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Fall 2015

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RESEARCH & RSD SPONSORED PROGRAMS RESEARCH & RSD PROGRAMS PROGR

Fall 2015 Vol. 47 No. 1

Research Thrives Amid FY2015 Dip in Overall Funding

Wright State University recorded 444 awards for a total of \$81,711,317 from all external sources in Fiscal Year 2015. Though this represents another dip in the University's overall funding profile, external support of basic and applied research efforts rose again for the second year in a row, increasing by another 3.7% over the previous fiscal year. Additionally, the \$42,186,141 awarded for research support became the majority type of funding (51.6%) received in FY2015. The University's Colleges/Schools continue to explore and engage in strategies for increasing its competitiveness in the pursuit of external funding.

As always, the Office of the Vice President for Research and the Office of Research and Sponsored Programs are here to offer support and assistance to any WSU faculty or staff in locating funding opportunities and to provide guidance in 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 a proposal to the same or other sponsors. Please also visit our web site (*http://www*. wright.edu/research/research*and-sponsored-programs*) for information about the services we offer

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Calendar of Events

December 2015

12/8 - SPIN Database Workshop

January 2016

- 1/12 RSP Gateway Proposal Development Workshop
- 1/21 NIH Application Preparation Workshop
- 1/27 Write Winning Grant Proposals Seminar (p. 9)
- 1/28 NSF CAREER Award Seminar (p. 9)

February 2016

2/9 - Budget Development/ Budget Justification Workshop

March 2016

3/14 - NSF Application Preparation Workshop

April 2016

- 4/13 RSP Gateway Proposal Development Module Workshop
- 4/15 Celebration of Research, Scholarship, and Creative Activities (*p. 8*)

See page 10 for times and locations for many of these events!

NOTES from the AVP Wright State Resources for Success

RSP recently hosted one of my favorite events of the year, our new faculty orientation. I welcome the opportunity to meet our new crop of faculty members, and this year we had a great turnout. Some things never change--new assistant professors, fresh from their doctoral work or from post-doc stints, hit the campus enthusiastic about their roles and excited about starting down the path of promotion and tenure. We understand that this can be a daunting process and want to spread the word that RSP is one of many resources available to new faculty members on campus.

This year the orientation session featured a panel of representatives from across campus, each with a different story and offer of their resources to help faculty members along their career paths. We were pleased to have the support and presence of the Deans or Associate Deans from BSOM, CECS, CoLA and COSM, as well as the Wright State Research Institute, CaTS and Dunbar Library. With changing technology and an evolving funding landscape, investigators were offered many tools and resources to help them in their career advancement.

RSP, of course, has a number of ways to facilitate the success of faculty members, at any stage of their careers. In addition to the tried and true assistance with proposal development and submission, post-award grant and contract assistance and liaisons with regulatory committees, the Office of the Vice President for Research recently hired a Director of Research Compliance,

Mr. Matt Grushon, J.D. Under his guidance, an Export Compliance Officer and HIPAA/Privacy Compliance Officer will be hired to further boost the University's research infrastructure.

All this to say, faculty success is our number one priority. We want nothing more than to celebrate your victories, help you spend that hard-won money in achieving the research outcomes supported by the sponsor, all while informing you of federal regulations that will help keep all of us in compliance. Welcome and good luck!

Ellen

Keeping Our Academic Community Aware

Due to the collaborative nature of the academic community in which we work, Wright State University is a potential target of "academic solicitation." The term is defined by the Defense Security Service as the "use of students, professors, scientists or researchers as collectors improperly attempting to obtain sensitive or classified information." Foreign intelligence entities attempt to gain access to sensitive or classified information or technology by exploiting unsuspecting faculty members, researchers and students by many means. These can include unsolicited requests for access to research publications. unsolicited

assistance with review of draft publications, unsolicited invitations to attend or present at international conferences, and requests to access software and dual-use technology.

It is often difficult to distinguish legitimate contacts from those nefarious attempts to gain access to



sensitive information. The key is awareness. Members of the Wright State community who receive contacts in the form of e-mail, telephone or personal communication that appear to be unusual or suspicious should report those activities to Ms. Ellen Reinsch Friese at *ellen.friese@wright.edu*. The Defense Security Service website is an excellent resource for more information associated with the insider threat, cyber awareness and other hot topics related to security: *http://www.dss.mil/*

Post Award NEWS-

Report Reminder Emails: What Do They Mean?

How are report reminders generated?

When an award is transitioned from Pre Award to Post Award, the grants accountant creates the award in Banner Admin - only one section of the overall university financial system. The award document is carefully reviewed and the appropriate reporting events are entered into Banner. If you see a report reminder that doesn't appear to be correct, please contact your grants accountant or Glen Jones, Director of Post Award (*glen. jones@wright.edu*).

The report reminder emails are automatically generated from Banner (not directly from Glen himself). The emails are sent to the principal investigator (PI), all co-investigators, the business manager of the assigned default organization, the PI's supervisor, the PI's department accounting staff if applicable, Glen Jones, the grants accountant, and the Controller's Office by way of the accountant who administers procurement card activity (for Grant Closeout Reminders only).

Why are report reminders generated?

Timely report submission to the sponsors is extremely important. Compliance with the sponsors' requirements must be demonstrated by Wright State. Non-compliance can result in audit findings on Wright State University's annual external A-133 audit; sponsors may withhold payment; and/or may withhold new awards. Tracking the reporting events through the university's financial system provides demonstration of compliance.

Why do I get different reminders for the same grant?

A reporting event is entered into Banner for each type of required report, for each due date. Grant closeout emails are generated automatically by Banner based on the current end date of your grant.

Technical/Progress/PI-related reporting events:

Reminders are sent 30 days prior to the due date, on the due date, and in 30-day increments if past-due. If any fiscal information is required within this type of report, please contact your grants accountant. Post Award staff must approve all financial information provided to a sponsor.

