Despite Overall Drop in Total Funding, Wright State Researchers Maintain Support for Basic Research

During the previous fiscal year (FY2018) Wright State University recorded 402 awards for total funding of $93,778,464, a drop of 6.5% over FY2017 in which the university recorded $99,877,823 for 478 awards. Despite the decrease in totals, funding levels for basic research remained over $29 million for the last two operating years.

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 offices located on the third floor of 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-sponsored-programs) for information about the services we offer.

A Long-Time Research and Sponsored Programs Employee Set to “Retire,” Journey to Kentucky

It is the end of an era here in Research and Sponsored Programs! After more than 28 years at Wright State University, Glen Jones, Director of Post-Award, is retiring . . . in a sense. Some retirees head south for warmer weather and a beach house. Glen is heading south, not for R&R, but to begin a new position as Director, Sponsored Programs Financial Management, at the University of Louisville, starting on January 7, 2019.

As many of you are aware, Glen has been our “go to” person for all things related to the post-award administration of the University’s grants and contracts. During his tenure at the University, Glen has been extremely diligent in his duties, with financial oversight of external funding at the top of his list. Some may say that “diligent” is an understatement, as Glen’s long workdays are legendary. Glen worked in the Controller’s Office before he made the move to Research and Sponsored Programs. Needless to say, he has had a unique blend of experiences at Wright State, which was surely a draw for the University of Louisville.

We hope that Glen will stay in touch over the coming months and years. As soon as we hear him say “y’all,” we will know that the transition is complete. Good luck, Glen!

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TECHNOLOGY TRANSFER IS ALIVE AND WELL!

Wright State’s Office of Technology Transfer is alive and well! With the departure of the Director of Technology Transfer in August 2017, the Office of the Vice President for Research contracted for the “Small Office Services” program provided by TreMonti Consulting, LLC. The Office had previously used TreMonti for market assessments of disclosed inventions, so the relationship had already been successfully established.

As part of the TreMonti “Small Office Services” contract, we have retained the on-site services of a technology transfer consultant. Many of our University inventors, or prospective inventors, have already met Dr. Whitney Hough, who serves in this role. Whitney holds a Ph.D. in Chemistry and an MBA from the University of Alabama, and spent several years in the Office for Technology Transfer at the University of Alabama. Whitney is on campus every Wednesday and is otherwise available by telephone or e-mail on other business days.

Thanks to the efforts of our investigators and Whitney, Wright State invention disclosures for the first quarter of FY2019 are on the rise. A total of nine disclosures were recorded for FY2018 and ten disclosures have been submitted for the first half of FY2019.

What can you, as an inventor, expect after submitting an invention disclosure form to the Office of Technology Transfer? Here are the general guidelines:

Acknowledgment
Within three business days of submission of the Invention Disclosure Form, the inventor will receive an acknowledgment and the invention’s unique ID no.

Initial Review
This step is performed by the Office of Technology Transfer.

Inventor Interview
The Office of Technology Transfer staff will request a meeting to discuss the invention and potential commercialization opportunities and strategies.

Third Party Assessment
A third party will provide a commercial assessment of the technology, to be shared with the inventor upon completion (this step typically takes six weeks but accommodations can be made if an expedited review is needed due to a pending publication or conference presentation).

Decision
Members of the University general counsel, research and technology transfer offices will meet to discuss the technology and assessment. The decision on how to proceed with the technology will be communicated to the inventor after the meeting.

Inventors are encouraged to work with the Office directly since any “public disclosures” may impact the University’s ability to obtain broad intellectual property protection.

Feel free to contact the Office of Technology Transfer by email at: techtransfer@wright.edu with any questions regarding the University’s process for receipt and evaluation of intellectual property or to receive a copy of the Invention Disclosure Form.

Ellen
The NIH website is a great resource and can provide guidance when writing a research grant application. Each of the sections detailed below can be accessed at the following link: https://grants.nih.gov/grants/how-to-apply-application-guide.html (unless another link is provided within the section).

How to Apply – Application Guide
You will use the application instructions (link above) 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 link previously provided 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.

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.

Page Limits
Follow the attachment page limits specified in the link provided for your research application, unless otherwise specified in the FOA. The page limits for most forms sections are listed and are organized by activity code. Please note: the funding opportunity announcement (FOA) instructions AL-

WAYS supersedes these page limits, so be sure to check the FOA for any exceptions.

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.

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 SciENcv, 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.
As is customary for the National Science Foundation (NSF), the federal sponsor has issued a new Proposal and Award Policies Guide (PAPPG) for the start of the new year. Proposals submitted on or after January 28, 2019 are subject to the revised PAPPG which can be found at [https://www.nsf.gov/pubs/policydocs/pappg19_1/nsf19_1.pdf](https://www.nsf.gov/pubs/policydocs/pappg19_1/nsf19_1.pdf). Wright State researchers submitting proposals to NSF should refer to this guide for complete submission instructions.

The following is a list of some of the significant changes closely related to proposal submission. Please refer to the above-referenced guide for all instructions and changes. A more expansive list of significant changes that also includes other clarifications and administrative changes can be found at the beginning of the PAPPG noted above.

Subawards, has been updated to clarify that the description of the work to be performed by the subaward must be included in the project description.

Proposal Font, Spacing and Margin Requirements, has been updated to specify that fonts not currently listed in the PAPPG may be used for mathematical formulas, equations, or when inserting Greek letters or special characters.

Collaborators & Other Affiliations Information, has been updated to reflect changes made to the template required for all proposals since the template was originally released for use in 2017. (It is important to use the new form rather than just updating previous version.)

Biographical Sketch(es), has been updated to specify that the biographical sketch must be uploaded in FastLane as a single PDF file, or other NSF-approved template.

Synergistic Activities, has been revised to specify that a list should include up to five distinct examples that demonstrate the broader impact of the individual’s professional and scholarly activities that focuses on the integration and transfer of knowledge as well as its creation. Examples with multiple components are not permitted.

Current and Pending Support, has been updated to specify that Current and Pending Support must be uploaded in FastLane as a single PDF file, or other NSF-approved template.

### An Evolutionary, Fond Farewell to Fastlane!

Research.gov will become the replacement for FastLane, providing quick access to research information and grants management services, all in one location. As of Spring 2018, applicants have had the ability to submit non-collaborative, non-subaward inclusive proposals through Research.gov. Fastlane has been a great tool for submitting proposals to the National Science Foundation, but it will eventually be retired. Don’t wait until the last minute to become familiar with Research.gov. If you feel your proposal is currently structured to be submitted through Research.gov, let your Pre Award Administrator know!

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The Great Debate: Submitting Proposals Early vs. Submitting on the Deadline Day

There has been much discussion on whether there is an advantage to working up to the last minute and submitting your grant application on the deadline day versus submitting early. According to an article from the NIH in June of 2016, there was no advantage to last minute submissions. In fact, applications submitted at the last minute seemed somewhat less likely to be discussed.

Need another reason to apply early? NIH still sees more applications that fail to be completed in time for the due date, and as a result have to wait another round, months later to be considered for funding. For example, submitting at 4:45p.m. on a 5:00 p.m. deadline day, and an error occurs that needs fixed. If the proposal changes don’t make it into eRA Commons before 5:00 p.m. your submission is considered late and you will need to try again next funding cycle.

When we look more closely at recent deadlines (2016 data), NIH states that for both R01 and small business deadlines, applications submitted for the first time on the due date are two to four times more likely to miss the submission deadline than those submitted a week or days in advance. Given the time and energy an investigator has put into a proposal, we feel that even one application missing a deadline is one too many, and yet we see the majority of applications being submitted to many sponsors from RSP on the deadline date, and more than we would like to admit within hours of the 5:00 p.m. deadline. What can you do differently?

Follow the RSP policy which indicates that the applicant send RSP the complete proposal 2 business days prior to the submission deadline. While most errors can be addressed with a simple change, the cause of many errors may take time to investigate to determine the issue. The fix may need to involve contacting InfoEd for changes, system issues at grants.gov/eRA Commons that cannot be fixed on our end, or fixing an eRA Commons profile.

Read and follow ALL sponsor instruction guides. It is critical to read the Program Announcement/Funding Opportunity Announcement instructions in detail. These instructions will also refer you to the main sponsor’s application guide, which provides even further detail and clarification on what should be included in each attachment. Everything you need to know should be in these documents!

Track your application after submission. If possible, check sponsor web portals (such as eRA Commons) to make sure all errors are corrected and verify that your application has transmitted properly, specifically checking your charts and graphics.

Contact Us! Let your Pre-Award Administrator know if you have any questions in the application process. We are here to help simplify the submission process.

