

Spring 2016

## WSU Research News, Spring/Summer 2016

Office of Research and Sponsored Programs, Wright State University

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# RESEARCH NEWS

From the Office of Research and Sponsored Programs - Serving the Research Community of Wright State University

Spring/Summer 2016 Vol. 47 No. 2

## *Winners Announced for the 2016 Annual Research Initiation and Professional Development Grants*

The Wright State University Research Council recently met to review submissions to its 2016 competition for the Research Initiation and Professional Development Grant programs. The Council received 42 quality pro-

posals 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 ten selected projects:

### *Professional Development*

Shreya Bhanderi	COLA	<i>Coping Strategies of Indian Women Facing Domestic Violence</i>	\$900
Gary Burns	COSM	<i>International Collaboration to Develop A Non-Evaluative, Public Access Version of the AB5C Personality Inventory</i>	\$3,000
Gina Oswald	CEHS	<i>Development of International Research and Educational Opportunities for Students with Disabilities with the United Kingdom</i>	\$3,000
Heidi Wendt	COLA	<i>Braiding Ropes of Sand: Gospel Literature and the Making of Early Christian Diversity</i>	\$1,925

### *Research Initiation*

Maher Amer	CECS	<i>Enabling Near Infrared Raman Spectroscopy Facility for Biological Samples Investigation</i>	\$16,000
Amir Hassan Zadeh	RSCOB	<i>Wearable Technology and Data Science for Injury Prevention in Sports</i>	\$14,000
David Ladle	BSOM	<i>Characterization of Gene Expression in Muscle Proprioceptive Afferent</i>	\$15,400
Debra Mayes	BSOM	<i>The Role of N-Acetyl Cysteine in Blood Brain Barrier Modulation</i>	\$15,500
Ivan Medvedev	COSM	<i>Detection of Respiratory Pathogens Based on THz Chemical Sensing</i>	\$14,000
Silvia Newell	COSM	<i>Nutrient Removal and Greenhouse Gas Production Trade-Offs in Constructed and Natural Wetlands</i>	\$15,000

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# NOTES from the AVP

## Wright State Now a Member of the University Research Forum

We are happy to announce that Wright State University has recently become a member of the University Research Forum of the Education Advisory Board (EAB). What is the EAB? Launched in 2007, EAB uses its analysts and consultants to find the most progressive and successful practices in higher education and provides detailed recommendations on what to do (and not to do), along with comprehensive guidance on implementation of those practices. The University has already benefited from membership in the Academic Affairs Forum and the IT Forum of the EAB. With the resources of the University Research Forum now literally at our fingertips, we hope faculty and staff will take advantage of what the membership has to offer.

EAB staff members work closely with University research leaders to identify key themes to advance institutional priorities. EAB has established a University Research Forum Agenda for 2016. It includes:

- 1) preparation of a study to help universities increase corporate support for research and examine the pace and volume of commercialization activity with corporate sponsors; and

- 2) preparation of a study to assist universities in achieving research growth target through an approach that aligns multiple stakeholders around strategic goals.

In addition, EAB has set “short-term deliverables,” to include overviews of best practices to identify and engage potential corporate partners, enhance faculty research productivity, and financial models for core facilities. Their study methodology includes literature reviews and interviews with experts, member surveys and in-depth interviews, on-site reviews and final analysis and recommendations.

If you have a <wright.edu> e-mail address, you may register for access to the services provided by EAB under Wright State’s membership agreement. Registration is easy and the link may be found at: <https://www.eab.com/>.

Once registered, you will be pleasantly surprised to find a rich collection of topical reports, archived webconferences, and other event notifications. You can also sign up for the EAB Daily Briefing, an overview of the biggest stories in higher education. Enjoy!



Ellen

## Planning Ahead: Facilities and Administrative Costs (or Indirect Costs) Rate Policy

The Wright Way Policy (no. 5305), Facilities and Administrative Costs (F&A) for Sponsored Programs, is being updated and clarified. Specifically, the policy will no longer contain a list of itemized exceptions to the application of F&A on proposals being submitted for external funding. Going forward, the F&A rate to be applied will reflect either the appropriate rate based on the University’s federally negotiated rate agreement for specific activities (<http://www.wright.edu/research/research-and-sponsored-programs/pre-award/budget-development#facilities>) or, the published rate as determined by the funding sponsor. Requests for a rate reduction or a waiver of F&A will be determined on a case basis by the Office of the Vice President for Research or the Provost. The updated Wright Way Policy will be shared with the University community once it has been finalized.

Research and Sponsored Programs strongly encourages PIs to fully cost out his/her proposed project during discussions with the funding sponsor. Start early and contact your RSP Pre Award Administrator (<http://www.wright.edu/research/research-and-sponsored-programs/pre-award/pre-award-services>) for budget development support.



# Pre Award NEWS

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## Proposal Budget Development: Updated Rates for Fringe Benefits

As you develop a proposal budget, keep in mind that salary and fringe benefits rates will change over time, perhaps even annually. Such is the case with the University's fringe benefits for FY2017. Effective July 1, 2016 to June 30, 2017, fringe benefit rates for faculty, staff, and students will change to the following:

- ◆ full-time faculty (51% FTE or more), **27.3%**;
- ◆ faculty – part-time, overload, summer, retirees, **22.80%**;
- ◆ full-time unclassified (including hourly), **31.9%**;
- ◆ part-time unclassified staff, **15.0%**;
- ◆ full-time classified staff, **50.9%**;
- ◆ OPERS-covered students, **17.8%**

A proposal budget should reflect current rates, and when developing a multi-year budget, the annual fringe benefit rate should be increased by 1.5% over the previous years to cover potential/projected inflation. For help with budget development, communicate with your Pre Award Administrator: <http://www.wright.edu/research/research-and-sponsored-programs/pre-award/pre-award-services>.

## ALERT: Spend As You Go; More Than One No Cost Extension is Not Guaranteed

### *Spend As You Go*

During the life of a grant or contract, the standard practice for expending should be to “spend as you go,” and to confirm the expenses are being charged to the appropriate accounts. Assuming no significant adverse events take place that meaningfully stymie the project, a large percentage of expenditures should not occur during the fourth quarter of an awarded project. Additionally, sponsors will require justification when requesting to carry over funds in excess of 25% of the annually awarded amount, either into a subsequent project



extension (NCE) phase. Delayed spending, or lack of spending, along the way can potentially raise red flags for concerns such as over-inflated proposed budgets, among others.