Fiscal and administrative reports, including invention reports and property reports: These reports are generated and submitted by the grants accountant; you may be asked to provide additional information. These reminders are sent 30 days prior to the due date, on the due date, and in 30-day increments if past-due.

Grant closeout reminders: These reminders are automatically sent out 90, 60, and 30

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days prior to the grant end date listed in Banner. This is to prompt you and others in your department to monitor grant expenditures, evaluate the possible need for a no-cost extension request, and to confirm that additional funding is in process, if applicable.

My report has been submitted; why am I still receiving the reminder?

The report reminder emails continue to be generated automatically from Banner if the reporting event hasn't been "satisfied," or marked by the grants accountant as having been submitted to the sponsor. You may have submitted the report, but the Post Award staff has not been informed of the submission. Proof that the report has been submitted to the sponsor must be provided to the grants accountant -- generally a copy of the transmittal email or a copy of the submission cover letter (if mailed). Occasionally a report is submitted in-person or may be part of a live presentation. In those situations, please email the grants accountant to explain what action took place and where and when it took place, along with a copy of the report or presentation. If a report is submitted online, email a screenshot showing the report was submitted as proof of submission, or forward the submission confirmation email from the sponsor.

Contact Glen or your *grants accountant* if you have questions regarding any of the reminder emails.

Pre Award NEWS.

Proposal Setup Questions: An Important Step for Communicating with Your Pre Award Administrator

RSP worked with University IT experts to streamline the process for PIs to submit requisite project information to the Pre Award staff for proposal creation in the RSP Gateway. Providing initial proposal information is an important step to complete while working with your Pre Award Administrator through the proposal submission process. Here are just a few reasons why:

- 1. A proposal cannot be started in the RSP Gateway without the answers to these questions. The proposal created in the RSP Gateway is used to administratively record University proposals to external sponsors, to route internally for administrative approvals, and, in cases of submissions through Grants.gov, the RSP Gateway-created proposal becomes the building block application package for eventual submission (no more downloading from Grants.gov!).
- 2. It saves time by removing the need for continuous emails and phone calls to obtain the requisite information such as project period dates, place of performance, needed protocol approvals, etc.
- **3.** It provides internal documentation for the information included in the proposal. RSP must be able to verify the source of the information provided in response to the setup questions if a future inquiry emerges.

When you decide to move forward with a proposal submission, please contact your Pre Award Administrator at your earliest convenience. Our first step will be to send you the link to the setup questions: *http://infoed.wsri.com/pi/proposal-setup-questions*. If you encounter any problems while filling out the setup questions, do not hesitate to contact RSP!

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.
- 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/virtualprivate-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.

Sponsor ALERTS.

Upcoming Changes for NIH Submissions

There will be significant changes to policies, forms, and instructions for 2016 grant applications to the National Institutes of Health (NIH) and the Agency for Healthcare Research and Quality (AHRQ)

NIH and AHRQ have announced upcoming changes to policies, forms, and instructions for 2016 grant applications using *NOT-OD-16-004*.

The changes focus on the following areas:

- Rigor and transparency in research See NOT-OD-16-011 and NOT-OD-16-012
- Vertebrate animals See NOT-OD-16-006
- ◆Inclusion reporting -See *NOT-OD-16-010*
- Data safety monitoring
- Research training See NOT-OD-16-007 and NOT-OD-15-112
- ◆Appendices changes coming in Spring 2016
- Font requirements See *NOT-OD-16-009*
- Biosketch clarifications

Some of the new policy changes will require additional data collection and updates to current application forms. System support and guidance for these changes are planned to be in place by March 25, 2016 (*NOT-OD-15-146*).

The policy and guidance changes will be implemented in two phases:

Phase 1: Implements a subset of the policy changes using the existing forms (FORMS - C) and updated instructions, which will *impact deadlines on or after January 25, 2016.*

By November 25, 2015, updates will be made to the **general and small business (SBIR/STTR)** application guides used with FORMS – C application forms. Instructions for individual **fellowship applications** will be incorporated into the general application guide and no longer maintained as a separate guide. These changes will be effective for due dates on or after January 25, 2016 and before May 25, 2016. **Phase 2:** Completes the implementation with the introduction of new forms (FORMS – D) and instructions, which will *impact deadlines on or after May 25, 2016*.

By March 25, 2016, new application guides will be provided requiring the use of FORMS – D application forms for due dates on or after May 25, 2016.

All active Funding Opportunity Announcements (FOA) will be reissued or updated to include FORMS – D at least 60 days prior to the

first due date on or after May 25, 2016, including parent announcements, administrative supplements, research training, career development, individual fellowship and



multi-project FOAs that include Individual Career Development, Institutional Career Development or an NRSA Training component.

FORMS – D application packages will be added to all other active research FOAs (updating existing FOAs without reissuing).

FORMS – C application packages will expire after the May 7, 2016 AIDS due date.

There will be a short transition period where institutions will need to select the appropriate forms package to use based on the submission due date.

Additional changes:

A New PHS Assignment Request Form will be added to the FORMS – D application packages to provide a consistent way to collect application referral information (currently being provided in the application cover letter) such as:

- NIH institute/awarding component
- Study section
- List of potential reviewers with conflicts and why
- •List of scientific expertise needed to review the application

See NOT-OD-16-008.

Sponsor ALERTS NSF Publishes New GPG (16-1) Effective January 25, 2016

Below are excerpts from the first few pages of the new Grants Proposal Guide (GPG), outlining the significant changes from the previously published GPG. For a comprehensive copy, visit http:// www.nsf.gov/publications/pub_ summ.jsp?ods key=nsf16001.

• Chapter I.F, *When to Submit Proposals*, has been updated to remove the ability to use other than 5 p.m. submitter's local time in solicitations. Failure to submit by 5 p.m. submitter's local time will result in the proposal not being accepted.

