It is the end of an era here in Research and Sponsored Programs! After more than 30 years at Wright State University, Jackie Frederick, Director of Pre-Award, is set to retire on April 30, 2020. As many of you are aware, Jackie has been our “rock” for all things related to Pre-Award administration. Her knowledge, patience and guidance have been invaluable to many faculty and staff members. Her leadership and exceptional customer service skills are something we can all strive towards.

During her tenure at the University, Jackie has held several positions. She started in 1989 as a secretary with the School of Graduate Studies, she later moved to Research and Sponsored Programs, where she served as a Grants Administrator in Post-Award. In 2000, she made the transition to Pre-Award as an Assistant Director. Two promotions later, in 2008, she assumed her new duties as Director of Pre-Award. It can be safely said that Jackie has worked with faculty members in every College and School on campus during her tenure. Over the years, she also completed her Bachelor’s degree in English at Wright State. What a career and great example of the opportunities Wright State University has provided!

Knowing Jackie, we expect her to remain busy in her retirement. With her love of family, books and travel she will always have an adventure awaiting. We cannot wait to hear about them as we stay in touch over the coming months and years.

**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, Sheila Bensman, at sheila.bensman@wright.edu or call ext. 2497.

**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**

Search for any component of opportunity:
- Opportunity title
- Sponsor Name
- Field/Subject matter

Results can be sorted, grouped, or filtered.

**IN THIS ISSUE…**

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Thoughts from the Interim Vice Provost for Research....

Welcome to another edition of Research News, a compilation of news and current events from the staff members of the Office of the Vice Provost for Research and Innovation. You may have noticed the name change: you will see it pop up on the University’s banner when searching for any of the areas that report to the Vice Provost for Research and Innovation. The “research” piece is nothing new, but we like to think that the word “innovative” describes the outcomes of research, scholarship and teaching that bring new ideas to the campus and beyond. We like to be part of this innovative adventure.

The staff members in Research and Sponsored Programs and Research Compliance support the very important research endeavors of the University’s faculty and staff. We are the one-stop shop for everything from identifying funding opportunities and providing assistance in all facets of the proposal process to administration of externally sponsored programs to overseeing the multitude of research compliance requirements for federal and non-federal funding. You will also see innovative things occurring in the Office of Technology Transfer, where Dr. Whitney Hough has been reaching out to faculty to disclose and move their intellectual property to the marketplace and to enhance collaborations with local companies that provide internship opportunities and support for senior design projects.

The work of the Office is also supported by the Faculty Senate’s Scholarship and Sponsored Research Committee (SSRC). Made up of faculty representatives from all colleges, the SSRC is chaired this year by Dr. Sherry Farra in the College of Nursing and Health. Dr. Farra began the Committee’s work in the fall semester by setting a goal of finding a more effective vehicle to increase research communication across campus. To that end, Dr. Farra has been working with a subcommittee of the SSRC and Ms. Myke Cooney of CaTS to establish a SharePoint site. Accessible through Outlook, the SSRC SharePoint site will serve as the hub for research discussions, limited submission research opportunities, outreach for those seeking collaborations, and other useful resource links. A calendar will provide listings of scholarship and research events, and videos will help guide users through the site and offer overviews of areas such as the Institutional Review Board and technology transfer. Researchers may also upload their “scholarship of interest” to the site. The possibilities are endless.

We would also like to share the announcement of two opportunities for students to showcase their research and scholarship this semester:

Lake Campus Research Symposium

Thursday, April 16, 2020, in Dicke Hall from 11 a.m. to 1:30 p.m.

For more information, see: https://lake.wright.edu/research/research-symposium

Symposium of Student Research, Scholarship & Creative Activities
(Dayton Campus)

Friday, April 17, 2020, in the Wright State University Student Union

Papers, abstracts and posters may be submitted through CORE Scholar by using the following link:

https://www.wright.edu/event/symposium-of-student-research-scholarship-and-creative-activities

We hope to see you at one or both of these upcoming events. Have a good semester!
**Meet Our Newest Staff Members**

**Juwanna Higgins** joined the Office of Research and Sponsored Programs in September 2019 as Director of Post Award. She comes to RSP from Cleveland Metropolitan School District where she served as Director of Grants Reporting & Funding Programs. She also previously worked for 23+ years at Case Western Reserve University with her last position being the Research Administrative Manager for Civil, Electrical & Computer Science and Mechanical & Aerospace Departments in the School of Engineering. Juwanna’s career at Case Western Reserve has all been in finance – pre-award services, post award services, grants management, cash management, effort reporting, and auditing/compliance. She earned her Bachelor’s Degree in Business Management from Ursuline College in Pepper Pike, Ohio. She will lead all aspects of WSU’s sponsored programs financial operation. She will provide a structure of accountability for financial outcomes and the appropriate internal controls to produce a sound financial environment for all grants and contracts received by the University.

**Ann Holliday** joined the Office of Research and Sponsored Programs in August 2019 as a Post Award Grants Accountant. She comes from The University of Texas at Austin where she served as an Accountant I in Business & Financial Services where she performed accounts payable, reporting, and financial analysis for Financial and Administrative Services departments of the University. She brings 13 years’ experience working in the higher education accounting field. Ann completed her Bachelor of Science in Business majoring in Accounting from the University of Phoenix in 2010 and earned her Master of Science in Accountancy from the University of Phoenix in 2013. Ann will serve as grants accountant for the Boonshoft School of Medicine (BSOM).

**Karie Maurer-Enneking** joined the Office of Research and Sponsored Programs in early August of 2019 as the Assistant Director of Pre Award. Her most recent grant work was done serving as Executive Director of a local domestic violence shelter where she budgeted, wrote and managed grants totaling over two million dollars of federal, state, local and private funding. She brings to WSU a varied skill set, having been Operations Director of a small business chain, a Program Manager for a municipal library system and an eBusiness and Marketing Analyst for a local Fortune 500 company. She graduated from Miami University with a Bachelor of Arts degree in 1998 and brings to the job not only a diverse skill set but an endless curiosity and an understanding from the side of the grant writer. She will be the contact for the Boonshoft School of Medicine (BSOM) and the Wright State University Lake Campus. Karie invites you to stop by her office and say hello anytime you are in University Hall, her office number is 382.
The Statistical Consulting Center (SCC) has served clients both inside and outside the university community for over 35 years. The SCC has a successful record of research collaborations with faculty across the university, supports grant proposals and funded research, and provides statistical support for graduate student research. Additionally, we provide statistical analysis to external clients in both the public and private sectors.

Everyone is eligible for an initial one-hour consultation, per research project, free of charge. Our services are free to College of Science and Mathematics faculty, staff, and graduate students doing research at Wright State without grant support or other funding. Our rates are modest for other fully-affiliated Wright State faculty, staff, and graduate students for research done at Wright State.

The SCC provides complimentary support on grant proposals for everyone if written into the grant to provide statistical support.

As part of the Applied Statistics master’s degree curriculum, statistics graduate students spend a semester working in the SCC. The services of these students, under the supervision of our professional statisticians, are free to everyone.

Contact Michael Bottomley to make an appointment or for further information (michael.bottomley@wright.edu) (937) 775-2286.

Why Use a Consultant?

- Many research proposals can be made more effective with a stronger statistical component. The SCC can strengthen your research work by assisting with such aspects as formulation of hypotheses, experimental design, sample size estimation, data collection methodology, methods of analysis, and interpretation of results.

- Those who deal with data in their research, graduate studies, or business activities can seek advice and assistance from a consultant at the SCC. It is best to meet with us at the planning stage, before collecting data. Even if you carry out all your own statistical design and analysis, it is worthwhile to plan and review them with a SCC consultant to assess their appropriateness and viability to achieve your intended goals.

- We assist with data entry and data management.

- We regularly offer a "Statistical Overview" short course as well as workshops on SAS, SPSS and R software packages.

- We offer statistical software assistance either individually or via class presentations, as our availability and expertise permits, with no charge to faculty for these services.

Mission Statement

The mission of the Statistical Consulting Center (SCC) is five-fold:

1. Provide high quality, effective statistical support for Wright State University faculty, staff, and graduate students.

2. Effectively and efficiently train statistics graduate students in the art and science of real-world statistical consulting.

3. Generate statistics research problems that can lead to grant funding opportunities, research publications, and/or presentations at professional meetings by the statistics faculty.

4. Offer high quality and practically useful statistics education opportunities to University personnel and the surrounding community, including community service activities.

5. Offer high quality, effective statistical support to individuals and organizations not affiliated with Wright State University.
UPCOMING CHANGES FOR NSF PROPOSALS: NEW PROPOSAL & AWARD POLICIES & PROCEEDURES GUIDE

The National Science Foundation (NSF) has delayed the effective date for the use of their new PAPPG until June 1, 2020 due to some major changes in the proposal submission process. The complete new guide is available at https://www.nsf.gov/pubs/policydocs/pappg20_1/nsf20_1.pdf. Please refer to the new guide when preparing proposals to be submitted on or due by June 1, 2020. It is important to review the changes and prepare the documents accordingly to avoid receiving an error at time of submission that will prevent NSF from accepting the proposal.

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 type changes can be found at the beginning of the PAPPG noted above.

Chapter II.C.1.b, List of Suggested Reviewers or Reviewers Not to Include, has been updated to remove the requirement to indicate why the proposer prefers someone not review their proposal.