DON'T MISS THE DEADLINE!
Budget Development: Updated FY2019 Fringe Benefits Rates, Reminder of Facilities and Administrative Costs (F&A)

New Fringe Benefits Rates for FY2019
As you develop a proposal budget, keep in mind that salary and fringe benefits rates will likely change over time, perhaps even annually. Such is the case with the University’s fringe benefits for FY2019. The following annual rates became effective on July 1, 2018: full-time faculty (51% FTE or more), 33.3%; faculty – part-time, overload, summer, retirees, 16.5%; full-time unclassified (including hourly), 41.1%; part-time un/classified staff, 15.0%; full-time classified staff, 70.8%; and OPERS-covered students, 22%. 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.

Facilities and Administrative Costs
As a reminder, the University’s federally approved rates apply to a proposed 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.

Spin Funding Opportunity Database

Gaining Access in a Few Easy Steps...
SPIN, the world’s largest funding database, can assist you in the funding opportunity search process. Explore how you can use this tool for your project needs. For assistance navigating SPIN, contact your SPIN administrator, Dr. Deborah Lundin, at deborah.lundin@wright.edu or call ext. 2423.

Gaining Access
2. Enter your Wright State University W ID and password at the WSU Central Authentication Service page
3. Click on “$ Find Funding” at the top of the resulting page

Basic Search
A modern full-text search of entire records allows you to search for any component of an opportunity. For example:
- Opportunity title
- Sponsor name
- Field/Subject matter
Results can be further sorted, grouped, or filtered by the results grid column headers.
**Research Compliance News**

**HUMAN SUBJECT RESEARCH: CHANGES TO THE COMMON RULE**

The Common Rule is a federal policy regarding Human Subjects Protection that applies to 17 Federal agencies and offices. The main elements of the Common Rule include:

- Requirements for assuring compliance by research institutions
- Requirements for researchers’ obtaining and documenting informed consent
- Requirements for Institutional Review Board (IRB) membership, function, operations, review of research, and record keeping.

The Common Rule was substantially revised in 2017, and has been amended twice to delay the date that regulated entities must comply with the revised version of the rule. This version is known as the “revised Common Rule.”

The revised Common Rule is effective July 19, 2018; note that from July 19, 2018 through January 21, 2019 institutions are not permitted to implement the entirely of the revised Common Rule. This is explained in the transition provision (45 CRF 46.101(I), as amended June 19, 2018).

The final rule establishes new requirements regarding the information that must be given to prospective research subjects as part of the informed consent process.

1. Removes the requirement to conduct continuing review of ongoing research for studies that undergo expedited review and for studies that have completed study interventions and are merely analyzing study.
2. Allows the use of broad consent (i.e., seeking prospective consent to unspecified future research) from a subject for storage, maintenance, and secondary research use of identifiable private information and identifiable bio specimens.
3. Establishes new exempt categories of research based on their risk profile.
4. Creates a requirement for U.S. based institutions engaged in cooperative research to use a single IRB for that portion of the research that takes place within the United States, with certain exceptions.


The WSU IRB members are continuing to follow current regulations while meeting regularly to discuss the future implementation of the changes necessary for a smooth transition.

<table>
<thead>
<tr>
<th>WRIGHT STATE UNIVERSITY INSTITUTIONAL REVIEW BOARD MEETING SCHEDULE SPRING 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Meeting Date</strong></td>
</tr>
<tr>
<td>January 28</td>
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<tr>
<td>February 25</td>
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<tr>
<td>March 18</td>
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<tr>
<td>April 15</td>
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<tr>
<td>May 20</td>
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</tbody>
</table>
“Export Controls” are a collection of federal regulations governing information and technology deemed sensitive for national security (economic and military) reasons. These regulations cover everything from weapons systems to dual-use technologies (both military and commercial purposes). An “export” can occur when a foreign national merely observes the sensitive information. Further, there are foreign policy restrictions that impact where Americans can travel and the activities they can undertake while in foreign countries.

A natural tension exists between export controls restrictions and the mission of higher education. Universities are known for the public dissemination of research results and novel discoveries. To reflect this, the largest exception to export controls is the performance of “fundamental research,” defined as:

Basic and applied research in science and engineering, the results of which ordinarily are published and shared broadly within the scientific community, as distinguished from proprietary research and from industrial development, design, production, and product utilization, the results of which ordinarily are restricted for proprietary or national security reasons.


Where an institution accepts grants or contracts for sponsored research and those agreements come with export controls restrictions, pre-publication review, and/or foreign national hiring limitations those contractual terms are binding. Institutions may be able to negotiate the specific terms and the breadth of those terms prior to accepting the funding. A principal investigator is encouraged to carefully consider the impact of such restrictions on his/her research before agreeing to perform the work. Violations of export control regulations can result in loss of funding, monetary fines, and incarceration.

Wright State’s offices of Pre Award Services and Research Compliance work with investigators to negotiate overly restrictive contract clauses, explain the impact of any restrictions, and implement procedures to protect export-controlled information. Please contact us with any questions or concerns at exportcompliance@wright.edu.

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Alexis Sexton, Undergraduate Assistant
FY2018 AWARDS

The grants and contracts on these pages were awarded from July 2017 through June 2018. Award amounts may reflect one or more years/increments.

**Boonshoft School of Medicine**

Argumedo, Yira Milena  
Sulentic, Courtney E.W.  
*ISDP Travel Award*  
International Society for Developmental Psychobiology  
$300

Baker-Nolan, Julie  
*Dayton Veterans Affairs Medical Center IPA Agreement*  
Veterans Affairs Medical Center  
$83,424

Bihl, Ji Chen  
Chen, Yanfang  
Travers, Jeffrey B.  
*Microvesicles as a Novel Transmitter for UVB-Induced Bioactive Products*  
DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases  
$195,360

Bihl, Ji Chen  
Chen, Yanfang  
*Exosomes from miR-primed endothelial progenitor cells for treating ischemic stroke*  
DHHS, National Institute of Neurological Disorders and Stroke  
$328,125

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

Bihl, Ji Chen  
*Bilateral Role of ACE2 Overexpressing Endothelial Progenitor Cells in Cerebral Hemorrhage*  
American Heart Association - National  
$77,000

Binder, Stephen Bruce  
Carlson, Robert G.  
Richmond, Misty  
Bowman, Marjorie A.  
Reynolds, Peter L.  
Colon, Roberto J.  
*Accelerating Primary Care Transformation Wright (APCT-Wright)*  
DHHS, Health Resources and Services Administration  
$579,095

Binder, Stephen Bruce  
Bowman, Marjorie A.  
*Accelerating Primary Care Transformation Wright (APCT-Wright)*  
DHHS, Health Resources and Services Administration  
$499,373

Boivin, Gregory  
*Biopsy Study*  
Devicor Medical Products, Inc.  
$8,684

Broderick, Timothy J.  
Kadakia, Madhavi P.  
Raymer, Michael L.  
*Precision High Intensity Training through Epigenetics (PHITE)*  
DoD, Office of Naval Research  
$1,492,059

Boin, Elizabeth E.  
*Dayton Veterans Affairs Medical Center IPA Agreement*  
Veterans Affairs Medical Center  
$38,761

Cho, Kwang-jin  
*K-Ras Plasma Membrane Interactions: A Tractable Therapeutic Target*  
DHHS, National Cancer Institute  
$249,000

Colon, Roberto J.  
Solomon, Glen D.  
*MEDTAPP Ohio Cardiovascular Disease Value Collaboration*  
Case Western Reserve University  
$92,643

Conway, Katharine M.  
*Refugee Centered Medical Home - PCMH - Working Better for Our Newest Neighbors (Tier II)*  
Trailhead Institute  
$25,000

Corbett, Adrian M.  
*Treatment of Neuropathic Pain with a Non-Addictive Drug Combination*  
Soin Neuroscience Inc.  
$7,500

Crawford, Timothy  
*2/2 Alcohol Associated Comorbidities and Microbiome Evaluation in HIV (ACME HIV)*  
University of Louisville  
$16,894

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.
D’Amato, Josette  
CTRA - POET  
Bayer HealthCare Pharmaceuticals Inc.  
$257,199

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  
$581,500

Daniulaityte, Raminta  
Sheth, Amit  
Nahhas, Ramzi  
Carlson, Robert G.  
eDarkTrends: monitoring cryptomarkets to identify emerging trends of illicit synthetic opioids use  
DHHS, National Institute on Drug Abuse  
$184,658

Di Fulvio, Mauricio  
Role of Slc12a5 in insulin secretion and glucose homeostasis  
DHHS, National Institute of Diabetes and Digestive and Kidney Diseases  
$131,250

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

Duby, John C.  
Kinship Navigator Consortium FY 2018  
Montgomery County Department of Job and Family Services  
$111,392

Dudley, Emily S.  
Biopsy Study  
Devisor Medical Products, Inc.  
$19,074

Dudley, Emily S.  
Sinclair Training  
Sinclair Community College  
$2,670

Dunn, Margaret M.  
Ohio Innovation Partnership Choose Ohio First Scholarship Program  
Ohio Department of Higher Education  
$1,080,000

