Winners of Annual Research Initiation and Professional Development Internal Grants

The Wright State University Research Council recently convened to review submissions to its 2013 competition for the Research Initiation and Professional Development Grant Program. The Council received 32 quality proposals for funds to support new lines of research, as well as diverse scholarly activities and professional renewal. The Research Council would like to extend its congratulations to the 10 new awardees:

**Research Initiation Awards**

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Title</th>
<th>College</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excoffon, Katherine</td>
<td>Mechanisms of Neutrophil Adhesion to Airway Epithelia</td>
<td>CoSM</td>
<td>$20,000</td>
</tr>
<tr>
<td>Fruth, Jason</td>
<td>Development of the Office for Educational Research</td>
<td>CEHS</td>
<td>$6,000</td>
</tr>
<tr>
<td>Parikh, Pratik</td>
<td>Intervention Policies to Manage Interruptions in Healthcare</td>
<td>CECS</td>
<td>$15,000</td>
</tr>
<tr>
<td>Saville, Michael</td>
<td>Radar-based Object Characterization in a Joint Frequency-Polarization Feature Space</td>
<td>CECS</td>
<td>$5,000</td>
</tr>
<tr>
<td>Vadeboncoeur, Yvonne</td>
<td>Algae Should Be Eaten and Not Seen: Natural Biomarkers as Assessment Tool for Detecting Early-Stage Agricultural Degradation of Aquatic Ecosystems</td>
<td>CoSM</td>
<td>$18,740</td>
</tr>
<tr>
<td>Zhang, Junjie</td>
<td>DART: Detecting Fake Anti-Virus Software Distribution Webpages</td>
<td>CECS</td>
<td>$5,000</td>
</tr>
</tbody>
</table>

**Professional Development Awards**

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Title</th>
<th>College</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonch-Reeves, Ksenia</td>
<td>Archival Research of Medieval Spanish Chronicle Manuscripts</td>
<td>CoLA</td>
<td>$2,769</td>
</tr>
<tr>
<td>Deer, Joe</td>
<td>Musical Theater Direction and Choreography at London’s Central School of Speech and Drama - Travel Support for Creative Scholarship</td>
<td>CoLA</td>
<td>$3,000</td>
</tr>
<tr>
<td>Rooney, Thomas</td>
<td>PDL Support: Sustainable Management of Deer and Forest Landscapes</td>
<td>CoSM</td>
<td>$2,570</td>
</tr>
<tr>
<td>Steele, Tracey</td>
<td>Correctional Officer Management of Inmate Sexuality</td>
<td>CoLA</td>
<td>$2,956</td>
</tr>
</tbody>
</table>
NOTES from the AVP

New Website Construction

You have seen WSU’s new and improved website, and probably know that many campus units are working on similar improvements for their areas. The Office of the Vice President for Research is on the bandwagon, too. We have dubbed our efforts, “pathway to yes,” with an eye toward improving our instructions and processes for both internal and external customers.

Armed with colorful post-it notes, markers, and plenty of wall space, the leadership team in the Vice President’s office has been busy deconstructing the current website and plotting out the reorganization of the information we offer to our clients. We are stepping back to get the perspective of the investigator new to research, the industrial partner eager to work with our researchers but not quite sure how to initiate the process, the visitor just trying to locate the contact information for a specific area of the office, among others.

Like many other areas on campus, the business of research administration is complex and multi-faceted. We want to remove roadblocks to success and navigate our visitors to the answers to their questions quickly and easily. This is a work in progress. We hope that by the beginning of the fall semester, we will be ready to proudly share some of our new web content. Of course, if you have any suggestions for improvement to our website, we would be happy to hear from you, too.

Ellen

Proposal Help for Grant Writers

Found a really attractive RFP? Need that extra bit of help to develop your proposal?

Contact RSP to learn how to request assistance from Hanover Grants, the consulting firm that provides comprehensive, customized services to WSU faculty and staff.

[Call ext. 2709 or email ellen.friese@wright.edu]
RSP, InfoEd Global Transition
Research Administration
Infrastructure to
Electronic Format

In a long-term effort to replace Research and Sponsored Programs’ elder Filemaker database, to transition to a paperless process, and to increase efficiency in submitting proposals through Grants.gov, Wright State University has contracted with InfoEd Global to build and assist in the maintenance of the RSP Gateway. Below is a brief introduction to each of the Gateway modules, all accessible via the web.