• Chapter II.C.1.e, Collaborators & Other Affiliations Information, is a new singlecopy document that requires each senior project personnel to provide information regarding collaborators and other affiliations. This information previously was provided as part of the Biographical Sketch. The new format no longer requires proposers to identify the total number of collaborators and other affiliations when providing this information.

• Chapter II.C.2.f, *Biographical Sketch(es)*, has been supplemented to inform proposers that...it is no longer allowable for the biographical sketches of all senior personnel to be grouped together in a single PDF file. Biographical sketches must now be uploaded separately for each individual identified on the proposal as senior personnel. Biographical sketches for Other Personnel and for Equipment proposals (Chapter II.C.2.f (ii) and (iii) respectively), however, should be uploaded as a single PDF file in the Other Supplementary Documents section of the proposal.

• Chapter II.C.2.h, Current and Pending Support, has been revised to reflect that all current project support should be listed in this section of the proposal, including internal funds allocated toward specific projects. It is no longer allowable for the current and pending support of all senior personnel to be grouped together in a single PDF file. Current and pending support must now be uploaded separately for each individual identified on the proposal as senior personnel.

• Chapter II.C.1, *Single-Copy Documents*, has been changed to reflect that, since proposers submit the *Information about PIs/PDs and co-PIs/co-PDs* as part of the PI profile in FastLane, it has been deleted from the list of single-copy documents.

Also, when submitting a list of suggested reviewers, PIs should include the email address and institutiona



and institutional affiliation of persons they believe are well qualified to review the proposal.

• Chapter II.C.2.a(4)(h), *Cover Sheet*, contains guidance on the procedure to follow if the specific location of an international conference is not known at the time of proposal submission. A parallel change has been made to Chapter II.C.2.j.

• Chapter II.C.2.b, *Project Summary*, has been modified to remind proposers that only Project Summaries that use special characters may be uploaded in the Supplementary Documents section. Such Project Summaries must contain separate headings for Overview, Intellectual Merit and Broader Impacts or the proposal will be returned without review.

• Chapter II.C.2.d(iii), *Results* from Prior NSF Support, has

continued from page 6

been revised to reflect that the information must be provided for any PI or co-PI that has received NSF funding with a start date in the past five years (including any current funding and no-cost extensions). Information also has been added on which types of NSF awards must be reported on in this section of the proposal.

• Chapter II.C.2.g(v), *Participant Support*, has been supplemented with information on the types of costs that may be proposed and under what scenarios they are allowable.

• Chapter II.C.2.j, *Special Information and Supplementary Documentation*, now specifies the format that must be used for letters of collaboration.

• Chapter II.D.7, *Proposals Involving Vertebrate Animals*, contains updated guidance on the information that must be provided in the Project Description for projects that involve use of vertebrate animals and the procedure to follow if IACUC approval has not been obtained prior to submission. For some types of vertebrate animals (e.g. nonhuman primates), additional review may be required.

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Office of Technology Transfer NEWS

Online Invention Disclosure Process



The Office of Technology Transfer's invention disclosure process is now fully electronic. Please

visit the invention disclosure website at *https://www.wright. edu/research/technology-transfer/forms-and-policies* for more details and to create an account.

Library's Patent and Trademark Resource

Wright State University has a wonderful Patent and Trademark

Resource Center (PTRC) located at the library. The PTRC provides patent searching guidance,



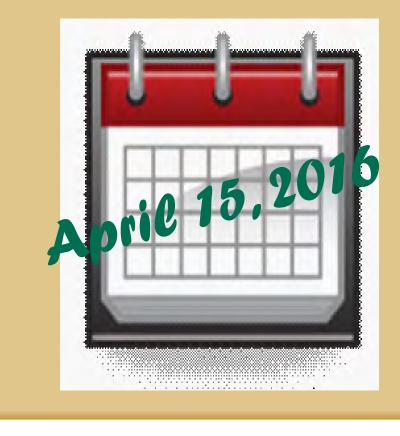
intellectual property workshops and much more. Please contact Ran Raider at *ran.raider*@ *wright.edu* or visit the website at *http://guides.libraries.wright. edu/ptrc* for more information.

Save the Date!

The Celebration of Research, Scholarship, and Creative Activities

Open to all disciplines, this daylong event showcases lectures, posters, videos, slideshows, and other presentations of research, scholarship, and creative activities produced by students during the past year.

Students and their mentors are encouraged to participate on **April 15, 2016**. Details on registering to participate will be published in early 2016.



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Staff NEWS

Staff Additions: Office of the Vice President for Research

Matt Grushon,

J.D. joined the office of the Vice President for Research as the Director of the Office of



Research Compliance in August 2015. He previously worked as the Director of Operations at the University's Wright State Research Institute, and in the Dean's Office of the College of Education and Human Services. Matt earned his Bachelor's degree from Ohio University, and his law degree from Ohio State University. The Office of Research Compliance will oversee areas related to conflicts of interest, HIPAA and privacy, export controls, and the responsible conduct of research.

Dr. Jason Parker joined the office of the Vice President for Research in August 2015 as the Director for Research Development. In this



role he will work closely with faculty and University leadership to strategically grow the University's research portfolio. Dr. Parker's initial focus will be on creating new opportunities and initiatives in the areas of neuroscience and neuroimaging, leveraging the Neuroscience Engineering Collaboration (NEC) Building and the new opportunities and potential it holds for Wright State. Dr. Parker will also manage his own lab (NEC 331), which will focus on new tools for data acquisition and data analysis in functional neuroimging.

Previously, Dr. Parker was the Director of the University's Wright State Research Institute (WSRI) where he was actively involved in the growth of Wright State's applied and use-inspired research portfolio. He earned his B.S. in Applied Physics from Rensselaer Polytechnic Institute, and his Ph.D. in Medical Physics from the University of Florida.



