal grant in Wright State’s books must follow the same deadlines; this includes finalizing all expenditures and receiving all funds.
- **Subrecipient monitoring:** If subcontracts have been issued on your project, you may have seen a Subrecipient Monitoring Checklist attached to the subrecipient’s invoice. This is part of the UG’s tighter internal control requirements over subrecipients. These invoices must be paid by WSU within 30 days of receipt. If the subrecipient is required to provide technical reports, your Post Award Administrator may request proof of receipt. Post Award staff will be implementing an audit program with subrecipients, randomly requesting expense documentation to back up the subrecipient invoices, and will also be introducing a new subaward agreement format.
- **Computing devices:** This is the subject of so many discussions with Post Award staff! UG allows for the allocable portion of computing devices under $5,000 to be budgeted and directly charged

continued on page 4
to your federal grant without the device being used solely on the grant. The computing device must also be essential to the performance of the project.

**Clerical and administrative salaries:** UG removed the previous “major project” requirement for clerical and administrative salaries to be charged to federal grants. However, there are strict guidelines:
- Administrative and clerical services must be integral to the specific project.
- Individuals must be specifically identified in the budget.
- Costs are explicitly included in the proposed budget or have prior approval from the sponsor.

**Publication costs:** Another subject of many discussions, these are now allowable after the end date of the project.

**Meeting costs:** These expenses were previously outlined in a separate section in the OMB Circulars; however, they are now included in the Uniform Guidance under “Meetings, Retreats, Seminars, Symposia, and Workshops.” Meeting costs must involve the dissemination of technical information, and be necessary and reasonable for the performance of the award.

**Procurement/Purchasing:** UG lists new requirements, but these requirements have been delayed until July 1, 2016. There have been ongoing discussions at a national level, since the UG requirements are actually more burdensome.

**What if my project is not federally funded?**

RSP follows federal guidelines for all grant projects, regardless of the source of funds, ensuring clarity for everyone involved with the project’s administration. Consistent use of federal guidelines is also a safeguard in situations when the prime funding source was identified as "federal" long after the project was awarded, processed, and work started. Following the federal guidelines in all cases ensures minimal impact on managing the project.

For more information, please contact Glen Jones, Director of Post Award at ext. 4461, glen.jones@wright.edu or attend his Uniform Guidance session at Staff Development Day on August 17, 2015.

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**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 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](https://rspgateway.wright.edu).
2. Select “Login” in left side menu.
3. Complete Wright State University 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-Wright State University-registered IP address must complete the Virtual Private Network process: [http://www.wright.edu/information-technology/security/virtual-private-networks-software-overview](http://www.wright.edu/information-technology/security/virtual-private-networks-software-overview)

For assistance navigating SPINPlus, contact your SPIN administrator, Deborah Lundin, Ed.D., at deborah.lundin@wright.edu or call 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.
Reminder on New NIH Biosketch Policy

The National Institutes of Health (NIH) is now requiring use of the new biosketch format for applications submitted on or after May 25, 2015 (NOT-OD-15-032). This means...

All biosketches included in applications submitted for deadline dates on/after May 25, 2015 must be formatted per the instructions in the SF 424 Application Guide including:

- Completing each section:
  A – Personal Statement;
  B – Positions and Honors;
  C – Contributions to Science;
  D – Research Support or Scholastic Performance.
- Including no more than 5 contributions to science with no more than 4 citations per contribution.
- Ensuring, if you include the optional link to a full list of your published work on a site like “My Bibliography,” that the URL is publicly accessible without providing any login or personal information, and does not link to websites that may violate page limit rules.
- Refraining from including information, such as preliminary data, that belongs elsewhere in the application.
- Following NIH guidance on font type, font size, paper size, and margins.
- Using PDF format for your biosketch attachments.
- Limiting the length to 5 pages or less.

Failure to follow the policy means NIH has the authority to withdraw your application from consideration (NOT-OD-15-095).

The majority of the requirements listed (except the 5-page limit) would not be flagged until your application has already been submitted to NIH. If you do not follow the instructions and a biosketch in your application is found as non-compliant, you will not have the opportunity to correct it before the due date.

"Failure to follow the policy means NIH has the authority to withdraw your application from consideration."

"If....your application is found as non-compliant, you will not have the opportunity to correct it before the due date."