**SPIN Funding Opportunities Database/SMARTS/GENIUS**

SPIN provides a quality, Google-style external funding search experience built upon numerous user-identified parameters. SMARTS, a newly added feature within SPIN, will allow users to automate saved funding searches (receipt of email notices when a matched opportunity for funding becomes available). GENIUS is the Gateway’s personnel profile management system. In order to individually access SPIN, automate searches, and access the other Gateway modules, a GENIUS profile is required.

**Proposal Development (PD)/Proposal Tracking (PT)**

The Proposal Development side of this module supports the creation of system-to-system-submitted proposals through the Grants.gov portal, and internal approval routing for these and all other non-Grants.gov-submitted proposals. Proposal Tracking, while effective for internal reporting on the University’s proposal submission and award efforts, will provide applicants with their own accessible digital archive of proposals and award materials.

**Research Compliance: Financial Conflict of Interest, and Human and Animal Subjects Research**

The Financial Conflict of Interest module provides a management tool for recording and reconciling annual and transactional Financial Conflict of Interest data for the University; the Human Subjects and Lab Animals Research modules provide a transition of the protocol submission and tracking system away from the current paper-intensive process.

**Clinical Trials**

This module improves the management of clinical trials for investigators, research coordinators, and administrators; supports key activities such as trial design, setup, contracting, budgeting, trial execution, data reporting, patient scheduling, and document management; and will be integrated with other modules, including Conflict of Interest, Human Subjects, and Proposal Development.
Proposal Development (PD) & Proposal Tracking (PT): An Introduction

What are the RSP Gateway's PD and PT? The short answer: two inter-related electronic proposal modules for developing, routing, submitting, and archiving all grant proposals. What follows below is a snapshot introduction to each, and a quick update on campus implementation of the modules.

Proposal Development (PD) is used to upload proposal documents, electronically route proposals for internal approvals, and provide system-to-system submission for Grants.gov proposals.

Proposal Tracking (PT) is used to view archived proposal documents, proposal status, data, and funding information (awards and budgets), and to create reports. These modules can be accessed through the RSP Gateway (https://rsgateway.wright.edu/) located on the RSP homepage (http://www.wright.edu/rsp/).

NOTE: If you are accessing the RSP Gateway from off-campus you will need to complete installation of the VPN Client software prior to accessing the Gateway. Instructions for completing this process can be found on the CaTS website: http://www.wright.edu/cats/vpn/.

One key change in the transition to the RSP Gateway is the project budget. In contrast to the “red folder” budgets that separately reflected requested costs and any attendant cost share, the RSP Gateway will present the budget in a total project format. The singular total project budget includes both what we are requesting from the sponsor plus any institutional cost share or matching.

RSP staff are currently partnering with selected and volunteer faculty from the Boonshoft School of Medicine and the College of Science and Mathematics for the pilot phase of the RSP Gateway Proposal Development (PD) module. Pre Award Administrators will roll out the Proposal Development module to additional colleges in the near future. If you have an upcoming proposal that will be submitted via Grants.gov and would like to volunteer to pilot the InfoEd system, please contact your RSP PreAward Administrator for more information. Training on use of the Gateway modules will be advertised on the Wright State University listserves, through your colleges, and in future editions of Research News. If you have questions or would like additional details, contact your Pre-Award Administrator.

RSP Gateway Transition Benefits (per the InfoEd Global website):

* Mac & PC-friendly browser-based interface
* No files to trade or versions to track
* Compiling a proposal is done online and in one place
* Multiple users can work simultaneously; no waiting for the one person who “owns” the file to “pass it” it to others via email
* Auto-fill institutional and personnel data
* All data is automatically available and can be reported on
* Seamless translation from Proposal Development to Proposal Tracking
* Proposal and Award Tracking
The RSP Gateway’s Proposal Development (PD) Module: PI and Approver Responsibilities

Many individuals play a role in the successful submission of grant proposals to external sponsors, most particularly the Principal Investigators (PI, or Project Director (PD)) and the individuals who give approval for the proposal to be submitted to the sponsor. With the advent of the Proposal Development module within the RSP Gateway, some of the traditional “to-dos” have evolved as well.