Elased, Khalid M.  
Molecular Imaging of RAS for the Discovery of Novel Biomarkers in Chronic Kidney Disease  
Henry M. Jackson Foundation  
$40,000

Elbasiouny, Sherif M.  
Identification of Electrophysiological Markers for Early Diagnosis of Amyotrophic Lateral Sclerosis  
National Academy of Sciences  
$37,204

Elbasiouny, Sherif M.  
Integrated Sense, Assess and Augment (ISAA)  
Wright State Applied Research Corporation  
$149,922

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

Ellison, Sylvia A.  
Smith, Linda J  
Breastfeeding Institute at Wright State University (BIWSU)  
Public Health Dayton and Montgomery County  
$22,824

Ford, JoAnn  
Wilson, Josephine F.  
Integrated Continuum-of-Care Services (ICS) Project  
DHHS, Substance Abuse and Mental Health Services Administration  
$340,678

Galloway, Michael  
CTRA-LIBERTY1  
Myovant Sciences Inc.  
$123,220

Galloway, Michael  
CTRA - SPIRIT 2  
Myovant Sciences Inc.  
$100,623

Gentile, Julie P.  
Mental Illness - Intellectual Disability Residency Placements  
Montgomery County ADAMH Services Board  
$30,000

Gentile, Julie P.  
Residency Traineeship Program for Psychiatric Residents in Dual Diagnosis - MI/DD  
Ohio Department of Developmental Disabilities  
$80,000

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.
Cowan, Allison
Harper, Bethany L.
Mast, Ryan C.
Merrill, Brian M.
Gainer, Danielle M
Ohio's Telepsychiatry Project
Ohio Department of Developmental Disabilities
$225,000

Hershberger, Paul J.
Bricker, Dean
Allen, Jeffery B.
Smith, Sherrill Jeanne
Huber, Mary Josephine
Wilson, Josephine F.
Integrated SBIRT Training for Medical, Nursing, Counseling, and Clinical Psychology Students and Residents
DHHS, Substance Abuse and Mental Health Services Administration
$207,057

Jarnot, Thomas F.
Aerospace Medicine Training for the Era of Pioneering a Journey to Expanding Human Space Flights Beyond ISS and LEO
National Aeronautics and Space Administration
$340,514

Kemp, Michael
Veterans Affairs Medical Center IPA Agreement - Kemp
Veterans Affairs Medical Center
$55,998

Kemp, Michael
Veterans Affairs Medical Center IPA Agreement - Kemp
Veterans Affairs Medical Center
$55,596

Kinzeler, Nicole
Peer Movement Project (PMP)
DHHS, Substance Abuse and Mental Health Services Administration
$234,598

Kinzeler, Nicole
Ohio SBIRT
Ohio Department of Mental Health and Addiction Services
$163,190

Kinzeler, Nicole
Justice and Mental Health Collaboration Project
City of Sharonville, Ohio
$19,950

Knisely, Christina B
Veterans Affairs Medical Center IPA Agreement - Knisely
Veterans Affairs Medical Center
$32,133

Kozak, Julisz ashot
TRPM7 and Cellular pH
DHHS, National Institute of Allergy and Infectious Diseases
$370,000

Krishnamani, Rajan
CTRA - CONNECT-HF
Duke University
$13,226

Lefflak, I. Michael
Mechanisms of Microsatellite Instability in Human Disease
DHHS, National Institute of General Medical Sciences
$300,000

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

Mast, Ryan C.
Child Psychiatric Placements
Montgomery County ADAMH Services Board
$75,000

Mast, Ryan C.
Support for Director of Child and Adolescent Psychiatry
Ohio Department of Mental Health and Addiction Services
$35,000

McCarthy, Mary C.
CTRA - OCTAPLEX
inVentiv Health Clinical
$92,825

Merrill, Brian M.
Adult Professorship of Community Psychiatry: Ohio Department of Mental Health and Addiction Services
Ohio Department of Mental Health and Addiction Services
$15,000

Nahhas, Ramzi
Ohio Opioid Analytics Project, RW Nahhas
Ohio State University
$5,521

Nevels, Dieter
NCI Award Under DCOP Fiscal Agency Agreement
Dayton Clinical Oncology Program
$936,120

Nevels, Dieter
Primary Care Residencies
Ohio Department of Higher Education
$256,420

Nevels, Dieter
Family Practice Program
Ohio Department of Higher Education
$365,964

Nevels, Dieter
Clinical Teaching Subsidy
Ohio Department of Higher Education
$2,860,830
Nevels, Dieter
Geriatric Medicine Program
Ohio Department of Higher Education
$70,863

Nevels, Dieter
Miscellaneous Awards Under DCOP
Fiscal Agency Agreement
Dayton Clinical Oncology Program
$46,420

Paliy, Oleg
Understanding and Enhancing Rhizobium-Cereal Interactions
University of Wisconsin
$30,000

Paliy, Oleg
Intestinal Epithelial Cell Regulation of Allergic Inflammation at Distant Sites
Ohio State University
$10,000

Paliy, Oleg
CRISPR IGS Pilot Project
Ginkgo Bioworks
$29,689

Pascoe, John M.
Health Professions Affinity Community (HPAC): WSU
Ohio Department of Education
$99,443

Pascoe, John M.
Southwest Ohio HPAC Scholars' Day
HealthPath Foundation of Ohio
$1,000

Paton, Sara J.
Consulting Epidemiologist
Public Health Dayton and Montgomery County
$69,689

Polenakovik, Hari M.
CTRA - STOP2
Seattle Children’s Hospital
$56,057

Rapp, Christine M.
Dayton Veterans Affairs Medical Center IPA Agreement
Veterans Affairs Medical Center
$45,117

Rapp, Richard C.
Comparing Interventions for Opioid Dependent Patients Presenting in Medical EDs
New York University School of Medicine
$50,064

Rich, Mark M.
Ladle, David R.
Synaptic Function: Effects of the Nerve Injury, and Altered Activity
Georgia Tech Research Corporation
$37,450

Rich, Mark M.
Developing Therapy for Myotonia Congenita
Muscular Dystrophy Association
$85,120

Rich, Mark M.
Reduced Motoneuron Excitability in Sepsis
DHHS, National Institute of Neurological Disorders and Stroke
$651,455

Roman, Brenda
Wright Rural Health Initiative Implementation Proposal
HealthPath Foundation of Ohio
$100,000

Roman, Brenda
AHEC Support
Ohio Department of Higher Education
$244,004

Romer, Eric J.
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$31,711

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
$31,655

Sahu, Ravi P.
Impact of platelet-activating factor in targeted therapy responses in melanoma
Elsa U. Pardee Foundation
$149,111

Simmons, Gordon R
Dayton Veterans Affairs Medical Center IPA Agreement
Veterans Affairs Medical Center
$13,840

Simmons, Gordon R
Dayton Veterans Affairs Medical Center IPA Agreement
Veterans Affairs Medical Center
$8,967

Talbot, Ted
CTRA - EQUINOX
AbbVie Inc.
$216,212

Talbot, Ted
CTRA-M12-815 Fibroids
AbbVie Inc.
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Talbot, Ted
CTRA - M12-816
AbbVie Inc.
$15,000

Thackeray, Jonathan D
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Ohio State University
$16,500
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<td>Genetic Epidemiology of Ocular Health and Disease</td>
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<td>Kadakia, Madhavi P.</td>
<td>Telomere Length Dynamics in Relation to Changes in Adiposity and Metabolic Risk</td>
<td>University of Texas Health Science Center at Houston</td>
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<td>The Health and Opioid Prevention Education with Supports (HOPES) in Schools</td>
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Bae, Harok  
*Probabilistic Design Criteria for Decision Making with Uncertainty*  
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Bae, Harok  
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*Managing Dementia through a Multisensory Smart Phone Application to Support Aging in Place*  
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*2018 SAE Mini Baja - Raider Racing*  
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Bourbakis, Nikolaos G.  
*A Holistic Automatic Deep Understanding and Protection of Technical Documents*  
DoD, Office of Naval Research  
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Bryant, Adam R.  
*Collaborative Research: Engaged Student Learning: Re-conceptualizing and Evaluating a Core Computer Science Course for Active Learning and STEM Student Success*  
National Science Foundation  
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Bryant, Adam R.  
*Evaluating Trusted Systems Implementation*  
Transportation Research Center Inc.  
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Cao, Caroline  
*Development and Validation of a Virtual Airway Skill Trainer (VAST)*  
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Cao, Caroline  
Goswami, Tushar  
*Advanced Biomaterials Characterization Techniques at the Interface of Structural Biology and Materials*  
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Cheatham, Michelle Andreen  
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*KAST – Knowledge Analytics using Semantic Technologies*  
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Chen, Chien-In Henry  
Thompson, Joshua W.  
*Advanced Integrated Smart Cell Onboard Printed Electronics Development*  
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$52,260

