During the previous fiscal year (FY2016) Wright State University witnessed meaningful growth in its extramural funding profile, with a 15% increase over the previous year’s total funding. Moreover, the University is currently on target to potentially surpass FY2016 funding by the end of the current fiscal year. During the first six months of FY2016, the University recorded $47,330,300 in funding, compared to $52,172,953 during the same time frame in FY2017, representing an increase of just over 10%.

Within its external funding profile, support for basic and applied research continues to rise. As shown in the chart, despite continued dips in overall funding from FY2013 – FY2015, research support began to bounce back in FY2014 with a 13.5% increase over FY2013, and has witnessed increasing support in subsequent years (+3.7% in FY2015 and +9.7% in FY2016).

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

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NOTES from the AVP
Reminders: Best Practices for Security

This column presents me with a good opportunity to remind our readers of some best practices related to security.

Operations Security (OPSEC)
Most of us practice OPSEC every day without really thinking about it. We lock our computer screens when we walk away from our offices (important to do so, even if walking away for a few minutes), we secure sensitive files and information, and we password protect our devices, among other things. OPSEC protects information and activities, unlike the physical deterrents (safes and fences) that protect facilities.

But we still do things that negate these good intentions: posting revealing personal information on social media, carrying on cell phone conversations in public places, leaving our devices unattended, using public Wi-Fi hot spots, and keeping personal information or devices in unlocked vehicles or gym lockers. Awareness is the key to OPSEC! Be aware of your surroundings at all times and practice “need to know.” If asked for information that the other party is not authorized to receive, just say no.

Academic Solicitation
This method of solicitation applies directly to the Wright State University culture. Academic solicitation is the fastest growing method of operation and is defined as the use of students, faculty, scientists and researchers as “collectors” improperly attempting to obtain sensitive or proprietary information. It is effective because the academic community is naturally collaborative, but this willingness to share information can have unintended consequences if not carefully managed.

A faculty member who receives an unsolicited offer from an individual seeking a position as a research scholar in his or her laboratory (at no expense to the University) should carefully consider the request before accepting. The same caution should be used when a researcher is offered an all-expense paid trip to an international conference. If it is too good to be true, it probably is, and it should be treated as a potentially suspicious contact.

The Insider Threat
You have probably read about the notorious cases of the “insider threat”—those employees who, for whatever reasons, took government or employer secrets and risked their organization’s or national security in the course of doing so. An insider threat is defined as anyone with authorized access to the information or things an organization values most and uses that access, either wittingly or unwittingly, to inflict harm to the organization or national security. The organization’s valuable assets may include proprietary information, trade secrets, and intellectual property.

Again, awareness is critical. If you encounter what you would consider to be unusual behavior in your work surroundings, please remember: If you SEE something, SAY something.

Foreign Travel
Many Wright State faculty, staff and students will be traveling to foreign destinations for business and pleasure in the coming months, and it is worth taking a few precautions when doing so. If traveling to a foreign trade show or conference, know that these events are ripe for information collection. Maintain heightened awareness at foreign destinations and do not post travel plans or pictures (at least not while on travel) to social media. It is always a good idea to review travel alerts from the U.S. Department of State before departure and take advantage of the CaTS International Laptop Travel Kit.

Any questions regarding any of the topics described in this column can be directed to me in Research and Sponsored Programs. Have a safe and secure summer!

Ellen
HELPFUL HINTS: NIH PROPOSAL WRITING RESOURCES

The NIH website is a great resource and can provide guidance when writing a research grant application. Provided below are links that will be helpful in your grant writing journey.

How to Apply – Application Guide:
You will use the application instructions (link below) along with guidance in the funding opportunity announcement to submit your application to NIH, CDC, FDA and AHRQ. Please note: the funding opportunity announcement (FOA) instructions ALWAYS supersede these instructions, so be sure to read the FOA carefully.


Write Your Application:
This section will assist you in developing a strong application. The page provides tips for demonstrating to reviewers and NIH staff the high quality personnel involved in your project. The information is relevant for all research grants, but is geared toward the NIH Research Project (R01).


Developing Your Budget:
As you begin to develop a budget for your research application many questions may arise. Your best resources for answering these questions are to contact your Research and Sponsored Programs Pre Award Administrator, your department administrative officials, and your peers.

The following link includes tips and reminders for preparing a budget. This section will provide guidance on budget categories, and will help determine what budget information is required in a modular versus detailed budget. https://grants.nih.gov/grants/how-to-apply-application-guide/format-and-write/develop-your-budget.htm

Format Attachments:
You will find several kinds of fields in the application forms – check boxes, dates, data entry fields, and attachments. Attachments are documents you prepare outside the application forms using whatever editing software you prefer (e.g., Microsoft Word) converted to PDF format and then uploaded to the application. Sponsors have very specific attachment formatting requirements. Failure to follow these requirements may lead to application errors upon submission or withdrawal of the application from the review process. https://grants.nih.gov/grants/how-to-apply-application-guide/format-and-write/format-attachments.htm

Page Limits:
Follow the attachment page limits specified in the link below for your research application, unless otherwise specified in the FOA. The page limits for most forms sections are listed in the following link, organized by activity code. Please note: the funding opportunity announcement (FOA) instructions ALWAYS supersedes these page limits, so be sure to check the FOA for any exceptions. https://grants.nih.gov/grants/how-to-apply-application-guide/format-and-write/page-limits.htm

Data Tables:
Use these data tables with Institutional Research Training grant applications. Select the appropriate blank data tables and instructions. https://grants.nih.gov/grants/forms/data-tables.htm

Reference Letters:
Some types of programs, such as fellowships and some career development awards, require the submission of reference letters by the referee. Referees must submit these letters by the application deadline in order to be considered part of the application. Applications that have fewer than the required number of reference letters will not be reviewed. https://grants.nih.gov/grants/how-to-apply-application-guide/submission-process/reference-letters.htm

Biosketches:
Biosketches are required in both competing grant applications and progress reports. Blank format pages, instructions, and sample biosketches can be found at the link below. You can also try SciE Nev, a tool supporting multiple research agencies, to help develop your biosketch and automatically format it to NIH requirements. https://grants.nih.gov/grants/forms/biosketch.htm
On April 24, 2017, the National Science Foundation (NSF) began a new pilot requiring the use of a template for identifying Collaborators and Other Affiliations (COA) information for Principal Investigators (PIs), co-PIs, and other senior project personnel identified on proposals submitted in FastLane. The 17-1 version of the NSF Proposal and Award Policies & Procedures Guide (PAPPG) requires individually uploaded COA information as a Single Copy Document. The NSF uses this information during the merit review process to help manage reviewer selection. To expedite identification of potential reviewers, having a standard, searchable format for this information is essential. The new pilot will standardize COA information across the Foundation and will ensure that the information is submitted in a searchable format. In addition to the merit review process benefits, the COA template will reduce administrative burden and improve efficiencies by providing submitters with a compliant and reusable format to maintain this information for use in subsequent proposal submissions to NSF.

Pilot results will be assessed and will determine how to proceed with this section of the proposal in the future. Please note that the template:

♦ Has been developed to be fillable. However, the content and format requirements must not be altered by submitters.
♦ Must be saved in .xlsx or .xls formats and directly uploaded into FastLane as a Collaborators and Other Affiliations Single Copy Document.
♦ Will be converted by FastLane from an .xlsx or .xls file to a PDF file.
♦ Has been tested in Microsoft Excel, Google Sheets, and LibreOffice.

♦ Will enable preservation of searchable text that otherwise would be lost. Must be uploaded in .xlsx or .xls formats only. Uploading a COA Single Copy Document in any other format may delay the timely processing and review of proposals.
♦ Will be directly linked in FastLane. The template and associated instructions may also be accessed directly at: https://www.nsf.gov/bfa/dias/policy/coa.jsp.

The new spreadsheet template is part of a pilot activity, and NSF wants your feedback on the use of the template to submit COA information in FastLane. NSF will be collecting your template feedback via Research.gov until COB July 14, 2017. This timeline will allow NSF to incorporate any changes to the Collaborators and Other Affiliations information requirement into the next PAPPG, which is scheduled to go into effect in January 2018. To submit COA template feedback:

1. Go to: https://www.research.gov/research-portal/appmanager/base/desktop?_nfpb=true&pageLabel=research_home_page&evenName=research_feedback_event
2. Choose “Collaborators & Other Affiliations (COA)” under the Site Area dropdown menu;
3. Include your feedback in the Comments or Suggestions field; and
4. Click Submit when you are ready to send your feedback to NSF.

For system-related questions, please contact FastLane User Support at 1-800-673-6188 or fastlane@nsf.gov. Policy-related questions regarding the content of the COA template, should be directed to policy@nsf.gov.

AN INCREASE OF THE NIH SALARY CAP
Effective January 8, 2017, the NIH salary cap changed from $185,100 to $187,000. See NOT-OD-17-049 for further details. https://grants.nih.gov/grants/guide/notice-files/NOT-OD-17-049.html

NATIONAL SCIENCE FOUNDATION: A CHANGE TO THE COLLABORATORS AND OTHER AFFILIATIONS SECTION, AND A REQUEST FOR FEEDBACK
(Adapted from a communication from NSF)

Sponsor Alerts, cont’d
**WHAT’S ALL THE FUSS ABOUT PUSHING THE SUBMIT BUTTON?**

A REMINDER

Electronic submission of grant proposals is the norm today and, as such, Pre Award Administrators frequently hear the phrase, “I’ll have it to you by 4:00 p.m.” on deadline day. This scenario results in many proposals being submitted to the sponsor at 4:55 p.m. or later on the day the proposal is due. Once a proposal is received in RSP, the Pre Award Administrator must submit the proposal through an electronic portal that is often overburdened on deadline days, and the late-day transmission to RSP does not allow time to complete a thorough review of the proposal for compliance with sponsor guidelines prior to submission. By waiting until 4 p.m. or later to forward the complete proposal to RSP, a researcher runs the risk of not having time to make any changes found necessary after late-day submission of the proposal to the sponsor.