The Office of the Vice President for Research and the Office of Research and Sponsored Programs are pleased to announce two upcoming seminars:

Write Winning Grant Proposals

A day-long seminar with emphasis on applications to the National Institutes of Health (NIH) and the National Science Foundation (NSF) is scheduled on <u>Wednesday</u>, January 27, 2016. This seminar is designed for experienced and novice applicants, including faculty, post-docs and research staff who are engaged in writing grant proposals.

NSF CAREER Award

A one-half day seminar is scheduled for the <u>morning of Thursday</u>, <u>January 28</u>, <u>2016</u>. This seminar is designed for faculty who are preparing to submit a NSF CAREER Award proposal. It will focus on how to package and present the proposal and will provide valuable tips and advice.

Although there is **no cost** to attend either seminar, *registration will be required*.

Stay tuned for future announcements on registering to attend!

RSP WORKSHOPS – FALL 2015-Spring 2016		
RSP GATEWAY:		
Using the Proposal Development Module for System-to-System Submission and/or Internal Routing		
DESCRIPTION:	This workshop will familiarize attendees with the RSP Gateway module used for both proposal development/submission through the Gateway and electronic routing. Presentation topics include types of information required to complete the proposal package; what steps must be taken to access the package; how to enter/upload proposal materials into the package; and how to approve the proposal during the routing process.	
DATES & LOCATIONS:	Tuesday, January 12, 2016; 2:30 – 4:00 p.m. in SU Discovery Room 163A Wednesday, April 13, 2016; 2:30 – 4:00 p.m. in SU Discovery Room 163A	
	wednesday, April 15, 2010, 2.50 – 4.00 p.m. in 50 Discovery Room 105A	
FUNDING OPPORTUNITIES:		
HOW THE RSP GATEWAY'S SPIN MODULE CAN ENHANCE YOUR SEARCH		
DESCRIPTION:	In this hands-on workshop, attendees will learn to navigate the University's subscription database, SPIN, and learn various techniques for performing funding searches.	
DATES & LOCATIONS:	Tuesday, December 8; 3:00 – 4:00 p.m. in LX012	
	Spring Semester 2016: To Be Announced	
	Spring Semester 2010. To be Announced	
NATIONAL INSTITUTES OF HEALTH (NIH) APPLICATION PREPARATION WORKSHOP		
DESCRIPTION:	This workshop is intended for all faculty, staff and those who assist in preparing NIH proposals. The workshop goal is to provide a detailed overview and discuss the major attachment components of the proposal. This workshop will provide tips for proposal preparation and incorporate the new NIH SF424 R&R Application Guide changes NIH plans to publish by November 25, 2015.	
DATE & LOCATION:	Thursday, January 21, 2016 from 9:30 – 11:00 a.m. in SU Discovery Room 163A	
BUDGET DEVELOPMENT/BUDGET JUSTIFICATION		
DESCRIPTION:	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!	
DATE & LOCATION:	Tuesday, February 9, 2016 from 10:00 – 11:00 a.m. in SU Discovery Room 163A	
NATIONAL SCIENCE FOUNDATION (NSF) APPLICATION PREPARATION WORKSHOP		
DESCRIPTION:	This workshop is intended for all faculty and staff who assist in preparing proposals to the National Science Foundation. The workshop goal is to provide a detailed overview and discuss the major attachment components of a basic research program proposal to the NSF.	
DATE & LOCATION:	Monday, March 14, 2016 from 9:30 – 11:00 a.m. in SU Discovery Room 163A	
Planning to attend a workshop? Please RSVP to Jan Power at <i>rsp@wright.edu</i> or call ext. 2425. When responding, indicate the workshop topic and date. If you are unable to attend any of the scheduled workshops, but would like to learn more about the topics, please contact Dr. Deborah Lundin at <i>deborah.lundin@wright.edu</i> or call ext. 2423.		



The grants and contracts on these pages were awarded from June 2015 through September2015

Boonshoft School of Medicine

Boivin, Gregory Grobe, Nadja Comparison of Physiologic Responses to Different Mouse Euthanasia Methods American Association for Laboratory Animal Science \$22,783

Boivin, Gregory Biopsy Study Devicor Medical Products, Inc. \$5,463

Brown, Thomas L. *HIF-1 Alpha Regulation of Trophoblast Differentiation in vivo* DHHS, National Institute of Child Health and Human Development \$137,240

Cauley, Katherine L. Community Health Workers First Ohio State University \$208,690

Czerwinski, Stefan Aleksander Lee, Miryoung Quantifying Healthy Birth, Growth, and Development Knowledge Integration Bill & Melinda Gates Foundation \$184,917 Daniulaityte, Raminta Carlson, Robert G. Nahhas, Ramzi Sheth, Amit Thirunarayan, Krishnaprasad *Trending: Social Media Analysis to Monitor Cannabis and Synthetic Cannabinoid Use* DHHS, National Institute on Drug Abuse \$461,348

Duren, Dana L. Chumlea, W. Cameron Doom, Travis E. Nahhas, Ramzi Sherwood, Richard J. *Updating Skeletal Maturity Methods for U.S. Children* DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases \$331,172

Ford, JoAnn Montgomery County Offender Reentry Program DHHS, Substance Abuse and Mental Health Services Administration \$1,199,984

Ford, JoAnn Wilson, Josephine F. Integrated Continuum-of-Care Services (ICS) Project DHHS, Substance Abuse and Mental Health Services Administration \$500,000 Gentile, Julie P. Cowan, Allison Smith, Andrew B. Harper, Bethany L. Mast, Ryan C. *Ohio's Telepsychiatry Project* Ohio Department of Developmental Disabilities \$225,000

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

Hershberger, Paul J. Bricker, Dean Allen, Jeffery B. Smith, Sherrill Jeanne Huber, Mary Josephine Wilson, Josephine F. Integrated SBIRT Training for Medical, Nursing, Counseling, and Clinical Psychology Students and Residents DHHS, Substance Abuse and Mental Health Services Administration \$315,000 Jacobs, Bradley S. Wysong, Mark A Phase IIIb, Double-Blind, Multicenter Study to Evaluate the Efficacy and Safety of Alteplase in Patients with Mild Stroke: Rapidly Improving Symptoms and Minor Neurologic Deficits (PRISMS) Genentech, Inc. \$105,033