"All About Grants" Podcast

The “All About Grants Podcast” series is produced by the Office of Extramural Research (OER) and is designed for investigators, fellows, students, and research administrators to provide more information on the application and award process. These short episodes can be downloaded as an MP3 or a transcript at http://grants.nih.gov/podcasts/All_About_Grants/index.htm.

Podcasts regarding the NIH Biosketch and SciENcv are available at: http://nexus.od.nih.gov/all/2015/03/31/new-podcasts-on-the-nih-biosketch-and-sciencv/

• "Understanding NIH’s Biosketch Requirements"
• "Using SciENcv to Create an NIH Biosketch"
Dear Colleagues:

A request for public comment was published in the Federal Register regarding a draft updated standardized format for use in submission of both interim and final Research Performance Progress Reports (RPPR). This updated format is an initiative of the Research Business Models, an Interagency Working Group of the Social, Behavioral & Economic Research Subcommittee of the Committee on Science (CoS), a committee of the National Science and Technology Council (NSTC).

The original version of the RPPR format was approved for implementation in the Federal Register (FR) [Volume 75, pages 1816-1819, January 13, 2010]. As part of this FR notice, it was stated that the development of a final RPPR format would take place upon completion of the interim RPPR exercise. A revised draft of the format has been developed to incorporate lessons learned by agencies during the initial implementation of the RPPR. The approach also has been changed from using the format for interim performance progress reports only to using the format for both interim and final performance progress reports.

A “For Comment” version of the draft format, along with a summary of significant changes, are posted on the NSF website at: http://www.nsf.gov/bfa/dias/policy/rppr/index.jsp.

Comments must be received by COB September 21, 2015 and should be addressed to:

Suzanne H. Plimpton
Reports Clearance Officer
Office of the General Counsel
National Science Foundation
4201 Wilson Blvd.
Arlington, VA, 22230
email: splimpto@nsf.gov
telephone: (703) 292-7556
FAX (703) 292-9242

For information on the RPPR contact:

Jean Feldman
Head, Policy Office
Division of Institution & Award Support
National Science Foundation
201 Wilson Blvd.
Arlington, VA, 22230
email: jfeldman@nsf.gov
telephone (703) 292-8243

Best,

Jean Feldman, National Science Foundation
Michelle Bulls, National Institutes of Health
Co-Chairs, RPPR Working Group
Research Business Models Interagency Working Group
Chris Spohn joined the Post Award staff in April 2015. He comes from Wright State University’s Boonshoft School of Medicine where he was a staff accountant for the Office of Fiscal Affairs. He earned his Bachelor of Science degree in accounting from Wright State University. He will be the Post Award contact for Boonshoft School of Medicine (BSOM) and DHHS-LOC Grants, but excluding: House Bill funds and Clinical Trial Research Alliance grants.

Adam Moeller joined the Pre Award staff in May 2015 as Assistant Director. He comes to RSP from Riverside Research where he served as Business Manager of the Engineering and Support Solutions Directorate. He also previously worked as a Business Manager of the Division of Asthma Research at the Cincinnati Children’s Hospital, and served as a Sponsored Research Administrator at San Diego State University. He brings with him over six years of experience in grants management and pre award services. He earned a Bachelor of Science degree in psychology and a Master of Public Administration degree from Wright State University. He will be the Pre Award Administrator for all departments in the College of Science and Mathematics (except Chemistry), the College of Liberal Arts, and the Boonshoft School of Medicine’s Department of Community Health (except Healthy Communities). Adam replaces Marianne Shreck, who left Wright State to join the University of Dayton as a Contracts and Grants Administrator.

Amanda (Mandy) Karper was promoted from Program Facilitator to Compliance Coordinator. Her new responsibilities include: directing the implementation and launch of the Institutional Animal Care and Use Committee (IACUC) modules in the RSP Gateway, serving as the point of contact for the annual Significant Financial Interests (SFI) disclosures, and coordinating the Outside Interest Committee (OIC). She is currently working towards a Master of Business Administration degree with dual concentrations in Finance and Health Care Management from Wright State University, and looks forward to graduating next year.

In April 2015, because of her outstanding achievement in the Raj Soin College of Business, Mandy was nominated for membership and inducted into the Wright State University Chapter of Beta Gamma Sigma. The highly selective honor society was created to encourage and reward scholarship and accomplishments in the field of business studies, to promote advancement of education in the science of business, and to foster principles of honesty and integrity in business practice. Please join RSP in congratulating Mandy!
Emergency Power

Is your critical research equipment on emergency power? Do you know what happens to your critical research equipment if there is a power outage? How would your research be affected if a prolonged power outage were to occur? Could you recover from the loss of research samples currently stored in temperature-controlled units? Do you think your critical research equipment is powered by an emergency generator?