While it may seem, in the age of electronic submission via Grants.gov, eRA Commons, and Fastlane, that the guesswork of on-time submission is removed, a variety of pitfalls emerge the closer one is to the stated deadline. This rush of submissions can create a potential sponsor backlog in processing, and checking for errors can take up to four hours. If the submission is found to have errors, and those errors cannot be corrected before the stated deadline, the application cannot be sent on for review.

In addition to these last-minute scenarios, inclement weather can also impede a proposal submission, and in many cases, the sponsor is unmoved by this difficulty; proposals are still due on the deadline day despite the potential for University closure. For these and many other reasons, RSP established a 5-day/2-day proposal review and submission timeline.

Scenarios like this can be avoided by submitting several hours and days in advance of the deadline. Research and Sponsored Programs strongly encourages you to contact them when you first make the decision to submit an application for funding (see below). We can provide the assistance you need for a successful submission, especially if we are aware of your proposal needs!

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### Final Proposal to RSP

The final form proposal should be submitted to RSP at least 2 business days prior to deadline. If RSP receives it in less than 2 days, it cannot guarantee on-time submission.

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### Submission of Proposal

Proposal submission, especially electronic formats, should be completed at least 24 hours in advance of the deadline.

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### Identify Funding Opportunity

Notify RSP Pre Award Administrator of upcoming submission.

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### Prepare Proposal

Work with project personnel, collaborators, and RSP to complete narrative, budget, and grant forms.
PROPOSAL BUDGET DEVELOPMENT: UPDATED RATES FOR FACILITIES AND ADMINISTRATIVE COSTS (F&A), FRINGE BENEFITS

Facilities and Administrative Costs
Wright State University just concluded negotiations with its cognizant federal agency, the US Department of Health and Human Services, which established updated rates for both facilities and administrative costs (F&A) and fringe benefits. The following F&A rates will be effective for the timeframe of July 1, 2017 to June 30, 2020:

- On-Campus Research 50%
- On-Campus Instruction 50%
- On-Campus Other Activity 37%
- Off-Campus All Activities 26%

While the rate for off-campus activities remained unchanged, on-campus activities increased by two percentage points from the previous rate agreement. As a reminder, the University’s rates apply to a project’s modified total direct costs, consisting of all salaries and wages, fringe benefits, materials, supplies, services, travel, and subgrants/subcontracts up to the first $25,000 of each subgrant/subcontract (regardless of the project period). Application of the appropriate F&A rates to proposals for extramural funding shall comply with University Policy No. 6340, which can be found at the following link: https://policy.wright.edu/policy/6340-facilities-and-administrative-indirect-costs-sponsored-programs.

Fringe Benefits Rates for FY2018
As you develop a proposal budget, keep in mind that salary and fringe benefits rates may change over time, perhaps even annually. Such is the case with the University’s fringe benefits for FY2018. Effective July 1, 2017 to June 30, 2018, fringe benefit rates for faculty, staff, and students will change to the following: full-time faculty (51% FTE or more), 26.4%; faculty – part-time, overload, summer, retirees, 12.7%; full-time unclassified (including hourly), 34.8%; part-time unclassified staff, 15.0%; full-time classified staff, 54.90%; and OPERS-covered students, 16.2%. A proposal budget should reflect current rates, and when developing a multi-year budget, the 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. For additional budget guidance, please visit the RSP website: https://www.wright.edu/research/research-and-sponsored-programs/pre-award/budget-development.

SAVE THE DATE FOR SPIN TRAINING!

This interactive training session on the SPIN funding database walks attendees through the process of utilizing the electronic search engine-style database to identify potential funding sources to support research and other sponsored programs. The 45-60 minute workshop will be held in LX016 and offered on Wednesday, June 28 at 11:00 a.m. and Wednesday, August 23 at 10 a.m. To attend either session, please RSVP at your earliest convenience to deborah.lundin@wright.edu or call extension 2423.

**NOTE: Preregistration is strongly encouraged to ensure your access to the database (you must be entered in the InfoEd GENIUS database prior to attending - RSP can accomplish this entry for you when you reserve your space at the workshop).
You’ve submitted the perfect journal voucher (JV) to transfer expenses from your unrestricted fund to a grant. It speeds its way through the approval process…until it gets to RSP Post Award. You receive an email from your grants accountant, requesting more information for the JV. What? You say you completed this JV the same way you always do JVs? That is most certainly true, but JVs affecting 6xxxxx funds require more detailed information.

All JVs should include detailed information regarding the expense that is being transferred:

- Transaction date of the original expense
- Banner document code of the original expense (for example, invoice number or Travel Authorization number)
- Vendor or supplier name for the original expense
- Description of the expense
- Dollar amount of the expense, if there is more than one expense being transferred on the same JV
- Reason for the expense transfer

Providing this information will generally allow anyone viewing the JV to locate the source of the expense being transferred in Wings Express Finance (WEF). If you’ve ever had to research a transferred expense, you know that the more information, the better!

For JVs affecting 6xxxxx funds:

- An explanation of how the expense benefits the grant/fund should be included
- For procard expense transfers, attach a copy of the procard statement and the backup documentation to the JV

Non-procard expense documents can generally be located within WEF. However, procard expense documents are not available directly through WEF.

Why is this additional information required?

- Post Award is able to review the expense and verify its allowability and applicability to the grant/fund
- If there is an internal or external audit, the source documents can be readily accessed

The University community as a whole is working towards a higher level of efficiency. JVs that include the proper documentation save time for all involved. In FY2015, 4,300 J16 (expense transfers) JVs were generated. On average, 18%, or 774 JVs, were disapproved for various reasons. That is a lot of wasted effort!

Your grants accountant (https://www.wright.edu/research/research-and-sponsored-programs/post-award/post-award-services) can usually correct an incorrect JV or add document text to clarify the expense as needed. This is still somewhat time consuming, but generally more efficient than disapproving and re-initiating the JV.

For additional information, please contact the Post Award department, and visit the link: https://www.wright.edu/research/research-and-sponsored-programs/post-award/grant-expenditures.

We’re always here to help!
IRB GOES ELECTRONIC IN THE RSP GATEWAY, UPDATES

The Human Subjects module in the RSP Gateway is now operational. And, effective June 1, 2017, all IRB submissions for Human Subjects must be submitted through the RSP Gateway. Training sessions for the Human Subjects module will occur once a month. The dates and times for training scheduled through August 2017 are listed below. Please contact Robyn Wilks (ext. 4462) or Jodi Blacklidge (ext. 3974) if you would like to attend a session. Space is limited.

Additionally, the IRB deadline dates are changing. Please see the information below for the revised IRB deadline dates. The revised dates are effective as of July 1, 2017.

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Time/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 12</td>
<td>1:00—3:00 p.m., Library Annex 016</td>
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<td>July 10</td>
<td>1:00—3:00 p.m., Library Annex 016</td>
</tr>
<tr>
<td>August 14</td>
<td>1:00—3:00 p.m., Library Annex 016</td>
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<tr>
<td>September 11</td>
<td>1:00—3:00 p.m., Location TBD</td>
</tr>
<tr>
<td>October 10</td>
<td>1:00—3:00 p.m., Location TBD</td>
</tr>
<tr>
<td>November 13</td>
<td>1:00—3:00 p.m., Location TBD</td>
</tr>
<tr>
<td>December 11</td>
<td>1:00—3:00 p.m., Location TBD</td>
</tr>
</tbody>
</table>

WRIGHT STATE UNIVERSITY INSTITUTIONAL REVIEW BOARD MEETING SCHEDULE SUMMER/FALL 2017

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Deadline Date</th>
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<tr>
<td>July 17</td>
<td>June 26</td>
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<tr>
<td>August 21</td>
<td>July 31</td>
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<tr>
<td>September 18</td>
<td>August 28</td>
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<tr>
<td>October 16</td>
<td>September 25</td>
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<td>November 20</td>
<td>October 30</td>
</tr>
<tr>
<td>December 18</td>
<td>November 27</td>
</tr>
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</table>

IACUC TO Go ELECTRONIC IN THE RSP GATEWAY IN JULY

The Institutional Animal Care and Use Committee (IACUC) module in the RSP Gateway is almost ready. Research and Sponsored Programs (RSP) staff are putting the final touches on the eForms and trials are currently underway with the committee to ensure that all processes are in working order. What does this mean for you? In the coming months we will be transitioning to the new, electronic protocol submission process. Your current protocols will still be in place and usable. For new submissions, you will be required to use the RSP Gateway. RSP staff will schedule training sessions to educate investigators and interested staff on accessing and using the newly released module. The anticipated launch date is July 1, 2017. Questions? Contact Laboratory Animal Resources (LAR) at ext. 2792, or Mandy Karper, Compliance Coordinator in Research and Sponsored Programs, at ext. 3332.
The Office of Research Compliance is enhancing and expanding Wright State’s export compliance (EC) program, which encompasses all of the federal rules and regulations governing export controls and trade sanctions. The primary sources of these laws are the Department of Commerce’s Export Administration Regulations (EAR), the Department of State’s International Traffic in Arms Regulations (ITAR), and the Department of Treasury’s Office of Foreign Asset Control (OFAC). Other federal agencies may have their own rules, potentially resulting in additional restrictions.

Much of the focus of the EAR and ITAR is on identifying and classifying sensitive technology, and protecting it from “foreign persons,” including everything from equipment shipments overseas to viewing drawings or diagrams in one’s office. We are working with colleges, departments, and other offices – HR, Purchasing, UCIE, CaTS, Shipping/Receiving, to name a few – to implement the steps necessary to protect the university and its personnel. Risks of noncompliance include fines in the hundreds of thousands of dollars as well as potential jail time.

There is a natural tension with export compliance and a university. One seeks to limit who has access to sensitive technology and information in an environment that is driven by presentation and publications. Our EC program is focused on assisting faculty, staff, and students with taking the appropriate steps to comply with the many rules while also balancing the desire to make public the great research being performed here.

In the coming months, new information will be posted to the export controls website (http://www.wright.edu/research/compliance/export-control), have more opportunities for learning about EC, and a new university policy will be released.