Chen, Keke  
*An Open Cloud-based Platform for Extensible and Scalable Immune Repertoire Analysis in Immunization and Infection*  
ImmuDX LLC  
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Chung, Soon M.  
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*Detection and Segmentation of Dynamic Human Signatures from Clustered LIDAR Streams*  
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*Clustering and Visualization of Geotagged Text Data for Crisis Management*  
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Ciarallo, Frank W.  
*Quality Modeling and Process Improvements in Injection Molding*  
Caterpillar Trimble Control Technologies LLC  
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Doom, Travis E.  
*Updating Skeletal Maturity Methods for U.S. Children*  
University of Missouri  
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Emmert, John M.  
*Design Framework and CAD Tools for Hardware Security and Trust*  
EDaptive Computing, Inc.  
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Emmert, John M.  
*Planning IUCRC Wright State University: Center for Hardware and Embedded System Security and Trust (CHEST)*  
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Emmert, John M.  
*Secure Engineering of Trusted Systems: Medical Android Tactical Assault Kit Sensor Integration (TO3)*  
EDaptive Computing, Inc.  
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Secure Engineering of Trusted Systems: Risk Awareness Framework for Infectious Disease (TO4)
EDAptive Computing, Inc.
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Farajian, Amir
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First Principles Calculations of Solution Hardening Kinetics
Dayton Area Graduate Studies Institute
$52,260

Fendley, Mary E.
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In-Process Monitoring of Additive Manufacturing
Universal Technology Corporation
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Fendley, Mary E.
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Improving Analyst Performance through HITL Autonomy Training
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Gallimore, Jennie J.
Ganapathy, Subhashini
Mission-Directed Learning Environment
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Gockel, Joy E.
Additive Manufacturing R&D Involving Turbine Engine Low Cycle Fatigue Behavior for AFRL/RQTI Phase I/II/III
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Goswami, Tarun
Brooks, Zachary E
Micro-Structured Devices for Nanoparticle Toxicity Screening
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Grandhi, Ramana V.
High-Fidelity Multi-Physics for Aerospace Vehicle Design Optimization
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Hangartner, Thomas N.
Renal Osteodystrophy: A Fresh Approach
University of Kentucky
$5,512

Hitzler, Pascal
Ontology Modeling for the Historic Slave Trade
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$46,473

Huang, George
A Thermo-fluids Analysis of Aircraft Thermal Energy Management and Precision Airdrop
Dayton Area Graduate Studies Institute
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Huang, Hong
Two-dimensional Transition Metal Dichalcogenide Ceramics Synthesis
Azimuth Corporation
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Improving Electrical and Mechanical Performances of Electrolyte Membranes for Flexible Solid-State Li-Ion Batteries
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Kashou, Nasser H.
Investigating the Neural Basis for Proximal Vergence of Eye Movements
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Klingbeil, Nathan W.  
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Li, Sheng  
Refinement of OSU's Scuffing Models for Lubricated Rough Surface Contacts of Rollers and Gears  
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Mukhopadhyay, Sharmila M.  
EAGER: Novel Bio-inspired 3D Hybrid Materials for Surface-Active Devices  
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Parikh, Pratik  
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Refining the Definitions of Under and Over-Triage Rates  
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Parikh, Pratik  
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Collaborative Research: Optimizing Trauma Care Network Design  
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Raymer, Michael L.  
Research and Development Analytics and Landscape Mapping to Improve and Accelerate Technology Transfer (WSARC_17_0053)  
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Ren, Saiyu  
Advanced Analog to Digital Converter (ADC) for GPS Receivers  
RBS Technologies, LLC  
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Rigling, Brian D.  
Performance Understanding for Layered Sensing Exploitation: Valuable Insights Through Analysis of Layered Sensing  
InfoSciTex  
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Rigling, Brian D.  
Collaborative Research: I/UCRC Center for Surveillance Research, Phase II  
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Rigling, Brian D.  
Distributed Passive Radar Networks for Target Detection in Non-Homogeneous Environments  
Defense Engineering Corporation  
$74,000

Rigling, Brian D.  
Novel Signal Processing for Airborne Passive Synthetic Aperture Radar - Phase II SBIR  
Systems & Technology Research  
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Rigling, Brian D.  
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$175,000

Rigling, Brian D.  
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C4ISR: Ohio Federal Research Network, Cycle II: Forward and Reverse Engineering Tool and Workforce Development, Human-Centered Big Data, and Persistent Location with Spectrum Sensing  
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Roberts, Rory A.  
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Garber, Fred D.  
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Wischgoll, Thomas  
Rizki, Mateen M.  
SIRCUS TO2: Comprehensive Learning Objectives for Warfighter Needs (CLOWN)  
DoD, Air Force, Air Force Research Laboratory  
$1,426,191

Garber, Fred D.  
Science, Technology and Research for Exploiting Sensor Systems (STRESS)  
DoD, Air Force, Air Force Research Laboratory  
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Garber, Fred D.  
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Sensor and Information Research Center for Understanding Systems (SIRCUS)  
DoD, Air Force, Air Force Research Laboratory  
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Roberts, Rory A.  
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Advanced Analog to Digital Converter (ADC) for GPS Receivers  
RBS Technologies, LLC  
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Dayton Area Graduate Studies Institute  
$52,260
Roberts, Rory A.  
*Design and Fabrication of an External Combustor for a JetCat Turbojet Engine*  
Universal Technology Corporation  
$12,500

Roberts, Rory A.  
*Power and Thermal Management System for Hypersonic Vehicles*  
Acumentrics SOFC Corp.  
$156,914

Rosencrantz, Stephen D  
*Rapid Assessment of Structural Vulnerability SBIR AF161-031*  
Skyward, Ltd.  
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Sherwood, Matthew Scott  
*Alternate Tinnitus Management Techniques Developed Using Blood-Oxygen-Level-Dependent MRI with Neurofeedback*  
DoD, Air Force, Air Force Research Laboratory  
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Sheth, Amit  
Thirunarayan, Krishnaprasad  
*SCH: INT: kHealth: A Semantic Approach to Proactive, Personalized Asthma Management Using Multimodal Sensing*  
DHHS, National Institute of Child Health and Human Development  
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*Modeling Social Behavior for Healthcare Utilization and Outcomes in Depression*  
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Slater, Joseph C.  
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*Development of a Morphing Wing Control System using CFD Simulation and Machine Learning*  
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Srinivasan, Raghavan  
*Microstructure Development During Rapid Solidification: A Materials Genome Project*  
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Thomas, Scott Keith  
Lemmon, Samuel  
*SAE Aero Design*  
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*Aeromechanical Investigation of Turbine Engine High Speed Compressors-Phase I/Phase II*  
Universal Technology Corporation  
$13,230

Wolff, J. Mitch  
*Fan & Compressor 3-D Aerodynamics*  
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*G-Load Test for Heat Pipes at AFRL for Raytheon*  
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Wischgoll, Thomas  
*Reactionary Assistance Support for Container Technology*  
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Young, Henry Daniel  
*Optimization of an Overmolded Electronics Package Assembly*  
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Wu, Zhiqiang  
*EAGER: Bio-Inspired Low Probability of Detection Secure RF Waveform Design*  
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$125,000

Wu, Zhiqiang  
*C2PNT FRN Cycle II: Intelligent Channel Sensing*  
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Wu, Zhiqiang  
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Training for Resilient Cyber Physical Systems Design, Development, and Testing  
Knowledge Based Systems, Inc.  
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Center for Continuous Cybersecurity Education & Training (C3ET)  
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Zhang, Junjie  
Intelligent Modeling of Vehicle Firmware  
Transportation Research Center Inc.  
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Zhuang, Yan  
Growth and Characterization of Multiferroic Materials  
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College of Liberal Arts

Cebulash, Glen  
General Operating Support: Art Galleries  
Ohio Arts Council  
$6,906

Dockery, Jane L.  
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Dockery, Jane L.  
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Supporting Accreditation of Ohio’s Local Health Departments  
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Dockery, Jane L.  
Fentilation Support to the Ohio Strong Start to Finish Data Implementation Forum Group  
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Fenton, Thomas  
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Lake, Crystal B.  
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Long, Paula  
University Partnership Program Grant for 2018-19  
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Shannon, Vaughn  
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Swanson, Drew A.  
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Bennett, Eric S.
Regulated Sialylation Modulates Cardiac Excitability and Conduction
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Brown, Elliott
Novel Oscillation and Amplification Circuits with Resonant Tunneling Diodes
National Science Foundation
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Brown, Elliott
Contact-Free, Antenna-Free CW THz Optoelectronic Probe
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Brown, Elliott
LWIR and THz Frequency Generation with Quantum Dots
Clarkson Aerospace Corp
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Deibel, Jason A.
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WSU Students ASK...A Success & Scholarship Program for Students Applying Scientific Knowledge
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$997,589