**Proposal Development**

For proposals submitted through Grants.gov, PIs will contact his/her RSP PreAward Administrator several days in advance of the deadline. Be prepared to provide the requisite data for RSP to create a proposal package similar to the traditional PDF package downloaded from Grants.gov. Upon creation of the Gateway proposal package, PIs will upload all required technical attachments (Narrative, Abstract, Biosketches, and more). The PreAward Administrator will complete the budget forms and other administrative documents, and initiate the electronic routing process. Proposal routing for internal approvals (the red folder process) will take place within the Gateway’s PD module, traveling first to PIs, then to all Co-PIs, and then to all attendant department chairs, deans, and other officials who may provide a source of cost share on the project.

If the proposal is to be submitted to another electronic portal, or by postal mail/email, all steps described above will be completed; however, proposal attachment within the PD module will be completed as one attachment for the purposes of routing and archiving for future reference.

**Routing for Approval**

During the proposal development, routing, and submission phases, communication is critical. After contacting their assigned PreAward Administrator for proposal creation several days in advance of the program deadline, PIs should alert approvers along the routing path to their upcoming proposal submission in order to prepare for potential absences during the approval stage.

The routing process should begin no less than five business days prior to the program deadline. While the RSP Gateway can be accessed from off-campus computers via a secured VPN login, it is recommended that approvers identify and set up a delegate procedure during times of absence (if an approver chooses not to engage in the delegate process, s/he will want to identify an effective approval process for use during absences in which the technology for accessing the Gateway is not available). Additionally, the routing process can now be monitored online, providing the PI and RSP staff the ability to communicate more effectively in response to gaps in the approval queue.

**Submission and Beyond**

PIs will notify his/her PreAward Administrator, when routing is complete, that the proposal is ready for submission. This should be done at least two business days prior to the program deadline. RSP will finalize and submit the proposal. During development and after submission, PIs will continue to have access to his/her proposals within the RSP Gateway Proposal Tracking module. If a PI/Co-PI has a need to access a proposal developed and/or submitted on or after July 1, 2012, s/he will be able to simply log into the RSP Gateway and search for it under the “My Proposals” tab.

If you have any questions regarding the RSP Gateway, please contact your Pre-Award Administrator.
What is RPPR?
RPPR is a federal-wide uniform progress report format for use by all federal agencies that provide sponsored funding. This has been mandated by the federal Office of Management and Budget.

How does this apply to NIH awards?
RPPR will replace the Non-competing Continuation Progress Report (PHS 2590) and the Ruth L. Kirschstein National Research Service Award Individual Fellowship Progress Report for Continuation Support (PHS 416-9) that have been used by NIH grantees to report on research and research-related activities, for programs such as:
* Research project grants;
* Institutional training grants;
* Research career development awards;
* Individual fellowship awards;
* Cooperative agreements;
* Program project and center grants;
* Conference grants;
* Cancer Center Support grants;
* Biotechnology resource grants;
* Academic career awards; and
* Academic research enhancement awards.

When will RPPR be required?
Progress reports for NIH eSNAP and NIH Fellowships with budget start dates on or after July 1, 2013 must be submitted using RPPR.
From now until June 30, 2013 when you log into eRA Commons and click on the eSNAP link to initiate and start your progress report, the system will state “Either an RPPR or an eSNAP may be selected, but not both. Please contact your AO (Authorizing Official) or SO (Signing Official) before selecting the RPPR format.” You may choose either format. RPPR for non-SNAP and multi-year funded awards will be implemented in the future.

How do I access RPPR?
Only the PI/PD or the PI/PD delegate may initiate an RPPR. You can access RPPR by going to the Status tab and selecting List of Applications/Grants. On the list that appears, the Action tab will show a link to eSNAP or RPPR. OR you can also access RPPR by clicking on the eSNAP tab.

What are the similarities/difference between RPPR and eSNAP?

**Similarities:**
* The grantee will be asked to describe progress, study results, the significance of findings, and any significant changes.
* Where possible, information is pre-populated from NIH, including PI/PD information, grant number, project title, period, performance sites, and personnel.
* Publications in PD/PI’s My NCBI (National Center for Biotechnology Information) account will be displayed for easy association with the progress report.
* SNAP awards using RPPR format will not be required to submit a detailed budget.
* Information required by NIH policies will continue to be requested, such as human subjects education, inclusion enrollment reporting, and the use of human embryonic stem cells.