We look forward to partnering with you to enhance all our research compliance efforts. Questions? Please call the Office of Research Compliance at 775-3853.
## AWARDS

The grants and contracts on these pages were awarded from April 2016 through March 2017 Award amounts may reflect one or more years/increments.

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Grandhi, Ramana V.</td>
<td>Collaborative Center in Multidisciplinary Sciences (CCMS)</td>
<td>Virginia Polytechnic Institute and State University</td>
<td>$130,007</td>
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<tr>
<td>Boivin, Gregory</td>
<td>Biopsy Study</td>
<td>Devicor Medical Products, Inc.</td>
<td>$30,256</td>
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<td>Harris, Charlotte M.</td>
<td>Dayton Regional Science, Technology, Engineering, and Mathematics School Services Agreement</td>
<td>$2,915,548</td>
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<td>Keferl, Joseph E.</td>
<td>Dayton Regional Science, Technology, Engineering, and Mathematics School Services Agreement</td>
<td>$3,049,259</td>
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<td>Sudkamp, Thomas A.</td>
<td>Articulation and Transfer FY2017</td>
<td>Ohio Department of Higher Education</td>
<td>$1,217,052</td>
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<td>Brown, Elliott</td>
<td>III-N Devices and Architectures for THz Electronics</td>
<td>University of Notre Dame</td>
<td>$45,587</td>
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<td>Kenyon, Lisa Orvik</td>
<td>Supporting Scientific Practices in Elementary and Middle School Classroom</td>
<td>Northwestern University</td>
<td>$33,120</td>
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<tr>
<td>Brown, Elliott</td>
<td>Non-Contact, THz Sensing of Corneal Hydration</td>
<td>University of California, Los Angeles</td>
<td>$22,468</td>
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<td>Fox, Jane Lee</td>
<td>MAVEN Mission</td>
<td>University of Colorado</td>
<td>$231,243</td>
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<td>Barnhart, Amy</td>
<td>College Work Study Program</td>
<td>U.S. Department of Education</td>
<td>$940,830</td>
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<td>Gross, David C.</td>
<td>Interactions with Semi-Autonomous Remotely Piloted Vehicles</td>
<td>DoD, Air Force, Air Force Research Laboratory</td>
<td>$375,000</td>
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<tr>
<td>Olson, Dean M.</td>
<td>Aerospace Medicine Training in the Era of Expanding Human Space Flights Beyond ISS and LEO</td>
<td>National Aeronautics and Space Administration</td>
<td>$925,047</td>
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<td>Dewberry, Brenda I.</td>
<td>Building Successful Futures</td>
<td>U.S. Department of Education</td>
<td>$507,500</td>
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<td>Slilaty, Daniel C.</td>
<td>Topological Graph Theory and Matroid Theory</td>
<td>Simons Foundation</td>
<td>$14,000</td>
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<td>Brown, Elliott</td>
<td>1550-nm Extrinsic-GaAs Photomixers, Arrays and Spectrometers</td>
<td>DoD, Army Research Office</td>
<td>$70,600</td>
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<td>Tarpey, Thaddeus</td>
<td>Characterizing Placebo Response to Active Treatment Using Very High Dimensional Data</td>
<td>New York University School of Medicine</td>
<td>$245,980</td>
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<td>Sheth, Amit</td>
<td>Service Contract Between Qassim University and Wright State University</td>
<td>Qassim University, Unaizah College of Medicine</td>
<td>$1,000,000</td>
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<tr>
<td>Parmelee, Dean X.</td>
<td>Service Contract Between Qassim University and Wright State University</td>
<td>Qassim University, Unaizah College of Medicine</td>
<td>$34,052</td>
</tr>
</tbody>
</table>

The staff of the Office of Research and Sponsored Programs congratulates those receiving external funds, and we encourage those with unfunded proposals to consult with us about resubmission.
Pickoff, Arthur S.  
Clinical Trial  
Sanofi Pasteur, Inc.  
$249,021

Terry, John B.  
Wysong, Mark  
Clinical Trial  
Johns Hopkins University  
$22,188

Look, David C.  
Native Point Defects, Electrically Active Impurities, and Plasmonics  
Ohio State University  
$120,000

Roberts, Rory A.  
Wolff, J. Mitch  
Center for Integrated Thermal Management of Aerospace Vehicles  
Purdue University  
$46,719

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

Rich, Mark M.  
Reduced Motoneuron Excitability in Sepsis  
DHHS, National Institute of Neurological Disorders and Stroke  
$325,670

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

Boivin, Gregory  
Sinclair Training  
Sinclair Community College  
$4,654

Grandhi, Ramana V.  
Neiferd, David John  
Multidisciplinary Size, Shape, and Topology Optimization of Thermoelastic Structures Under Combined Loading  
Dayton Area Graduate Studies Institute  
$52,260

Doom, Travis E.  
Gallagher, John C.  
Raymer, Michael L.  
Research and Development of Educational Methods for Use in Inverted-Lecture Computer Science Classrooms Based on a Model of the Barriers to Student Success in STEM  
Association of American Colleges and Universities  
$49,999

Higgins, Steven R.  
Development and Application of a Hydrothermal Atomic Force Microscope  
Oak Ridge National Laboratory  
$112,000

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  
$156,201

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

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

Daniulaityte, Raminta  
Carlson, Robert G.  
Nahhas, Ramzi  
Sheth, Amit  
Thirunarayanan, Krishnaprasad  
Trending: Social Media Analysis to Monitor Cannabis and Synthetic Cannabinoid Use  
DHHS, National Institute on Drug Abuse  
$460,736

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

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

Nevels, Dieter  
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  
$62,990

Nevels, Dieter  
Miscellaneous Awards Under DCOP Fiscal Agency Agreement  
Dayton Clinical Oncology Program  
$37,354

Ren, Saiyu  
Low Power Anti-jam GPS Integrated Circuit Development  
RBS Technologies, LLC  
$100,000
Bowling, Nathan A.  
*Predictors of Trust/Suspicion in Automation*

Systems Research and Applications International  
$59,600

Ford, JoAnn  
Wilson, Josephine F.  
*Integrated Continuum-of-Care Services (ICS) Project*

DHHS, Substance Abuse and Mental Health Services Administration  
$500,000

Farra, Sharon L.  
*Effects of Virtual Reality Simulation on Worker Emergency Evacuation of Neonates*

DHHS, Agency for Healthcare Research and Quality  
$242,330

Kaminski, Jennifer A.  
*Facilitating Transcational Science Foundationer of Mathematical Knowledge from Classroom to Real Life*

Ohio State University  
$163,004

Martin, Bryan M.  
*ACHIEVE: A Chance to Have and Improve the Experience and Value of Education*

U.S. Department of Education  
$364,162

Wysong, Mark  
*Clinical Research Affiliation and Operations Agreement CY15*

Premier Health Partners  
$786,141

Cox, Michael T.  
*Goal-Driven Autonomy and Robust Architectures for Long-Duration Missions*

DoD, Office of Naval Research  
$398,951

Kozak, Juliusz Ashot  
*TRPM7 and Cellular pH*

DHHS, National Institute of Allergy and Infectious Diseases  
$740,000

Zoz, III, Donald F.  
*Clinical Trial*

Gilead Sciences, Inc.  
$1,615

Srinivasan, Raghavan  
*Assessing the Impact of Dwell and Multi-Axial Fatigue on Performance of Titanium Alloys*

University of Dayton  
$15,080

Wolff, J. Mitch  
*High Impact Technologies*

Dayton Area Graduate Studies Institute  
$81,544

Bourbakis, Nikolaos G.  
*A Methodology to Protect Classified Technical Documents: The Diagram Modification Approach*

DoD, Office of Naval Research  
$342,022

Parker, Jason G.  
*ShadowBox*

Center for Operator Performance  
$3,150

Gallimore, Jennie J.  
*ShadowBox Training II*

Center for Operator Performance  
$10,500

Mawasha, P. Ruby  
*Ohio Space Grant Consortium Scholarship/Fellowship Program 2014/2015*

Ohio Department of Higher Education  
$4,000

Hammerschmidt, Chad R.  
*Mercury Analysis of Environmental Samples*

More Than One Source of Support  
$12,192

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  
$9,999

Wolff, J. Mitch  
*Turbine Engine Inlet Distortion Aeromechanical Investigation for AFRL/RQTI*

Universal Technology Corporation  
$33,256

Barnhart, Amy  
*Supplemental Educational Opportunity Grant Program (SEOG) 2015/2016*

U.S. Department of Education  
$3,036

Barnhart, Amy  
*PELL Grant Program 2015/2016*

U.S. Department of Education  
$18,882,953

Elbsiouny, Sherif M.  
*Mechanisms Underlying Excitability Regulation of Motoneuron Types in ALS*

DHHS, National Institute of Neurological Disorders and Stroke  
$323,750

Matsuura, John H.  
Wysong, Mark  
*Clinical Trial*

Hansen Medical Inc.  
$20,790

Jacobs, Bradley S.  
Wysong, Mark  
*Clinical Trial*

Genentech, Inc.  
$48,534
Deibel, Jason A.  
*Design/Development and Characterization of Microwave/Terahertz Frequency Superconducting Antennas*
University of Dayton  
$35,000

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

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  
$3,556,999

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

Duren, Dana L.  
*Versartis Skeletal Maturity Contract (14VR4)*  
Versartis, Inc.  
$2,980

Towne, Bradford  
*Versartis Skeletal Maturity Contract (14VR4)*  
Versartis, Inc.  
$6,720

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

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

Paliy, Oleg  
Agans, Richard T.  
*Biomolecular Interactions of Nanoparticles and Other Aerospace Chemicals with Gut Microbial and Metabolite Profiles*  
Dayton Area Graduate Studies Institute  
$52,260

Schultz, Michelle S.  
*SOPP Internship: Eastway Forensic Psychiatric Center Site, FY2016*  
Eastway Behavioral Healthcare  
$16,000

Schultz, Michelle S.  
*SOPP Practicum: Central Clinic FY2016*  
Central Clinic  
$16,000