Deibel, Jason A.
Broad Area Terahertz Frequency Spectroscopic Material State Awareness
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Deibel, Jason A.
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Applications in Computational and Experimental Electromagnetics (ACE-EM)
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Deibel, Jason A.
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Prevention of Adenovirus Pathogenesis Through Downregulation of the Apical Adenovirus Receptor
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Fox, Jane Lee
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Kaminski, Jennifer A.
Facilitating Transfer of Mathematical Knowledge from Classroom to Real Life
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Kozlowski, Gregory
Advanced Optical Materials for Next Generation High Powered Lasers
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Look, David C.
*Defects and Dopants in Critical Wide Band Gap Semiconductors – ZnO, InGaZnO, Ga2O3 and ScN*
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Look, David C.
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Look, David C.
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Look, David C.
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McCarthy, Mark J.
*Sediment Nitrogen Dynamics in the Western Basin of Lake Erie Relative to Cyanobacterial Blooms*
Ohio State University
$33,174

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*Analysis of Glen Helen Nature Preserve*
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McGowin, Audrey E.
*Tracking Watershed Sources of Phosphorus Input to Caesar’s Creek Lake Near the City of Wilmington Municipal Water Intake*
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Medvedev, Ivan
*Terahertz Spectroscopic Chemical Sensor for Analysis of Fatigued Human Breath*
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$28,605

Newell, Silvia Elena
*The Microcystis microbiome: Interactions in the cyanobacterial phycosphere*
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$150,000

Newell, Silvia Elena
*Characterizing Ammonium Dynamics Affecting Harmful Cyanobacterial Blooms in Lake Erie*
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*MRI: Acquisition of a CytoViva System for Highly Interdisciplinary Research and Education in Nanoscience and Nanotechnology*
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Pollock, Sara
*Regularized adaptive methods for classes of nonlinear partial differential equations*
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Romine, William L.
*Strengthening Middle School Science and Health Education by Linking Grade-Level Inquiry and Reading of Complex Tasks*
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$26,540

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

Rooney, Thomas
*Dairymen’s Natural Resources Stewardship*
Dairymen’s, Inc.
$6,962

Rude, Megan R
*Bahn, Volker*
*Determining behavior-specific habitat requirements and use of the endangered Myotis sodalis in the Wright State University woods*
Ohio Biological Survey
$500

Schneider, Tamera
*Intergovernmental Personnel Act (IPA) Assignment of Dr. Tamera Schneider from Wright State University to the National Science Foundation*
National Science Foundation
$144,596

Schneider, Tamera
*TAHMT Task Order 001 Systems Research and Applications International*
$32,968

Shalin, Valerie L.
*ASSET 3 Support*
University of Maryland
$86,074

Vadeboncoeur, Yvonne
*From the Headwaters to the Littoral Zone: Using Attached Algae as Indicators of Ecosystem Impairment in the Great Lakes*
Ohio State University
$32,994

Voss, Andrew A.
*Determining if there is a Primary Myopathy in Huntington’s Disease DHHS, National Institute of Neurological Disorders and Stroke*
$454,967
Lake Campus

Jacquemin, Stephen James
Collection of Fish Tissue in Association with the Wright State University – Lake Campus Grand Lake St. Mary’s (Ohio) Fish Assemblage Monitoring Program
Wayne State University
$5,472

Schiller, Shu
“Ask A Librarian” Live Chat Service: A Mixed Methods Research on the Service Styles of Professional Librarians and Student Workers
Ohio State University
$3,000

School of Professional Psychology

Jacquemin, Stephen James
Nutrient and Sediment Retention Potential of Treatment Trains in Grand Lake St. Marys Watershed
St. Marys Community Foundation
$62,646

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
$416,000

Meyer, Cheryl
Research Evaluation Enhancement Projects (REEP) - IM HUB 18-11
Ohio Commission on Minority Health
$50,000

Library

Shannon, Mandy
Identifying Impact: The Role of Library Research Appointments on Student Academic Achievement
Academic Library Association of Ohio
$1,975

Raj Soin College of Business

Black, Donerik G.
The Ascend Program
Fifth Third Bank
$50,000

Schultz, Michelle S.
SOPP Practicum: CHC of Greater Dayton FY2018
Community Health Centers of Greater Dayton
$21,600

Black, Donerik G.
Small Business Development Center, FY2018
Ohio Development Services Agency
$195,057

Schultz, Michelle S.
SOPP Practicum: Center for Adolescent Services FY2018
Center for Adolescent Services
$9,000

Schultz, Michelle S.
SOPP Practicum: CompDrug FY2018
CompDrug
$8,320

Schultz, Michelle S.
SOPP Practicum: Hillcrest Academy FY2018
Hillcrest Academy
$14,000

Schultz, Michelle S.
SOPP Practicum: Miami University FY2018
Miami University
$7,400

Schultz, Michelle S.
SOPP Practicum: UD Counseling Center FY2018
University of Dayton
$12,400

Schultz, Michelle S.
SOPP Practicum: Self Matters FY2018
Self Matters LLC
$2,400
Schultz, Michelle S.
**SOPP Practicum: Summit BHC FY2018**
Summit Behavioral Healthcare
$9,000

Schultz, Michelle S.
**SOPP Internship: CompDrug FY2018**
CompDrug
$16,000

Schultz, Michelle S.
**SOPP Internship: PHP Upper Valley Medical Center FY2018**
Premier Health Partners
$8,000

Schultz, Michelle S.
**SOPP Internship: Eastway Behavioral Healthcare FY2018**
Eastway Behavioral Healthcare
$16,000

Schultz, Michelle S.
**SOPP Internship: Dayton Children's Hospital FY2018**
Dayton Children’s Hospital (Dayton)
$32,000

Schultz, Michelle S.
**SOPP Internship: Summit BHC FY2018**
Summit Behavioral Healthcare
$16,000

Schultz, Michelle S.
**SOPP Internship: Miami County Juvenile Court FY2018**
Miami County Juvenile Court
$8,000

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

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

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**Student Affairs**

Biesemeyer, Destinee N.
**Building a Coordinated Community Response to Address Sexual Assault, Domestic Violence, Dating Violence, and Stalking Among College Students**
U.S. Department of Justice
$297,071

Biesemeyer, Destinee N.
Rando, Robert A.
**Expanding Quality and Access to Information and Services for Sexual Assault Victims**
Ohio Office of the Attorney General
$134,355

Brown, Joylynn M.
Hill, Sara Jane
**NCAA Special One-Time Distribution**
National Collegiate Athletic Association
$335,866

Brown, Joylynn M.
Hill, Sara Jane
**Student Athlete Opportunity Funds 2017-2018**
Horizon League
$125,675

Brown, Joylynn M.
Hill, Sara Jane
**Wright State Men's Basketball Improvement Fund FY2018**
Horizon League
$57,692

Dustin, Jack L.
**A Public Voice (APV 2017)**
C.F. Kettering Foundation
$340

Hill, Sara Jane
**Support for Infrastructure and Equipment Upgrades for Broadcasting Needs**
Horizon League
$75,000

Murray, Twila G
**Wright State University Independent Scholars Network Raider Academy and Summer Mentoring Initiative for Summer 2018**
Public Children Services Association of Ohio
$13,079

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**University College**

Littell, Timothy Jason
Boaz, Matt
**Lumina Talent Hub**
Sinclair Community College
$72,050

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**Universitywide**

Barnhart, Amy
**Supplemental Educational Opportunity Grant Program (SEOG) 2017/2018**
U.S. Department of Education
$395,380

Barnhart, Amy
**Science, Mathematics, and Research for Transformation (SMART) Defense Scholarship Program 2017/2018**
American Society for Engineering Education
$54,918

Barnhart, Amy
**PELL Grant Program 2016/2017**
U.S. Department of Education
$165,286

Barnhart, Amy
**PELL Grant Program 2017/2018**
U.S. Department of Education
$18,239,395
Barnhart, Amy  
Supplemental Educational Opportunity Grant Program (SEOG) 2018/2019  
U.S. Department of Education  
$451,207

Barnhart, Amy  
PELL Grant Program 2018/2019  
U.S. Department of Education  
$1,459,092

Barnhart, Amy  
College Work Study Program  
U.S. Department of Education  
$1,908,820

Brun, Carl F.  
Support for OCTANE Day  
Ohio Department of Higher Education  
$750

Brun, Carl F.  
Tackling Transfer Regional Transfer Grant: Veterans Support  
Ohio Association of Community Colleges  
$3,000

Brun, Carl F.  
Hibner, Mark  
Tackling Transfer Regional Transfer Grant: Articulation Agreements with Rhodes State Community College  
Ohio Association of Community Colleges  
$1,580

Martin, Bryan M.  
GEAR UP Scholarship  
Ohio Department of Higher Education  
$14,950

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

Sudkamp, Thomas A.  
Wright State Choose Ohio First Program  
Ohio Department of Higher Education  
$377,000