Wright State University, along with other state universities in Ohio, is part of the Inter-University Council Insurance Consortium (IUCIC). The program allows member institutions to realize benefits from the group purchase of property and liability insurance. Since 2008 there have been five claims submitted as part of the IUCIC program, resulting in over $1,000,000 worth of losses due to power or equipment failure to critical research equipment. Luckily, none of these losses occurred at Wright State University.

In an effort to better understand and address the risk of such a loss, the offices of Engineering and Construction, Physical Plant, Environmental Health and Safety, and Emergency Management are working together to develop testing procedures for the emergency Life Safety and Back-Up electrical power systems in each building. The first step is to identify the critical equipment now powered by the back-up generators and to further define additional equipment that should be connected to the back-up system. A survey is now available online to collect this essential information. We invite you, as a researcher, to become part of the solution by completing the survey. Our goal is to provide better service to meet your research needs, and lessen the likelihood for research material losses due to prolonged power outages.

Your assistance with completing the survey is appreciated. Click here to take the 5-question Emergency Power Survey.
AWARDS

The grants and contracts on these pages were awarded from January 2015 through May 2015

Boonshoft School of Medicine

Bovin, Gregory
Nanofiber Solutions Porcine Wound Study
Nanofiber Solutions, Inc.
$28,879

Brown, Thomas L.
HIF-1 Alpha Regulation of Trophoblast Differentiation in vivo
DHHS, National Institute of Child Health and Human Development
$297,096

Brown, Thomas L.
Genotypic Analysis of Preclampsia Biomarkers
Premier Health Partners
$30,000

Carlson, Robert G.
Daniulaityte, Raminta
Montgomery County Poisoning Death Review, 2015
Public Health Dayton and Montgomery County
$21,730

Cope, Timothy C.
Rich, Mark M.
Fyffe, Robert E.W.
Synaptic Function: Effects of the Nerve Injury and Altered Activity
DHHS, National Institute of Neurological Disorders and Stroke
$919,884

Czerwinski, Stefan Aleksander
Short-Term Health Research Training to Increase Diversity
DHHS, National Heart, Lung, and Blood Institute
$138,888

Duren, Dana L.
Versartis Skeletal Maturity Contract (14VR4)
Versartis, Inc.
$27,700

Elbsaiouny, Sherif M.
Fyffe, Robert E.W.
Mechanisms Underlying Excitability Regulation of Motoneuron Types in ALS
DHHS, National Institute of Neurological Disorders and Stroke
$323,750

Ford, JoAnn
Dunn, Kristen K.
Outpatient Substance Abuse/ Mental Health Treatment in Montgomery County
U.S. Probation Office for the Southern District of Ohio
$5,211

Gentile, Julie P.
Residency Traineeship Program for Psychiatric Residents in Dual Diagnosis - MI/DD
Ohio Department of Developmental Disabilities
$30,000

Gomez-Cambronero, Julian
PLD2, as a GEF or as a Lipase, is Central to Leukocyte Chemotaxis
DHHS, National Heart, Lung, and Blood Institute
$357,617

Jacobs, Bradley S.
Wysong, Mark
Platelet-Oriented Inhibition in New TIA
EMMES Corporation
$57,050

Kadakia, Madhavi P.
Role of DeltaNp63alpha in Vitamin D Mediated Cell Survival in Skin Cancer
DHHS, National Cancer Institute
$272,655

Leffak, I. Michael
Second-Site Genetic Modifiers of CTG/CAG Microsatellite Stability
DHHS, National Institute of General Medical Sciences
$277,400

Lehrer, Douglas S.
The Genomic Psychiatry Cohort (GPC)
University of Southern California
$50,000