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

Wysong, Mark  
*Clinical Nurse to Support the Miami Valley Hospital Department of Surgery*  
Premier Health Partners  
$99,388

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

Travers, Jeffrey B.  
*Wounding Therapy and Photocarcinogenesis*  
DHHS, National Institute on Aging  
$654,434

McCarthy, Mary C.  
Wysong, Mark  
*Clinical Trial*  
Boehringer Ingelheim  
$43,992

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

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

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

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

Cao, Caroline  
*Development and Validation of a Virtual Airway Skill Trainer (VAST)*  
Rensselaer Polytechnic Institute  
$95,922

Smith, Sherrill Jeanne  
*Wright State University Veteran's Bachelor of Science Nursing Program*  
DHHS, Health Resources and Services Administration  
$305,758
Mian, Ahsan Akm  
*NASA STTR Phase I - Integrated Modeling and SLM Process Development Chamber*

Advratech, LLC  
$48,609

Warfield, Janeece  
*PECE-PACT: Parents Early Childhood Education/Positive Action Choices Training*

Montgomery County ADAMH Services Board  
$69,288

Huang, Hong  
*Soft Organic Functional Technology (SOFT) - Nanostructured Architectures for Structural Batteries*

Universal Energy Systems, Inc.  
$14,195

Barnhart, Amy  

American Society for Engineering Education  
$9,142

Rigling, Brian D.  
*Collaborative Research: I/UCRC Center for Surveillance Research, Phase II*

National Science Foundation  
$184,400

Schneider, Tamera  
*Intergovernmental Personnel Act (IPA) assignment of Dr. Tamera Schneider from Wright State University to the National Science Foundation*

National Science Foundation  
$145,346

Rigling, Brian D.  
*Collaborative Center for Surveillance Research, Phase II*

More Than One Source of Support  
$237,500

Sudkamp, Thomas A.  
*Choose Ohio First, 2015-2017*

Ohio Department of Higher Education  
$1,453,339

Lieh, Junghsen  
*Cost Estimating Models for Advanced Composite Aircraft Using Additive Manufacturing*

Wyle Laboratories  
$31,420

Sahu, Ravi P.  
*Environmental Pro-Oxidation Stressors and Immunosuppression*

DHHS, National Institute of Environmental Health Sciences  
$239,676

Sunar, Ulas  
*Quantitative Endoscopic Imaging and Structured Light Delivery for Controlled Drug*

DHHS, National Institute of Biomedical Imaging and Bioengineering  
$35,551

Farrell, Ann M.  
*Tosa, Sachiko*

*Lesson Study as Collaborative, Practice-Based Professional Development*

Ohio Department of Education  
$187,005

Schmitz, James L.  
*FY15 GEOINT MS&E Support - A2C-15-032 FY15 Improved Analysis Tool Development*

Invertix Corporation  
$58,527

Killian, Jerri  
*Greene County Records Intern*

Greene County Records Center and Archives  
$5,000

Gentile, Julie P.  
*Cowan, Allison*

Harper, Bethany L.  
*Mast, Ryan C.*

Merrill, Brian M.  
*Ohio's Telepsychiatry Project*

Ohio Department of Developmental Disabilities  
$225,000

Orlowski, Marietta A.  
*OHIO Smarter Lunchrooms - Evaluation of 2015-2016*

Ohio Department of Education  
$15,750

Kozlowski, Gregory  
*Development of Robust Compact Sources for Alkali Atom Systems*

Universal Energy Systems, Inc.  
$20,500

Gross, David C.  
*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*

DoD, Air Force, Air Force Research Laboratory  
$210,000

Ulrich, Deborah Lee  
*Choose Ohio First: Primary Care Nursing Scholarships and Curriculum Enrichment, 2015-2017*

Ohio Board of Regents  
$100,000

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

Ohio Space Grant Consortium  
$7,500

Peters, Jeffrey L.  
*American Ornithologists' Union 2015 Travel and Presentation Awards*

American Ornithologists' Union  
$800
Fruth, Jason D.
Partnering in PAX
Ohio Department of Mental Health and Addiction Services
$50,000

Dunn, Margaret M.
Ohio Innovation Partnership Choose Ohio First Scholarship Program
Ohio Board of Regents
$540,000

Huang, Hong
Phase-Cancelled, Broadband, Graphene-Based Impedance Sensor (Phase II)
Advratech, LLC
$147,399

Travers, Jeffrey B.
Sahu, Ravi P.
Cool, David R.
Li, Gengxin
Platelet Activating Factor and Epidermal Cytotoxicity
DHHS, National Heart, Lung, and Blood Institute
$373,713

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
$314,460

Pickoff, Arthur S.
Wysong, Mark
Clinical Trial
Duke University
$22,000

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

Lindheim, Steven R.
Yaklic, Jerome Lumetta
Wysong, Mark
Clinical Trial
Bayer Corporation
$106,416

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

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

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

Towne, Bradford
Genetic Epidemiology of Ocular Health and Disease
University of Texas Rio Grande Valley
$52,165

Black, Donerik G.
Small Business Development Center, FY2016
Ohio Development Services Agency
$264,400

Grandhi, Ramana V.
Collaborative Research: A Cellworks Optimization Method for Air Vehicle Design
University of Hawaii at Manoa
$132,978

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

Rigling, Brian D.
Object Physics for Exploitation and Recognition Advancements (OPERA)
Leidos, Inc.
$10,000

Rigling, Brian D.
TRACE
Industry/DoD, Defense Advanced Research Projects Agency
$750,000

Roberts, Rory A.
Wolff, J. Mitch
A Cryogenic Palletized Directed Energy System
Purdue University
$100,000

Roberts, Rory A.
Wolff, J. Mitch
Dynamic Modeling and Simulation of a Three Stream Engine for Vehicle Power and Thermal Management
Purdue University
$100,000

Rigling, Brian D.
Expanded INSIGHTS Functionality - Multi-User/Team Support
Engility Corporation
$104,000
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<td>Ohio's Coordinating Center of Excellence in Mental Health/Intellectual Disability</td>
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<td>Professorship of Rural Psychiatry: Ohio Department of Mental Health and Addiction Services</td>
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<td>Raymer, Michael L.</td>
<td>NMR-Based Urinary Metabolomics in Rats Exposed to Burn Pit Emissions and Respirable Sand</td>
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<td>Wilson, Josephine F.</td>
<td>Online VR Assessment and Service Protocol to Enhance Employment of Individuals Who Are Deaf</td>
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<td>Zhou, Xiangqian</td>
<td>Fifty-Seventh Mighty Conference in Graph Theory</td>
<td>$8,436</td>
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Cauley, Katherine L.
Sinclair Community College Matching Funds CY2015
Sinclair Community College
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Pickoff, Arthur S.
Wysong, Mark
Clinical Trial
Alcon Research, Ltd.
$28,360

Sheth, Amit
Thirunarayan, Krishnaprasad
Modeling Social Behavior for Healthcare Utilization and Outcomes in Depression
Cornell University
$186,480

Wanderi, Joy W.
Community Partnership Grant Bridge Award
Global Ties U.S.
$345

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

Terry, John B.
Wysong, Mark
Clinical Trial
Boehringer Ingelheim
$106,924

Pickoff, Arthur S.
Clinical Trial
INC Research LLC
$60,726

Pickoff, Arthur S.
Wysong, Mark
Clinical Trial
New England Research Institutes
$63,186

Krishnamani, Rajan
Wysong, Mark
Clinical Trial
PPD Development, LLC
$39,923

Burdette, Steven D.
Wysong, Mark
Clinical Trial
Cubist Pharmaceuticals, Inc.
$48,690

Pickoff, Arthur S.
Wysong, Mark
Clinical Trial
Morphotek, Inc.
$130,802

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

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

Warfield, Janecece
My Baby and Me: Raising Awareness of Postpartum Depression Among African American Women (FY2016)
Ohio Commission on Minority Health
$3,000

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

Ritzi, Jr., Robert W.
Ground Water Protection Program 2016
Cemex
$24,971

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

Sheth, Amit
REU Supplement: IIS: Medium: Context-Aware Harassment Detection on Social Media
National Science Foundation
$32,000

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

Cox, Michael T.
Situational Awareness via Mixed-Initiative Universal Recognition, Analysis, and Inference
Decisive Analytics
$334,206

Bini, John K.
Clinical Trial
National Trauma Institute
$53,622

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

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

Lehrer, Douglas S.
African Ancestry Genomic Psychiatry Cohort
Research Foundation for The State University of New York
$327,590
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
$412,698

Travers, Jeffrey B.
Wysong, Mark
Clinical Trial
Polynoma LLC
$191,839

Watchorn, Chad L.
Passport to the Future
Ohio Department of Education
$95,000

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

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

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

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

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

Sheth, Amit
Employee and Job Search Semantic Engine: Phase I
Universal Freelancer
$60,000

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

Pickoff, Arthur S.
Clinical Trial
Parexel International, LLC
$35,357

Elbasiouny, Sherif M.
Brain-Computer Interfaces for Human-Autonomous Teaming (BCI-HAT)
Wright State Applied Research Corporation
$60,000

Zink, Therese M.
Cauley, Katherine L.
Community Health Workers First
Ohio State University
$155,986

Lawhorne, Larry Wayne
Klykylo, William M.
Swedlund, Steven K.
Preparing the Workforce for Ohio's Medicaid Population: Addressing the Needs of the Young and the Old
Ohio State University
$62,699

Kinzeler, Nicole
Wilson, Josephine F.
Mindfulness Program Evaluation
Interact for Health
$22,700

Pei, Yong
Assessing the Accuracy of Commercially Available Motion Tracking
Kinemattechs, LLC
$17,760

Gentile, Julie P.
Ohio's Coordinating Center of Excellence in Mental Illness/Developmental Disability
Ohio Developmental Disabilities Council
$75,000
Huang, Hong  
*Improving Electrical and Mechanical Performances of Electrolyte Membranes for Flexible Solid-State Li-Ion Batteries*