Sudkamp, Thomas A.  
Articulation and Transfer FY2017  
Ohio Department of Higher Education  
$6,000

Sudkamp, Thomas A.  
Support for Position of Senior Associate Director, SCTAI, FY2018  
Ohio Department of Higher Education  
$99,604

Sudkamp, Thomas A.  
Support for Position of Associate Director, SCTAI, FY2018  
Ohio Department of Higher Education  
$87,549

Sudkamp, Thomas A.  
Articulation and Transfer FY2018  
Ohio Department of Higher Education  
$1,112,323

Sudkamp, Thomas A.  
Choose Ohio First Continuing Scholar Program FY2018  
Ohio Department of Higher Education  
$380,000

Sudkamp, Thomas A.  
Tackling Transfer: Workshops on Essential Transfer Practices for Two-and-Four-Year Colleges  
Ohio Association of Community Colleges  
$5,000

Sudkamp, Thomas A.  
Support for Implementing Guided Pathways Reform at Ohio's Public Colleges  
Ohio Department of Higher Education  
$40,725

Sudkamp, Thomas A.  
Travel Support for Perkins SCTAI/CT2 Compliance  
Ohio Department of Higher Education  
$5,000

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

Andersh, Dennis J.  
Human Performance Center of Excellence  
Ohio Development Services Agency  
$1,125,000

Andersh, Dennis J.  
Wright Brothers Institute Operations  
Wright Brothers Institute, Inc.  
$680,658

Broderick, Timothy J.  
Human Performance and Human Sciences: Ohio Federal Research Network; Cycle II: Motion Sickness Interactions with Spine Disorders (MOSSD) and Advanced Cognitive and Physical Sweat Biosensing  
Wright State Applied Research Corporation  
$899,748

Broderick, Timothy J.  
Creating Surgical Capabilities for Exploration Space Flight  
Baylor College of Medicine  
$9,000

Cox, Michael T.  
RI: Student Travel Program for the 2018 International Conference on Case-Based Reasoning  
National Science Foundation  
$10,000

Cox, Michael T.  
Adaptive Goal-Driven Autonomous Agents  
Lehigh University  
$87,500
Gross, David C.

*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*
DoD, Air Force, Air Force Research Laboratory
$75,000

Gross, David C.

*Test and Evaluation of Autonomous Systems (TEAS)*
Ohio University
$392,492

Gross, David C.

*Travel Reimbursement for Test and Evaluation of Autonomous Systems*
Ohio University
$349

Gross, David C.

*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*
DoD, Air Force, Air Force Research Laboratory
$463,425

Gross, David C.

*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*
DoD, Air Force, Air Force Research Laboratory
$1,538,000

Gruenberg, James

*Pre-Hospital Management of Special Pathogens/Infectious Disease Patients; Web-Based Continuing Education*
City of Dayton
$10,630

Minnery, Brandon S.

*Maximizing the Collective Intelligence of a Network Using Novel Measures of Socio-Cognitive Diversity*
DoD, Army Research Office
$141,466

Minnery, Brandon S.

*Revolutionary Intelligence and Influence Technologies (RIIT)*
DoD, Air Force, Air Force Research Laboratory
$1,447,018

Norell, Todd R.

*Ohio MRC Leadership Conference*
Ohio Department of Health
$121,371

Minnery, Brandon S.

*Lapses of Attention Predicted in Semi-Structured Ecological Settings (LAPSES)*
DoD, Office of Naval Research
$66,000
FY2019 AWARDS

The grants and contracts on these pages were awarded from July 2018 through October 2018
Award amounts may reflect one or more years/increments.

Boonshoft School of Medicine

Bihl, Ji Chen
Chen, Yanfang
Travers, Jeffrey B.
Microvesicles as a Novel Transmitter for UVB-Induced Bioactive Products
DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases
$162,800

Binder, Stephen Bruce
Bowman, Marjorie A.
Accelerating Primary Care Transformation Wright (APCT-Wright)
DHHS, Health Resources and Services Administration
$100,000

Bowman, Marjorie A.
Clinical Trial - TANGO
inVentiv Health Clinical
$11,510

Di Fulvio, Mauricio
Role of Slc12a5 in insulin secretion and glucose homeostasis
DHHS, National Institute of Diabetes and Digestive and Kidney Diseases
$131,250

Dudley, Emily S.
Biopsy Study
Devicor Medical Products, Inc.
$10,501

Ebert, James Ray
Telomere Length Dynamics in Relation to Changes in Adiposity and Metabolic Risk
University of Texas Health Science Center at Houston
$26,229

Ekeh, Akpofure P.
CTRA - TEGG
INC Research LLC
$49,388

Elbasiouny, Sherif M.
The impact of neuromodulatory state on the excitability changes of motoneurons and the motor pool in ALS
DHHS, National Institute of Neurological Disorders and Stroke
$40,108

Elbasiouny, Sherif M.
Integrated Sense, Assess and Augment (ISAA)
Wright State Applied Research Corporation
$51,953

Elbasiouny, Sherif M.
Identification of Electrophysiological Markers for Early Diagnosis of Amyotrophic Lateral Sclerosis
National Academy of Sciences
$7,971

Ford, JoAnn
Day-TREE
DHHS, Substance Abuse and Mental Health Services Administration
$540,463

Ford, JoAnn
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
$524,971

Gainer, Danielle M
Rural General Psychiatry
Ohio Department of Mental Health and Addiction Services
$10,000

Gentile, Julie P.
Mental Illness - Intellectual Disability Residency Placements
Montgomery County ADAMH Services Board
$30,000

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

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.
Gentile, Julie P.
Residency Traineeship Program for Psychiatric Residents in Dual Diagnosis - MI/DD
Ohio Department of Developmental Disabilities
$80,000
Gentile, Julie P.
Cowan, Allison
Harper, Bethany L.
Mast, Ryan C.
Merrill, Brian M.
Gainer, Danielle M
Ohio's Telepsychiatry Project
Ohio Department of Developmental Disabilities
$225,000
Jarnot, Thomas F.
Aerospace Medicine Training for the Era of Pioneering a Journey to Expanding Human Space Flights Beyond ISS and LEO
National Aeronautics and Space Administration
$95,000
Kinzeler, Nicole
Evaluation Services for Montgomery County Juvenile Court
Montgomery County Juvenile Court
$23,310
Leffak, I. Michael
Mechanisms of Microsatellite Instability in Human Disease
DHHS, National Institute of General Medical Sciences
$120,000
Long, Weiwen
ERK3 Kinase Signaling in Lung Cancer
DHHS, National Cancer Institute
$338,550
Mast, Ryan C.
Child and Adolescent Psychiatry
Ohio Department of Mental Health and Addiction Services
$35,000
Mast, Ryan C.
Child Psychiatric Placements
Montgomery County ADAMH Services Board
$75,000
Merrill, Brian M.
Community General Psychiatry
Ohio Department of Mental Health and Addiction Services
$15,000
Mott, Robert
CTRA - Inform CLL
Pharmacys LLC
$18,523
Nahhas, Ramzi
Ohio Opioid Analytics Project, RW Nahhas
Ohio State University
$44,873
Parikh, Priti
Parikh, Pratik
Allocation of Trauma Resources in the State of Ohio: A Data Driven Approach for Current Assessment and Benchmarking
Ohio Department of Public Safety
$84,182
Paul, Kimberly A.
NCI Award Under DCOP Fiscal Agency Agreement
Dayton Clinical Oncology Program
$783,697
Paul, Kimberly A.
Clinical Teaching Subsidy
Ohio Department of Higher Education
$2,860,830
Paul, Kimberly A.
Geriatric Medicine Program
Ohio Department of Higher Education
$70,863
Paul, Kimberly A.
Primary Care Residencies
Ohio Department of Higher Education
$256,420
Paul, Kimberly A.
Family Practice Program
Ohio Department of Higher Education
$365,964
Paul, Kimberly A.
Miscellaneous Awards Under DCOP Fiscal Agency Agreement
Dayton Clinical Oncology Program
$16,805
Polenaovik, Hari M.
CTRA - TOUR
Theravance, Inc.
$2,500
Reo, Nicholas V.
Metabolomics Analyses of Fecal Extracts in a ‘Humanized’ Microbiome Mouse Model of Toxicant Exposure
Henry M. Jackson Foundation
$96,054
Roman, Brenda
Wright Rural Health Initiative Implementation Proposal
HealthPath Foundation of Ohio
$80,000
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
$15,828
Susuki, Keiichiro
Disruption of excitable axonal domains by glucose metabolite methylglyoxal
DHHS, National Institute of Neurological Disorders and Stroke
$390,200
Thackeray, Jonathan D
Clinical Consultant for SIM Self-Evaluation
Ohio State University
$27,516