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<table>
<thead>
<tr>
<th>Researcher(s)</th>
<th>Title of Study/Project</th>
<th>Funding Agency</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lindheim, Steven R. Wysong, Mark</td>
<td><em>A Study to Evaluate the Effectiveness of Essure Post-Nova Sure Radiofrequency Endometrial Ablation Procedure Following a Successful Essure Confirmation Test</em></td>
<td>Bayer Corporation</td>
<td>$9,842</td>
</tr>
<tr>
<td>Matsuura, John H. Wysong, Mark</td>
<td><em>A Prospective, Single-Blind, Randomized, Phase III Study to Evaluate the Safety and Efficacy of Fibrin Sealant Grifols (FS Grifols) as an Adjunct to Hemostasis During Peripheral Vascular Surgery</em></td>
<td>Grifols Inc.</td>
<td>$98,351</td>
</tr>
<tr>
<td>Matsuura, John H. Wysong, Mark</td>
<td><em>A Prospective, Single-Blind, Randomized, Phase III Study to Evaluate the Safety and Efficacy of Fibrin Sealant Grifols (FS Grifols) as an Adjunct to Hemostasis During Parenchymous Tissue Open Surgeries</em></td>
<td>Grifols Inc.</td>
<td>$98,351</td>
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<tr>
<td>Paul, Kimberly A.</td>
<td><em>Miscellaneous Awards Under DCOP Fiscal Agency Agreement</em></td>
<td>Dayton Clinical Oncology Program</td>
<td>$4,184</td>
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<tr>
<td>Paul, Kimberly A.</td>
<td><em>Miscellaneous Awards Under DCOP Fiscal Agency Agreement</em></td>
<td>Dayton Clinical Oncology Program</td>
<td>$4,184</td>
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<td>Paul, Kimberly A.</td>
<td><em>Miscellaneous Awards Under DCOP Fiscal Agency Agreement</em></td>
<td>Dayton Clinical Oncology Program</td>
<td>$4,184</td>
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<tr>
<td>Peirson, Ryan P.</td>
<td><em>Adult Professorship of Community Psychiatry: Ohio Department of Mental Health and Addiction Services</em></td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>$15,000</td>
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<tr>
<td>Pickoff, Arthur S. Wysong, Mark</td>
<td><em>Efficacy, Immunogenicity, and Safety Study of Clostridium difficile Toxoid Vaccine in Subjects at Risk for C. difficile Infection</em></td>
<td>Sanofi Pasteur, Inc.</td>
<td>$100,625</td>
</tr>
<tr>
<td>Pickoff, Arthur S. Wysong, Mark</td>
<td><em>A Phase III Clinical Trial Evaluating the Efficacy and Safety of TheraSphere in Patients with Metastatic Colonectal Carcinoma to the Liver Who Have Failed First Line Chemotherapy</em></td>
<td>Biocompatibles UK Ltd.</td>
<td>$25,650</td>
</tr>
<tr>
<td>Pickoff, Arthur S. Wysong, Mark</td>
<td><em>A Phase III Clinical Trial of Intra-Arterial TheraSphere in the Treatment of Patients with Unresectable Hepatocellular Carcinoma</em></td>
<td>Biocompatibles UK Ltd.</td>
<td>$13,195</td>
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<tr>
<td>Reo, Nicholas V.</td>
<td><em>NMR-Based Urinary Metabolomics for Detection and Assessment of Jet Fuel Exposure in a Rat Model</em></td>
<td>Henry M. Jackson Foundation</td>
<td>$45,458</td>
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<tr>
<td>Name</td>
<td>Title</td>
<td>Institution</td>
<td>Amount ($)</td>
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<tr>
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<tr>
<td>Reo, Nicholas V.</td>
<td>NMR-Based Metabolomics in Aerospace Physiology and Toxicology Research</td>
<td>Henry M. Jackson Foundation</td>
<td>19,639</td>
</tr>
<tr>
<td>Terry, John B.</td>
<td>A Multicenter, Double-Blind, Placebo-Controlled, Randomized, Parallel-Group Study to Evaluate the Safety and Efficacy of Intravenous Natallzumab (BG 00002) on Reducing Infrared Volume in Acute Ischemic Stroke</td>
<td>Biogen Idec MA Inc.</td>
<td>115,120</td>
</tr>
<tr>
<td>Terry, John B.</td>
<td>MISTIE III: A Phase III, Randomized, Open Label, 500-Subject Clinical Trial of Minimally Invasive Surgery Plus rt-PA in the Treatment of Intracerebral Hemorrhage</td>
<td>Johns Hopkins University</td>
<td>49,568</td>
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<tr>
<td>Travers, Jeffrey B.</td>
<td>Wounding Therapy and Photocarcinogenesis</td>
<td>Indiana University</td>
<td>39,427</td>
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<tr>
<td>Travers, Jeffrey B.</td>
<td>Mechanisms of Photocarcinogenesis in Geriatric Skin</td>
<td>Indiana University</td>
<td>28,711</td>
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<tr>
<td>Welton, Randon S.</td>
<td>Community Psychiatry Training Program</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>15,000</td>
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<tr>
<td>Wilson, Josephine F.</td>
<td>Second Chance Initiative</td>
<td>Montgomery County ADAMH Services Board</td>
<td>106,827</td>
</tr>
<tr>
<td>Wilson, Josephine F.</td>
<td>Evaluation Planning for Problem Gambling EBP</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>15,000</td>
</tr>
<tr>
<td>Wyatt, Christopher N.</td>
<td>An Investigation of the Effects of Putative Respiratory Stimulant Compounds on Isolated Rat Carotid Body Type I Cells</td>
<td>Galleon Pharmaceuticals</td>
<td>37,074</td>
</tr>
<tr>
<td>Yaklic, Jerome Lumetta</td>
<td>Extension Study to Evaluate the Long-Term Safety and Efficacy of Elagolix in Subjects with Moderate to Severe Endometriosis-Associated Pain</td>
<td>Theorem Clinical Research Inc.</td>
<td>119,340</td>
</tr>
<tr>
<td>Zoz, III, Donald F.</td>
<td>A Phase IIb, Randomized, Double-Blind, Placebo-Controlled Multi-Center Study Evaluating Antiviral Effect, Pharmacokinetics, Safety and Tolerability of GS-5806 in Hospitalized Adults with Respirator Syncytial Virus (RSV) Infection</td>
<td>Gilead Sciences, Inc.</td>
<td>39,722</td>
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**College of Education and Human Services**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruth, Jason D.</td>
<td>Increasing PAX in Montgomery County</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>117,014</td>
</tr>
<tr>
<td>Fruth, Jason D.</td>
<td>Increasing PAX in Madison County and Springfield</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>90,986</td>
</tr>
<tr>
<td>Lindsey, Jill L.</td>
<td>Evaluation of Beginning Principal Mentoring Program Local Models</td>
<td>Ohio Department of Education</td>
<td>30,000</td>
</tr>
<tr>
<td>Lindsey, Jill L.</td>
<td>Internship in Sinclair Community College's Student Leadership Development Office, 2014-2016</td>
<td>Sinclair Community College</td>
<td>29,737</td>
</tr>
</tbody>
</table>