University of Dayton  
$18,000

Dockery, Jane L.  
*NEG Sector Partnership Dislocated Worker Grant Compression Planning*

Montgomery County Department of Job and Family Services  
$2,132

Cauley, Katherine L.  
Simmons, Dionne M.  
*Kinship Navigator Consortium FY2016*

Montgomery County Department of Job and Family Services  
$128,900

Zhuang, Yan  
*Growth and Characterization of Multiferroic Materials*

Azimuth Corporation  
$45,000

Rigling, Brian D.  
*A DARPA Effort*

Industrial  
$15,200

Krishnamani, Rajan  
*Clinical Trial*

Cardiovascular Clinical Science Foundation  
$21,488

Norell, Todd R.  
*Revolutionary Intelligence and Influence Technologies (RIIT)*

DoD, Air Force, Air Force Research Laboratory  
$943,000

Huber, Mary Josephine  
*The Learning and Working During the Transition to Adulthood Rehabilitation Research and Training Center*

University of Massachusetts Medical School  
$12,755

Wilson, Josephine F.  
*East Dayton AWARE Project*

Montgomery County ADAMH Services Board  
$12,500

Murray, Carol S.  
*Responsible Gambling - Premarketing Campaign Telephone Survey*

University of Dayton  
$11,392

Schultz, Michelle S.  
*SOPP Practicum: CHC of Greater Dayton FY2016*

Community Health Centers of Greater Dayton  
$10,800

Zhang, Junjie  
Wang, Bin  
*REU Site: Data-Driven Cyber Security Research*

National Science Foundation  
$359,772

Bihl, Ji Chen  
*Role of ACE2 Overexpressing Endothelial Progenitor Cells in Cerebral Hemorrhage*

American Heart Association - National  
$77,000

Zhang, Wenfeng  
*Veterans Affairs Medical Center IPA Agreement*

Veterans Affairs Medical Center  
$35,807

Hager, Faye  
*Dayton Veterans Affairs Medical Center IPA Agreement*

Veterans Affairs Medical Center  
$66,324

Rapp, Christine M.  
*Dayton Veterans Affairs Medical Center IPA Agreement*

Veterans Affairs Medical Center  
$33,492

Travers, Jeffrey B.  
*Mechanisms of Photocarcinogenesis in Geriatric Skin*

Indiana University  
$108,333

Broderick, Timothy J.  
Miller, Aaron N.  
Ganapathy, Subhashini  
Reiter, Chad  
Bourbakis, Nikolaos G.  
Cox, Michael T.  
*Center for Excellence for Human Performance and Health Science: LVC/SAPHYRE/Micro-Robot Teams*

Wright State Applied Research Corporation  
$1,998,362

Dewey, Dawne  
*Public History Graduate Symposium*

Ohio Humanities Council  
$1,500

Barnhart, Amy  
*Supplemental Educational Opportunity Grant Program (SEOG) 2016/2017*

U.S. Department of Education  
$402,948

Barnhart, Amy  
*PELL Grant Program 2016/2017*

U.S. Department of Education  
$19,319,792

Burdette, Steven D.  
Wysong, Mark  
*Clinical Trial*

Cubist Pharmaceuticals, Inc.  
$37,084

Kinzeler, Nicole  
*Mental Health First Aid*

Interact for Health  
$43,284
Xu, Yong-Jie
*Signaling Mechanism of the DNA Replication Checkpoint*
DHHS, National Institute of General Medical Sciences
$259,000

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

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

Dockery, Jane L.
*The Next Iteration of Fast Forward: Evaluation Plan from Wright State University*
Sinclair Community College
$14,505

Carlson, Robert G.
*Dayton Area Drug Survey 2016*
Montgomery County ADAMH Services Board
$39,063

Wilson, Josephine F.
*Mental Health First Aid Training in Hamilton County*
Mental Health America
$25,000

Wilson, Josephine F.
*45417 MHFA Project*
Mt. Olive Baptist Church
$25,000

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

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

Dockery, Jane L.
*City of Loveland Strategic Retreat*
City of Loveland, Ohio
$3,156

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

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

Cox, Michael T.
*Robust Adaptable Information-Aided Cognition Target Identification*
Advratech, LLC
$10,000

Slattery, William
*Lunsford, Suzanne K. Science Teaching for Ohio’s New Economy (STONE)*
Ohio Board of Regents
$67,949

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

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

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

Paliy, Oleg
*Reo, Nicholas V. Intestinal Epithelial Cell Regulation of Allergic Inflammation at Distant Sites*
Ohio State University
$92,000

Roberson, Elizabeth Jo
*Cipollini, Donald F. Ohio Invasive Plants Council Research Award*
Ohio Invasive Plants Council
$1,000

McGowin, Audrey E.
*Lytte Creek and Indian Run Sediment and Water Pollution Assessment*
Clinton Streamkeepers
$3,849

Ashley, Mary E.
*Ayres, R. William Wright State University Pathway Two Proposal*
Ohio Department of Education
$702,820

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

Kadakia, Madhavi P.
*Roe, Nicholas V. Intestinal Epithelial Cell Regulation of Allergic Inflammation at Distant Sites*
Ohio State University
$92,000

Roberson, Elizabeth Jo
*Cipollini, Donald F. Ohio Invasive Plants Council Research Award*
Ohio Invasive Plants Council
$1,000

McGowin, Audrey E.
*Lytte Creek and Indian Run Sediment and Water Pollution Assessment*
Clinton Streamkeepers
$3,849

Ashley, Mary E.
*Ayres, R. William Wright State University Pathway Two Proposal*
Ohio Department of Education
$702,820

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

Kadakia, Madhavi P.
*Roe, Nicholas V. Intestinal Epithelial Cell Regulation of Allergic Inflammation at Distant Sites*
Ohio State University
$92,000
Gomez-Cambronero, Julian
PLD2, as a GEF or as a Lipase, is Central to Leukocyte Chemotaxis
DHHS, National Heart, Lung, and Blood Institute
$363,064

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

Hangartner, Thomas N.
Renal Osteodystrophy: A Fresh Approach
University of Kentucky
$14,034

Slater, Joseph C.
Modeling and Analysis of Damping Performance of Hard Coatings in Turbomachinery
Dayton Area Graduate Studies Institute
$47,880

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

Wolff, J. Mitch
OSGC Campus Allocation Funds
Ohio Space Grant Consortium
$2,209

Schmitz, James L.
FY15 GEOINT MS&E Support - Algorithm Bank
Invertix Corporation
$0

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

Rich, Mark M.
Fyffe, Robert E.W.
Synaptic Function: Effects of the Nerve Injury, and Altered Activity
Georgia Tech Research Corporation
$684,949

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

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

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

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
$15,000

Winfrey, LaPearl L.
REEP Infant Mortality FY2016
Ohio Commission on Minority Health
$50,000

Terry, John B.
Wysong, Mark
Clinical Trial
Acorda Therapeutics Inc.
$87,166

Terry, John B.
Clinical Trial
Biogen Idec MA Inc.
$101,716

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

Wischgoll, Thomas
Visualization of Particulate Data
Henry M. Jackson Foundation
$59,995

Sample, Gregory P.
Support for Presidential Debate Security Update Activities
Ohio Department of Higher Education
$220,000

Rigling, Brian D.
Mossing, John C.
Test and Evaluation Support for VEA and TRACE
Jacobs
$100,000

Ren, Hongmei
Regulation of Mitochondrial Oxidative Metabolism by Lipin1
American Heart Association - National $39,939

Rich, Mark M.
Developing Therapy for Myotonia Congenita
Muscular Dystrophy Association
$82,603
<table>
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<tr>
<th>Project Title</th>
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<td>Dress Your Dog Here: The Impact of Pairing Vegetables with Popular Entrée Items</td>
<td>Orlowski, Marietta A. Spears, William D. Sheth, Amit Thirunarayan, Krishnaprasad Forbis, Shalini G.</td>
<td>Cornell University</td>
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<td>McCarthy, Mark J.</td>
<td>DHHS, National Institute of Child Health and Human Development</td>
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<td>Acorda Therapeutics Inc.</td>
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<td>Maximizing the Collective Intelligence of a Network Using Novel Measures of Socio-Cognitive Diversity</td>
<td>Minnery, Brandon S. Sheth, Amit Shalin, Valerie L.</td>
<td>DoD, Army Research Office</td>
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Rigling, Brian D. Garber, Fred D. Saville, Michael Shaw, Arnab K. Wischgoll, Thomas Rizki, Mateen M.
Parker, Jason G.
*Alternate Tinnitus Management Techniques Developed Using Blood-Oxygen-Level-Dependent MRI with Neurofeedback*
DoD, Air Force, Air Force Research Laboratory
$1,196,000

Paliy, Oleg
*Protective Effects of Short Chain Fatty Acids Against Infective Endocarditis*
University of Dayton
$28,000

Rooney, Thomas
*Deer Nutrition Analysis and Incidence of Borrelia, Anaplasma, and Babesia in Ticks*
Dairymen’s, Inc.
$8,000

Sheth, Amit
*Technical Services for Evaluation of Twitris*
Ikove Capital Partners, LLC
$16,328

Polenakovik, Hari M.
*Clinical Trial*
Paratek Pharma, LLC
$108,186

Ekeh, Akpofure P.
*Clinical Trial*
Irrimax Corporation
$67,095

Deibel, Jason A.
*Broad Area Terahertz Frequency Spectroscopic Material State Awareness*
BerrieHill Research Corporation
$49,995

Fruth, Jason D.
*Miracle, Tessa L. Huber, Jon-Michael Healthy Campus Partners*
Ohio Department of Higher Education
$51,600

Feld, William A.
*All Solid-State Lithium Electrochemical Technology*
University of Dayton
$30,000

Daniulaityte, Raminta
*Carlson, Robert G. Pavel Sizemore, Ioana E. Characterizing Fentanyl Outbreaks: Ethnographic and Forensic Perspectives*
DHHS, National Institute on Drug Abuse
$224,546