Chapter II.C.2.d(i), Project Description, has been revised to remove the requirement for the Project Description to contain, as a separate section within the narrative, a section labeled “Intellectual Merit.” In addition, another example has been added to the list of societal relevant outcomes in the broader impacts paragraph. The list is not meant to be either comprehensive or prescriptive; proposers may include appropriate outcomes not covered by the examples.

Chapter II.C.2.f, Biographical Sketches, has been modified to require use of an NSF-approved format in submission of the biographical sketch. NSF will only accept PDFs that are generated through use of an NSF-approved format. NSF has provided information on the new required format options at https://www.nsf.gov/bfa/dias/policy/biosketch.jsp. The SciENcv option is available now. There will be an NSF fillable PDF option by the June 1 implementation date of the new PAPPG. The information must be provided in the order and format specified in the PAPPG. Inclusion of additional information beyond that specified in the guide may result in the proposal being returned without review. NSF has included additional language to the Appointments section, to increase clarity regarding the information that must be provided. Appointments should include any titled academic, professional, or institutional position, whether or not remuneration is received. It is important to note that synergistic activities should be specific and must not include multiple examples to further describe the activity.

Chapter II.C.2.h, Current and Pending Support, has been modified to require use of an NSF approved format in submission of current and pending support information. NSF will only accept PDFs that are generated through use of an NSF-approved format. As there has been confusion on what should be included in the current and pending support document in the past, NSF has provided a FAQ at https://www.nsf.gov/bfa/dias/policy/pappg/pappg20_1/faqs_cps20_1.pdf in addition to the instructions in the PAPPG.

Chapter II.E.1 and 2, Rapid Response Research (RAPID) Proposal and EArly-concept Grants for Exploratory Research (EAGER) Proposal, have been supplemented with language which clarifies how RAPID and EAGER proposals may not be used. A new requirement that email documentation from a cognizant NSF Program Officer approving submission of a RAPID or EAGER be uploaded to the proposal also has been added.

As always, it is important to submit proposals at least two days prior to the deadline. This will be especially important if a researcher has failed to use any of the new requirements or formats, and NSF will not allow submission of the application until corrected.
**Salary Caps Have Increased!**

The AHRQ & NIH salary cap has changed from $192,300 to $197,300 effective January 5, 2020.

For AHRQ see NOT-HS-20-006 @ https://grants.nih.gov/grants/guide/notice-files/NOT-HS-20-006.html

For NIH see NOT-OD-20-065 @ https://grants.nih.gov/grants/guide/notice-files/NOT-OD-20-065.html

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**NOTICE – Update and Changes to NIH Continuous Submission Policy**

NIH released Notice Number NOT-OD-20-060 on January 24, 2020 with the purpose of alerting the scientific research community of plans to discontinue the practice of granting one-year continuous submission status to reviewers with recent substantial review service, which was earned by serving 6 times in an 18 month period.

Continuous submission eligibility for appointed members of NIH committees and other terms/requirements of the overall policy have not changed, with the exception that the deadlines for assignment to a given council round are defined in Table I (see link below).

Continuous submission eligibility covers appointed members of:

- Chartered NIH Study Sections
- NIH Boards of Scientific Counselors
- NIH Advisory Board or Councils
- NIH Program Advisory Committees

Eligibility begins on the date the appointment becomes active and continues for six weeks after the official date of retirement from the appointed committee service. Thus, if retirement from appointed service occurs June 30, continuous submission is permitted until August 16 of that year.

Continuous submission eligibility can be viewed in the reviewer’s eRA Commons Personal Profile, in the Reviewer Information section.

The list of currently eligible reviewers can be found on the NIH Continuous Submission page.

Please see link below for more details.


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**FORMS-F Application Packages:**

NIH has announced changes to the grant application form and application guide instructions for due dates on or after May 25, 2020.

The following application forms include substantive changes (i.e., new/deleted/modified fields). All other forms include only an OMB expiration date change.

- PHS 398 Career Development Award Supplemental Form
- PHS 398 Cover Page Supplement
- PHS Assignment Request form
- PHS Fellowship Supplemental Form
- PHS Human Subjects and Clinical Trials Information
- SBIR/STTR Information

NIH will post FORMS-F application packages as follows:

- New funding opportunity announcements (FOAs) will be posted with FORMS-F application packages beginning February 25, 2020.
- New FOAs posted before February 25, 2020 with initial due dates on or after May 25, 2020 will be posted without application forms until updated forms are available. Application packages will be added to these FOAs by March 25, 2020.
- All previously issued, active FOAs with due dates on or after May 25, 2020 (except administrative supplement, change of institution, and successor-in-interest Parent FOAs) will be updated to add FORMS-F application packages between February 25, 2020 and March 25, 2020.

See NOT-OD-20-026 for more details.

Facilities and Administrative Costs (F&A)

Myths VS. Facts

Direct research costs are what people generally think of when it comes to federal support of research projects. These costs normally include laboratory supplies, specific research equipment, salary support for researchers and lab personnel, and travel for conducting research or disseminating research results. This is the core of university research, and it is also where the bulk of the federal investment is spent.

To perform research on behalf of federal agencies, research institutions incur a variety of other significant costs for research projects that they otherwise would not incur, known as Facilities and administrative (F&A) costs. (Indirect costs) F&A costs are incurred in conducting or supporting research and service but they cannot be readily identified as benefiting particular research or service projects.

<table>
<thead>
<tr>
<th>Myth #1</th>
<th>The funds provided for direct costs cover all expenses related to project activities. Payment for F&amp;A is “extra” funding.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fact #1</td>
<td>Direct costs are assigned directly to a specific project or activity – e.g. salaries, supplies, travel etc.</td>
</tr>
<tr>
<td></td>
<td>F&amp;A costs are reimbursed for actual expenses incurred – use of space, facilities, equipment and administrative services.</td>
</tr>
<tr>
<td></td>
<td>There is a federally prescribed methodology used to negotiate and assign a fair portion of allowable costs to research F&amp;A. WSU’s F&amp;A rate is negotiated with the Department of Health and Human Services.</td>
</tr>
<tr>
<td></td>
<td>Direct and F&amp;A, together, are the real costs of doing research.</td>
</tr>
</tbody>
</table>

| Myth #2 | F&A reimbursements only support the institution’s infrastructure, providing little benefit to scientific research. |
|         |                                                                                                           |
| Fact #2 | F&A supports the space and infrastructure required to conduct cutting edge research. Researchers depend on and benefit greatly from institutional investments funded by F&A cost reimbursement. |

Continued…….
### F&A Myths VS. Facts, cont’d from pg. 7

<table>
<thead>
<tr>
<th>Myth #3</th>
<th>Fact #3</th>
</tr>
</thead>
<tbody>
<tr>
<td>If a non-government sponsor caps its F&amp;A reimbursement at 10%, the federal government is subsidizing the research.</td>
<td>Federal cost principles require that F&amp;A costs are allocated fully and consistently to all benefitting activities, regardless of whether a sponsor fully reimburses the institution. This ensures that all research is costed consistently. If a sponsor under reimburses F&amp;A, the institution is subsidizing the work. Non-federal sponsors often have special interests and operate under a different paradigm than federal agencies. F&amp;A cost rate limitations often can be mitigated by greater latitude in direct charging allowable items.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Myth #4</th>
<th>Fact #4</th>
</tr>
</thead>
<tbody>
<tr>
<td>An F&amp;A cost rate of 50% means that half of the funding goes to pay F&amp;A costs with the other half available for direct costs.</td>
<td>A 50% Rate does not equal 50 cents of the dollar to F&amp;A. F&amp;A cost rates are applied to the Modified Total Direct Costs (MTDC) of a project, which results in F&amp;A charges of no more than one-third of a project’s total costs. Typical MTDC exclusions are tuition, equipment over $5,000, subcontracts in excess of $25,000, participant costs, etc. Example: $100,000 is required to support a proposed project. Of which, $80,000 is MTDC. The total budget is calculated as follows: $80,000 (MTDC) X 50% = $40,000 $100,000 + $40,000 = $140,000 Total Project Costs F&amp;A = less than 30% of Total Project Costs.</td>
</tr>
</tbody>
</table>
Foreign Influence on U.S. academic institutions is the subject of much scrutiny at the federal level in recent months. Foreign influence is, broadly, focused on foreign visitors, collaborators, or sponsors using their access on campuses to capture intellectual property, confidential information, or other valuable information and return it to their home nation. The primary source of concern comes from China, but threats come from other countries as well.

Congress has become so concerned about the threats that they are passing legislation and pressuring funding agencies to take additional steps to discover potential problems. Of particular concern is the presence of Confucius Institutes and the Thousand Scholars programs on U.S. campuses. Both entities are funded by the Chinese government and are believed to act counter to U.S. national interests.