**College of Engineering and Computer Science**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bourbakis, Nikolaos G.</td>
<td>A Methodology to Protect Classified Technical Documents: The Diagram Modification Approach</td>
<td>DoD, Office of Naval Research</td>
<td>122,551</td>
</tr>
<tr>
<td>Chen, Chien-In Henry</td>
<td>Compressive Sensing Technique Development for EW Receiver Application</td>
<td>Dayton Area Graduate Studies Institute</td>
<td>51,000</td>
</tr>
</tbody>
</table>
Chung, Soon M.
Abel, Marc Wesley
*Visualization and Fusion of Big Data*
Dayton Area Graduate Studies Institute
$51,000

Cox, Michael T.
*Goal-Driven Autonomy and Robust Architectures for Long-Duration Missions*
DoD, Office of Naval Research
$254,797

Cox, Michael T.
*MIDCA: A Metacognitive, Integrated Dual-Cycle Architecture for Self-Regulated Autonomy*
University of Maryland
$160,000

Cox, Michael T.
*Enhanced Platform for Metacognitive Robots*
University of Maryland
$37,100

Doom, Travis E.
Gallagher, John C.
Raymer, Michael L.
*Research and Development of Educational Methods for Use in Inverted-Lecture Computer Science Classrooms Based on a Model of the Barriers to Student Success in STEM*
Association of American Colleges and Universities
$125,000

Doran, Derek Edmund
*CRII: Discovering the Effects of Web Robot Traffic Web Servers and Clusters*
National Science Foundation
$150,294

Fendley, Mary E.
Piasecki, Alyssa M.
*Reduction in Anomaly Detection Failure Through Identification of Physiological Measures of Cognitive Bias*
Dayton Area Graduate Studies Institute
$43,500

Huang, Hong
*R/F Microwave Graphene-Based Impedance Chemical Gas Sensor*
Advratech, LLC
$15,688