**Differences:**
* The RPPR will have separate screens for the Cover Page, Accomplishments, Products, Participants, Impact, Changes, Special Reporting Requirements (agency specific) and Budget (for non-SNAP awards).
* When implemented for non-SNAP awards (date TBD) the budget component will use the SF424 R&R budget format.
* The format of the report will be new. Users will answer questions by using a checkbox, entering text or uploading a PDF, or selecting “nothing to report.”
Upcoming Changes to Public Access Policy Reporting Requirements

In conjunction with the NIH RPPR changes, NIH is reminding Investigators that they will delay processing of non-competing continuation awards until recipients are compliant with the NIH Public Access Policy. This goes into effect for awards with start dates of July 1, 2013 or later. Publications will need to be compliant prior to submitting your Progress Report.

The NIH Public Access Policy ensures that the public has access to the published results of NIH funded research. Scientists are required to submit final peer-reviewed journal manuscripts that arise from NIH funding to PubMed Central upon acceptance for publication. The papers are required to be accessible on PubMed Central no later than 12 months after publication. As you will see in the new RPPR progress report, NIH has made changes to My NCBI (National Center for Biotechnology Information) to make it easier for PIs to track compliance of all papers arising from their awards, even if they do not author the papers. The RPPR publication section is pre-populated with the PI’s publications from My NCBI and the PI selects which publications to associate with the progress report.

If more information is needed by NIH, the PI/grantees will be requested to respond via the Progress Report Additional Materials (PRAM) link rather than by email. The link provides a text box in which the grantees can respond through eRA Commons. This will allow the grantee to view the PRAM submission in the grant folder on eRA Commons.

For more information about preparation and how to comply, go to http://publicaccess.nih.gov/index.htm.

NSF: Automated Checks on Proposal Submissions

On February 27, 2013 the National Science Foundation published a Dear Colleague Letter, “NSF Notice Regarding Automated Compliance Checking of FastLane Proposal Submissions.”

In the Letter, NSF announced that, beginning on March 18, all submitted proposals will go through an automated compliance check for the required sections of full proposals (does not include preliminary proposals). The check will identify the existence/absence of a document, not its page length or format features.

In the steps toward submission, PIs will receive a warning message if any of the required documents are not included in the submission, but it will not preclude their ability to forward the proposal to the Research and Sponsored Programs office. However, if RSP attempts to submit the proposal and it is missing any of the required documents, the system will send an error message and FastLane will prevent proposal submission.

Are you new to Wright State University or new to the world of extramural funding? Are you a veteran Wright State faculty or staff member re-entering the world of extramural funding?

On Thursday, October 24, 2013 the Office of Research and Sponsored Programs will conduct an orientation seminar for ALL interested faculty. We will cover such topics as guidance on locating funding for research, information regarding internal funding programs, instructions on the WSU proposal submission and post award processes, advice on compliance issues, with an overview of the services of the Office of Technology Transfer.

The Research and Sponsored Programs Orientation seminar will be in E156B/C Student Union (Endeavor Room). Please mark your calendar and look for details in our fall issue of Research News.
Proposal Budget Development: 
Updated Rates

Fringe Benefits
As you develop a proposal budget, keep in mind that salary and fringe benefits rates will change over time, perhaps even annually. Such is the case with the University’s fringe benefits for FY2014. Effective July 1, 2013 to June 30, 2014, fringe benefit rates for faculty, staff, and students will change (see below).
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 PreAward point of contact. For a comparison of rates from FY13, and projected rates for the next two years, visit the RSP web site: http://www.wright.edu/rsp/proposal.html.