### *No-Cost Extensions*

More often than not, funding agencies will automatically provide a no-cost extension of 6-12 months beyond a project's natural end date to Principal Investigators (PIs) who need additional time to complete one or more approved activities. Simply wanting a no-cost extension in order to spend unexpended funds is not an adequate justification for the extension request! But what happens once the no-cost

extension has expired and the project is not complete? While it is possible to request an additional no-cost extension, it is by no means granted automatically. Rather, the PI will have to provide a detailed plan for the extended timeframe along with a justification for needing the additional time.

Though it is not possible to plan for all contingencies while crafting your research project or sponsored program, it is important to create a budget that accurately reflects proposed needs and, during project implementation, for expenditures to keep pace with project activity. And if a no-cost extension may be needed, contact your Post Award Administrator for guidance.

## Reminder: NIH has Moved to FORMS-D

Launched for use in May 2016, NIH now requires applicants to use FORMS-D application packages for proposal submission. The link to Forms-D can be found at: <http://grants.nih.gov/grants/how-to-apply-application-guide.htm>. The newly designed Forms-D offer filtered views to see just the



instructions you need for research (R), career development (K), training (T), fellowship (F), multiproject (M) or SBIR/STTR (B) applications. All form changes listed below are accompanied by an added/updated burden statement and form expiration date, as well as updated form instructions:

### ***PHS 398 Career Development Award Supplemental Form***

- ✓ New attachments:
  - *Candidate Information and Goals for Career Development* attachment combines the following into a single attachment:
    - *Candidate's Background*
    - *Career Goals and Objectives*
    - *Candidate's Plan for Career Development/Training Activities During Award Period*
  - *Data Safety Monitoring Plan*
  - *Authentication of Key Biological and/or Chemical Resources*
- ✓ Updated citizenship selections
- ✓ Reorganization of attachments
- ✓ Changes in field order and labels

### ***PHS 398 Cover Page Supplement***

- ✓ New Vertebrate Animals section added
  - New questions:*
    - *Are animals euthanized? If "Yes," is method consistent with AVMA guidelines? If "No" to AVMA guidelines, describe method/provide scientific justification*
- ✓ Ability to add Program Income information for 10 budget periods (previously 5)
- ✓ Changes in field order and labels

### ***PHS 398 Modular Budget***

- ✓ Indirect (F&A) Costs section changed to dynamically add indirect costs rather than providing static fields for four entries
- ✓ Minor changes in labels

### ***PHS 398 Research Plan***

- ✓ New attachments:
  - *Data Safety Monitoring Plan*
  - *Authentication of Key Biological and/or Chemical Resources*
- ✓ Minor changes in format and labels

### ***PHS 398 Research Training Program Plan***

- ✓ *Background and Recruitment Plan to Enhance Diversity* attachments have been removed (information previously included in these attachments moved to existing *Program Plan* attachment)
- ✓ New attachments:
  - *Plan for the Instruction in Methods for Enhancing Reproducibility*
  - *New Data Safety Monitoring Plan*
- ✓ Changes in format and labels including categorizing attachments into sections

### ***PHS 398 Training Budget***

- ✓ Minor changes in labels

*Continued on pg 5*

***PHS 398 Training Subaward Budget Attachment(s) Form***

- ✓ Streamlined instruction text

***PHS Assignment Request Form***

- ✓ New, optional form
- ✓ Used to provide structured information to NIH referral staff regarding:
  - funding component assignment preference,
  - study section preference,
  - individuals who should not review your application due to conflicts, and
  - scientific areas of expertise needed to review your application
- ✓ Complements existing *Cover Letter* attachment on SF424 (R&R) form

***PHS Fellowship Supplemental Form***

- ✓ New attachments
  - *Applicant's Background and Goals for Fellowship Training* attachment combines the following:
    - *Doctoral Dissertation and Other Research Experience*
    - *Goals for Training and Career*
    - *Activities Planned Under Award*
  - *Letters of Support from Collaborators, Contributors, and Consultants*
  - *Description of Institutional Environment and Commitment to Training*
  - *Data Safety Monitoring Plan*
  - *Authentication of Key Biological and/or Chemical Resources*
- ✓ New Vertebrate Animals questions added
  - *Are animals euthanized? If "Yes," is method consistent with AVMA guidelines? If "No" to AVMA guidelines, describe method/provide scientific justification*

- ✓ Updated list of values for the Field of Training for Current Proposal; changed to 3-digit codes
- ✓ Updated citizenship selections
- ✓ Reorganization of attachments
- ✓ Changes to format and labels

***PHS Inclusion Enrollment Report***

- ✓ Combines Planned Enrollment Report and Cumulative Inclusion Enrollment Report forms into a single form
  - Questions used to identify type of report:
    - *Delayed onset study?*
    - *Enrollment Type? Planned/Cumulative (Actual)*
    - *Using an Existing Dataset or Resource?*
    - *Enrollment Location? Domestic/Foreign*
    - *Clinical Trial? NIH-Defined Phase II Clinical Trial?*

**FORMS-D  
application packages are required  
for all future NIH deadline dates.**

**Forms D link to the  
application instructions:  
<http://grants.nih.gov/grants/how-to-apply-application-guide.htm>**

# National Science Foundation: Additional Auto-Compliance Checks

NSF continues to focus on the automated compliance checks of proposals in order to decrease the burden on both the research community and NSF staff.

**Effective July 25, 2016**, all proposals will be subject to a new series of automated compliance validation checks to ensure proposals comply with requirements outlined in Chapter II.C.2. of the *Proposal and Award Policies and Procedures Guide* (PAPPG).

*The new set of automated compliance checks will trigger error messages for each of the following rules:*

- Biographical Sketch(es) and Current and Pending Support files are required for each Senior Personnel associated with a proposal; and
- Biographical Sketch(es) can only be uploaded as a file, must not exceed two pages, and can no longer be entered as text.

### **Note About Proposal File Update (PFU):**

Proposers should be aware that if a proposal was received prior to July 25 and contained only one Biographical Sketch and/or Current & Pending Support file (rather than individual files for each senior personnel), a PFU addressing any section of the proposal will result in the proposal not being accepted if it does not comply with these new

compliance checks. The checks will be run on all sections of the proposal regardless of which section was updated during the PFU.

### **Note About Grants.gov:**

Proposers should also be aware that Grants.gov will allow a proposal to be submitted, even if it does not comply with these proposal preparation requirements. Should NSF receive a proposal from Grants.gov that is not compliant, it will be returned without review.

Please note that the new set of compliance checks **are in addition to** the compliance checks that currently exist in FastLane. You can view a complete list of FastLane auto-compliance checks, including these checks, by clicking *here*. The list specifies which checks are run depending on funding opportunity type (GPG, Program Description, Program Announcement, or Program Solicitation) and type of proposal (Research, RAPID, EAGER, Ideas Lab, Conference, Equipment, International Travel, Facility/Center, or Fellowship). It also specifies whether the check triggers a “warning” or “error” message for non-compliant proposals.