National news headlines have shown an increase in enforcement actions by the FBI, in particular the recent arrest of Harvard University’s Department of Chemistry chairperson for allegedly failing to disclose tens of thousands of dollars’ worth of payments from Chinese sources.1

U.S. researchers are required to disclose foreign funding sources and affiliations with any foreign organizations. Both the National Institutes of Health (NIH) and the National Science Foundation (NSF) have issued new guidelines or publications expanding on the importance of full disclosures. The NIH, in particular, has been very active in the last 18 months in confronting researchers and their U.S.-based universities. When submitting proposals or progress reports, be aware that NIH looks for any “foreign component” that is relevant to your grant activity – whether grant funds are spent or not. Activities that are considered a “foreign component” include:

- The involvement of human subjects or vertebrate animals at a foreign site.
- Extensive foreign travel by recipient project staff for the purpose of data collection, surveying, sampling, and similar activities;
- collaborations with investigators at a foreign site anticipated to result in co-authorship;
- use of facilities or instrumentation at a foreign site; or
- receipt of financial support or resources from a foreign entity.2

Wright State has several resources available for our faculty, staff, and students to help avoid a problematic situation. If you are performing research be sure to update your Significant Financial Interest (SFI) disclosure and include all foreign support and affiliations. Anyone seeking to host a foreign visitor should contact UCIE to begin the process, but Research Compliance has specific questions and software to assist faculty in vetting the visitor. Additional information can be found on the Office of Research Compliance website - https://www.wright.edu/research/research-compliance/foreign-influence-in-university-research

2019 - A YEAR OF CHANGE FOR THE WSU INSTITUTIONAL REVIEW BOARD (IRB)

Last year the human subject protection program at WSU experienced a decade’s worth of change. First, the revised Common Rule (Department of Health and Human Services regulations) was implemented as of January 21, 2019. This change was the first major revision to the regulations governing human subject research since 1991. (See Policies, Procedures and Forms for more information).

Second, long-time IRB Administrator Robyn Wilks retired in January. And finally, the Human Subjects Module in InfoED was updated in May causing substantive changes for both investigators and research administration staff.

However, despite these challenges and operating with just 1,375 FTEs in the IRB Office, the IRB and IRB Office was able to accomplish the following:

- 90 Full Board Submissions (Initial, Continuing, Amendments, Reportable Events, HUDs)
- 413 Expedited Submissions (Initial, Continuing, Amendments)
- 155 Exemption Determinations (New and Formerly Expedited Studies at Continuing Review)
- 28 Administrative Continuations (Formerly Expedited Continuations)
- 6 New/Revised Policies
- 6 New Guidance Documents
- 5 New IRB Member Orientations

This doesn’t include the miscellaneous submissions, non-compliance reviews, reliance agreement negotiations or training and outreach activities that also took place during 2019.

Needless to say, it was a very busy year! Please thank your fellow IRB members for all their hard work!

In 2020, we plan to continue to update/create IRB SOPs and provide more written guidance for investigators. We also hope to complete the first phase of the ongoing project to have investigator’s CVs and CITI training information available via the electronic Personnel Table in InfoED. This will not only ensure compliance with federal requirements but will also ease the burden on investigators whose “credentials” will follow them in the system, rather than needing to be uploaded for each study.

Efforts will continue to fill the open position in the IRB Office with an appropriately qualified candidate – which we hope will happen before the end of the semester.

Once the Personnel Table Project is completed, we will focus available effort on finalizing and formally launching the External Reliance Process, including new related SOPs and guidance documents.

Many thanks to the investigators and research staff who worked with us to improve the process during this time of great change. We really appreciate your cooperation, hard work and sense of humor!

Ask the WSU IRB

Q: Why does the IRB require that a current CV be on file for study investigators?
A: Federal regulations and current scientific norms require that the IRB ensure that researchers conducting the study have the appropriate experience and training to conduct and supervise the proposed activities. The IRB may also need to assess credentials if the study involves “higher risk, vulnerable subjects, or novel technologies.”

Q: I am a faculty member and a physician and want to conduct a chart review at a local hospital. Do I need to complete the NEW “Biomedical” or the “Social/Behavioral” CITI training requirements?
A: Chart reviews are considered biomedical research and so you will be required to complete the four required modules listed in the instructions found here: https://www.wright.edu/sites/www.wright.edu/files/page/attachments/WSU20HSR20CITI20Training20Requirements%204.0%2011122019.pdf

Continued.......
WSU IRB, cont’d from Pg. 10...

Q: My study team attached a completed Project-Specific Disclosure (PSD) form with our new study submission, but now we have received a notice that three of the study team members have not completed the SFI Form. What is the difference?

A: The annual Significant Financial Interest (SFI) form is required for certain investigators and can be accessed via an individual’s RSP Gateway account. The SFI form asks the individual to disclose all financial interests related to their institutional responsibilities. The PSD Form, on the other hand, is a study-specific form and contains language that requires that the investigator must update their SFI Form should their interest change during the course of a study instead of completing a new PSD at each continuing review. Therefore, if the investigator doesn’t have an SFI Form on file, the investigator cannot be compliant with this requirement. For more information about this requirement, read the guidance found on the IRB’s Policies, Procedures and Forms webpage.
AWARDS

The grants and contracts on these pages were awarded from July 2018 through December 2019.
Award amounts may reflect one or more years/increments.

Keferl, Joseph E.
Dayton Regional Science, Technology, Engineering, and Mathematics School
Services Agreement
Dayton Regional Science, Technology, Engineering, and Mathematics (STEM) School
$7,689,530

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

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

Edwards, Sue
Ohio Articulation and Transfer
Ohio Department of Higher Education
$6,000

Edwards, Sue
Articulation and Transfer 2019/2020
Ohio Department of Higher Education
$1,136,606

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

Mott, Robert
CTRA - CDIFF
Sanofi Pasteur, Inc.
$352,578

Terry, John B.
MISTIE III: A Phase III, Randomized, Open Label, 500-Subject Clinical Trial of Minimally Invasive Surgery Plus rt-PA in the Treatment of Intracerebral Hemorrhage
Johns Hopkins University
$19,211

Shaw, Arnab K.
LADAR Technology and Research
Leidos, Inc.
$33,500

Paul, Kimberly A.
NCI Award Under DCOP Fiscal Agency Agreement
Dayton Clinical Oncology Program
$783,697

Nevels, Dieter
Miscellaneous Awards Under DCOP Fiscal Agency Agreement
Dayton Clinical Oncology Program
$4,149

Paul, Kimberly A.
Miscellaneous Awards Under DCOP Fiscal Agency Agreement
Dayton Clinical Oncology Program
$55,086

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

Elbasiouny, Sherif M.
Mechanisms Underlying Excitability Regulation of Motoneuron Types in ALS
DHHS, National Institute of Neurological Disorders and Stroke
$388,278

Rigling, Brian D.
Garber, Fred D.
Saville, Michael
Ash, Joshua Noel
Wischgoll, Thomas
Rizki, Mateen M.
Sensor and Information Research Center for Understanding Systems (SIRCUS)
DoD, Air Force, Air Force Research Laboratory
$275,500

Dockery, Jane L.
Evaluation of Northwest State Community College's Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grant
Northwest State Community College
$8,802

Long, Weiwen
ERK3 Kinase Signaling in Lung Cancer
DHHS, National Cancer Institute
$666,943

Rooney, Thomas
Establishing a Scientific Basis for Garlic Mustard Control and Eradication on Private Lands
Dairymen's Foundation, Wisconsin
$18,000

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.
Rigling, Brian D.
Collaborative Research: I/UCRC Center for Surveillance Research, Phase II
NSF, Industry/University Cooperative Research Grants
$87,200

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

Rigling, Brian D.
Collaborative Center for Surveillance Research, Phase II
More Than One Source of Support
$200,000

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

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

Andersh, Dennis J.
Human Performance Center of Excellence
Ohio Development Services Agency
$869,001

Wischgoll, Thomas
Saunders, Vance M.
Center for Virtual and Cyber-Physical Systems
Ohio Department of Higher Education
$590,348

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

Juvina, Ion
Harel, Assaf
Lapses of Attention Predicted in Semi-Structured Ecological Settings (LAPSES)
DoD, Office of Naval Research
$57,164

Travers, Jeffrey B.
CTRA - MAVIS
Polynoma LLC
$16,775

Zhuang, Yan
Growth and Characterization of Multiferroic Materials
Azimuth Corporation
$35,978

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

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

Hangartner, Thomas N.
Renal Osteodystrophy: A Fresh Approach
University of Kentucky
$5,512

Rigling, Brian D.
Garber, Fred D.
Saville, Michael
Shaw, Arnab K.
Wischgoll, Thomas
SIRCUS TO2: Comprehensive Learning Objectives for Warfighter Needs (CLOWN)
DoD, Air Force, Air Force Research Laboratory
$1,825,000

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
$295,924

Rigling, Brian D.
Palmer, Luther R.
Garber, Fred D.
Saville, Michael
Shaw, Arnab K.
Wischgoll, Thomas
SIRCUS TO2: Comprehensive Learning Objectives for Warfighter Needs (CLOWN)
DoD, Air Force, Air Force Research Laboratory
$170,000

Minnery, Brandon S.
Sheth, Amit
Shalin, Valerie L.
Maximizing the Collective Intelligence of a Network Using Novel Measures of Socio-Cognitive Diversity
DoD, Army Research Office
$32,309

Wolff, J. Mitch
Aeromechanical Investigation of Turbine Engine High Speed Compressors-Phase I/Phase II
Universal Technology Corporation
$29,380
Doom, Travis E.  
*Updating Skeletal Maturity Methods for U.S. Children*
University of Missouri  
$25,995