Kinzeler, Nicole Wilson, Josephine F. *Mental Health First Aid* Interact for Health \$38,078

Ladle, David R. Mechanisms of Reciprocal Inhibition Development DHHS, National Institute of Neurological Disorders and Stroke \$319,375

Lawhorne, Larry Wayne Klykylo, William M. Weston, Christina G. Preparing the Workforce for Ohio's Medicaid Population: Addressing the Needs of the Young and the Old Ohio State University \$464,619

LeRoy, Gary L. Ohio Innovation Partnership Choose Ohio First Scholarship Program Ohio Board of Regents \$240,000

Lindheim, Steven R. Wysong, Mark A Randomized, Double Blind, Double Dummy, Parallel Group, Multi-Center Phase IIb Study to Assess the Efficacy and Safety of Different Dose Combinations of an Aromatase Inhibitor and a Progestin in a Vaginal Ring Versus Placebo and Leuprorelin/ Leuprolide Acetate in Women with Symptomatic Endometriosis Over a 12 Week Treatment Period (ESPARIOS) Bayer HealthCare Pharmaceuticals Inc. \$97,864

Lindheim, Steven R. Global Preconception Carrier Screening (GPCS) in Clinical Practice: A Survey of Physician and Patients' Impressions and Attitudes Progenity, Inc. \$16,670

Long, Weiwen ERK3 Kinase Signaling in Lung Cancer DHHS, National Cancer Institute \$338,550

McCarthy, Mary C. Wysong, Mark An Open Label, Randomized Study to Determine the Rate of Cardiovascular Events at 1 Year for Patients with Elevated Troponins Post Major Non-Cardiac Surgery and the Impact of Ticagrelor Versus Aspirin on the Occurrence of Cardiovascular Events Named INTREPID Cleveland Clinic Foundation \$75,378 Organisciak, Daniel T. *Testing Antioxidant Efficacy in an Animal Model of Photo-Oxidative Retinal Damage* Eyepex Formulas \$34,000

Organisciak, Daniel T. Antioxidants and Retinal Gene Expression Profiles Ohio Lions Eye Research Foundation \$18,500

Orlowski, Marietta A. *Team Nutrition: Smarter Lunchrooms - Ohio* Ohio Department of Education \$7,500

Orlowski, Marietta A. OHIO - Smarter Lunchrooms Local Partnership Stipend Ohio Department of Education \$6,500

Parikh, Priti Whitmill, Melissa Lynn Hendershot, Kimberly M. Parikh, Pratik Woods, Randy J. Impact of Inter-Facility Transfer and Secondary Over-Triage on Trauma Care in the State of Ohio Ohio Department of Public Safety \$75,790

Paul, Kimberly A. *Miscellaneous Awards Under DCOP Fiscal Agency Agreement* Dayton Clinical Oncology Program \$18,059

Rich, Mark M. *Reduced Motorneuron Excitability in Sepsis* DHHS, National Institute of Neurological Disorders and Stroke \$325,632 Sahu, Ravi P. Environmental Pro-Oxidation Stressors and Immunosuppression DHHS, National Institute of Environmental Health Sciences \$162,517

Sherwood, Richard J. Improved Head-Neck Finite Element Model for Dynamic Head Impact Simulation Johns Hopkins University \$102,301

Sulentic, Courtney E.W. *Biomedical Scholars Program* DHHS, National Institute of General Medical Sciences \$262,922

Towne, Bradford Genetic Epidemiology of Ocular Health and Disease University of Texas Health Science Center at San Antonio \$30,467

Travers, Jeffrey B. Sahu, Ravi P. Cool, David R. Li, Gengxin *Platelet Activating Factor and Epidermal Cytoxicity* DHHS, National Heart, Lung, and Blood Institute \$385,606

Travers, Jeffrey B. Mechanisms of Photocarcinogenesis in Geriatric Skin Indiana University \$108,333 Wilson, Josephine F. Online VR Assessment and Service Protocol to Enhance Employment of Individuals who are Deaf DHHS, Administration for Community Living \$367,800

Wilson, Josephine F. Ford, JoAnn Williams, Julie L. Evaluating the Effectiveness of Online, Portal-Based Vocational Rehabilitation Services DHHS, Administration for Community Living \$364,646

Wilson, Josephine F. *Ohio SBIRT* Ohio Department of Mental Health and Addiction Services \$216,618

Xu, Yong-Jie Signaling Mechanism of the DNA Replication Checkpoint DHHS, National Institute of General Medical Sciences \$259,000

Zoz, III, Donald F. Wysong, Mark A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Assess the Efficacy and Safety of GS-6624 in Subjects with Idiopathic Pulmonary Fibrosis (RAINIER) Gilead Sciences, Inc. \$117,272

College of Education and Human Services

Davis, Stephanie FY16 Alternative Teacher Preparation and Retention Grant Ohio Department of Education \$50,000

Fruth, Jason D. Huber, Mary Josephine Implementing Evidence-Based Kernels Ohio Department of Mental Health and Addiction Services \$300,614

Harris, Charlotte M. Dayton Regional Science, Technology, Engineering, and Mathematics School Services Agreement Dayton Regional Science, Technology, Engineering, and Mathematics (STEM) School \$3,348

Lindsey, Jill L. Oversight of Research for the Ohio Education Research Center Ohio State University \$60,000

Lindsey, Jill L. *Clark State Community College Internship 2015 - 2016* Clark State Community College \$19,282

Lyon, Anna *Reading Recovery: Scaling Up What Works* Ohio State University \$6,000

College of Engineering and Computer Science

Amer, Maher S. Micro-Raman Investigation of Residual and Thermal Stresses in Si/SiC Composites During High Temperature Annealing Universal Technology Corporation \$34,998