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

Wright State University has access to SPIN, 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.

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 SPIN 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>

For assistance navigating SPIN, contact your SPIN administrator, Deborah Lundin, Ed.D., at [deborah.lundin@wright.edu](mailto:deborah.lundin@wright.edu) or call ext. 2423.

### **BASIC SEARCH**

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

- Opportunity Title*
- Sponsor Name*
- SPIN 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.

## 11 Things to Know about Cost Sharing (Matching)

- 1) Cost sharing or matching is the portion of a grant that is not paid for by the sponsor.
- 2) Cost sharing helps to document the true cost of a grant, shows WSU's commitment to the project, provides a true picture of WSU's total research, is used in reports that influence our research ranking with other universities; and helps to document how space is utilized.
- 3) *Mandatory* cost sharing is a required condition of the award; *Voluntary Committed* cost share is offered during the proposal and becomes required once awarded; *Voluntary Uncommitted* cost share is effort or expenditures in excess of the budgeted cost share.
- 4) Cost share can be either cash (from a Wright State University source), which may include labor and other expenses directly related to the grant, but not charged to the grant; or a non-cash contribution provided by a third party ("in-kind"), such as volunteer time or free printing.
- 5) Cost share should be included on the proposed budget when it is mandated by the sponsor or when the contribution is necessary to ensure the success of the competitive proposal. Unallowable cost share items include:
  - items that are normally treated as indirect (such as utilities);
  - specifically unallowable costs;
  - cost share used on other projects; and
  - expenses paid for by another federal grant.
- 6) Cost share items must be:
  - allowable expenses (as defined in Uniform Guidance 2 CFR200 Subpart E);
  - not cost shared on other sponsored programs;
  - necessary and reasonable for accomplishing the project; and
  - verifiable from official university records (if paid for with university funds).
- 7) Cost share expenditures or services must occur within the period of performance for the award, and may need to occur at the same pace as the direct expenditures.
- 8) Unmet mandatory cost sharing requirements (which may include unsatisfactory documentation of the cost sharing) may result in repayment of a proportionate share of the grant funds. Mandatory cost sharing is reported to the sponsor by Research and Sponsored Programs (RSP).
- 9) Cost share expenditures must include the grant/fund number as the activity code; the program code must match the grant/fund program code if the source is unrestricted. The activity code allows these expenses to be correctly tracked in Banner Finance and prevents one expense to be cost shared for more than one project.
- 10) Documentation and valuation of third-party contributions must be in writing from the contributor or the Wright State University Foundation.
- 11) For more information, please contact RSP Post Award Services: <http://www.wright.edu/research/research-and-sponsored-programs/post-award/post-award-services>; or read the federal regulation at: [http://www.ecfr.gov/cgi-bin/text-idx?SID=c7acb5d709889390160307bbccb0ab40&mc=true&node=se2.1.200\\_1306&rgn=div8](http://www.ecfr.gov/cgi-bin/text-idx?SID=c7acb5d709889390160307bbccb0ab40&mc=true&node=se2.1.200_1306&rgn=div8).



# Recent Changes in Strategic Procurement Policies

In anticipation of more stringent OMB Uniform Guidance procurement policies, which have now been delayed until July 1, 2018, Wright State's Procurement and Contract Services Department initiated a thorough analysis of all procurement policies. The important policies that may affect goods and services purchasing with your grant funds are the following:

- ❖ Purchases less than \$3,000: no quote needed, but prioritize purchasing from University Preferred Vendors.
- ❖ Purchases \$3,000 - \$25,000: at least 3 letterhead quotes or Single/Sole Source justification and a Preferred Vendor quote, if available.
- ❖ Purchases over \$25,000: must go through the Competitive Bid process or provide Single/Sole Source justification.

- ❖ Purchases over \$50,000 must have dean or vice president approval.
- ❖ Consulting/Professional Services at any level: must go through the Competitive Bid process or provide Single/Sole Source justification. The university's Memorandum of Agreement (for companies) or the Standard Consulting/Professional Services Agreement (for individuals or non-corporate entities) must be completed and attached to the Wright Buy Requisition.

*Sole Source:* the product or service is available from only one supplier. This type of purchase must be approved by the sponsor of your grant.

*Single Source:* after a thorough analysis of possible suppliers, it has been determined that a particular supplier is the best option to provide the needed product or service for a one-time purchase or an ongoing ba-

sis, based on factors such as price, reliability, or quality of the product.

For information on purchasing capital equipment: <http://www.wright.edu/business-and-finance/financial-and-business-operations/controller/capital-assets#tab=capital-assets-and-collections>.

Forms you may need: <http://www.wright.edu/business-and-finance/campus-auxiliary-and-business-services/strategic-procurement/forms-and-links>.

For more information, please contact the staff of Strategic Procurement: <http://www.wright.edu/business-and-finance/campus-auxiliary-and-business-services/strategic-procurement/staff-directory-and-services#tab=staff-directory>; or Research and Sponsored Programs Post Award Services staff: <http://www.wright.edu/research/research-and-sponsored-programs/post-award/post-award-services>.

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## REMINDER: 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](mailto: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/>.

# The Hitchhiker's Guide to Dayton Tech & Startups: Resources for Engaging with the Region's Network of Startup Entrepreneurs and Technologists



Since receiving its \$7 million award from the Department of Defense's Office of Economic Adjustment (OEA) in August 2015, the Wright State Research Institute has made meaningful strides towards achieving the goal of the project: to diversify the economy of the Dayton Metropolitan Statistical Area (MSA) and lessen the region's dependence upon the Department of Defense, while strengthening the Wright Patterson Air Force Base's status within the Dayton MSA. The Hitchhiker's Guide to Dayton Tech & Startups is a multifaceted web resource for the Dayton region's constantly growing network of startup entrepreneurs and

technologists. Personnel behind the Hitchhiker's effort continuously update the site with information on new businesses and collaborative endeavors in the region.

The Hitchhiker's Guide serves as an information clearinghouse, but well beyond that, it is a tool to bridge the gap between entrepreneurs and local resources. The site also catalogues both educational and networking regional events in support of this community. Over the next several months, project staff will continue to focus on connecting with startups and supporting this newly created community. Additionally, they will explore commercialization-building infrastructure

meant to support a market research capability network for analyzing and validating new technologies.

## *Want to learn more about startups?*

Consider attending **Dayton Startup Week!** In addition to learning how to get started, you can hear more about web development, finance and funding, marketing, and technology, among a host of other topics. For more information about Dayton Startup Week, visit [dayton.startupweek.co](http://dayton.startupweek.co). And go to [www.daytontechguide.com](http://www.daytontechguide.com) to explore the Hitchhiker's Guide to Dayton Tech & Startups.