Travers, Jeffrey B.
Sahu, Ravi P.
Cool, David R.
Li, Gengxin
Platelet Activating Factor and Epidermal
Cytotoxicity
DHHS, National Heart, Lung, and Blood
Institute
$374,675

Welton, Randon S.
Adult General Psychiatry
Ohio Department of Mental Health and
Addiction Services
$15,000

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

College of Engineering and
Computer Science

Bae, Harok
Probabilistic Design Criteria for Decision
Making with Uncertainty
University of Dayton
$35,000

Banerjee, Tanvi
Managing Dementia through a
Multisensory Smart Phone Application to
Support Aging in Place
DHHS, National Library of Medicine
$171,298

Ciarallo, Frank W.
Models of Component Demands from
Fleets Supported by Reliability
Information
MacAulay-Brown, Inc.
$101,250

Emmert, John M.
Design Framework and CAD Tools for
Hardware Security and Trust
EDAptive Computing, Inc.
$120,000

Farajian, Amir
Pupysheva, Olga
A Combined Experiment-Multiscale
Simulation Study of 2D Nanomaterials
Liquid-phase Exfoliation
DoD, Air Force Office of Scientific
Research
$91,055

Hitzler, Pascal
Toward Undifferentiated Cognitive
Agents: Determining Gaps in
Comprehension
DoD, Air Force Office of Scientific
Research
$148,605

Huang, Hong
Electron Optics Analyses towards
Fundamental Understanding of
Functional Thin Film Materials and
Devices
Universal Energy Systems, Inc.
$20,000

Klingbeil, Nathan W.
Goldstein, David L.
Ohio LSAMP Alliance
Ohio State University
$80,463

Li, Sheng
Refinement of OSU’s Scuffing Models for
Lubricated Rough Surface Contacts of
Rollers and Gears
Ohio State University
$60,000

Lieh, Junghsen
EPOC: Efficient Power Controller for
Small Unmanned Air Vehicles
Intelligent Automation, Inc.
$45,000

Pei, Yong
Autonomous Remote Piloted Cirrus SR22
Aerial Surveillance Platform and
Personnel Air Vehicle "Air Uber" System
Persistent Surveillance Systems
$10,000

Pei, Yong
Collaborative Communication
Interruption Management System
(C-CIMS)
Ball Aerospace
$7,860

College of Education and Human
Services

Huber, Mary Josephine
The Learning and Working During the
Transition to Adulthood Rehabilitation
Research and Training Center
University of Massachusetts Medical
School
$9,113

Keferl, Joseph E.
Dayton Regional Science, Technology,
Engineering, and Mathematics School
Services Agreement
Dayton Regional Science, Technology,
Engineering, and Mathematics (STEM)
School
$3,677,486
Raymer, Michael L.  
*Research and Development Analytics and Landscape Mapping to Improve and Accelerate Technology Transfer*
Wright State Applied Research Corporation  
$17,500

Rigling, Brian D.  
*Object Physics for Exploitation and Recognition Advancements (OPERA)*
Leidos, Inc.  
$25,000

Rigling, Brian D.  
Garber, Fred D.  
Saville, Michael  
Shaw, Arnab K.  
Wischgoll, Thomas  
Rizki, Mateen M.  
*SIRCUS TO2: Comprehensive Learning Objectives for Warfighter Needs (CLOWN)*
DoD, Air Force, Air Force Research Laboratory  
$582,000

Rizki, Mateen M.  
Rigling, Brian D.  
Garber, Fred D.  
Roberts, Rory A.  
Ellicott, Andrew  
Lautzenhiser, Margaret R  
Sauve, Michael  
Ash, Joshua Noel  
Wischgoll, Thomas  
Rizki, Mateen M.  
*Development of a Vehicle Level Integration Tool for Aircraft Energy Management*
Dayton Area Graduate Studies Institute  
$15,360

Roberts, Rory A.  
Lautzenhiser, Margaret R  
*Multi-Fidelity Analysis Methods for Multidisciplinary Design Optimization*
Dayton Area Graduate Studies Institute  
$52,260

Roberts, Rory A.  
*Spectral Energies, LLC*
$50,000

Roberts, Rory A.  
*Design and Fabrication of an External Combustor for a JetCat Turbojet Engine*
Universal Technology Corporation  
$2,273

Sherwood, Matthew Scott  
*Cerebral Hemodynamic Studies of Hypoxia and Fatigue*
DoD, National Naval Medical Center  
$500,797

Sheth, Amit  
*BD Spokes: MEDIUM: MIDWEST: Collaborative: Community-Driven Data Engineering for Opioid and Substance Abuse in the Rural Midwest*
National Science Foundation  
$120,000

Sheth, Amit  
*Modeling Social Behavior for Healthcare Utilization and Outcomes in Depression*
Cornell University  
$29,958

Sheth, Amit  
*SCH: INT:  kHealth: A Semantic Approach to Proactive, Personalized Asthma Management Using Multimodal Sensing*
DHHS, National Institute of Child Health and Human Development  
$295,924

Sheth, Amit  
*Modeling Social Behavior for Healthcare Utilization and Outcomes in Depression*
Cornell University  
$178,192

Sucosky, Philippe  
*Shear forces regulate endothelial and fibroblast cross talk via inflammation to produce fibrosis*
Rice University  
$69,504

Sucosky, Philippe  
*Identification and Assessment of Hemodynamic Predictors of Bicuspid Aortic Valve Aortopathy*
American Heart Association - Great Rivers Affiliate  
$76,998
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<tr>
<th>Name</th>
<th>Institution</th>
<th>Project Title</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Thomas, Scott Keith</td>
<td>Ohio Space Grant Consortium</td>
<td>Analysis of Requirement or Specification of a Rotational Stage for the Centrifuge Table at AFRL</td>
<td>$6,000</td>
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<tr>
<td>Phillip, Michael J</td>
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<td>Wischgoll, Thomas</td>
<td>Universal Technology Corporation</td>
<td>Dynamic Collaborative Visualization Ecosystem (DynaCoVE)</td>
<td>$30,000</td>
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<td>Wischgoll, Thomas</td>
<td>Ohio Department of Higher Education</td>
<td>Center for Virtual and Cyber-Physical Systems</td>
<td>$590,348</td>
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<td>Saunders, Vance M.</td>
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<tr>
<td>Wolff, J. Mitch</td>
<td>Ohio Space Grant Consortium</td>
<td>Dynamic Collaborative Visualization Ecosystem (DynaCoVE)</td>
<td>$2,200</td>
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<tr>
<td>Young, Henry Daniel</td>
<td>Ohio Space Grant Consortium</td>
<td>Support for ASM International Teacher's Materials Camp in the Dayton Metro Region</td>
<td>$12,600</td>
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<tr>
<td>Srinivasan, Raghavan</td>
<td>Ohio Department of Job and Family Services</td>
<td>DoD, Air Force Office of Scientific Research</td>
<td>$12,600</td>
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<tr>
<td>Zhang, Junjie</td>
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<td>Saunders, Vance M.</td>
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<tr>
<td>Zhang, Xinhui</td>
<td>Jewelry and watch retail auction data analytics and marketing design</td>
<td>Peden Consulting</td>
<td>$120,000</td>
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**College of Liberal Arts**

<table>
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<th>Name</th>
<th>Institution</th>
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<tr>
<td>Dockery, Jane L.</td>
<td>Ohio Space Grant Consortium</td>
<td>Evaluation of Northwest State Community College's Trade Adjustment Assistance Community College and Career Training (TAACCTC) Grant</td>
<td>$8,802</td>
</tr>
<tr>
<td>Dockery, Jane L.</td>
<td>Ohio Department of Job and Family Services</td>
<td>Southwest Ohio Regional Prevention Coordinator Proposal</td>
<td>$650,500</td>
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<tr>
<td>Murray, Carol S.</td>
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<tr>
<td>Hall, Ashley Elizabeth</td>
<td>Council of Writing Program Administrators</td>
<td>Writing Experience and Outcomes of Dual Enrollment Writing Students: A State-Wide Study</td>
<td>$3,800</td>
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**College of Nursing and Health**

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<th>Name</th>
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<tr>
<td>Eustace, Rosemary</td>
<td>American Nurses Foundation</td>
<td>Pilot Testing of the PEERS PLUS Intervention for At-risk Beginning Baccalaureate Nursing Students</td>
<td>$5,000</td>
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<tr>
<td>Fowler, Barbara A.</td>
<td>Ohio Council of Deans and Directors</td>
<td>Workforce and Leadership Development of U.S. Minority Nurses in Public Health Departments</td>
<td>$2,000</td>
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<tr>
<td>Smith, Sherrill Jeanne</td>
<td>Northwest State Community College</td>
<td>Military Medic Training and Nursing Transition Course</td>
<td>$2,800</td>
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<tr>
<td>Dockery, Jane L.</td>
<td>Greene County Juvenile Court</td>
<td>RECLAIM: Evaluation and Quality Assurance Project</td>
<td>$39,916</td>
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<tr>
<td>Dockery, Jane L.</td>
<td>Greene County Juvenile Court</td>
<td>Military Medic Training and Nursing Transition Course</td>
<td>$39,916</td>
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<td>Murray, Carol S.</td>
<td>Greene County Juvenile Court</td>
<td>RECLAIM: Evaluation and Quality Assurance Project</td>
<td>$39,916</td>
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<th>Name</th>
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<tr>
<td>Wu, Zhiqiang</td>
<td>Ohio University</td>
<td>Travel reimbursement for C2PNT FRN Cycle II Intelligent Channel Sensing</td>
<td>$765</td>
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<tr>
<td>Eustace, Rosemary</td>
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College of Science and Mathematics