Cao, Caroline Development and Validation of a Virtual Airway Skill Trainer (VAST) Rensselaer Polytechnic Institute \$90,221

Chung, Soon M. Abdel-Latif, Hamza M. Detection and Segmentation of Dynamic Human Signatures from Clustered LIDAR Streams Dayton Area Graduate Studies Institute \$45,500

Cox, Michael T. *Robust and Adaptable Visual Scene Understanding* Decisive Analytics \$37,000

Ganapathy, Subhashini Gallagher, John C. Cheatham, Michelle Andreen EAGER: Intelligent Agent Incident Command System Augmentation National Science Foundation \$175,000 Grandhi, Ramana V. Neiferd, David John Bae, Ha-Rok *Multidisciplinary Size, Shape, and Topology Optimization of Thermoelastic Structures Under Combined Loading* Dayton Area Graduate Studies Institute \$51,000

Hitzler, Pascal *III: Small: TROn - Tractable Reasoning Ontologies - Supplement* National Science Foundation \$88,898

Hitzler, Pascal Cheatham, Michelle Andreen EarthCube Building Blocks: Collaborative Proposal: GeoLink in Leveraging Semantics and Linked Data for Data Sharing Supplement National Science Foundation \$9,000

Huang, Hong Phase-Cancelled, Broadband, Graphene-Based Impedance Sensor (Phase II) Advratech, LLC \$177,279

Huang, Hong Soft Organic Functional Technology (SOFT) -Nanostructured Architectures for Structural Batteries Universal Energy Systems, Inc. \$33,000

Mawasha, P. Ruby *Community College Bridge Mentoring Program* Ohio Space Grant Consortium \$5,000 Mawasha, P. Ruby Ohio Space Grant Consortium Scholarship/Fellowship Program 2013/2014 Ohio Board of Regents \$3,500

Parikh, Pratik Wischgoll, Thomas Flach, John M. EAGER: Collaborative Research: A New Science of Visual Experience National Science Foundation \$195,845

Pei, Yong Operation Room Scheduling Optimization - Pilot Project Phase Kettering Medical Center \$29,900

Phillips, Chandler A. Continued Development of Human Operator Information Models (HOIM) for Research on Non-invasive Brain Stimulation Affects on Information Processing Performance InfoSciTex \$22,891

Raymer, Michael L. *Ohio Consortium for Bioinformatics* Ohio Board of Regents \$31,200

Rigling, Brian D. Garber, Fred D. Saville, Michael Shaw, Arnab K. Wischgoll, Thomas Rizki, Mateen M. Sensor and Information Research Center for Understanding Systems (SIRCUS) DoD, Air Force, Air Force Research Laboratory \$340,056 Rigling, Brian D. *A DARPA Effort* Industry \$229,400

Rigling, Brian D. Collaborative Research: I/UCRC Center for Surveillance Research, Phase II National Science Foundation \$97,200

Rigling, Brian D. Fogle, Orelle R. Contested Environment Radio Frequency Exploitation and Research (CERFER) Matrix Research & Engineering \$92,000

Rigling, Brian D. Garber, Fred D. Saville, Michael Shaw, Arnab K. Wischgoll, Thomas Rizki, Mateen M. Sensor and Information Research Center for Understanding Systems (SIRCUS) DoD, Air Force, Air Force Research Laboratory \$50,000

Rigling, Brian D. Utilization of Hybrid Computing for High Throughput Identification of Beneficial Chemicals or Biological Interrogations for Human Effectiveness High Performance Technologies, Inc. \$36,652

Rigling, Brian D. *Parallel Synthetic Aperture Acoustic Imaging Processing* High Performance Technologies, Inc. \$35,396 Rizki, Mateen M. Development of Visualization Tools and Techniques for Mass Spectral and Volatile Organic Compund Sensor Development Dayton Area Graduate Studies Institute \$19,758

Saville, Michael Rigling, Brian D. SAR Image Formation from CAD Models Deep Learning Analytics \$280,429

Saville, Michael *Clutter Modeling for Ray Tracing Methods* Riverside Research \$33,238

Sheth, Amit Thirunarayan, Krishnaprasad Shalin, Valerie L. *IIS: Medium: Context-Aware Harrassment Detection on Social Media* National Science Foundation \$925,104

Sheth, Amit Thirunarayan, Krishnaprasad Shalin, Valerie L. *Hazards SEES: Citizen and Physical Sensing Enabled Decision Support for Disaster Management of Infrastructure* Ohio State University \$787,500

Sheth, Amit Mackay, John K. *PFI: AIR-TT: Market Driven Innovations and Scaling Up of Twitris - A System for Collective Social Intelligence* National Science Foundation \$200,000

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Shingledecker, Clark 2015 Choose Ohio First Ohio Board of Regents \$228,609

Sucosky, Philippe Contribution of Hemodynamic Shear Stress Abnormalities to Calcific Bicuspid Aortic Valve Disease National Science Foundation \$154,839

Sunar, Ulas Quantitative Endoscopic Imaging and Structured Light Delivery for Controlled Drug DHHS, National Institute of Biomedical Imaging and Bioengineering \$225,227

Thirunarayan, Krishnaprasad Sheth, Amit Medical Information Decision Assistance and Support Milcord LLC \$25,000

Thomas, Scott Keith Potts, Marc David *NASA Lunar Mining Robot -Senior Design Team* Ohio Space Grant Consortium \$5,000

Wolff, J. Mitch Experiment Thermal/Fluids Instrumentation Innovative Scientific Solutions, Inc. \$9,275

Wu, Zhiqiang Acoustic Signal Processing and Ultrasonic Communication Network Kalos Technologies, Inc. \$50,000 Wu, Zhiqiang Intelligent Spectrum Sensing Based Cognitive Radio Architecture for Cyberspace Operations Kalos Technologies, Inc. \$26,600