Huang, Hong
*R/F Microwave Graphene-Based Impedance Chemical Gas Sensor*
Advratech, LLC
$11,865

Li, Sheng
*Refinement of OSU’s Scuffing Models for Lubricated Rough Surface Contacts of Rollers and Gears*
Ohio State University
$50,000

Mukhopadhyay, Sharmila M.
*REU Supplement: EAGER: Novel Catalyst Design Using Hierarchical Hybrid Materials*
National Science Foundation
$12,000

Ren, Saiyu
*Low Power Anti-Jam GPS Integrated Circuit Development*
RBS Technologies, LLC
$80,721

Grandhi, Ramana V.
*Collaborative Center in Multidisciplinary Sciences (CCMS)*
Virginia Polytechnic Institute and State University
$22,140
Rigling, Brian D.  
Garber, Fred D.  
Saville, Michael  
Shaw, Arnab K.  
Wischgoll, Thomas  
Rizki, Mateen M.  
Srinivasan, Raghavan  
Investigation of Elevated Temperature Deformation Behavior of Titanium Alloys  
RTI International Metals, Inc.  
$33,000  
Wolff, J. Mitch  
High Impact Technologies  
Dayton Area Graduate Studies Institute  
$46,000  
Wolff, J. Mitch  
Effects of Phase I Creep in Hypersonic Flight Design  
Air Force Institute of Technology  
$20,000  
Wolff, J. Mitch  
Experiment Thermal/Fluids Instrumentation  
Innovative Scientific Solutions, Inc.  
$9,275  
Xue, Kefu  
GRILL Team Funding  
Wright State Applied Research Corporation  
$95,343  
Yang, Zifeng  
Design of Bi-Plane Wind Turbine Blade with Houck's Concept  
Iron Hawk Enterprises  
$40,000  
Zhang, Xiaodong  
Health and Usage Management of the Main Hydraulic System of Forklift Trucks  
Industry  
$49,900  
College of Liberal Arts  
Dockery, Jane L.  
Evaluation of Northwest State Community College's Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grant  
Northwest State Community College  
$203,095  
Dockery, Jane L.  
Development of a Survey for the Straight A Datastrong Grant  
Columbus State Community College  
$49,969  
Dockery, Jane L.  
Darke County Community Health Needs Assessment 2015  
Wayne HealthCare  
$32,500
Dockery, Jane L.
Facilitation of Technology Transfer (T2) Optimization Workshop
Wright Brothers Institute, Inc.
$2,827

Murray, Carol S.
2015 Clark County Adult Community Health Assessment
Clark County Combined Health District
$29,251

Murray, Carol S.
2015 West Carrollton Citizen Perception Survey
City of West Carrollton, Ohio
$10,651

Murray, Carol S.
2015 Dayton Foundation Online Survey of Non-Profits
Dayton Foundation
$2,602

Subban, Jennifer
Comprehensive Neighborhood Initiative (CNI)
Montgomery County Family and Children First Council
$1,700

Wenning, Mary V.
Greene ESC
Greene County Educational Service Center
$20,767

Wiehe, Michael R.
Development of an Economic Development Strategic Plan for Greene County, Ohio
Greene County Department of Development
$35,000

Applications

College of Science and Mathematics

Arlian, Larry G.
Morgan, Marjorie S.
Scabies: Biology, Culture, Host Specificity, and Antigens
DHHS, National Institute of Allergy and Infectious Diseases
$365,000

Bowling, Nathan A.
Predictors of Trust/Suspicion in Automation
Systems Research and Applications International
$108,628

Brown, Elliott
III-N Devices and Architectures for THz Electronics
University of Notre Dame
$98,944

Brown, Elliott
1550-nm Extrinsic-GaAs Photomixers, Arrays and Spectrometers
DoD, Army Research Office
$87,516

Deibel, Jason A.
Petkie, Douglas T.
Terahertz Imaging – Developing Non-Invasive 3D Imaging of Paper Product Fit and Fluid Distribution on Consumers
Procter & Gamble Company
$29,884

Deibl, Jason A.
Design/Development and Characterization of Microwave/Terahertz Frequency Superconducting Antennas
University of Dayton
$25,000

Excoffon, Katherine
Isoform-Specific Regulation of the Coxsackie and Adenovirus Receptor in Polarized Epithelia
DHHS, National Institute of Allergy and Infectious Diseases
$444,000