Daniulaityte, Raminta  
Carlson, Robert G.  
Nahhas, William A.  
*A Natural History Study of Buprenorphine Diversion, Self-Treatment, and Use of Drug Abuse Treatment Services*  
DHHS, National Institute on Drug Abuse  
$459,960

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

Broderick, Timothy J.  
Kadakia, Madhavi P.  
Raymer, Michael L.  
*Precision High Intensity Training through Epigenetics (PHITE)*  
DoD, Office of Naval Research  
$2,985,786

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

Bae, Harok  
*Stochastic Metamodelling for Design Validation*  
Southwestern Ohio Council for Higher Education  
$19,855

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

Sanders, Donikea R  
*GEAR UP Scholarship*  
Ohio Department of Higher Education  
$14,600

Harel, Assaf  
*The Role of Dynamic Representational Networks in Expertise in Visual Scene Recognition*  
DoD, Office of Naval Research  
$164,460

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

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

Look, David C.  
*Electrical and Optical Characterization*  
Wyle Laboratories  
$460,381

Kinzeler, Nicole  
*Peer Movement Project (PMP)*  
DHHS, Substance Abuse and Mental Health Services Administration  
$494,196

Gross, David C.  
*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*  
DoD, Air Force, Air Force Research Laboratory  
$496,575

Travers, Jeffrey B.  
*Laboratory Animal Resources Care*  
Veterans Affairs Medical Center  
$19,200

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  
$116,738

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

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

Everhart, Kim  
*PELL Grant Program 2017/2018*  
U.S. Department of Education  
$2,969

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

Mott, Robert  
*Clinical Research Affiliation and Operations Agreement CY17 - CY18*  
Premier Health Partners  
$1,457,520

Mott, Robert  
*Clinical Research Coordinator Staffing Agreement at Miami Valley Hospital CY18*  
Premier Health Partners  
$333,682

Mott, Robert  
*Clinical Nurse to Support Miami Valley Hospital Department of Surgery CY17*  
Premier Health Partners  
$32,452
Huber, Mary Josephine

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

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
$50,000

Sucosky, Philippe
Identification and Assessment of Hemodynamic Predictors of Bicuspid Aortic Valve Aortopathy
American Heart Association - Great Rivers Affiliate
$76,998

Polenakovik, Hari M.
CTRA - TOUR

Theravance, Inc.
$2,500

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

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
$294,000

Roman, Brenda
Wright Rural Health Initiative Implementation Proposal
HealthPath Foundation of Ohio
$80,000

Bae, Harok
Probabilistic Design Criteria for Decision Making with Uncertainty
University of Dayton
$109,642

Farajian, Amir
Wirth, Lucas J
First Principles Calculations of Solution Hardening Kinetics
Dayton Area Graduate Studies Institute
$52,260

Polenakovik, Hari M.
CTRA - DEFINE
Melinta Therapeutics, Inc.
$16,603

Binder, Stephen Bruce
Bowman, Marjorie A.
Accelerating Primary Care Transformation Wright (APCT-Wright)
DHHS, Health Resources and Services Administration
$598,823

Cheatham, Michelle Andreen
Shimizu, Cogan M
KAST – Knowledge Analytics using Semantic Technologies
Dayton Area Graduate Studies Institute
$17,420

Elbasiouny, Sherif M.
Integrated Sense, Assess and Augment (ISAA)
Wright State Applied Research Corporation
$271,578

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

Jacquemin, Stephen James
Nutrient and Sediment Retention Potential by Controlled Pond and Riparian Tile Buffer Systems
Ohio Environmental Protection Agency
$11,899

Rigling, Brian D.
Performance Understanding for Layered Sensing Exploitation: Valuable Insights Through Analysis of Layered Sensing
InfoSciTex
$100,000

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

Huang, George
A Thermo-fluids Analysis of Aircraft Thermal Energy Management and Precision Airdrop
Dayton Area Graduate Studies Institute
$92,000

Fox, Jane Lee
MAVEN Extended Mission Phase F
University of Colorado
$358,746
Jackson, Paul  
**Wright Brothers Institute Operations**  
Wright Brothers Institute, Inc.  
$84,289

Leffak, I. Michael  
*Mechanisms of Microsatellite Instability in Human Disease*  
DHHS, National Institute of General Medical Sciences  
$600,000

Jacquemin, Stephen James  
*Nutrient and Sediment Retention Potential of Treatment Trains in Grand Lake St. Marys Watershed*  
St. Marys Community Foundation  
$51,399

Li, Sheng  
*Refinement of OSU's Scuffing Models for Lubricated Rough Surface Contacts of Rollers and Gears*  
Ohio State University  
$110,000

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

Littell, Timothy Jason  
Gallagher, John C.  
**Choose Ohio First Continuing Scholar Program FY2020**  
Ohio Department of Higher Education  
$120,000

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

Shalin, Valerie L.  
**ASSET 3 Support**  
University of Maryland  
$49,978

Wu, Zhiqiang  
*Travel reimbursement for C2PNT FRN Cycle II Intelligent Channel Sensing*  
Ohio University  
$765

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

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

Mukhopadhyay, Sharmila M.  
*EAGER: Novel Bio-inspired 3D Hybrid Materials for Surface-Active Devices*  
NSF, Miscellaneous  
$12,000

Pollock, Sara  
*Regularized adaptive methods for classes of nonlinear partial differential equations*  
NSF, Miscellaneous  
$42,950

Brown, Joylynn M.  
Hill, Sara Jane  
*Wright State Men's Basketball Improvement Fund FY2019*  
Horizon League  
$175,834

Di Fulvio, Mauricio  
*Role of Slc12a5 in insulin secretion and glucose homeostasis*  
DHHS, National Institute of Diabetes and Digestive and Kidney Diseases  
$262,500

Merrill, Brian M.  
*Community General Psychiatry*  
Ohio Department of Mental Health and Addiction Services  
$15,000

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

Dudley, Emily S.  
*Biopsy Study*  
Devicor Medical Products, Inc.  
$52,066

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

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

Barnhart, Amy  
*PELL Grant Program 2018/2019*  
U.S. Department of Education  
$16,126,646

Dudley, Emily S.  
*Sinclair Training*  
Sinclair Community College  
$5,268
Romine, William L.  
*Strengthening Middle School Science and Health Education by Linking Grade-Level Inquiry and Reading of Complex Tasks*
University of Missouri  
$26,540

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

Leaman, Douglas  
*Reducing Impacts of Disease on Salmonid Aquaculture Production*
University of Toledo  
$287,000

Gross, David C.  
*Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)*
DoD, Air Force, Air Force Research Laboratory  
$797,500

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

Chen, Keke  
*An Open Cloud-based Platform for Extensible and Scalable Immune Repertoire Analysis in Immunization and Infection*
ImmuDX LLC  
$74,551

Broderick, Timothy J.  
*Creating Surgical Capabilities for Exploration Space Flight*
Baylor College of Medicine  
$30,759

Bourbakis, Nikolaos G.  
*A Holistic Automatic Deep Understanding and Protection of Technical Documents*
DoD, Office of Naval Research  
$250,000

Zhang, Junjie  
Ganapathy, Subhashini  
Saunders, Vance M.  
*Training for Resilient Cyber Physical Systems Design, Development, and Testing*
Knowledge Based Systems, Inc.  
$113,303

Mott, Robert  
*CTRA - Inform CLL*
Pharmacyclics LLC  
$18,523

Rigling, Brian D.  
*Science, Technology and Research for Exploiting Sensor Systems (STRESS)*
DoD, Air Force, Air Force Research Laboratory  
$2,059,246

Elbasiouny, Sherif M.  
*Identification of Electrophysiological Markers for Early Diagnosis of Amyotrophic Lateral Sclerosis*
National Academy of Sciences  
$75,196

Knisely, Christina B  
*Veterans Affairs Medical Center IPA Agreement - Knisely*
Veterans Affairs Medical Center  
$69,330

Williams, Amy R  
*Veterans Affairs Medical Center IPA Agreement - Williams*
Veterans Affairs Medical Center  
$48,195

Kozlowski, Gregory  
Fletcher, Aaron T.  
*Advanced Optical Materials for Next Generation High Powered Lasers*
Dayton Area Graduate Studies Institute  
$52,260

Roberts, Rory A.  
Ellicott, Andrew  
*Development of a Vehicle Level Integration Tool for Aircraft Energy Management*
Dayton Area Graduate Studies Institute  
$43,073

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

Wang, Jinju  
Bihl, Ji Chen  
*The regulatory effect of exercise on circulating EPC-EXs and its implication in ischemic stroke*
American Heart Association - National  
$110,456

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

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

Warfield, Janeece  
*SOPP Internship: CompDrug FY2019*
CompDrug  
$16,000

Warfield, Janeece  
*SOPP Internship: Miami County Juvenile Court FY2019*
Miami County Juvenile Court  
$16,000
Warfield, Janeece
*SOPP Internship: Summit BHC FY2019*
Summit Behavioral Healthcare
$16,000

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: Children's Hospital Medical Center - Center for ADHD FY2019*
Children’s Hospital Medical Center (Cincinnati)
$30,000

Schultz, Michelle S.
*SOPP Practicum: CompDrug FY2019*
CompDrug
$8,320

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

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

Schultz, Michelle S.
*SOPP Practicum: Summit BHC FY2019*
Summit Behavioral Healthcare
$9,000