Zhang, Xiaodong Verification and Validation of Adaptive Learning Control System Towards Safety Assurance and Trusted Autonomy Intelligent Automation, Inc. \$30,971

Zhuang, Yan Thin Film Polymeric Frequency Selective Artificial Cochlea Advratech, LLC \$28,035

Zhuang, Yan *Thin Film Semiconductor Characterization and Fabrication* University of Dayton \$27,000

Zhuang, Yan Artificial Cochlea Research Support Advratech, LLC \$6,720

College of Liberal Arts

Cortes, Tess General Operating Support: Art Galleries Ohio Arts Council \$7,050

Dockery, Jane L. Accreditation Readiness and CQI Support for Local Health Districts Association of Ohio Health Commissioners \$43,000 Dockery, Jane L. *Provision of Consulting Services for Montgomery County* Burges & Burges Strategists \$30,000

Dockery, Jane L. Evaluation Services for Beavercreek City Schools' Design Thinking Project Beavercreek City School District \$20,000

Dockery, Jane L. *Study of the Local Area Composition for WIOA Designation* Area 7 Workforce Investment Board \$10,840

Dustin, Jack L. Sheth, Amit *The Westwood Partnership to Prevent Juvenile Repeat Violent Offenders* Ohio Office of Criminal Justice Services \$140,000

Killian, Jerri Greene County Records Intern Greene County Records Center and Archives \$6,000

Killian, Jerri *Public and Social Service Transportation Curriculum and Internship Program, SFY2016* Ohio Department of Transportation \$5,000

McLellan, Marjorie L. *City of Dayton Property Inventory* Thriving Communities Institute \$65,000 Murray, Carol S. 2015 MCO Future Voter Perception Survey Burges & Burges Strategists \$10,073

Murray, Carol S. 2015 Beavercreek Township Voter Perception Survey Beavercreek Township \$9,410

Murray, Carol S. 2015 City of Kettering Parks, Recreation & Cultural Arts Citizen and User Online Satisfaction Survey Sustaita Architects, Inc. \$9,189

Wenning, Mary V. Dustin, Jack L. Salem Avenue Peace Corridor Initiative: A Proposal for Data Collection and Analysis Salem Avenue Peace Corridor LLC \$5,000

College of Nursing and Health

Farra, Sharon L. *Effects of Virtual Reality Simulation on Worker Emergency Evacuation of Neonates* DHHS, Agency for Healthcare Research and Quality \$243,555

Smith, Sherrill Jeanne Wright State University Veteran's Bachelor of Science Nursing Program DHHS, Health Resources and Services Administration \$332,183 Smith, Sherrill Jeanne Farra, Sharon L. Virtual Reality Strategies in Nursing Education: Effectiveness in Teaching Nursing Students Decontamination Procedures National League for Nursing, Inc. \$21,827

College of Science and Mathematics

Arlian, Larry G. *Laundry Sample Analysis* Procter & Gamble Company \$3,850

Bowling, Nathan A. *Predictors of Trust/Suspicion in Automation* Systems Research and Applications International \$79,654

Brown, Elliott *High-Resolution Sensing of DNA Nanostructures in the THz Region* University of California \$168,919

Brown, Elliott Non-Contact, THz Sensing of Corneal Hydration University of California, Los Angeles \$22,468

Bubulya, Paula Pre-mRNA Processing Factors Maintain Normal Mitosis DHHS, National Institute of General Medical Sciences \$377,388

Cipollini, Donald F. Evaluating the Risk Posed by Emerald Ash Borer to Fringetrees, Chionanthus spp. U.S. Department of Agriculture \$44,000 Deibel, Jason A. Design/Development and Characterization of Microwave/ Terahertz Frequency Superconducting Antennas University of Dayton \$22,512

Deibel, Jason A. Ultrafast Laser Assisted Field Emission from Carbon Nanotube Materials Universal Energy Systems, Inc. \$13,608

Excoffon, Katherine *Travel Grant for Attending the* 2015 Annual ASV Meeting American Society for Virology \$1,000

Hammerschmidt, Chad R. Collaborative Research: GEOTRACES Arctic Section: Mercury Speciation and Cycling in the Arctic Ocean National Science Foundation \$79,994

Hammerschmidt, Chad R. Benthic Phosphorus Fluxes in the Lower Great Miami River Watershed Southwest Ohio Miami Conservancy District \$48,369

Higgins, Steven R. Development and Application of a Hydrothermal Atomic Force Microscope Oak Ridge National Laboratory \$18,000 Houpt, Joe Dynamic Generalizations of Systems Factorial Technology for Modeling Perception of Fused Information DoD, Air Force Office of Scientific Research \$138,031

Ju, Shulin Zhong, Quan Developing a Novel Pipeline to Identify Human Gene Suppressors of Cellular Toxicity Induced by Proteins Associated with Neurodegenerative Disease Industry \$150,000

Juvina, Ion Theory and Research Unifying Social/Game-Theoretical/ Ecological/Cognitive & Computational Approaches to Trust Dynamics (TRUSTE-CC) DoD, Air Force Office of Scientific Research \$147,733

Kenyon, Lisa Orvik Supporting Scientific Practices in Elementary and Middle School Classroom Northwestern University \$50,417

Kozlowski, Gregory Development of Robust Compact Sources for Alkali Atom Systems Universal Energy Systems, Inc. \$15,000

Look, David C. Native Point Defects, Electrically-Active Impurities, and Plasmonics ZnO Interfaces Ohio State University \$60,000 Peters, Jeffrey L. Lavretsky, Phillip Developing A Standardized Field Key To Distinguish Among Mallards (Anas platyrhynchos) American Black Ducks (Anas rubripes) and Their Hybrids U.S. Department of Interior, Fish & Wildlife Service \$58,534

Peters, Jeffrey L. Genetic Connectivity of Waterfowl Between Australia and Papua New Guinea Commonwealth Scientific and Industrial Research Organization \$12,000