Flach, John M.
Sirius Program
$3,004

Hennessy, Michael B.
Rhesus Model for Proinflammatory Influences on Depression
DHHS, National Institute of Mental Health
$194,276

Higgins, Steven R.
Development and Application of a Hydrothermal Atomic Force Microscope
Oak Ridge National Laboratory
$35,843

Kenyon, Lisa Orvik
Supporting Scientific Practices in Elementary and Middle School Classroom
Northwestern University
$17,530

Look, David C.
Hall Effect Measurements
More Than One Source of Support
$3,000
Lunsford, Suzanne K.  
Slattery, William  
*Partners in Integrated Earth Systems Science (PIES)*  
Ohio Board of Regents  
$76,924

McGowin, Audrey E.  
*Storm Water Pollutant Inputs to the Little Miami River via Yellow Springs and Birch Creeks*  
Clinton Streamkeepers  
$2,951

Medvedev, Ivan  
*Affordable Breath Analyses for Monitoring of Diabetes*  
University of Texas at Dallas  
$92,852

Medvedev, Ivan  
*Human Fatigue Assessment Based on Breath Biomarkers with Terahertz Chemical Sensors*  
Advratech, LLC  
$27,457

Qu, Long  
*Distance-Based Variable Selection for High-Dimensional Biological Data*  
Iowa State University  
$30,863

Readler, James M.  
Excoffon, Katherine  
*Elucidating the Mechanism of Group B Coxsackievirus Infection*  
American Medical Association Foundation  
$2,500

Ritzi, Jr., Robert W.  
*Ground Water Protection Program 2015*  
Cemex  
$9,871

Romine, William L.  
*Mission HydroScience*  
University of Missouri  
$119,884

Rooney, Thomas  
*Forest Inventory and Analysis 2015*  
Dairymen’s, Inc.  
$7,245

Slattery, William  
Lunsford, Suzanne K.  
*Science Teaching for Ohio’s New Economy (STONE)*  
Ohio Board of Regents  
$60,332

Tarpey, Thaddeus  
*Characterizing Placebo Response to Active Treatment Using Very High Dimensional Data*  
New York University School of Medicine  
$91,162

**Raj Soin College of Business**

Gregorich, Earl  
*Small Business Development Center*  
Ohio Development Services Agency  
$356,875

Munch, James M.  
*Speedway Emerging Leaders’ Executive Educational Program*  
Speedway LLC  
$61,500

**School of Professional Psychology**

Warfield, Janeece  
*Children Matter! Montgomery County (CMMC) Project*  
Montgomery County ADAMH Services Board  
$98,255

**Student Affairs**

Wanderi, Joy W.  
*Community Partnership Grant FY2015*  
Global Ties U.S.  
$4,596

Wanderi, Joy W.  
*Diplomacy Begins Here Summit Grant*  
Global Ties U.S.  
$1,300

**Universitywide**

Barnhart, Amy  
*PELL Grant Program 2014/2015*  
U.S. Department of Education  
$8,928,670

Gordon, Seth E.  
*Veterans Voices Project*  
Ohio Humanities Council  
$20,000

Narayanan, Sundaram  
*Neuroscience and Medical Imaging*  
DoD, Air Force, Air Force Research Laboratory  
$120,000
Vice President for Research and Dean of the Graduate School

Barlow, Cassie B.
Five Year Strategic Plan for Ohio Federal and Military Jobs Commission
Ohio Board of Regents
$700,000

Gross, David C.
Mobile EW Laboratory
MacAulay-Brown, Inc.
$125,759

Gruenberg, James
Provision of Emergency Management Expertise - IPA
Veterans Affairs Medical Center
$15,000

We congratulate those receiving external funds and encourage those with unfunded proposals to consult with us about resubmission.

Parker, Jason G.
Wright Brothers Institute Operations
Wright Brothers Institute, Inc.
$1,767,733

Parker, Jason G.
ShadowBox
Center for Operator Performance
$152,250

Parker, Jason G.
Evidence-Based HMI Color Design: Research and Process Center for Operator Performance
$47,250

Pickoff, Arthur S.
Kauffman, Shannon L.
Surefire Catheter versus Standard End-Hole Microcatheter in yttrium-90 Distribution and Tissue Penetration: A Pilot Study
SureFire
$83,025

Smith, Jack E.
Provision of Emergency Management Expertise - IPA
Veterans Affairs Medical Center
$15,000