<table>
<thead>
<tr>
<th>Fringe Benefit Category</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time faculty (51% FTE or more)</td>
<td>28.4%</td>
</tr>
<tr>
<td>Faculty (part-time, overload, summer, retirees)</td>
<td>20.5%</td>
</tr>
<tr>
<td>Full-time unclassified (including hourly)</td>
<td>36.4%</td>
</tr>
<tr>
<td>Part-time unclassified/classified staff</td>
<td>15.0%</td>
</tr>
<tr>
<td>Full-time classified staff</td>
<td>64.0%</td>
</tr>
<tr>
<td>OPERS-covered students</td>
<td>18.7%</td>
</tr>
</tbody>
</table>

Graduate Student Stipends
Welcome to semesters! The policy regarding University-supported tuition fee remission for graduate research assistants (GRAs) on externally funded basic and applied research projects with full Facilities and Administrative costs has been updated to reflect the switch from the quarter system to the semester system. In order for a project to be considered for tuition fee remission support, the PI is required to request from the sponsor a minimum of $3,400 per semester (or $850 per month) in stipend support for the GRA. Some departments and colleges have established rates and rate ranges for masters- and doctoral-level GRAs; check with your Business Officers to identify an appropriate rate for your student(s).

For additional assistance navigating SPINPlus, please contact your SPIN administrator, Deborah Lundin, Ed.D., deborah.lundin@wright.edu or ext. 2423.

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

- Opportunity Title
- Sponsor Name
- SPINPlus Funding Opportunity Number
- Field/Subject Matter
- Eligible Applicant Types

Results are returned in relevancy ranked format, and can be further sorted, grouped, or filtered by the results grid column headers.

SPINPlus Funding Opportunity Database

GAINING ACCESS IN A FEW EASY STEPS....
Wright State University has access to SPINPlus, the world’s largest funding opportunities database, to assist faculty in the funding opportunity search process. Explore how you can use this tool for your research needs.

GAINING ACCESS
1. Visit https://rspgateway.wright.edu
2. Select “Login” in left side menu
3. Complete WSU authentication using university-issued “w” number and network password
4. Click on "Find Funding" at top of resulting page.

NOTE: Remote users accessing SPINPlus from off site or from a non-WSU-registered IP address must VPN.
In order to ensure that every individual involved in human subject research has the appropriate training, WSU subscribes to the Collaborative Institutional Training Initiative’s (CITI) research compliance courses to fulfill their educational requirements. CITI has developed an educational module that provides an understanding of the rules, ethics, and practices that are required in order to conduct research involving human subjects.

The CITI Program includes “basic” courses in the Protection of Human Research Subjects for Biomedical as well as for Social/Behavioral Research. In addition to those basic courses, Wright State University has recently added the following courses including two options for Exempt Studies:

1. Exempt (Education) – To be completed by any person associated with the College of Education and Human Services who is submitting a study for exemption.
2. Exempt (Education) – To be completed by any person who is submitting a study for exemption and NOT associated with the College of Education and Human Services.
3. Biomedical Data or Specimens Only Research – To be completed by any person submitting a study that will use only biomedical data or specimens.

A passing score of 80 percent or better is needed to meet the WSU IRB’s training requirement. The IRB staff has access to an online database that tracks all CITI training; you are not required to submit a copy of your Course Completion Certificate to the IRB. It is recommended that you print or download a copy of this certificate for your own records as evidence of successful completion of training.

Please Note: The Responsible Conduct of Research course does NOT satisfy the human subjects training requirement.

Questions regarding these training requirements should be addressed to Robyn Wilks, IRB Coordinator, at robyn.wilks@wright.edu or 937-775-4462.

New information to be provided by grantees through the RPPR includes: foreign component information, dollars spent in foreign country(ies), and organizational affiliation of personnel at foreign sites.

Effort on All Personnel Report will be rounded to the nearest whole person month.

Other features of the RPPR include:
- Specific location to report on competitive revisions/administrative supplements associated with the award;
- Public Access compliance status will be displayed;
- Other support will only be required if there has been a change;
- Notice of Award link; and
- Streamlined reporting of ClinicalTrials.gov Information.

For more information:
The RPPR instruction guide and the implementation timeline for other federal agencies can be found at: http://grants.nih.gov/grants/RPPR/.

Please contact your RSP Pre-Award Representative if you have any questions.
Elana Wang was promoted to Director of the Office of Technology Transfer this past January. Before joining Wright State University in 2012, she worked at Partners Healthcare Systems, Inc., a teaching affiliate of Harvard Medical School and founded by Massachusetts General Hospital and Brigham and Women’s Hospital in Boston. There she served as the Business Strategy and Licensing Manager, and managed a portfolio from Massachusetts General Hospital (primarily from Radiology, Anesthesia, and the Laboratory of Computer Science) for over four years before the Air Force relocated her family to Dayton in August 2011.