Petkie, Douglas T. *TeraHertz Samples - Non-Federal* More Than One Source of Support \$15,300

Ritzi, Jr., Robert W. Gershenzon, Naum *Center for Geologic Storage of CO2* University of Illinois \$196,642

Rooney, Thomas Establishing a Scientific Basis for Garlic Mustard Control and Eradication on Private Lands Dairymen's Foundation, Wisconsin \$8,000

Schneider, Tamera Intergovernmental Personnel Act (IPA) Assignment of Dr. Tamera Schneider from Wright State University to the National Science Foundation National Science Foundation \$139,605 Schneider, Tamera Research and Analytical Support for the 711th HPW Human Effectiveness Directorate DoD, Air Force, Air Force Research Laboratory \$11,384

Sharma, Amit Raj Priezjev, Nikolai Sulman, Mohamed H. M. Paliy, Oleg MRI: Acquisition of High Performance Computer Cluster for Multidisciplinary Computational Research and Education National Science Foundation \$150,000

Sharma, Amit Raj *Carbon Nanotube Synthesis and Modeling* Universal Energy Systems, Inc. \$30,240

Traxler, Adrienne L. Petkie, Douglas T. Schroeder, Noah L. Improving Pathways for STEM Retention and Graduation (IPSRG) Central State University \$56,011

Wang, Jinju Chen, Yanfang *Co-/Transplantation of NPCs and EPCs Produced From Human iPSCs for Treating Ischemic Stroke* American Heart Association -Great Rivers Affiliate \$26,000

Library

Dewey, Dawne University of Dayton Roesch Library Archives Public History Internship University of Dayton \$7,680

Dewey, Dawne Greene County Records Center and Archives Internship Greene County Records Center and Archives \$3,600

Dewey, Dawne University of Dayton Roesch Library Archives Public History Internship University of Dayton \$300

School of Professional Psychology

Cigrang, Jeffrey A. Evaluation of a Brief Marriage Intervention for Internal Behavioral Health Consultants in Primary Care Army Medical Research Acquisition Activity \$878,979

Schultz, Michelle S. *Practicum Training: ADAMHS Board, FY2016* Montgomery County ADAMH Services Board \$62,000

Schultz, Michelle S. SOPP Internship: Dayton Children's Hospital FY2016 Dayton Children's Hospital (Dayton) \$32,000 Schultz, Michelle S. SOPP Practicum Training: Brief Therapy FY2016 Brief Therapy Center \$21,000

Schultz, Michelle S. SOPP Internship: Summit BHC FY2016 Summit Behavioral Healthcare \$16,000

Schultz, Michelle S. SOPP Internship: PHP Upper Valley Medical Center FY2016 Premier Health Partners \$16,000

Schultz, Michelle S. SOPP Practicum: Hillcrest Academy FY2016 Hillcrest Academy \$14,000

Schultz, Michelle S. SOPP Practicum: UD Counseling Center FY2016 University of Dayton \$12,400

Schultz, Michelle S. SOPP Practicum: Court Clinic Site FY2016 Central Clinic \$9,000

Schultz, Michelle S. SOPP Practicum: Summit BHC FY2016 Summit Behavioral Healthcare \$9,000

Schultz, Michelle S. SOPP Practicum: Center for Adolescent Services FY2016 Center for Adolescent Services \$9,000 Schultz, Michelle S. SOPP Practicum: Samaritan Behavioral Health FY2016 Samaritan Behavioral Health, Inc. \$6,000

Schultz, Michelle S. SOPP Practicum: Self Matters FY2016 Self Matters LLC \$2,400

Schultz, Michelle S. SOPP Practicum: Samaritan Behavioral Health FY2015 Samaritan Behavioral Health, Inc. \$2,125

Winfrey, LaPearl L. *REEP: Research and Evaluation Enhancement Program* Ohio Commission on Minority Health \$75,000

Universitywide

Barnhart, Amy *PELL Grant Program 2015/2016* U.S. Department of Education \$2,074,257

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

Barnhart, Amy Supplemental Educational Opportunity Grant Program (SEOG) 2015/2016 U.S. Department of Education \$384,784 Barnhart, Amy *PELL Grant Program 2014/2015* U.S. Department of Education \$55,482

Barnhart, Amy Science, Mathematics, and Research for Transformation (SMART) Defense Scholarship Program 2015/2016 American Society for Engineering Education \$13,082

Barnhart, Amy Science, Mathematics, and Research for Transformation (SMART) Defense Scholarship Program 2014/2015 American Society for Engineering Education \$4,463

VP for Curriculum and Instruction

Sudkamp, Thomas A. Articulation and Transfer FY2016 Ohio Board of Regents \$1,180,936

Sudkamp, Thomas A. *Credit When It's Due* Ohio Board of Regents \$53,750

VP for Research and Dean of the Graduate School

Andersh, Dennis J. *The Dayton Metro Plan for Economic Diversity* DoD, Office of Economic Adjustment \$7,049,590 Fogle, Orelle R. Rigling, Brian D. *Robust Adaptive Sensing Research Support* Defense Engineering Corporation \$9,498

Malek, David A. Live, Virtual, and Constructive (LVC) Training, Rehearsal, and Exercise Infrastructure, Business Case, and Integration for Emergency Response Wright State Applied Research Corporation \$30,973 Parker, Jason G. *Evidence-Based HMI Color Design: Research and Process* Center for Operator Performance \$62,473

Parker, Jason G. *Procedure Warnings, Cautions, and Notes* Center for Operator Performance \$38,648

Pickoff, Arthur S. Ali, Omair M. Wysong, Mark Effectiveness, Safety, Rapidity and Accuracy of a Pressure Wire System for Assessment of a Left Ventricular Outlet Obstruction St. Jude Medical, Inc. \$0 Wysong, Mark Clinical Nurse to Support the Miami Valley Hospital Department of Surgery Premier Health Partners \$98,000

Wysong, Mark SSA Health IT Records Social Security Administration \$3,705

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