## Staff NEWS

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Welcome



**Kelli Tittle, J.D.** joined the Office of the Vice President for Research as the HIPAA and Privacy Compliance Officer in January 2016.

In this role, she will manage the HIPAA and privacy compliance programs, including policy development and implementation, advising on privacy compliance issues, and conducting training. Previously, Kelli was the Director of Compliance for Premier Health Plan and a Staff Attorney

in the Premier Health General Counsel's Office. In these positions, she gained a wide range of healthcare law and compliance experience. Kelli earned her B.A. in History from Wright State University and her law degree from the University of Dayton.



RSP is pleased to announce that **Dr. Deborah Lundin** (Pre Award) has earned the Certified Research Administrator (CRA) endorsement. Deborah joins Sheila Bensman (Pre Award) who

initially earned her CRA in 2008. The CRA is administered by the Research Administration Certification Council (RACC), composed of active, certified research administrators whose role is to certify that an individual, through experience and testing, has the fundamental knowledge necessary to be a professional research or sponsored programs administrator. Candidates must pass a written examination developed by the Council, testing a broad base of fundamental information required to meet the demands and responsibilities of the profession.

## STAFF INFORMATION

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## *The Office of Research and Sponsored Programs (RSP)*

### *Orientation Seminar*

Friday, October 14, 2016, 8:30 a.m.

Endeavour Room E156 A & B Student Union

*Seminar topics to include:*

- ✱ **Locating external funding**
- ✱ **Internal funding programs**
- ✱ **Proposal submission procedures**
- ✱ **Compliance concepts**
- ✱ **Administration of external funds**
- ✱ **Technology Commercialization**

Stay tuned for future announcements on registering to attend!



# AWARDS

*The grants and contracts on these pages were awarded from  
October 2015 through April 2016*

## **Boonshoft School of Medicine**

Bihl, Ji Chen

*Role of ACE2 Overexpressing  
Endothelial Progenitor Cells in  
Cerebral Hemorrhage*

American Heart Association -  
National  
\$77,000

Bini, John K.

*The Prospective Observational  
Vascular Injury Trial (PROOVIT)*

National Trauma Institute  
\$53,622

Burdette, Steven D.

Wysong, Mark

*A Prospective, Randomized,  
Double-Blind, Multicenter, Phase  
3 Study to Assess the Safety  
and Efficacy of Intravenous  
Ceftolozane/Tazobactam  
Compared with Meropenem in  
Adult Patients with Ventilator  
Associated Pneumonia*

Cubist Pharmaceuticals, Inc.  
\$48,690

Carlson, Robert G.

*Dayton Area Drug Survey 2016*

Montgomery County ADAMH  
Services Board  
\$39,063

Cauley, Katherine L.

*Sinclair Community College  
Matching Funds CY2015*

Sinclair Community College  
\$32,000

Cauley, Katherine L.

*Community Health Workers First  
Ohio State University  
\$155,986*

Duby, John C.

*Practice Improvement to Address  
Adolescent Substance Use  
(PIAASU)*

American Academy of Pediatrics  
\$50,000

Dunn, Margaret M.

*Ohio Innovation Partnership  
Choose Ohio First Scholarship  
Program*

Ohio Department of Higher  
Education  
\$540,000

Duren, Dana L.

*Versartis Skeletal Maturity  
Contract (14VR4)*

Versartis, Inc.  
\$2,980

Gentile, Julie P.

*Ohio's Coordinating Center of  
Excellence in Mental Health/  
Intellectual Disability*

Ohio Department of Mental Health  
and Addiction Services  
\$85,500

Gentile, Julie P.

*ID/MI Professorship for FY 2016*

Montgomery County ADAMH  
Services Board  
\$30,000

Gentile, Julie P.

*Ohio's Coordinating Center of  
Excellence in Mental Illness/  
Developmental Disability*

Ohio Developmental Disabilities  
Council  
\$75,000

Gillig, Paulette M.

*Professorship of Rural  
Psychiatry: Ohio Department  
of Mental Health and Addiction  
Services*

Ohio Department of Mental  
Health and Addiction Services  
\$10,000

Kadakhia, Madhavi P.

*Role of DeltaNp63alpha in  
Vitamin D Mediated Cell Survival  
in Skin Cancer*

DHHS, National Cancer Institute  
\$272,655

Kinzeler, Nicole

Wilson, Josephine F.

*Mindfulness Program Evaluation*

Interact for Health  
\$15,000

Kinzeler, Nicole

*Mental Health First Aid*

Interact for Health  
\$43,284

Klyklyo, William M.

*Support for Director of Child and  
Adolescent Psychiatry*

Ohio Department of Mental  
Health and Addiction Services  
\$35,000

Klykylo, William M.  
*Mind Matters: Ohio Psychotropic  
Quality Improvement Collaborative*  
Ohio State University  
\$3,000

Krishnamani, Rajan  
Wysong, Mark  
*A Phase IV Trial to Assess  
the Effectiveness of Apixaban  
Compared with Usual Care  
Anticoagulation in Subjects with  
Non-Valvular Atrial Fibrillation  
Undergoing Cardioversion*  
PPD Development, LLC  
\$39,923

Krishnamani, Rajan  
*Randomized, Double-Blind,  
Placebo Controlled Study of the  
Short Term Clinical Effects of  
Tolvaptan in Patients Hospitalized  
for Worsening Heart Failure with  
Challenging Volume Management*  
Cardiovascular Clinical Science  
Foundation  
\$21,488

Lawhorne, Larry Wayne  
*Preparing the Workforce for Ohio's  
Medicaid Population: Addressing  
the Needs of the Young and the Old*  
Ohio State University  
\$62,699

Lehrer, Douglas S.  
*African Ancestry Genomic  
Psychiatry Cohort*  
Research Foundation for The State  
University of New York  
\$163,800

Lindheim, Steven R.  
Yaklic, Jerome Lumetta  
Wysong, Mark  
*Can Contrast Infused Sonography  
Using Air Bubbles Replace  
Hysterosalpingogram as the  
Diagnostic Evaluation of  
Fallopian Tube Patency Following  
Hysteroscopic Sterilization Using  
Essure*  
Bayer Corporation  
\$106,416

Matsuura, John H.  
Wysong, Mark  
*The RObotic Vascular and  
Endovascular Registry (ROVER)*  
Hansen Medical Inc.  
\$20,790