Travers, Jeffrey B.
*Sulentic, Courtney E.W. Photodynamic Therapy-Induced Immune Modulation: Mechanisms and Influence on Therapeutic Efficacy*
DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases
$195,360

Schultz, Michelle S.
*SOPP Internship: Summit BHC FY2017 Summit Behavioral Healthcare $16,000*

Schultz, Michelle S.
*SOPP Internship: PHP Upper Valley Medical Center FY2017 Premier Health Partners $16,000*

Schultz, Michelle S.
*SOPP Internship: CompDrug FY2017 CompDrug $16,000*

Schultz, Michelle S.
*SOPP Practicum: Central Clinic, Adult Services FY2017 Central Clinic $16,000*

Schultz, Michelle S.
*SOPP Practicum: Center for Adolescent Services FY2017 Center for Adolescent Services $9,000*

Schultz, Michelle S.
*SOPP Practicum: CompDrug FY2017 CompDrug $8,320*

Schultz, Michelle S.
*SOPP Practicum: Court Clinic Site FY2017 Central Clinic $18,000*

Schultz, Michelle S.
*SOPP Practicum: CHC of Greater Dayton FY2017 Community Health Centers of Greater Dayton $14,400*
Schultz, Michelle S.
SOPP Practicum: Hillcrest Academy FY2017
Hillcrest Academy
$14,000

Hammerschmidt, Chad R.
Collaborative Research: GEOTRACES
Arctic Section: Mercury Speciation and Cycling in the Arctic Ocean Supplemental
National Science Foundation
$33,987

Cheatham, Michelle Andreen
Hitzler, Pascal
Krisnadhi, Adila Alfa
Demonstration of Semantic Web Technologies As Applied to Surface Water Categorization
U.S. Geological Survey
$120,000

Ganapathy, Subhashini
Berberich, Katelyn A.
Model-Based Simulation Systems for Adaptive Training in Time - Critical Decision Making
Dayton Area Graduate Studies Institute
$44,130

Schultz, Michelle S.
SOPP Practicum: Miami University FY2017
Miami University
$7,400

Farrell, Ann M.
Tosa, Sachiko
Lesson Study as Collaborative, Practice-Based Professional Development
Ohio Department of Education
$45,130

Schultz, Michelle S.
SOPP Practicum Training: Brief Therapy FY2017
Brief Therapy Center
$36,167

Schneider, Tamera
TAHMT Task Order 001
Systems Research and Applications International
$25,012

Schultz, Michelle S.
SOPP Practicum: UD Counseling Center FY2017
University of Dayton
$12,400

Zink, Therese M.
Reynolds, Peter L.
Zryd, Teresa W.
Colon, Roberto J.
Young, Brenda Buescher
Burke, Ann E.
Accelerating Primary Care TraNational Science Foundationormation Wright (APCT-Wright)
DHHS, Health Resources and Services Administration
$451,764

Schultz, Michelle S.
SOPP Practicum: Self Matters FY2017
Self Matters LLC
$2,400

Long, Weiwen
Role of SRC-3delta4 in the Progression and Metastasis of Castration-Resistant Prostate Cancer
DoD, Army Medical R&D Command
$241,855

Schultz, Michelle S.
SOPP Practicum: Summit BHC FY2017
Summit Behavioral Healthcare
$9,000

Schultz, Michelle S.
SOPP Practicum: Nationwide Children's Hospital, Center for Autism Spectrum Disorder FY2017
Nationwide Children’s Hospital
$5,000

Zryd, Teresa W.
Burke, Ann E.

Schultz, Michelle S.
SOPP Practicum: Nationwide Children's Hospital, Center for Autism Spectrum Disorder FY2017
Nationwide Children’s Hospital
$5,000

Terry, John B.
Clinical Trial
Codman Neuro
$204,329
Doom, Travis E.
*Updating Skeletal Maturity Methods for U.S. Children*
University of Missouri
$46,861

Murray, Carol S.
*Economic Impact Study of the Dayton Dragons Professional Baseball Team Operations*
Palisades Arcadia Baseball LLC
$4,255

Swanson, Drew A.
*University of Dayton Roesch Library Archives Public History Internship*
University of Dayton
$7,680

Rigling, Brian D.
*Collaborative Center for Surveillance Research, Phase II*
Ball Aerospace
$50,000

Jacquemin, Stephen James
*Swimming Performance of Great Lakes Minnows and Darters*
Ohio State University
$9,964

Daniulaityte, Raminta
Carlson, Robert G.
Nahhas, Ramzi
*A Natural History Study of Buprenorphine Diversion, Self-Treatment, and Use of Drug Abuse Treatment Services*
DHHS, National Institute on Drug Abuse
$563,029

Lindheim, Steven R.
*Evaluation of Oral Hormonal Contraception and Vitamin D Supplementation on Sexual Function in Women with Polycystic Ovary Syndrome*
Patty Brisben Foundation for Women’s Sexual Health
$69,100

Hitzler, Pascal
*Ontology Design Patterns for Earth Science Data Access*
Foundation for Earth Science
$7,200

Schultz, Michelle S.
*Practicum Training: ADAMHS Board, FY2017*
Montgomery County ADAMHS Services Board
$62,000

Warfield, Janeece
*PECE-PACT: Parents Early Childhood Education/Positive Action Choices Training*
Montgomery County ADAMHS Services Board
$69,288

Zhang, Junjie
Saunders, Vance M.
Bryant, Adam M.
Emmert, John M.
Xie, Jiafeng
*Center for Continuous Cybersecurity Education and Training (C3ET) in West Ohio*
Ohio Department of Higher Education
$541,294

Cauley, Katherine L.
*Community Health Workers First*
Ohio State University
$364,676

Cauley, Katherine L.
*Community Health Worker Conference*
Ohio State University
$20,000

Lawhorne, Larry Wayne
Weston, Christina G.
Swedlund, Steven K.
*Preparing the Workforce for Ohio's Medicaid Population: Addressing the Needs of the Young and the Old*
Ohio State University
$527,318

Rigling, Brian D.
*Cooperative RF Sensors - Phase II*
Matrix Research & Engineering
$40,000

Rigling, Brian D.
Fogle, Orelle R.
*Contested Environment Radio Frequency Exploitation and Research (CERFER)*
Matrix Research & Engineering
$90,000

Dungan, Kerry E.
Ash, Joshua Noel
*Radar Agnostic SAR ATR*
Systems & Technology Research
$44,999

Hennessy, Michael B.
*Increasing Desirable Behavior in Shelter Dogs: Influences of Human Interaction and Prior Level of Stress*
Waltham Foundation
$18,968

Olson, Dean M.
*Aerospace Medicine Training for the Era of Pioneering a Journey to Expanding Human Space Flights Beyond ISS and LEO*
National Aeronautics and Space Administration
$365,285

Gross, David C.
*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*
DoD, Air Force, Air Force Research Laboratory
$470,000

Barnhart, Amy
*Science, Mathematics, and Research for Transformation (SMART) Defense Scholarship Program 2016/2017*
American Society for Engineering Education
$45,784
Zhuang, Yan  
*Ultra-Wide Band Gap Materials*  
Azimuth Corporation  
$25,000  

Fruth, Jason D.  
*Expanding Prevention in Montgomery County Schools*  
Montgomery County ADAMH Services Board  
$205,975  

Huang, Hong  
*Electron Optics Analyses Towards Fundamental Understanding of Functional Thin Film Materials and Devices*  
Universal Energy Systems, Inc.  
$28,000  

Gockel, Joy E.  
*Empirical Optimization of Physical Properties in SLM Ti-6Al-4V via Layer-Wise, Multi-Modal, In-Process Data Collection*  
Advratech, LLC  
$58,841  

Broderick, Timothy J.  
Kadakia, Madhavi P.  
Raymer, Michael L.  
*Precision High Intensity Training through Epigenetics (PHITE)*  
DoD, Office of Naval Research  
$1,508,485  

Wilson, Josephine F.  
*Sisterline: Substance Abuse Treatment and HIV Prevention for African-American Women at High Risk for HIV/AIDS in Montgomery County, OH*  
DHHS, Substance Abuse and Mental Health Services Administration  
$495,750  

Mian, Ahsan Akm  
*Energy Absorbing Lattice Development*  
G.E. Aviation  
$20,223  

Wanderi, Joy W.  
*Community Partnership Grant FY2016 Global Ties U.S.*  
$5,636  

Bae, Ha-Rok  
Clark, Jr., Daniel L.  
*Stochastic Metamodeling for Design Validation*  
Dayton Area Graduate Studies Institute  
$52,260  

Gallimore, Jennie J.  
*Development and Validation of a Standard Color Palette and Updates to the FAA Color Standard*  
U.S. Department of Transportation, Federal Aviation Administration  
$103,351  

Bryant, Adam R.  
*Training for Resilient Systems Design Tier 1 Performance Solutions*  
$44,999  

Gross, David C.  
*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*  
DoD, Air Force, Air Force Research Laboratory  
$617,000  

Harel, Assaf  
*The Role of Dynamic Representational Networks in Expertise in Visual Scene Recognition*  
DoD, Office of Naval Research  
$94,000  

Banerjee, Tanvi  
*Managing Dementia Through a Multisensory Smart Phone Application to Support Aging in Place*  
DHHS, National Library of Medicine  
$168,375  

Romer, Eric J.  
*Dayton Veterans Affairs Medical Center IPA Agreement*  
Veterans Affairs Medical Center  
$30,033  

Kemp, Michael  
*Veterans Affairs Medical Center IPA Agreement*  
Veterans Affairs Medical Center  
$38,001  

Cates, Elizabeth E.  
*Dayton Veterans Affairs Medical Center IPA Agreement*  
Veterans Affairs Medical Center  
$21,594  

Grandhi, Ramana V.  
Makas, Admir  
*Multidisciplinary Topology Optimization of Hot Structures Subject to Random Engine Acoustic Loading*  
Dayton Area Graduate Studies Institute  
$52,260  

Mejia-LaPerle, Carol  
*Encountering Shakespeare: Conference, Teaching Workshops, and Art Gala*  
Ohio Humanities Council  
$5,000  