Schultz, Michelle S.
*SOPP Practicum: UD Counseling Center FY2019*
University of Dayton
$12,400

Boaz, Matt
*Ohio/Western Pennsylvania/West Virginia HERC Consortium 2018-2019*
Tides Center
$84,754

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

Chung, Soon M.
Crossman, Nathaniel
*Clustering and Visualization of Geotagged Text Data for Crisis Management*
Dayton Area Graduate Studies Institute
$52,260

Kinzel, Nicole
*Evaluation Services for Montgomery County Juvenile Court*
Montgomery County Juvenile Court
$23,310

Young, Henry Daniel
Srinivasan, Raghavan
*Support for ASM International Teacher's Materials Camp in the Dayton Metro Region*
DoD, Air Force Office of Scientific Research
$12,600

Juvina, Ion
*Goal-driven Agile Teams and Environments (GATE)*
Wright State Applied Research Corporation
$70,895

Schneider, Tamera
*Human-Centered Science Laboratory (HCSL) Support of AFRL Activities*
Wright State Applied Research Corporation
$5,000

Thomas, Scott Keith
Phillipp, Michael J
*Analysis of Requirement or Specification of a Rotational Stage for the Centrifuge Table at AFRL*
Ohio Space Grant Consortium
$6,000

Wolff, J. Mitch
*Ohio Space Grant Consortium Campus Allocation Funds 18-19*
Ohio Space Grant Consortium
$2,200

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

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

Dockery, Jane L.
Murray, Carol S.
OCTF Regional Surveys and Dashboard Development
Ohio Department of Job and Family Services
$7,767

Dockery, Jane L.
Murray, Carol S.
Southwest Ohio Regional Prevention Coordinator Proposal
Ohio Department of Job and Family Services
$1,163,992

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

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

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

Dockery, Jane L.
Murray, Carol S.
Greene County Juvenile Court RECLAIM: Evaluation and Quality Assurance Project
Greene County Juvenile Court
$39,916

Hitzler, Pascal
Toward Undifferentiated Cognitive Agents: Determining Gaps in Comprehension
DoD, Air Force Office of Scientific Research
$298,535

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

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

Barnhart, Amy
$144,354

Tsang, Pamela S.
Support for the 20th International Symposium on Aviation Psychology
NSF, Miscellaneous
$27,142

Sucosky, Philippe
Shear forces regulate endothelial and fibroblast cross talk via inflammation to produce fibrosis
William Marshall Rice University
$144,503

Thackeray, Jonathan D
Clinical Consultant for SIM Self-Evaluation
Ohio State University
$27,516

Nahhas, Ramzi
Ohio Opioid Analytics Project, RW
Ohio State University
$44,873

Hall, Ashley Elizabeth
Writing Experience and Outcomes of Dual Enrollment Writing Students: A State-Wide Study
Council of Writing Program Administrators
$3,800

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

Raymer, Michael L.
Research and Development Analytics and Landscape Mapping to Improve and Accelerate Technology Transfer (WSARC_17_0052)
Wright State Applied Research Corporation
$37,500

Wissman, Amy
Rouhana, Laura
Culture Clash: An Alternative Model for Microbiology Instruction
American Society of Clinical Pathology
$2,500
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

Wolff, J. Mitch
Ohio Space Grant Consortium Undergraduate Scholarship - 2018-2019
Ohio Space Grant Consortium
$8,000

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.
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

Susuki, Keiichiro
Disruption of excitable axonal domains by glucose metabolite methylglyoxal
DHHS, National Institute of Neurological Disorders and Stroke
$390,200

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

Zhang, Xinhui
Jewelry and watch retail auction data analytics and marketing design
Peden Consulting
$120,000

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

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

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

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

Roberts, Rory A.
Compact Thermal Management System for Laser Systems
Spectral Energies, LLC
$50,000

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

Fowler, Barbara A.
Workforce and Leadership Development of U.S. Minority Nurses in Public Health Departments
American Nurses Foundation
$5,000

Roberts, Rory A.
Design and Fabrication of an External Combustor for a JetCat Turbojet Engine
Universal Technology Corporation
$12,500

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

Ford, JoAnn
Day-TREE
DHHS, Substance Abuse and Mental Health Services Administration
$1,060,955

Reo, Nicholas V.
Mechanistic Interpretations of Hypobaria and Hyperoxia using Metabolomics and Proteomics
Henry M. Jackson Foundation
$70,551

Smith, Sherrill Jeanne
Military Medic Training and Nursing Transition Course
Ohio Department of Higher Education
$2,800

Elbasiouny, Sherif M.
Identification of Electrophysiological Markers for Early Diagnosis of Amyotrophic Lateral Sclerosis
National Academy of Sciences
$2,347
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

Ekeh, Akpofure P.
Walusimbi, Mbaga
Woods, Randy J.
McCarthy, Mary C.
Semon, Gregory R
CTRA - REAKT

Atox Bio, Ltd.
$97,320

Mott, Robert
CTRA - PASSAGE

Novartis Pharmaceuticals Corporation
$53,356

Gainer, Danielle M
Rural General Psychiatry

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

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

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

Biesemeyer, Destinee N.
Rando, Robert A.
Ensuring wraparound survivor support through the integration of awareness and response systems
Ohio Office of the Attorney General
$134,355

Mathis, Tonya
Ohio/Western Pennsylvania/West Virginia HERC Consortium 2018-2019
Tides Center
$4,416

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

Wischgoll, Thomas
Dynamic Collaborative Visualization Ecosystem (DynaCoVE)
Universal Technology Corporation
$30,000

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

Pei, Yong
Collaborative Communication Interruption Management System (C-CIMS)

Ball Aerospace
$69,999

Sherwood, Matthew Scott
Cerebral Hemodynamic Studies of Hypoxia and Fatigue

DoD, National Naval Medical Center
$500,797

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

Kaminski, Jennifer A.
Intelligent Diagnostic Assessment Platform for School Statistics Education
University of Notre Dame
$105,937

Traynor, Thomas L.
Short Term Certificate Grant Program
Ohio Department of Higher Education
$70,263

Pei, Yong
$10,000

Eustace, Rosemary
Pilot Testing of the PEERS PLUS Intervention for At-risk Beginning Baccalaureate Nursing Students
Ohio Council of Deans and Directors
$2,000

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

Hammerschmidt, Chad R.
Knauss Marine Policy Fellowship Application
Ohio State University
$66,500

VandenBos, Toni
Dewey, Dawne
Conservation Treatment of Wright Brothers Collection Artifacts
State Library of Ohio
$4,999
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<td>Improving soil health to increase plant production and quality on dredged material</td>
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<td>An Interactive Game for Cultural Proficiency Training Featuring Virtual Reality Immersion</td>
<td>Ohio State University</td>
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<td>Metabolomics Analyses of Fecal Extracts in a 'Humanized' Microbiome Mouse Model of Toxicant Exposure</td>
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<td>Selective Regulation of Distal Nephron Sodium Handling by Calcineurin Isoform</td>
<td>American Heart Association - National</td>
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<td>Kinzeler, Nicole</td>
<td>The Warriors Supporting Wellness (WSW) Project</td>
<td>Montgomery County ADAMH Services Board</td>
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<td>Martin, Bryan M.</td>
<td>ACHIEVE: A Chance to Have and Improve the Experience and Value of Education</td>
<td>U.S. Department of Education</td>
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<td>Thomas, Scott Keith</td>
<td>SAE Aero Design</td>
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<td>Edwards, Sue</td>
<td>Support for Position of Senior Associate Director, SCTAI, FY2019</td>
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<td>Support for the Scaling Guided Pathways Grant Project</td>
<td>Ohio Department of Higher Education</td>
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<td>Banerjee, Tanvi</td>
<td>SCH: INT: Collaborative Research: Development and Analysis of Integrative Models for Chronic Pain</td>
<td>Northwestern University</td>
<td>$82,500</td>
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<td>Ren, Saiyu</td>
<td>Advanced Analog to Digital Converter (ADC) for GPS Receivers, Phase II SBIR</td>
<td>RBS Technologies, LLC</td>
<td>$150,000</td>
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<td>The Warriors Supporting Wellness (WSW) Project</td>
<td>Montgomery County ADAMH Services Board</td>
<td>$12,500</td>
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Dockery, Jane L.
CHA/CHNA Report Template and Guidance
Preble County General Health District
$119,805

Barnhart, Amy
Supplemental Educational Opportunity Grant Program (SEOG) 2019/2020
U.S. Department of Education
$424,368

Everhart, Kim
Supplemental Educational Opportunity Grant Program (SEOG) 2019/2020
U.S. Department of Education
$1,718

Barnhart, Amy
PELL Grant Program 2019/2020
U.S. Department of Education
$1,222,942

Everhart, Kim
Pell Grant Program 2019-2020
U.S. Department of Education
$7,848,121

Baudendistel, Craig M.
McCarther, Josiah W
OSGC Student Innovation Hands-On Project
Ohio Space Grant Consortium
$5,000

Park, Penny S
The Celebrative Spirit: 1937-1943
FotoFocus
$3,500

Edwards, Sue
Travel Support for Perkins SCTAI/CT2 Compliance, FY19
Ohio Department of Higher Education
$2,000