McCarthy, Mary C.  
Wysong, Mark  
*A Phase III Case Series  
Clinical Study of the Reversal  
of the Anticoagulant Effects  
of Dabigatran by Intravenous  
Administration of 5.0g  
Idarucizumab in Patients Treated  
with Dabigatran Etexilate Who  
Have Uncontrolled Bleeding or  
Require Emergency Surgery or  
Procedures*  
Boehringer Ingelheim  
\$43,992

Olson, Dean M.  
*Aerospace Medicine Training  
in the Era of Expanding Human  
Space Flights Beyond ISS and  
LEO*  
National Aeronautics and Space  
Administration  
\$825,047

Orlowski, Marietta A.  
*OHIO Smarter Lunchrooms -  
Evaluation of 2015-2016*  
Ohio Department of Education  
\$15,750

Orlowski, Marietta A.  
Spears, William D.  
*Dress Your Dog Here: The  
Impact of Pairing Vegetables with  
Popular Entrée Items*  
Cornell University  
\$9,253

Paliy, Oleg  
Reo, Nicholas V.  
*Intestinal Epithelial Cell  
Regulation of Allergic  
Inflammation at Distant Sites*  
Ohio State University  
\$46,000

Parmelee, Dean X.  
*Service Contract Between Qassim  
University and Wright State  
University*  
Qassim University, Unaizah  
College of Medicine  
\$1,000,000

Paul, Kimberly A.  
*NCI Award Under DCOP Fiscal  
Agency Agreement*  
Dayton Clinical Oncology  
Program  
\$855,000

Paul, Kimberly A.  
*Miscellaneous Awards Under  
DCOP Fiscal Agency Agreement*  
Dayton Clinical Oncology  
Program  
\$42,809

Peirson, Ryan P.  
*Adult Professorship of Community  
Psychiatry: Ohio Department  
of Mental Health and Addiction  
Services*  
Ohio Department of Mental  
Health and Addiction Services  
\$15,000

Rapp, Christine M.  
*Dayton Veterans Affairs Medical Center IPA Agreement*  
 Veterans Affairs Medical Center  
 \$33,492

Rapp, Richard C.  
*Comparing Interventions for Opioid Dependent Patients Presenting in Medical EDs*  
 New York University School of Medicine  
 \$47,579

Reo, Nicholas V.  
 Raymer, Michael L.  
*NMR-Based Urinary Metabolomics in Rats Exposed to Burn Pit Emissions and Respirable Sand*  
 Henry M. Jackson Foundation  
 \$240,504

Reo, Nicholas V.  
*Mechanistic Interpretations of Hypobaric and Hyperoxic Using Metabolomics and Proteomics*  
 Henry M. Jackson Foundation  
 \$103,735

Rich, Mark M.  
 Fyffe, Robert E.W.  
*Synaptic Function: Effects of the Nerve Injury, and Altered Activity*  
 Georgia Tech Research Corporation  
 \$310,448

Rich, Mark M.  
*Developing Therapy for Myotonia Congenita*  
 Muscular Dystrophy Association  
 \$82,603

Sahu, Ravi P.  
*Environmental Pro-Oxidation Stressors and Immunosuppression*  
 DHHS, National Institute of Environmental Health Sciences  
 \$77,159

Terry, John B.  
 Wysong, Mark  
*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*  
 Johns Hopkins University  
 \$22,188

Travers, Jeffrey B.  
*Wounding Therapy and Photocarcinogenesis*  
 DHHS, National Institute on Aging  
 \$619,125

Travers, Jeffrey B.  
 Wysong, Mark  
*A Multicenter, Double-Blind, Placebo-Controlled, Adaptive Phase 3 Trial of POL-103A Polyvalent Melanoma Vaccine in Post-Resection Melanoma Patients with High Risk of Recurrence*  
 Polynoma LLC  
 \$191,839

Welton, Randon S.  
*Community Psychiatry Training Program*  
 Ohio Department of Mental Health and Addiction Services  
 \$15,000

Wilson, Josephine F.  
*Risky Business Intervention Development, Pilot Testing, Refinement, Implementation, and Evaluation*  
 Montgomery County ADAMH Services Board  
 \$41,705

Wilson, Josephine F.  
*Continuing, Sustaining, and Advancing the Work of the Montgomery County Prevention Coalition*  
 Montgomery County ADAMH Services Board  
 \$167,000

Wilson, Josephine F.  
*Online VR Assessment and Service Protocol to Enhance Employment of Individuals Who Are Deaf*  
 DHHS, Administration for Community Living  
 \$489,999

Wilson, Josephine F.  
*East Dayton AWARE Project*  
 Montgomery County ADAMH Services Board  
 \$12,500

Wilson, Josephine F.  
*Mental Health First Aid Training in Hamilton County*  
 Mental Health America  
 \$12,500

Wilson, Josephine F.  
*45417 MHFA Project*  
 Mt. Olive Baptist Church  
 \$12,500

Wilson, Josephine F.  
*Montgomery County (OH) SAMHSA 2015 Drug Court Grant*  
 Montgomery County Court of Common Pleas  
 \$90,000

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

Zhang, Wenfeng  
*Veterans Affairs Medical Center  
IPA Agreement*  
Veterans Affairs Medical Center  
\$35,807

Zink, Therese M.  
Cauley, Katherine L.  
*Wright Rural Health Initiative  
Implementation Proposal*  
HealthPath Foundation of Ohio  
\$100,000

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

Fruth, Jason D.  
*Partnering in PAX*  
Ohio Department of Mental  
Health and Addiction Services  
\$50,000

Harris, Charlotte M.  
*Dayton Regional Science,  
Technology, Engineering, and  
Mathematics School Services  
Agreement*  
Dayton Regional Science,  
Technology, Engineering, and  
Mathematics (STEM) School  
\$2,915,548

Huber, Mary Josephine  
*The Learning and Working During  
the Transition to Adulthood  
Rehabilitation Research and  
Training Center*  
University of Massachusetts  
Medical School  
\$12,755

Lyon, Anna  
*Reading Recovery: Scaling Up  
What Works*  
Ohio State University  
\$92,736

Lyon, Anna  
*Reading Recovery: Scaling Up  
What Works*  
Ohio State University  
\$14,000

Murphy, Chris A.  
*Ohio Space Grant Consortium  
Education Scholarship 2015-2016*  
Ohio Space Grant Consortium  
\$2,000

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

Bae, Ha-Rok  
*Multi-Objective Uncertainty  
Quantification via Stochastic  
Locally Optimized Covariance  
Krig*  
Dayton Area Graduate Studies  
Institute  
\$8,400

Bourbakis, Nikolaos G.  
*A Methodology to Protect  
Classified Technical Documents:  
The Diagram Modification  
Approach*  
DoD, Office of Naval Research  
\$154,824