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  

Weston, Christina G.  
*Support for Director of Child and Adolescent Psychiatry*  
Ohio Department of Mental Health and Addiction Services  
$35,000  

Dunsieth, Neal W.  
*Adult Professorship of Community Psychiatry: Ohio Department of Mental Health and Addiction Services*  
Ohio Department of Mental Health and Addiction Services  
$15,000
Welton, Randon S.
*Community Psychiatry Training Program*
Ohio Department of Mental Health and Addiction Services
$15,000

Pavel Sizemore, Ioana E.
*Towards Understanding Nanoscale Failure Mechanisms in Multifunctional Composite Materials*
Universal Technology Corporation
$17,217

Medvedev, Ivan
*Terahertz Spectroscopic Chemical Sensor for Analysis of Fatigued Human Breath*
Advratech, LLC
$140,398

Watchorn, Chad L.
*Passport to Future Year Two*
Ohio Department of Education
$84,701

Wolff, J. Mitch
*Ohio Space Grant Consortium Undergraduate Scholarship - 2016-2017*
Ohio Space Grant Consortium
$7,500

Look, David C.
*Electrical and Optical Characterization*
Wyle Laboratories
$288,677

Dockery, Jane L.
*Wittenberg University Strategic Planning: Consultative and Facilitative Support*
Wittenberg University
$8,160

Dockery, Jane L.
*Murray, Carol S.*
*Comprehensive Needs Assessment for Region*
Montgomery County Commissioners
$32,932

Patitu, Carol Logan
*Clark State Community College Internship 2016 - 2017*
Clark State Community College
$19,676

Organisciak, Daniel T.
*Antioxidants and Retinal Gene Expression Profiles*
Ohio Lions Eye Research Foundation
$23,000

Look, David C.
*Deep Level Transient Spectroscopy (DLTS)*
SelectTech Services Corporation
$30,000

Marco, Catherine
*Mozeleski, Eric M.*
*Post, Alina Michelle*
*Downs, Tony A.*
*Bolbrook, Michael B.*
*Anderson, April Tantillo*
*Advance Directives: Application to Clinical Scenarios*
Bioethics Network of Ohio
$500

Gentile, Julie P.
*Ohio’s Coordinating Center of Excellence in Mental Health/Intellectual Disability*
Ohio Department of Mental Health and Addiction Services
$85,500

Subban, Jennifer
*CNI-TOTS 2017*
Montgomery County Family and Children First Council
$16,000

Rapp, Richard C.
*Comparing Interventions for Opioid Dependent Patients Presenting in Medical EDs*
New York University School of Medicine
$48,514

Yang, Zifeng
*Blood Flow Velocimetry Using Digital Subtraction Angiography*
Radiation Monitoring Devices, Inc.
$44,829

Wilson, Josephine F.
*Ford, JoAnn Williams, Julie L.*
*Evaluating the Effectiveness of Online, Portal-Based Vocational Rehabilitation Services*
DHHS, Administration for Community Living
$199,990

Wilson, Josephine F.
*Online VR Assessment and Service Protocol to Enhance Employment of Individuals Who Are Deaf*
DHHS, Administration for Community Living
$489,998

Kinzeler, Nicole
*Peer Movement Project (PMP)*
DHHS, Substance Abuse and Mental Health Services Administration
$208,283

Conway, Katharine M.
*PCMH Curriculum Development*
Ohio Department of Higher Education
$25,000

Agrawal, Abinash
*Aerobic Cometabolic Biodegradation of Dilute Concentrations of Carbamazepine and Diclofenac Using Ammonium-Oxidizing and Methane-Oxidizing Bacteria*
RTI International
$14,800
Bennett, Eric S.  
*Regulated Sialylation Modulates Cardiac Excitability and Conduction*  
National Science Foundation  
$354,569

Huang, George  
*Computation Fluid Dynamics in Industrial Applications*  
Cradle North America Inc.  
$16,783

Kinzeler, Nicole  
*Ohio SBIRT*  
Ohio Department of Mental Health and Addiction Services  
$195,508

Rigling, Brian D.  
*Modeling Cranial Sutures During the First Year of Life*  
Dayton Children’s Hospital (Dayton)  
$34,907

Gallimore, Jennie J.  
*Transitioning ShadowBox to the COP Community*  
Center for Operator Performance  
$70,122

Gockel, Joy E.  
*Low Cycle Fatigue Behavior of Additively Manufactured Iconel 718 Due to Inherent Process Induced Defects*  
Universal Technology Corporation  
$50,778

Garber, Fred D.  
*Environmental Compensation Algorithms for Real-time Air Quality Sensors*  
Henry M. Jackson Foundation  
$175,031

McCarthy, Mark J.  
*Urgent Response to the Current Cyanobacterial Bloom in Lake Okeechobee: Community Ammonium Dynamics*  
University of Florida  
$9,998

Brown, Elliott  
*Contact-Free, Antenna-Free CW THz Optoelectronic Probe*  
University of Notre Dame  
$71,579

Gockel, Joy E.  
*SBIR Phase I Topic 80*  
Advratech, LLC  
$24,971

Sheth, Amit  
*Thirunarayan, Krishnaprasad*  
*Modeling Social Behavior for Healthcare Utilization and Outcomes in Depression*  
Cornell University  
$230,854

Klingbeil, Nathan W.  
*Ohio LSAMP Alliance*  
Ohio State University  
$71,000

Lee, Miryoung  
*Czerwinski, Stefan Aleksander Kadakia, Madhavi P. Towne, Bradford*  
*Telomere Length Dynamics in Relation to Changes in Adiposity and Metabolic Risk*  
DHHS, National Institute of Diabetes and Digestive and Kidney Diseases  
$658,770

Shalin, Valerie L.  
*Support for TAVERN (Task Analysis Visualization Environment Needs Requirements)*  
Charles River Analytics Inc.  
$12,000

Rigling, Brian D.  
*Contested Environment Radio Frequency Exploitation and Research (CERFER)*  
Matrix Research & Engineering  
$95,000

Van Meeveren, Stephanie Jean  
*Dayton Veterans Affairs Medical Center IPA Agreement*  
Veterans Affairs Medical Center  
$34,382

Baker-Nolan, Julie  
*Dayton Veterans Affairs Medical Center IPA Agreement*  
Veterans Affairs Medical Center  
$200,078

Rigling, Brian D.  
*Leveraging Emerging Accelerator Technologies Toward Developing Acoustic Imaging Reconstruction Capabilities for Object Detection and Identification*  
Engility Corporation  
$64,409

Gross, David C.  
*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*  
DoD, Air Force, Air Force Research Laboratory  
$590,000

Rigling, Brian D.  
*Raymer, Michael L. Minnery, Brandon S.*  
*C4ISR: Ohio Federal Research Network, Cycle II: Human-Centered Big Data*  
Wright State Applied Research Corporation  
$600,000

Travers, Jeffrey B.  
*Mice Care Laboratory Animal Resources*  
Veterans Affairs Medical Center  
$24,911

Cauley, Katherine L.  
*Sinclair Community College Matching Funds CY2016*  
Sinclair Community College  
$32,000

Johnson, Angela  
*The Impact of Young Adult Literature on Highly “At-Risk” Teenagers’ Cognitive, Affective, and Aesthetic Responses*  
Assembly on Literature for Adolescents of NCTE (ALAN)  
$1,500
Saeed, Shehzad
*Anti-TNF Monotherapy versus Combination Therapy with Low Dose Methotrexate in Pediatric Crohn’s Disease (COMBINE)*
University of North Carolina at Chapel Hill
$39,080

Roberts, Rory A.
*Design and Fabrication of an External Combustor for a JetCat Turbojet Engine*
Universal Technology Corporation
$14,200

Davis, Stephanie
*FY17 Alternative Teacher Preparation and Retention Grant*
Ohio Department of Education
$25,000

Murray, Carol S.
*Southeast Ohio Diabetes Survey*
Ohio University
$40,571

Biesemeyer, Destinee N.
*Transforming Campus Climate with Bystander Empowerment and Engagement*
Ohio Department of Higher Education
$7,900

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

Sahin, Ayse Arzu
Littrell, Timothy Jason
Kelly, Peggy Ann
Wellinghoff, Lisa Jean
Otto, Ray J.
Farrell, Ann M.
*Wright State University and Sinclair Community College Collaborative Co-Requisite Remediation Design*
Ohio Department of Higher Education
$20,750

Cipollini, Donald F.
*Host vs Alternate Host Tree Oviposition Attractants for Female Emerald Ash Borers*
Pennsylvania State University
$45,000

Lehrer, Douglas S.
*Clozapine for Cannabis Use Disorder in Schizophrenia*
Dartmouth College
$120,884

Conway, Katharine M.
*Refugee Centered Medical Home - PCMH Working Better for Our Newest Neighbors*
Michigan Public Health Institute
$14,999

Slilaty, Daniel C.
*Algorithms on Generalized Networks*
DoD, Defense Advanced Research Projects Agency
$99,620

Schmitz, James L.
*Extended Scene*
Invertix Corporation
$29,925

Yaklic, Jerome Lumetta
*AUGS Quality Improvement and Outcomes Research Network*
American Urogynecologic Society
$4,350

Duby, John C.
*Practice Improvement to Address Adolescent Substance Use (PIAASU)*
American Academy of Pediatrics
$50,000

Rapp, Christine M.
*Dayton Veterans Affairs Medical Center IPA Agreement*
Veterans Affairs Medical Center
$14,838

Zhang, Wenfeng
*Veterans Affairs Medical Center IPA Agreement*
Veterans Affairs Medical Center
$9,297

Hager, Faye
*Dayton Veterans Affairs Medical Center IPA Agreement*
Veterans Affairs Medical Center
$17,220

Cates, Elizabeth E.
*Dayton Veterans Affairs Medical Center IPA Agreement*
Veterans Affairs Medical Center
$10,671

Romer, Eric J.
*Dayton Veterans Affairs Medical Center IPA Agreement*
Veterans Affairs Medical Center
$14,838