Arumugam, Kuppuswamy
Dual Targeting Redox-active Gold(I) Complexes
DHHS, National Institute of General Medical Sciences
$462,195

Bennett, Kevin B.
Cross Validation of the FAA Standard Color Palette and Development of Guidelines for Testing Displays: Phase II
U.S. Department of Transportation, Federal Aviation Administration
$33,896

Brown, Elliott
EAGER Collaborative: >100 GHz Optical Clocking using Self-Modulation of Co-Tunneling Light Emitters
National Science Foundation
$90,000

Cipollini, Donald F.
The extent of attack, determinants of susceptibility, and tolerance of cultivated olive, Olea europaea to emerald ash borer
U.S. Department of Agriculture
$67,058

Excoffon, Katherine
Voss, Daniel T.
Sharma, Priyanka
Prevention of Adenovirus Pathogenesis Through Downregulation of the Apical Adenovirus Receptor
DHHS, National Institute of Allergy and Infectious Diseases
$375,000

Fox, Jane Lee
MAVEN Extended Mission Phase E
University of Colorado
$30,000

Hammerschmidt, Chad R.
Knauss Marine Policy Fellowship Application
Ohio State University
$61,500

Juvin, Ion
Lapses of Attention Predicted in Semi-Structured Ecological Settings (LAPSES)
DoD, Office of Naval Research
$25,164

Kaminski, Jennifer A.
Intelligent Diagnostic Assessment Platform for School Statistics Education
University of Notre Dame
$54,617

Leaman, Douglas
Reducing Impacts of Disease on Salmonid Aquaculture Production
University of Toledo
$144,000

McCarthy, Mark J.
Maumee River sediments as a nitrogen source or sink to Lake Erie: The competing roles of ammonium recycling and denitrification
Ohio State University
$39,998

McCarthy, Mark J.
Newell, Silvia Elena
Nitrate/Nitrite Analytical Services
Finger Lakes Institute
$3,550

Medvedev, Ivan
Terahertz Spectroscopic Chemical Sensor for Analysis of Fatigued Human Breath
Universal Technology Corporation
$8,500

Newell, Silvia Elena
Nitrification in Three Eutrophic Lakes: The search for new nitrifiers that thrive under extreme competition
Epplsey Foundation for Research, Inc.
$14,999

Pollock, Sara
Regularized adaptive methods for classes of nonlinear partial differential equations
National Science Foundation
$42,950

Rooney, Thomas
Establishing a Scientific Basis for Garlic Mustard Control and Eradication on Private Lands
Dairymen’s Foundation, Wisconsin
$9,000

Rua, Megan A.
Improving soil health to increase plant production and quality on dredged material
Ohio Environmental Protection Agency
$49,990

Schneider, Tamera
Intergovernmental Personnel Act (IPA) assignment of Dr. Tamera Schneider from Wright State University to the National Science Foundation
National Science Foundation
$152,490

Slattery, William
Ohio Mining and Mineral Education Program
Ohio Mining & Mineral Education Program
$14,250

Tsang, Pamela S.
Support for the 20th International Symposium on Aviation Psychology
National Science Foundation
$27,142

Wang, Jinju
Bihl, Ji Chen
The regulatory effect of exercise on circulating EPC-EXs and its implication in ischemic stroke
American Heart Association - National $54,316
Wissman, Amy
Rouhana, Luara V
*Culture Clash: An Alternative Model for Microbiology Instruction*
American Society of Clinical Pathology
$2,500

**Library**

VandenBos, Toni
Dewey, Dawne
*Conservation Treatment of Wright Brothers Collection Artifacts*
State Library of Ohio
$4,999

**Multicultural Affairs and Community Engagement**

Boaz, Matt
*Ohio/Western Pennsylvania/West Virginia HERC Consortium 2018-2019*
Ohio/Western Pennsylvania/West Virginia Higher Education Recruitment Consortium
$84,754

**Raj Soin College of Business**

Traynor, Thomas L.
*Short Term Certificate Grant Program*
Ohio Department of Higher Education
$50,000

**School of Professional Psychology**

Cigrang, Jeffrey A.
*Lesbian, Gay, and Bisexual Couples in the Military: A Post-DADT Examination of Relationship Health, Perceived Community Acceptance, and Mission Readiness*
Army Medical Research Acquisition Activity
$1,053,094

Meyer, Cheryl
*Research Evaluation Enhancement Projects (REEP) - MIH-19-38*
Ohio Commission on Minority Health
$75,000

Schultz, Michelle S.
*SOPP Practicum: CHC of Greater Dayton FY2019*
Community Health Centers of Greater Dayton
$18,000

Schultz, Michelle S.
*SOPP Practicum: Center for Adolescent Services FY2019*
Center for Adolescent Services
$9,000

Schultz, Michelle S.
*SOPP Practicum: Kline and Associates FY2019*
Kline and Associates
$2,500

Schultz, Michelle S.
*SOPP Practicum: Miami University FY2019*
Miami University
$7,400

Schultz, Michelle S.
*SOPP Practicum: South Community MHC FY2019*
South Community Mental Health Center
$24,000

Schultz, Michelle S.
*SOPP Practicum: Court Clinic Site FY2019*
Central Clinic
$9,000

Schultz, Michelle S.
*SOPP Practicum: Self Matters FY2019*
Self Matters LLC
$2,400

**Student Affairs**

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

Brown, Joylynn M.
Hill, Sara Jane
*Student Athlete Opportunity Funds 2018-2019*
Horizon League
$227,510
Brown, Joylynn M.  
Hill, Sara Jane  
*Wright State Men's Basketball Improvement Fund FY2019*  
Horizon League  
$119,167

Dustin, Jack L.  
*Analysis of ED/GE and Alternative Program Options*  
Montgomery County Community Development Office  
$5,000

Noss, Bob J  
Hill, Sara Jane  
*CoSIDA's Phil Langan Graduate Internship Grant*  
College Sports Information Directors of America  
$15,000

Steele-Middleton, Amanda  
*FY18 Exploration Project*  
Ohio Department of Higher Education  
$1,920

**Universitywide**

Barnhart, Amy  
Logistics Management Institute  
$144,354

Barnhart, Amy  
*PELL Grant Program 2017/2018*  
U.S. Department of Education  
$642,385

Barnhart, Amy  
*PELL Grant Program 2018/2019*  
U.S. Department of Education  
$8,595,158

Brun, Carl F.  
*Support for OCTANE Activities*  
Ohio Department of Higher Education  
$1,250

Martin, Bryan M.  
*GEAR UP Scholarship*  
Ohio Department of Higher Education  
$13,450

Martin, Bryan M.  
*Achieve: A Chance to Have and Improve the Experience and Value of Education*  
U.S. Department of Education  
$194,816

Sudkamp, Thomas A.  
*Articulation and Transfer FY2018*  
Ohio Department of Higher Education  
$12,700

Sudkamp, Thomas A.  
*Supportive Effort for the Ohio Department of Higher Education's Carl D. Perkins Grant*  
Ohio Department of Higher Education  
$3,609

Sudkamp, Thomas A.  
*Articulation and Transfer FY2019*  
Ohio Department of Higher Education  
$1,127,079

Sudkamp, Thomas A.  
*MHEC Travel Support for Jared Shank, September 2017*  
Ohio Department of Higher Education  
$785

Sudkamp, Thomas A.  
*Wright State Choose Ohio First Program*  
Ohio Department of Higher Education  
$565,500

Sudkamp, Thomas A.  
*Choose Ohio First Continuing Scholar Program FY2019*  
Ohio Department of Higher Education  
$220,000

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

Broderick, Timothy J.  
Kadakia, Madhavi P.  
Raymer, Michael L.  
*Precision High Intensity Training through Epigenetics (PHITE)*  
DoD, Office of Naval Research  
$1,499,917

Broderick, Timothy J.  
*Creating Surgical Capabilities for Exploration Space Flight*  
Baylor College of Medicine  
$19,880

Cox, Michael T.  
*Adaptive Goal-Driven Autonomous Agents*  
Lehigh University  
$100,000

Gross, David C.  
*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*  
DoD, Air Force, Air Force Research Laboratory  
$594,075