Prior to joining the technology transfer field, Elana was a Technical Specialist/Patent Agent at Lahtive and Cockfield, LLP, an intellectual property boutique law firm in Boston. Her work focused on patent application preparation and prosecution in non-life sciences areas, including electrical engineering, computer science, mechanical engineering, business methods, and medical devices.

Elana earned her Bachelor’s and Master’s degrees from the Department of Electrical Engineering and Computer Science at the Massachusetts Institute of Technology in Cambridge, and earned her J.D. from Suffolk University Law School in Boston. Elana replaced Reid Smith, who joined Miami University as their Director of Technology Transfer and Business Partnerships.

For more information on the Office of Technology Transfer, please go to http://www.wright.edu/rsp/TechTrans/index.html or contact Elana Wang at elana.wang@wright.edu.

First Technology Roundtable Held at WSU

The first Technology Roundtable was held on Friday April 19, 2013. Sponsored by the Office of the Vice President for Research, the objective was to have community leaders and industry experts provide feedback to university researchers on the viability of commercialization of their respective technologies.

Vice President for Research, Dr. Robert Fyffe, sent out a call for presenters on March 14, 2013. Eight faculty, one staff member, and one graduate student responded and were offered the opportunity to present their technologies at this event. A total of eleven people participated on the panel throughout the day.

The panel members were impressed with the technologies developed at Wright State University that were presented. All presenters will be provided with the panel feedback and recommended next steps.

There is plan to hold another Technology Roundtable in the next academic year.

Wright State University Office of Technology Transfer reports to the Office of the Vice President for Research.

Contact information:
306 University Hall
Voice 937-775-4245
Fax 937-775-3781
www.wright.edu/rsp/TechTrans

Director
Elana Wang, J.D.
elana.wang@wright.edu
Graduate Student
Scott Arjun
arjun.2@wright.edu

The Office of the Vice President for Research thanks the presenters for their participation in this first ever event:

Jeffrey Smigelski, Ph.D. student, Environmental Sciences
Daniel Ketcha, Ph.D., Chemistry
Dan Krane, Ph.D., Biological Sciences
Caroline Cao, Ph.D., Biomedical, Industrial, and Human Factors Engineering
Amit Sheth, Ph.D., Computer Science and Engineering
Guozhu Dong, Ph.D., Computer Science and Engineering
Elliott Brown, Ph.D., Physics and Electrical Engineering
Steven Berberich, Ph.D., Biochemistry and Molecular Biology
Marjorie Markopoulos, Environmental Health and Safety
Julie Gentile, Ph.D., Psychiatry
**AWARDS**

*The grants and contracts on these pages were awarded from September 2012 through March 2013*

**Boonshoft School of Medicine**

Boivin, Gregory  
Cool, David R.  
*Purified Snake Venom Study*  
Central State University  
$36,130

Boivin, Gregory  
*Biopsy Study*  
Devicor Medical Products, Inc.  
$12,221

Borges, Nicole J.  
*Medical Education Research Project Collaboration*  
University of Texas Medical Branch  
$900

Brown, James E.  
Kirkpatrick, Daniel  
*Civilian Aeromedical Evacuation Sustainment Training (CAEST)*  
The University of Memphis  
$67,085

Burdette, Steven D.  
*Cytogram Secondary CMV Prophylaxis Following Renal Transplantation in Patients Who Cannot Tolerate Ganciclovir or its Derivatives*  
CSL Behring Foundation for Research and Advancement of Patient Health  
$6,300

Cauley, Katherine L.  
Simmons, Dionne M.  
*Kinship Navigator Consortium CY2013*  
Montgomery County Department of Job and Family Services  
$128,900

Cauley, Katherine L.  
*AHEC Support*  
Ohio Board of Regents  
$62,888

Cauley, Katherine L.  
*Sinclair Community College Matching Funds CY2012*  
Sinclair Community College  
$32,000

Cauley, Katherine L.  
*Identifying Competencies for Ohio's Long Term Care Workers*  
Ohio State University  
$17,051

Chen, Ji  
Chen, Yanfang  
Morris, Mariana  
*Role of Ang II/Ang (1-7) Balance in Intracerebral Hemorrhagic Stroke*  
American Heart Association - Great Rivers Affiliate  
$46,000