Kemp, Michael
*Veterans Affairs Medical Center IPA Agreement*
Veterans Affairs Medical Center
$18,777

Biesemeyer, Destinee N.
Rando, Robert A.
*Initiative to Improve Quality and Access to Information and Services for Sexual Assault Victims*
Ohio Office of the Attorney General
$156,550

Ritzi, Jr., Robert W.
*Continuation of Ground Water Protection and Monitoring for Compliance with Zoning of Southwestern Quarry Operations for Xenia, Beavercreek, and Bath Townships in Greene County, Ohio*
Cemex
$20,000
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<td>Trauma-Informed Prevention in Bradford Schools</td>
<td>Bradford Exempted Village Schools</td>
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<td>Ohio’s Strategic Prevention Framework for Prescription Drugs (SPF Rx) - WSU</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>$317,375</td>
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<td>ID/MI Professorship for FY 2017</td>
<td>Montgomery County ADAMH Services Board</td>
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<td>Weston, Christina G.</td>
<td>Child Psychiatric Placements</td>
<td>Montgomery County ADAMH Services Board</td>
<td>$75,000</td>
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<td>Rooney, Thomas</td>
<td>Genetic Insight of Last Surviving Snow Leopard Population of Pakistan Employing Next Generation Sequencing for Its Improved Conservation and Management</td>
<td>Panthera Corporation</td>
<td>$20,000</td>
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<td>Cho, Kwang-jin</td>
<td>K-Ras Plasma Membrane Interactions: A Tractable Therapeutic Target</td>
<td>DHHS, National Cancer Institute</td>
<td>$249,000</td>
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<td>Gross, David C.</td>
<td>Test and Evaluation of Autonomous Systems (TEAS)</td>
<td>Ohio University</td>
<td>$587,508</td>
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<td>Joo, Kimberly R.</td>
<td>Text Message Follow-Up Reminders in the Pediatric Urgent Care</td>
<td>National Association of Pediatric Nurse Practitioners</td>
<td>$3,500</td>
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<td>Cortes, Tess</td>
<td>General Operating Support: Art Galleries</td>
<td>Ohio Arts Council</td>
<td>$6,677</td>
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<td>Dockery, Jane L.</td>
<td>Community Health Assessment Support to Greene, Miami, and Preble Counties</td>
<td>Greene County Combined Health District</td>
<td>$80,349</td>
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<td>Dockery, Jane L.</td>
<td>Madison County Community Health Improvement Plan</td>
<td>Madison County/London City Health District</td>
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<td>Lorson, Kevin</td>
<td>Health and Opioid Abuse Prevention Education (HOPE) Curriculum</td>
<td>Ohio Department of Higher Education</td>
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<td>Gockel, Joy E.</td>
<td>Low Cost Manufacturing for Limited Production Aircraft Composite Structures</td>
<td>University of Dayton</td>
<td>$50,000</td>
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<td>Wu, Zhiqiang</td>
<td>C2PNT FRN Cycle II: Intelligent Channel Sensing</td>
<td>Ohio University</td>
<td>$292,676</td>
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<td>Black, Donerik G.</td>
<td>Small Business Development Center, FY2017</td>
<td>Ohio Development Services Agency</td>
<td>$221,000</td>
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<td>Kozlowski, Gregory</td>
<td>Development of Robust Compact Sources for Alkali Atom Systems</td>
<td>Universal Energy Systems, Inc.</td>
<td>$35,500</td>
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<td>Gallimore, Jennie J.</td>
<td>Alarm Tones</td>
<td>Center for Operator Performance</td>
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<td>Mental Models</td>
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<td>Swanson, Drew A.</td>
<td>Greene County Records Center and Archives Student Internship</td>
<td>Greene County Records Center and Archives</td>
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<td>Huber, Mary Josephine</td>
<td>The Learning and Working During the Transition to Adulthood Rehabilitation Research and Training Center</td>
<td>University of Massachusetts Medical School</td>
<td>$16,201</td>
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<td>Dockery, Jane L.</td>
<td>Collect, Research and Analyze Economic and Labor Market Data for the Area 7 Local Plan</td>
<td>Clark State Community College</td>
<td>$7,456</td>
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<td>Gentile, Julie P.</td>
<td>Residency Traineeship Program for Psychiatric Residents in Dual Diagnosis - MI/DD</td>
<td>Ohio Department of Developmental Disabilities</td>
<td>$30,000</td>
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<td>Gallimore, Jennie J.</td>
<td>Training Systems</td>
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Paliy, Oleg  
*CRISPR IGS Pilot Project*  
Ginkgo Bioworks  
$32,297

Elbasiouny, Sherif M.  
*Brain-Computer Interfaces for Human-Autonomous Teaming (BCI-HAT)*  
Wright State Applied Research Corporation  
$43,414

Gallimore, Jennie J.  
*ShadowBox Training II*  
Center for Operator Performance  
$26,250

Duby, John C.  
Simmons, Dionne M.  
*Kinship Navigator Consortium FY 2017*  
Montgomery County Department of Job and Family Services  
$128,900

Markey, Michael  
*Validation of Affymetrix Clariom S Arrays for Clinical Diagnostics*  
Ischemia Care, LLC  
$1,414

Dockery, Jane L.  
*Ohio Latino Affairs Commission Board Retreat*  
Ohio Commission on Hispanic/Latino Affairs  
$1,500

Sucosky, Philippe  
*Identification and Assessment of Hemodynamic Predictors of Bicuspid Aortic Valve Aortopathy*  
American Heart Association - Great Rivers Affiliate  
$76,999

Crites, Betsy Jo  
*Celina City Schools’ FIRST LEGO League Jr. Program*  
For Inspiration and Recognition of Science and Technology  
$2,400

Wanderi, Joy W.  
National Meeting 2017  
Global Ties U.S.  
$550

Fruth, Jason D.  
*Reward and Reminder*  
Drug-Free Action Alliance  
$2,500

Paton, Sara J.  
*Epidemiologist and Office of the Health Commissioner Liaison*  
Public Health Dayton and Montgomery County  
$69,689

Ellison, Sylvia A.  
*Epidemiology Services*  
Public Health Dayton and Montgomery County  
$38,096

Ellison, Sylvia A.  
Smith, Linda J  
*Breastfeeding Friendly Environment*  
Public Health Dayton and Montgomery County  
$22,960

Rogers, Nikki L.  
*Preventing Obesity, Diabetes, and Heart Disease and Stroke In Ohio Communities (Contract)*  
Public Health Dayton and Montgomery County  
$88,041

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

Di Fulvio, Mauricio  
*Chloride-Regulated Insulin Secretion*  
American Diabetes Association - National  
$115,000

Bihl, Ji Chen  
Chen, Yanfang  
Jacobs, Bradley S.  
*Therapeutic Role of miR-126 Over-Expressing EPC-MVs for Ischemic Stroke in Diabetes*  
American Diabetes Association - National  
$115,000

Lunsford, Suzanne K.  
Slattery, William  
*Partners In Integrated Earth Systems Science (PIES)*  
Ohio Department of Higher Education  
$78,340

Slattery, William  
Lunsford, Suzanne K.  
*Science Teaching for Ohio’s New Economy (STONE)*  
Ohio Board of Regents  
$62,989

McGowin, Audrey E.  
*Analysis of Anions in Glen Helen*  
Glen Helen  
$460

Kenyon, Lisa Orvik  
Boyd, Brian T.  
Kenyon, Len  
Farrell, Ann M.  
*Authentic In-Class Integration Of Reasoning And Content Support For Teachers*  
Ohio Board of Regents  
$118,079

Wischgoll, Thomas  
*Reactionary Assistance Support: Using Container Technology for Data Analytics on HPC Platforms*  
Engility Corporation  
$74,407

Holdheide, Sandi  
*Ohio Program for Campus Safety and Mental Health Collaborative Program Development Grant*  
Northeast Ohio Medical University  
$4,000
Harel, Assaf  
*The System for Assessing Complex Contextual Attention, and Dynamic Engagement (SACCADE)*  
Lockheed Martin Corporation  
$184,400

Rigling, Brian D.  
Fogle, Orelle R.  
*Infrared Tracking*  
Etegent Technologies, Ltd.  
$69,998

Gockel, Joy E.  
*A Biologically-Inspired Topological Design Tool for Additive Manufacturing of Air Platform Structures*  
Adjoint Technologies  
$12,500

Ganapathy, Subhashini  
*Mission-Directed Learning Environment*  
Wright State Applied Research Corporation  
$250,000

Rigling, Brian D.  
*Distributed Passive Radar Networks for Target Detection in Non-Homogeneous Environments*  
Defense Engineering Corporation  
$50,000

Cigrang, Jeffrey A.  
*“Up-Armoring” At-Risk Military Couples: A Prospective Study of Committed Romantic Relationships in Transition to Their First Permanent Duty Station*  
DoD, Air Force, Air Force Research Laboratory  
$342,000

Dustin, Jack L.  
*A Public Voice (APV 2017)*  
C.F. Kettering Foundation  
$1,750

Emmert, John M.  
*Initial Interface for Synthetic Test Generation Tool*  
EDAptive Computing, Inc.  
$40,000

Klingbeil, Nathan W.  
*Ohio LSAMP Alliance*  
Ohio State University  
$1,000

Zhang, Xiaodong  
*REU Site: Undergraduate Research in Intelligent Autonomous Vehicles*  
National Science Foundation  
$380,574

Rooney, Thomas  
*Baseline Inventory of Frogs and Frog Pathogens at Dairymen’s*  
Dairymen’s, Inc.  
$5,940

Wilson, Josephine F.  
*Stacked Decks versus Risky Business for a Universal Population of High School Youth*  
Dayton Urban Minority Alcoholism and Drug Abuse Outreach Program  
$21,200

Travers, Jeffrey B.  
*Mice Care Laboratory Animal Resources*  
Veterans Affairs Medical Center  
$5,142

Mosier, Joylynn M.  
Hill, Sara Jane  
*Student Athlete Opportunity Funds 2015-2016*  
Horizon League  
$182,177