Chen, Chien-In Henry  
Thompson, Joshua W.  
*Advanced Integrated Smart Cell  
Onboard Printed Electronics  
Development*  
Dayton Area Graduate Studies  
Institute  
\$52,260

Cox, Michael T.  
*Goal-Driven Autonomy and  
Robust Architectures for Long-  
Duration Missions*  
DoD, Office of Naval Research  
\$237,726

Cox, Michael T.  
*Situational Awareness via Mixed-  
Initiative Universal Recognition,  
Analysis, and Inference*  
Decisive Analytics  
\$90,035

Doran, Derek Edmund  
*REU Supplement for CSR-  
1464104: Towards Understanding  
and Mitigating the Impact of Web  
Robot Traffic on Web Systems*  
National Science Foundation  
\$24,025

Fendley, Mary E.  
Klingbeil, Nathan W.  
*In-Process Monitoring of Additive  
Manufacturing*  
Advrtech, LLC  
\$349,764

Grandhi, Ramana V.  
*Collaborative Center in  
Multidisciplinary Sciences  
(CCMS)*  
Virginia Polytechnic Institute and  
State University  
\$24,000

Grandhi, Ramana V.  
*Collaborative Research: A  
Cellworks Optimization Method  
for Air Vehicle Design*  
University of Hawaii at Manoa  
\$65,275

Hangartner, Thomas N.  
*Renal Osteodystrophy: A Fresh  
Approach*  
University of Kentucky  
\$8,522

Huang, Hong  
Zhuang, Yan  
*Growth, Characterization, and Test Structure Fabrication of Emerging Electronic Materials*  
Universal Technology Corporation  
\$23,750

Kashou, Nasser H.  
*Functional Magnetic Resonance Imaging and Diffusion Tensor Imaging Using Transcranial Direct Current Stimulation*  
InfoSciTex  
\$91,000

Klingbeil, Nathan W.  
*Real-Time Geometric Analysis of Additive Manufacturing*  
Advrtech, LLC  
\$42,203

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

Lieh, Junghsen  
*Cost Estimating Models for Advanced Composite Aircraft Using Additive Manufacturing*  
Wyle Laboratories  
\$31,420

Mawasha, P. Ruby  
*Ohio Space Grant Consortium Scholarship/Fellowship Program 2014/2015*  
Ohio Department of Higher Education  
\$4,000

Mian, Ahsan Akm  
*NASA STTR Phase I - Integrated Modeling and SLM Process Development Chamber*  
Advrtech, LLC  
\$48,609

Mian, Ahsan Akm  
*REU Supplement: Collaborative RET Site - Inspiring the Next Generation of a Highly-Skilled Workforce in Advanced Manufacturing and Materials*  
National Science Foundation  
\$10,000

Mukhopadhyay, Sharmila M.  
*EAGER Supplement: Novel Catalyst Design Using Hierarchical Hybrid Materials*  
National Science Foundation  
\$15,995

Parikh, Pratik  
*Healthcare Systems Analysis and Operations Systems Engineering Support for the Veterans Engineering Resource Centers (VERCs)*  
Veterans Affairs  
\$0

Pei, Yong  
*Assessing the Accuracy of Commercially Available Motion Tracking*  
Kinematechs, LLC  
\$17,760

Phillips, Chandler A.  
*Application of Human Operator Information Models (HOIM) for Research on Non-Invasive Brain Stimulation Effects on Information Processing Performance*  
InfoSciTex  
\$29,109

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  
\$1,718,249

Rigling, Brian D.  
*Collaborative Center for Surveillance Research, Phase II*  
More Than One Source of Support  
\$112,500

Rigling, Brian D.  
*TRACE*  
Industry/DoD, Defense Advanced Research Projects Agency  
\$500,000

Rigling, Brian D.  
*Expanded INSIGHTS Functionality - Multi-User/Team Support*  
Engility Corporation  
\$104,000

Rigling, Brian D.  
*Novel Signal Processing for Airborne Passive Synthetic Aperture Radar - Phase II SBIR*  
Systems & Technology Research  
\$50,000

Roberts, Rory A.  
Wolff, J. Mitch  
*Center for Integrated Thermal Management of Aerospace Vehicles*  
Purdue University  
\$26,000



Roberts, Rory A.  
Wolff, J. Mitch  
*Power and Thermal Management System for Hypersonic Vehicles*  
Acumentrics SOFC Corp.  
\$70,000

Roberts, Rory A.  
*Design and Fabrication of an External Combustor for a JetCat Turbojet Engine*  
Universal Technology Corporation  
\$14,875

Roberts, Rory A.  
Wolff, J. Mitch  
*A Cryogenic Palletized Directed Energy System*  
Purdue University  
\$50,000

Roberts, Rory A.  
Wolff, J. Mitch  
*Dynamic Modeling and Simulation of a Three Stream Engine for Vehicle Power and Thermal Management*  
Purdue University  
\$50,000

Roberts, Rory A.  
Wolff, J. Mitch  
Bracey, Marcus J.  
*Numerical and Experimental Analysis of an Air Cycle Machine for an Aircraft Thermal Management System*  
Dayton Area Graduate Studies Institute  
\$44,130

Sheth, Amit  
Thirunarayan, Krishnaprasad  
Srinivasan, Raghavan  
*Federated Semantic Services Platform for Material Sciences*  
DoD, Air Force, Air Force Research Laboratory  
\$20,000

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

Sheth, Amit  
*REU Supplement: IIS: Medium: Context-Aware Harrassment Detection on Social Media*  
National Science Foundation  
\$16,000

Sheth, Amit  
*Employee and Job Search Semantic Engine: Phase I*  
Universal Freelancer  
\$30,000

Sheth, Amit  
*ISWC 2016 Student Travel Awards*  
National Science Foundation  
\$20,000

Sheth, Amit  
*REU Supplement: PFI: AIR-TT: Market Driven Innovations and Scaling up of Twitris - A System for Collective Social Intelligence*  
National Science Foundation  
\$12,000

Wang, Bin  
Alqallaf, Maha A.  
*Software Defined Secure Ad Hoc Wireless Networks*  
Kuwait Foundation for the Advancement of Sciences  
\$30,000

Wischgoll, Thomas  
*Testing Environment for Human Detection Algorithms on Synthetic FMV*  
Wright State Applied Research Corporation  
\$73,425

Wolff, J. Mitch  
*High Impact Technologies*  
Dayton Area Graduate Studies Institute  
\$59,800

Wolff, J. Mitch  
*Turbine Engine Inlet Distortion Aeromechanical Investigation for AFRL/RQTI*  
Universal Technology Corporation  
\$9,420