Zhong, Quan
Research Support for Visiting Research Scholar
Nanfang Hospital, Southern Medical University
$51,990

Shaw, Arnab K.
Advanced Ladar Technology and Research (ALTAR): Algorithm and Simulation Support for Laser Radar
Leidos, Inc.
$44,809

Rigling, Brian D.
Palmer, Luther R.
Garber, Fred D.
Saville, Michael
Shaw, Arnab K.
Wischgoll, Thomas
SIRCUS TO2: Comprehensive Learning Objectives for Warfighter Needs (CLOWN)
DoD, Air Force, Air Force Research Laboratory
$255,000

Foster, Brandy
Optimization of Human Capital Program Human Attribute Taxonomy Development
Bowling Green State University
$223,479

Ciarallo, Frank W.
Text and Evaluation of Reliability of Human-Machine Systems via Simulation
MacAulay-Brown, Inc.
$74,999

Hershberger, Paul J.
Bricker, Dean
Crawford, Timothy
Wilson, Josephine F.
Martensen, Lora A
Western Ohio Wright SBIRT (WOWS)
Ohio Department of Mental Health and Addiction Services
$166,000

Meyer, Cheryl
Research Evaluation Enhancement Projects (REEP) - IM HUB 19-11
Ohio Commission on Minority Health
$50,000

Terry, John B.
CTRA - CSPC

Polenakovic, Hari M.
CTRA - FLU IGIV
Emergent BioSolutions Canada Inc.
$55,247

Ganapathy, Subhashini
Human Machine Teaming for Collaborative Decision Making
Wright State Applied Research Corporation
$16,700

Harel, Assaf
EEG-Based Neurocognitive Metrics of Situated Cognitive Human-Machine Interactions
Wright State Applied Research Corporation
$16,700

Doran, Derek Edmund
Intelligent Aggregation of Geopolitical Event Forecasts from Limited Sized Crowds
Wright State Applied Research Corporation
$16,700

Rich, Mark M.
Voss, Andrew A.
Block of TRPV4 channels as a novel approach to therapy of myotonia congenita
Muscular Dystrophy Association
$300,000
Brown, Thomas L.  
*The maternal-fetal adiponectin differential and fetal fat deposition*  
University of California, San Diego  
$9,000

Kemp, Michael  
*DNA damage response kinase signaling in non-replicating human cells and tissues*  
DHHS, National Institute of General Medical Sciences  
$292,000

Lawhorne, Larry Wayne  
Solomon, Glen D.  
*MEDTAPP Ohio Cardiovascular Disease Value Collaboration*  
Case Western Reserve University  
$112,998

Solomon, Glen D.  
*MEDTAPP Ohio Cardiovascular Disease Value Collaboration*  
Case Western Reserve University  
$11,015

Chen, Keke  
*Graph Mining Algorithms and Visulaization Techniques for Analyzing Large-Scale Complex Provenance Data*  
Wright State Applied Research Corporation  
$16,700

Arumugam, Kuppuswamy  
*Functional hybrid metallopolymer architectures for nonlinear optical applications*  
Wright State Applied Research Corporation  
$16,700

McGowin, Audrey E.  
*Analysis of municipal water source samples for the City of Wilmington, Ohio*  
City of Wilmington  
$530

Cox, Michael T.  
*S&AS: INT: Collaborative: Goal-driven Marine Autonomy with Application to Fisheries Science and Management*  
NSF, Miscellaneous  
$299,997

Arunugam, Kuppuswamy  
*Controlling Sequential Arrangement of Monomers in Triblock Copolymers with Ruthenium Catalysts Containing Tetrafluorethylene-N-H*  
Petroleum Research Fund - American Chemical Society  
$70,000

Hall, Ashley Elizabeth  
Ware, Jennifer (Jen)  
*Sustainable Pathways: Transforming Educational Activities through Media (TEAM)*  
Wright State Applied Research Corporation  
$16,700

Davis, Stephanie  
Brun, Carl F.  
*The overall success of students who transferred career-technical (CTAG) credit to Wright State University*  
Ohio Department of Higher Education  
$2,000

Brun, Carl F.  
*Establishment of a West Regional Transfer Group for Exploring Transfer Best Practices*  
Ohio Department of Higher Education  
$3,000

Dustin, Jack L.  
*Campus Election Engagement Project*  
Ohio Campus Compact  
$248

Williams, Clintoria  
*Roles of calcineurin isoforms in renal regulation of blood pressure*  
DHHS, National Institute of Diabetes and Digestive and Kidney Diseases  
$344,420

Kinzeler, Nicole  
*GPRA Training, Data Collection, and Reporting for the Ohio Medication Assisted Treatment - Prescription Drug and Opioid Addiction (Ohio MAT PDOA) Project*  
Ohio Department of Mental Health and Addiction Services  
$127,735

Kinzeler, Nicole  
*Project Save Evaluation*  
Montgomery County ADAMH Services Board  
$35,000

Susuki, Keiichiro  
*Disruption of excitable axonal domains by glucose metabolite methylglyoxal*  
DHHS, National Institute of Neurological Disorders and Stroke  
$341,425

Littell, Timothy Jason  
*Conversations on Student Success: Building Momentum for Clear Pathways to Academic Success and Equity*  
Ohio Department of Higher Education  
$19,000

Rich, Mark M.  
Voss, Andrew A.  
*Novel Approaches to Therapy of Muscle Ion Channelopathies*  
DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases  
$537,978

Cates, Elizabeth E.  
*Dayton Veterans Affairs Medical Center IPA Agreement*  
Veterans Affairs Medical Center  
$31,491

Hammerschmidt, Chad R.  
*Water Sample Analysis*  
University of Mississippi  
$3,890
Duby, John C.  
*Kinship Navigator Consortium FY 2019*  
Montgomery County Department of Job and Family Services  
$90,964

Andersh, Dennis J.  
Hall, Ashley Elizabeth  
*The Dayton Metro Plan for Economic Diversity Phase II*  
DoD, Office of Economic Adjustment  
$1,845,337

Mott, Robert  
*Clinical Research Affiliation and Operations Agreement CY19 - CY21*  
Premier Health Partners  
$2,418,405

Mott, Robert  
*Clinical Research Coordinator Staffing Agreement at Miami Valley Hospital CY19 - CY21*  
Premier Health Partners  
$2,912,150

Daniels, Jennifer L  
*CTRA - ODYSSEY EXTENSION*  
Regeneron Pharmaceuticals Inc.  
$45,900

Kadakia, Madhavi P.  
*CTRA - ODYSSEY EXTENSION*  
Regeneron Pharmaceuticals Inc.  
$9,000

Ramirez-Vick, Jaime E  
Gockel, Joy E.  
Srinivasan, Raghavan  
Nosoudi, Nasim  
*Low Vacuum Field Emission Scanning Electron Microscope (LVFESEM + EBSD + STEM) and a Low-Angle X-Ray Diffraction Instrument for Core Microstructural Characterization*  
DoD, Air Force Office of Scientific Research  
$1,106,865

Wolff, J. Mitch  
Acton, Marcus J  
*An Experimental Investigation into the Effect of Inlet Swirl on the Compression System of a Jet Engine*  
Dayton Area Graduate Studies Institute  
$52,260

Wolff, J. Mitch  
*CFD Analysis of a Celestial Icosahedron Shaped Vacuum Lighter than Air Vehicle*  
MacAulay-Brown, Inc.  
$22,680

Hitzler, Pascal  
Schmidt, Daniel P  
*Identifying Common Sense Comprehension Gaps of Undifferentiated Adaptive Cognitive Agents*  
Dayton Area Graduate Studies Institute  
$44,130

Winkler, Jonathan Reed  
*Teaching Substitute Reimbursement for Arvind Elangovan Special Fellowship*  
University of Erfurt  
$15,166

Gordon, Seth E.  
*Veterans Across the Spectrum: Transition to Transformation*  
Ohio Humanities  
$18,000

Schroeder, Noah L.  
*Exploring an Expanded Theory of Multimedia Learning for Supporting Distributed Learning*  
Arizona State University  
$73,507

Subban, Jennifer  
*National Issues Forum: "A Nation In Debt"*  
C.F. Kettering Foundation  
$150

Gockel, Joy E.  
*Achievable Microstructures Through Multi-Beam Additive Manufacturing*  
Ohio Space Grant Consortium  
$9,000

Bennett, Eric S.  
*Collaborative Research: Data-driven integration of biological with in-silico experiments to determine mechanistic effects of N-glycosylation on cellular electromechanical functions*  
NSF, Miscellaneous  
$773,970

Wilson, Josephine F.  
*Disability and Rehabilitation Research Program*  
DHHS, Administration for Community Living  
$489,956

Houpt, Joe  
*Collaborative Research: Determining the fundamental cognitive properties of decision making*  
NSF, Miscellaneous  
$239,880

Sharma, Amit Raj  
*Applications in Computational and Experimental Electromagnetics (ACE-EM)*  
Wright State Applied Research Corporation  
$86,000

Saville, Michael  
*Passenger and Baggage Simulation for Synthetic Image Generation (PASSIG)*  
Innovision LLC  
$28,367