Wolff, J. Mitch  
*Ohio Space Grant Consortium Scholarship/Fellowship Program 2015/2016*  
Ohio Space Grant Consortium  
\$7,500

Wolff, J. Mitch  
Buettner, Robert W.  
Roberts, Rory A.  
*Adaptive Turbine Engine Control for a Vehicle Level Tip-to-Tail Model*  
Dayton Area Graduate Studies Institute  
\$44,130

Wolff, J. Mitch  
Roberts, Rory A.  
McGillivray, Nathan T.  
*Design and Optimization of a Scramjet Fuel Delivery System*  
Dayton Area Graduate Studies Institute  
\$44,130

Wu, Zhiqiang  
*Acoustic Signal Processing and Ultrasonic Communication Network*  
Kalos Technologies, Inc.  
\$34,052

Zhang, Junjie  
*Scalable Vulnerability Assessment  
for Large Cyber-Physical Systems*  
Ball Aerospace  
\$30,000

Zhang, Junjie  
Wang, Bin  
*REU Site: Data-Driven Cyber  
Security Research*  
National Science Foundation  
\$359,772

Zhuang, Yan  
*Growth and Characterization of  
Multiferroic Materials*  
Azimuth Corporation  
\$45,000

### **College of Liberal Arts**

Brun, Carl F.  
*Evaluation of Student Success  
Outcomes Related to Career  
Technical Strategies*  
Ohio Department of Higher  
Education  
\$10,000

Dockery, Jane L.  
*H-1B Technical Skills Training  
Grant Data and Evaluation  
Support*  
Ohio Department of Higher  
Education  
\$50,507

Dockery, Jane L.  
Murray, Carol S.  
*Proposal to Research Trends in  
Defense Contracting*  
Ohio State University  
\$8,179

Dockery, Jane L.  
*NEG Sector Partnership  
Dislocated Worker Grant  
Compression Planning*  
Montgomery County Department  
of Job and Family Services  
\$2,132

Dockery, Jane L.  
*The Next Iteration of Fast  
Forward: Evaluation Plan from  
Wright State University*  
Sinclair Community College  
\$11,577

Dockery, Jane L.  
*City of Loveland Strategic Retreat*  
City of Loveland, Ohio  
\$2,556

Dockery, Jane L.  
Murray, Carol S.  
*Madison County Community  
Needs Assessment*  
Madison County Commissioners  
\$21,939

Dockery, Jane L.  
*DRMC Strategic Planning Event*  
Dayton Development Coalition  
\$1,300

Layne, Jo Ellen  
*Child Welfare Workforce  
Professional Education Program*  
Ohio Department of Job and  
Family Services  
\$246,500

Murray, Carol S.  
Dockery, Jane L.  
*Proposal to Conduct the 2016  
Analysis of Impediments to Fair  
Housing Choice*  
Greene County Department of  
Development  
\$20,091

Murray, Carol S.  
*Responsible Gambling -  
Premarketing Campaign  
Telephone Survey*  
University of Dayton  
\$11,392

Strombeck, Andrew M.  
*Ten Years of the Dayton Literary  
Peace Prize: A Literary  
Conference*  
Ohio Humanities Council  
\$3,000

Subban, Jennifer  
*CNI - TOTS Consultation Plan*  
Montgomery County Family and  
Children First Council  
\$6,000

Swanson, Drew A.  
*Greene County Records Center  
and Archives Internship*  
Greene County Records Center  
and Archives  
\$5,000

Wenning, Mary V.  
*Greene ESC*  
Greene County Educational  
Service Center  
\$28,620

Wiehe, Michael R.  
*Wright State Public Policy  
Institute*  
Ohio Department of Higher  
Education  
\$1,000,000

**College of Nursing and Health**

Ulrich, Deborah Lee  
*Choose Ohio First: Primary Care Nursing Scholarships and Curriculum Enrichment, 2015-2017*  
Ohio Department of Higher Education  
\$60,000

**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

Bennett, Kevin B.  
*Ecological Interface Design Approach to Supporting Cyber Understanding and Interaction*  
Trimetis, LTD  
\$23,219

Bowling, Nathan A.  
*Predictors of Trust/Suspicion in Automation*  
Systems Research and Applications International  
\$59,600

Brown, Elliott  
*III-N Devices and Architectures for THz Electronics*  
University of Notre Dame  
\$11,397

Brown, Elliott  
*High Resolution Sensing of DNA Nanostructures in the THz Region*  
University of California  
\$197,515

Cowgill, Jeffrey Lynn  
*Boxing Scoring Interface System For Aggression Behavior Research*  
Tufts University  
\$5,000

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  
\$4,999

Elbasiouny, Sherif M.  
*Mechanisms Underlying Excitability Regulation of Motoneuron Types in ALS*  
DHHS, National Institute of Neurological Disorders and Stroke  
\$323,750

Elbasiouny, Sherif M.  
*Brain-Computer Interfaces for Human-Autonomous Teaming (BCI-HAT)*  
Wright State Applied Research Corporation  
\$43,330

Farrell, Ann M.  
Tosa, Sachiko  
*Lesson Study as Collaborative, Practice-Based Professional Development*  
Ohio Department of Education  
\$187,005

Fox, Jane Lee  
*MAVEN Mission*  
University of Colorado  
\$38,145

Hammerschmidt, Chad R.  
*Analysis of Fish Tissue for Selenium*  
University of Wisconsin  
\$13,500

Hammerschmidt, Chad R.  
*Mercury Analysis of Environmental Samples*  
More Than One Source of Support  
\$4,602

Higgins, Steven R.  
*Development and Application of a Hydrothermal Atomic Force Microscope*  
Oak Ridge National Laboratory  
\$39,000

Kozak, Juliusz Ashot  
*TRPM7 and Cellular pH*  
DHHS, National Institute of Allergy and Infectious Diseases  
\$370,000

Kozlowski, Gregory  
*Development of Robust Compact Sources for Alkali Atom Systems*  
Universal Energy Systems, Inc.  
\$20,500

Look, David C.  
*AIN-Based Power Electronics Device Epiwafer Manufacturing*  
Kyma Technologies, Inc.  
\$30,000

Lunsford, Suzanne K.  
Slattery, William  
*Partners In Integrated Earth Systems Science (PIES)*  
Ohio Department of Higher Education  
\$84,146

McGowin, Audrey E. <i>Lytle Creek and Indian Run Sediment and Water Pollution Assessment</i> Clinton Streamkeepers \$3,849	Tarpey, Thaddeus <i>Characterizing Placebo Response to Active Treatment Using Very High Dimensional Data</i> New York University School of Medicine \$65,915	Warfield, Janeece <i>PECE-PACT: Parents Early Childhood Education/Positive Action Choices Training</i> Montgomery County ADAMH Services Board \$69,288
Peters, Jeffrey L. <i>American Ornithologists' Union 2015 Travel and Presentation Awards</i> American Ornithologists' Union \$800	Zhou, Xiangqian <i>Fifty-Seventh Mighty Conference in Graph Theory</i> National Science Foundation \$8,436	Warfield, Janeece <i>My Baby and Me: Raising Awareness of Postpartum Depression Among African American Women (FY2016)</i> Ohio Commission on Minority Health \$3,000
Ritzi, Jr., Robert W. <i>Ground Water Protection Program 2016</i> Cemex \$24,971	<b>Dunbar Library</b> Dewey, Dawne <i>Public History Graduate Symposium</i> Ohio Humanities Council \$1,500	<b>Student Affairs</b> Mosier, Joylynn M. Hill, Sara Jane <i>Student Athlete Opportunity Funds 2015-2016</i> Horizon League \$92,223
Roberson, Elizabeth Jo Cipollini, Donald F. <i>Ohio Invasive Plants Council Research Award</i> Ohio Invasive Plants Council \$1,000	<b>Raj Sooin College of Business</b> Black, Donerik G. <i>Small Business Development Center, FY2016</i> Ohio Development Services Agency \$264,400	Wanderi, Joy W. <i>Community Partnership Grant Bridge Award</i> Global Ties U.S. \$345
Romine, William L. <i>Mission HydroSci: A Virtual Environment for Next Generation Science Learning</i> University of Missouri \$19,671	<b>School of Professional Psychology</b> Schultz, Michelle S. <i>SOPP Practicum: CompDrug FY2016</i> CompDrug \$8,320	Wanderi, Joy W. <i>National Meeting 2016</i> Global Ties U.S. \$1,302
Slattery, William Lunsford, Suzanne K. <i>Science Teaching for Ohio's New Economy (STONE)</i> Ohio Department of Higher Education \$67,949	Schultz, Michelle S. <i>SOPP Practicum: CHC of Greater Dayton FY2016</i> Community Health Centers of Greater Dayton \$10,800	<b>Universitywide</b> Barnhart, Amy <i>Supplemental Educational Opportunity Grant Program (SEOG) 2015/2016</i> U.S. Department of Education \$3,036
Slilaty, Daniel C. <i>Topological Graph Theory and Matroid Theory</i> Simons Foundation \$7,000		

Barnhart, Amy  
*PELL Grant Program 2015/2016*  
U.S. Department of Education  
\$18,690,765

Barnhart, Amy  
*Science, Mathematics, and  
Research for Transformation  
(SMART) Defense Scholarship  
Program 2015/2016*  
American Society for Engineering  
Education  
\$9,142

Martin, Bryan M.  
*ACHIEVE: A Chance to Have  
and Improve the Experience and  
Value of Education*  
U.S. Department of Education  
\$182,081

### ***VP for Curriculum and Instruction***

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

Sudkamp, Thomas A.  
*Support for Position of Senior  
Associate Director, SCTAI*  
Ohio Department of Higher  
Education  
\$99,784

Sudkamp, Thomas A.  
*Interstate Passport Phase II*  
Western Interstate Commission for  
Higher Education  
\$47,000

### ***VP for Research and Dean of the Graduate School***

Cox, Michael T.  
*Robust Adaptable Information-  
Aided Cognition Target  
Identification*  
Advratech, LLC  
\$8,000

Dosser, Larry R.  
*Midwest Photonics Education  
Center: Proposal for an ATE  
Regional Center*  
Indian Hills Community College  
\$25,977

Gross, David C.  
*Interactions with Semi-Automatic  
Remotely Piloted Vehicles  
(iMACE)*  
InfoSciTex  
\$12,500

Gross, David C.  
*Interactions with Semi-  
Autonomous Remotely Piloted  
Vehicles*  
DoD, Air Force, Air Force  
Research Laboratory  
\$375,000

Gross, David C.  
*Mobile EW Laboratory*  
MacAulay-Brown, Inc.  
\$16,000

Gross, David C.  
*Interactions with Semi-  
Autonomous Remotely Piloted  
Aircraft (RPA)*  
DoD, Air Force, Air Force  
Research Laboratory  
\$165,000

Minnery, Brandon S.  
Harel, Assaf  
Sherwood, Matthew Scott  
Juvina, Ion  
*Lapses of Attention Predicted  
in Semi-Structured Ecological  
Settings (LAPSES)*  
DoD, Office of Naval Research  
\$186,698

Pickoff, Arthur S.  
*Efficacy, Immunogenicity, and  
Safety Study of Clostridium  
difficile Toxoid Vaccine in Subjects  
at Risk for C. difficile Infection*  
Sanofi Pasteur, Inc.  
\$249,021

Pickoff, Arthur S.  
Wysong, Mark  
*ARTEMIS: Affordability and  
Real-World Antiplatelet Treatment  
Effectiveness After Myocardial  
Infarction Study*  
Duke University  
\$22,000

Pickoff, Arthur S.  
Wysong, Mark  
*A Multicenter, Randomized,  
Double-Masked, Active-  
Controlled, Study to Evaluate the  
Safety and Efficacy of LME636  
in Patients with Acute Anterior  
Uveitis/LME636-2201*  
Alcon Research, Ltd.  
\$28,360

Pickoff, Arthur S.  
Wysong, Mark  
*Predicting the Safety and  
Effectiveness of Inferior Vena  
Cava Filters (PRESERVE)*  
New England Research Institutes  
\$63,186

Pickoff, Arthur S.  
Wysong, Mark  
*The Impact of Implementing a  
Universal Newborn Screening for  
Critical Congenital Heart Disease*  
Mednax Center for Research  
Education and Quality  
\$8,820

Schmitz, James L.  
*FY15 GEOINT MS&E Support  
- A2C-15-032 FY15 Improved  
Analysis Tool Development*  
Invertix Corporation  
\$58,527

Schmitz, James L.  
*FY15 Near Real-Time Extraction  
Proof of Concept (PoC) Research  
& Development (R&D) Support*  
A2C-15-082  
Invertix Corporation  
\$22,979

Schmitz, James L.  
*FY15 GEOINT MS&E Support  
- A2C-15-032 FY15 Improved  
Analysis Tool Development*  
Invertix Corporation  
\$7,772

Wysong, Mark  
*Clinical Research Affiliation and  
Operations Agreement CY15*  
Premier Health Partners  
\$786,141

Wysong, Mark  
*Clinical Research Coordinator  
Staffing Agreement at Miami  
Valley Hospital*  
Premier Health Partners  
\$574,549

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