Tichnell, Tracey Ann  
*Qualitative Analysis of Parent Education Focus Groups for Stark County ESC*  
Stark County Educational Service Center  
$3,311
Kinzeler, Nicole  
*GPRA Training, Data Collection and Reporting for the Ohio State Opioid Response (SOR) Project*
Ohio Department of Mental Health and Addiction Services  
$560,199

Schultz, Michelle S.  
*SOPP Practicum: Center for Adolescent Services FY2020*
Center for Adolescent Services  
$9,000

Schultz, Michelle S.  
*SOPP Practicum Training: Central Clinic: FY2020*
Central Clinic  
$8,000

Schultz, Michelle S.  
*SOPP Practicum: Cordell Associates, LLC FY2020*
Cordell & Associates  
$12,000

Schultz, Michelle S.  
*SOPP Practicum: Court Clinic Forensic Services FY2020*
Court Clinic Forensic Services  
$9,000

Schultz, Michelle S.  
*SOPP Practicum: Hearthstone Psychology FY2020*
Heathstone Psychology  
$10,000

Schultz, Michelle S.  
*SOPP Practicum: Kline and Associates - FY20*
Kline and Associates  
$8,000

Schultz, Michelle S.  
*SOPP Practicum Training: New Creations Counseling Center FY20*
New Creations Counseling Center  
$7,000

Schultz, Michelle S.  
*SOPP Practicum: New Creations Counseling Center FY2020*
Self Matters LLC  
$2,400

Schultz, Michelle S.  
*SOPP Practicum Training - South Community Mental Health Center - FY2020*
South Community Mental Health Center  
$16,000

Schultz, Michelle S.  
*SOPP Practicum: University of Cincinnati FY2020*
University of Cincinnati  
$16,300

Schultz, Michelle S.  
*SOPP Practicum Training FY20 - University of Dayton Counseling Center*
University of Dayton Counseling Center  
$12,400

Schultz, Michelle S.  
*SOPP Clinical Traineeship*
Montgomery County ADAMH Services Board  
$62,000

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

Warfield, Janeece  
*SOPP Internship: CompDrug FY 2020*
CompDrug  
$16,000

Warfield, Janeece  
*SOPP Internship: Miami County Juvenile Court FY 2020*
Miami County Juvenile Court  
$16,000

Warfield, Janeece  
*SOPP Internship: Summit Behavioral Healthcare FY 2020*
Summit Behavioral Healthcare  
$16,000

Brun, Carl F.  
*Ohio Mathematics Bridges to Success*
Ohio Department of Higher Education  
$30,000

Meyer, Kathryn B  
*University of Dayton Roesch Library Archives Public History Internship*
University of Dayton  
$7,680

Wolff, J. Mitch  
*Roberts, Rory A. OSGC Undergraduate Summer Internships*
Ohio Space Grant Consortium  
$14,600

Wiehe, Michael R.  
*Tichnell, Tracey Ann Dockery, Jane L. Greene, Inc. Strategic Plan*
Greene, Inc.  
$27,779
Daniulaityte, Raminta
_Crystal in the Gem City: Characterizing a Methamphetamine Outbreak in the Area of a High Prevalence of Illicit Fentanyl Use_

DHHS, National Institute on Drug Abuse
$227,814

Rigling, Brian D.
_Synthesis, Exploitation, Analysis, and Belief for Autonomous Sensor Systems (SEABASS)_

DoD, Air Force, Air Force Research Laboratory
$579,000

Gross, David C.
_Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)_

DoD, Air Force, Air Force Research Laboratory
$100,000

Rigling, Brian D.
Palmer, Luther R.
Garber, Fred D.
Saville, Michael
Shaw, Arnab K.
Wischgoll, Thomas
_SIRCUS TO2: Comprehensive Learning Objectives for Warfighter Needs (CLOWN)_

DoD, Air Force, Air Force Research Laboratory
$50,000

Edwards, Sue
Support for Position of Senior Associate Director, SCTAI 2020
Ohio Department of Higher Education
$17,695

Edwards, Sue
Support for Position of Associate Director, SCTAI, FY2020
Ohio Department of Higher Education
$77,389

Prayson, Michael J.
_CTRA - AQUEOUS-PREP_

University of Maryland
$143,640

Bubulya, Paula
_Gene Regulatory Functions for the Nuclear Speckle Protein SON_

DHHS, National Institute of General Medical Sciences
$450,000

Rooney, Thomas
_Dairymen’s Natural Resources Stewardship_

Dairymen’s, Inc.
$9,735

Wolff, J. Mitch
_Ohio Space Grant Consortium Campus Allocation Funds 19-20_

Ohio Space Grant Consortium
$2,200

Everhart, Kim

American Society for Engineering Education
$150,405

Barrett, Ellen S
Williams, Julie L.
_Breaking Silences Dissemination Impact Project_

American Psychological Foundation
$6,138

Lee, Yi-Hui
_Psychosocial Factors and Prevention of HIV/AIDS Related Risky Sexual Behaviors Among College Students_

Sigma Theta Tau International
$5,000

Juvina, Ion
_Recovering the Sources of Individual Differences Unduly-named Errors (ReSIDUE)_

DoD, Defense Advanced Research Projects Agency
$392,258

Higgins, Steven R.
_Mechanisms of Complex Atomic- to Pore-Scale Geochemical Processes_

Oak Ridge National Laboratory
$72,000

Kumar, Gogi
Miller, Marvin E.
_GSK3 Beta Study in Patient with Myotonic Dystrophy 1_

Children’s Hospital Medical Center (Cincinnati)
$80,168

Goswami, Tarun
Lutz, Anne M
_Advanced Biomaterials Characterization Techniques at the Interface of Structural Biology and Materials_

Dayton Area Graduate Studies Institute
$44,130

Rich, Mark M.
_Development of novel therapy for hypokalemic periodic paralysis_

DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases
$51,534

Wolff, J. Mitch
_Ohio Space Grant Consortium undergraduate Scholarship - 2019-2020_

Ohio Space Grant Consortium
$20,500

Craighead, Daniel J.
_General Operating Support: Art Galleries_

Ohio Arts Council
$7,251
Dewey, Dawne
Stolz, Bill
Aviation History Outreach Program Kit
National Aviation Heritage Area
$5,000

Parikh, Pratik
McCarthy, Mary C.
Parikh, Priti
Trauma Cost vs. Care: Estimations for Ohio’s Current Trauma System and Evaluation of Alternative Configurations
Ohio Department of Public Safety
$75,000

Gockel, Joy E.
Vibration Bending Fatigue Properties of Additively Manufactured Nickel-Based Superalloy 718 with As-Built Surfaces
Universal Technology Corporation, LLC
$20,000

Priezjev, Nikolai
Modeling of the contact angle hysteresis and wetting properties of oil droplets on textured surfaces
Petroleum Research Fund - American Chemical Society
$110,000

Roberts, Rory A.
Development of a Vehicle Level Integration Tool for Aircraft Energy Management
Dayton Area Graduate Studies Institute
$30,240

Gross, David C.
Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)
DoD, Air Force, Air Force Research Laboratory
$1,800,000

Elbasiouny, Sherif M.
Neurodegeneration mechanisms common to both ALS and AD
DHHS, National Institute of Neurological Disorders and Stroke
$286,836

Rigling, Brian D.
Synthesis, Exploitation, Analysis, and Belief for Autonomous Sensor Systems (SEABASS)
DoD, Air Force, Air Force Research Laboratory
$250,000

Dockery, Jane L.
Southwest Ohio Regional Prevention Coordinator Proposal
Ohio Department of Job and Family Services
$676,385

Hershberger, Paul J.
Bricker, Dean
Crawford, Timothy
Wilson, Josephine F.
Pei, Yong
Real-time Assessment of Dialogue in Motivational Interviewing training (ReadMI)
DHHS, Agency for Healthcare Research and Quality
$174,994

Roberts, Rory A.
Advanced Power Density Improvements to Electrical Generation Systems
Spectral Energies, LLC
$50,000

Kinzelker, Nicole
2918-2021 SAMHSA-funded MHAT Evaluation
Mt. Olive Baptist Church
$37,500

Parikh, Pratik
REU Supplement for Collaborative Research: Optimizing Trauma Care Network Design (CMMI#1761009)
NSF, Miscellaneous
$14,880

Terry, John B.
CTRA - CHARM
Biogen MA, Inc
$97,041

Young, Henry Daniel
Support for 2019 ASM International Teacher’s Materials Camp in the Dayton Metro Region
DoD, Air Force Office of Scientific Research
$12,600

Susuki, Keiichiro
Cell type-specific roles of calpain-2 in formation of peripheral myelinated nerves
DHHS, National Institute of Neurological Disorders and Stroke
$75,000

Hershberger, Paul J.
Pei, Yong
Binder, Stephen Bruce
Crawford, Timothy
Wischgoll, Thomas
Pavlack, Todd A
An Interactive Game for Cultural Proficiency Training Featuring Virtual Reality Immersion (IGCPT)
Ohio State University
$399,465

Polanka, Sue
High School Outreach for Substance Abuse Prevention and Education
University of Iowa
$10,000
Daniulaityte, Raminta
Optimizing HEALing in Ohio Communities (OHIO)
University of Cincinnati
$28,419

Wilson, Josephine F.
Virtual Office Space (VOS): Improving Employment Opportunities for Individuals
DHHS, Administration for Community Living
$199,767

Arunugam, Kuppuswamy
Benue State University
$8,400

Roberts, Rory A.
Aerospace Propulsion Outreach Program - Thrust Vectoring
Universal Technology Corporation
$5,659

Zhang, Junjie
Mission-oriented Intelligent Firmware Modeling
Transportation Research Center Inc.
$117,479

Klingbeil, Nathan W.
The Ohio LSAMP Alliance
Ohio State University
$39,250

Juvina, Ion
Cognitive Models of Social Intelligence and Teamwork
Wright State Applied Research Corporation
$28,279

Huang, George
A Thermo-fluids Analysis of Aircraft Thermal Energy Management and Precision Airdrop
Dayton Area Graduate Studies Institute
$49,680

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

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

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

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

Pope, Jonathan G
CTRA - RICODIFY
Syneos Health, LLC
$52,231

Kinzeler, Nicole
Evaluation Services for Montgomery County Juvenile Court
Montgomery County Juvenile Court
$28,350

Wolff, J. Mitch
Power/Thermal Management of Hypersonic Air Vehicles
Southwestern Ohio Council for Higher Education
$78,200

Raymer, Michael L.
Banerjee, Tanvi
APEX Analytics
Wright State Applied Research Corporation
$100,000

Parikh, Pratik
Modeling and Analysis of the Manufacturing Facility
L3Harris
$49,976

Goyal, Amit
CTRA - AEGIS II
CSL Behring LLC
$181,393

Roman, Brenda
White, Mary T.
D'Epiro, Giselle K
Addressing the opioid epidemic through an all-Ohio collaborative medical school training curriculum
Northeast Ohio Medical University
$49,999

Adelhakeem Abdelrehim, Tamer
Dayton VA Medical Center IPA Agreement - Tamer Abdelrehim
Veterans Affairs Medical Center
$34,974

Zhelay, Tetyana
Veterans Affairs Medical Center IPA Agreement - Zhelay
Veterans Affairs Medical Center
$10,662

Travers, Jeffrey B.
Laboratory Animal Resources Care
Veterans Affairs Medical Center
$19,200
Li, Sheng
*Rheological Description Modifications for Lubricated Rough Surface Contacts of Rollers and Gears*
Ohio State University
$41,000

Mast, Ryan C.
*Child Psychiatric Placements*
Montgomery County ADAMH Services Board
$150,000

Roberts, Rory A.
Wolff, J. Mitch
*A Hierarchical and Extendable, Component-based Simulation Tool for Aircraft Thermal Management Systems*
CFD Research Corporation
$42,000

Hossler, Kathleen A.
*A soil bulk density metric to improve Level 2 assessments of wetland condition*
U.S. Environmental Protection Agency
$54,789

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

Dudley, Emily S.
*Biopsy Study*
Devicor Medical Products, Inc.
$11,766

Hershberger, Paul J.
Leeds, Frederic Stuart
Crawford, Timothy
Jacobson, Michael D
*Wright MAT*
DHHS, Substance Abuse and Mental Health Services Administration
$149,993

Paul, Kimberly A.
*NCI Award Under DCOP Fiscal Agency Agreement*
Dayton Clinical Oncology Program
$348,993

Paul, Kimberly A.
*Miscellaneous Awards Under DCOP Fiscal Agency Agreement*
Dayton Clinical Oncology Program
$16,959

Elbashoury, Sherif M.
*Generalization of ALS Markers*
Wright State Applied Research Corporation
$19,653

Janson, Christopher G
*Differential clearance of the pyroglutamate abeta through arachnoid and meningeal lymphatics in Alzheimer Disease.*
DHHS, National Institute on Aging
$389,263

Killian, Jerri
*University Partnership Program Grant 2019-2021*
Ohio Department of Job and Family Services
$246,500

Jackson, LaTrelle D
*Research Evaluation Enhancement Projects (REEP) - MIH-20-38*
Ohio Commission on Minority Health
$75,000

Baudendistel, Craig M.
*2020 SAE Baja Raider Racing*
Ohio Space Grant Consortium
$5,000

Gentile, Julie P.
Cowan, Allison
Harper, Bethany L.
Mast, Ryan C.
Gainer, Danielle M
Harper, Kari S
*Ohio's Telepsychiatry Project*
Ohio Department of Developmental Disabilities
$225,000

Rigling, Brian D.
*Synthesis, Exploitation, Analysis, and Belief for Autonomous Sensor Systems (SEABASS)*
DoD, Air Force, Air Force Research Laboratory
$75,000

Leaman, Douglas
*Prevention of Adenovirus Pathogenesis Through Downregulation of the Apical Adenovirus Receptor*
DHHS, National Institute of Allergy and Infectious Diseases
$375,000

Cao, Caroline
*Intelligent coach for medical simulation training*
Wright State Applied Research Corporation
$20,000

Gentile, Julie P.
Cowan, Allison
Gainer, Danielle M
Harper, Kari S
*Residency Traineeship Program for Psychiatric Residents in Dual Diagnosis - MI/DD*
Ohio Department of Developmental Disabilities
$80,000
Kinzeler, Nicole
*The Warriors Supporting Wellness (WSW) Project*
Montgomery County ADAMH Services Board
$25,000

Mian, Ahsan Akm
*Additively Manufactured Embedded Electronics*
Southwestern Ohio Council for Higher Education
$11,040

Liu, Yang
*Developing statistical methods for analyzing somatic mutations*
Fred Hutchinson Cancer Research Center
$22,761

Fruchtnicht-Ponchak, Paige E
*Light, shadow, and color, an exhibition of Jay Hoops' engaging and poetic photography*
FotoFocus
$725

Montague, Benjamin
*Locked Unloaded*
FotoFocus
$6,300

Pavel Sizemore, Ioana E.
*Developing a Raman Spectroscopy-based methodology for the on-site, rapid detection of fentanyl and other illicit drugs in street samples of powder or pill form*
Wright State Applied Research Corporation
$20,000

Srinivasan, Raghavan
*Process development for novel composites based on the AI-W alloy system*
Wright State Applied Research Corporation
$20,000

Biesemeyer, Destinee N.
Rando, Robert A.
*Continuation of Wrap Around Victim Services*
Ohio Office of the Attorney General
$118,080

Rigling, Brian D.
*Synthesis, Exploitation, Analysis, and Belief for Autonomous Sensor Systems (SEABASS)*
DoD, Air Force, Air Force Research Laboratory
$164,600

Stark, Wayne F
Shannon, Vaughn
*Support for the Center for Liberal Arts Student Success Center and the Model United Nations Program at Wright State University*
Ohio Department of Higher Education
$150,000

Turner Sherwin, Catherine M
*Pharmacometric Modeling and Simulation for Evaluation of Bioequivalence for Leuprolide Acetate Injection*
University of Utah
$7,022

Chen, Keke
*Scalable Visual Validation for Large-Scale Sequence Data Clustering*
Wright State Applied Research Corporation
$20,000

Turner Sherwin, Catherine M
*Pharmacometric Modeling of Immunosuppressants for Evaluation of Bioequivalence Criteria*
University of Utah
$3,745

Hall, Ashley Elizabeth
Ware, Jennifer (Jen)
Miura, Yoko
*APEX*
Wright State Applied Research Corporation
$120,001

Kinzeler, Nicole
*Dayton Police Department (DOD) Mental Health Awareness Training Grant*
Dayton Police Department
$24,975

Gentile, Julie P.
*Dayton Police Department (DOD) Mental Health Awareness Training Grant*
City of Dayton, Miscellaneous
$27,185

Brun, Carl F.
*Secondary Career-Technical Alignment Initiative*
Ohio Department of Higher Education
$1,000

Travers, Jeffrey B.
*Platelet Activating Factor and Epidermal Cytotoxicity*
DHHS, National Heart, Lung, and Blood Institute
$375,000

Turner Sherwin, Catherine M
*Pharmacokinetics of Oral L-citrulline in Infants at High Risk of Developing Pulmonary Hypertension Associated with Bronchopulmonary Dysplasia*
University of Utah
$18,900

Kinzeler, Nicole
*GPRA Training, Data Collection, and Reporting for the Ohio Medication Assisted Treatment - Prescription Drug and Opioid Addiction (Ohio MAT PDOA) Project*
Ohio Department of Mental Health and Addiction Services
$153,071
Hershberger, Paul J.
Leeds, Frederic Stuart
*Wright MAT Train the Trainer Project*
Ohio Department of Mental Health and Addiction Services
$15,000

LaHuis, David
*Human-Centered Science Laboratory (HCSL) Support of AFRL Activities*
Wright State Applied Research Corporation
$20,000

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

Paul, Kimberly A.
*Clinical Teaching Subsidy*
Ohio Department of Higher Education
$2,860,830

Paul, Kimberly A.
*Family Practice Program*
Ohio Department of Higher Education
$365,964

Paul, Kimberly A.
*Primary Care Residencies*
Ohio Department of Higher Education
$256,420

Paul, Kimberly A.
*Geriatric Medicine Program*
Ohio Department of Higher Education
$70,863

Brown, Joylynn M.
Hill, Sara Jane
*Student Athlete Opportunity Funds 2018-2019*
Horizon League
$227,510

Hill, Sara Jane
*Student Athlete Opportunity Funds 2019-2020*
Horizon League
$223,910