Cope, Timothy C.  
Rich, Mark M.  
Fyffe, Robert E.W.  
*Synaptic Function: Effects of the Nerve Injury, Repair, and Altered Activity*  
DHHS, National Institute of Neurological Disorders and Stroke  
$931,384

D'Amato, Josette  
*Dayton VA Medical Center IPA - Josette D'Amato*  
Veterans Affairs Medical Center  
$5,000

Duke, Janice M.  
*Dayton VA Medical Center IPA - Janice M. Duke*  
Veterans Affairs Medical Center  
$5,000

Dunn, Margaret M.  
*Miscellaneous Awards Under DCOP Fiscal Agency Agreement*  
Dayton Clinical Oncology Program (DCOP)  
$58,000

Duren, Dana L.  
*Versartis Skeletal Maturity Contract*  
Versartis, Inc.  
$19,220

Elder, B. Laurel  
*Devices for Reducing Catheter-Borne Bloodstream Infections*  
Davis & Son Developments LLC  
$9,018
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Falck, Russel S.</td>
<td>Carlson, Robert G.</td>
<td>Daniulaityte, Raminta</td>
<td>Preventing Unintentional Prescription Drug Poisoning</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Public Health Dayton and Montgomery County</td>
<td>$78,500</td>
</tr>
<tr>
<td>Gentile, Julie P.</td>
<td>CCOE: Dual Diagnosis MI/DD</td>
<td>Ohio Developmental Disabilities Council</td>
<td>$75,000</td>
</tr>
<tr>
<td>Gomez-Cambronero, Julian</td>
<td>PLD2, as a GEF or as a Lipase, is Central to Leukocyte Chemotaxis</td>
<td>DHHS, National Heart, Lung, and Blood Institute</td>
<td>$374,564</td>
</tr>
<tr>
<td>Klykylo, William M.</td>
<td>Weston, Christina G.</td>
<td>MEDTAPP Healthcare Access Initiative-Residency Program in Child and Adolescent Psychiatry</td>
<td>$214,500</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ohio State University</td>
<td>$1,333</td>
</tr>
<tr>
<td>Lawhorne, Larry Wayne</td>
<td>Direct Service Workforce Project: Providing Training and Career Pathways for Ohio’s Long-Term Care Workforce</td>
<td>Ohio State University</td>
<td>$44,648</td>
</tr>
<tr>
<td>McAlarney, John</td>
<td>Direct Service Workforce Project: Providing Training and Career Pathways for Ohio’s Long-Term Care Workforce</td>
<td>Ohio State University</td>
<td>$22,583</td>
</tr>
<tr>
<td>McAlarney, John</td>
<td>Affordable Care Act</td>
<td>CareSource</td>
<td>$929</td>
</tr>
<tr>
<td>Miller, Marvin E.</td>
<td>Hangartner, Thomas N.</td>
<td>Measurement Bone Architecture Parameters in Normal Infants and in Infants with Multiple Unexplained Fractures from Digital Skeletal Surveys</td>
<td>$30,360</td>
</tr>
<tr>
<td>Morrison, Ann K.</td>
<td>Pretorius, Richard W.</td>
<td>Lawhorne, Larry Wayne</td>
<td>$173,032</td>
</tr>
<tr>
<td>Roman, Brenda</td>
<td>Bienenfeld, David G.</td>
<td>Cauley, Katherine L.</td>
<td>$5,000</td>
</tr>
<tr>
<td>Orlowski, Marietta A.</td>
<td>Smarter Choices for School Meals that Move</td>
<td>Ohio Department of Education</td>
<td>$13,380</td>
</tr>
<tr>
<td>Prayson, Michael J.</td>
<td>Fluid Lavage of Open Wounds (FLOW): A Multi-Center, Blinded, Factorial Trial Comparing Alternative Irrigating Solutions and Pressures in Patients with Open Fractures</td>
<td>Greenville Hospital System</td>
<td>$3,698</td>
</tr>
<tr>
<td>Sahiar, Farhad</td>
<td>Aerospace Medicine Training in the Era of Expanding Human Space Flights Beyond ISS and LEO</td>
<td>National Aeronautics and Space Administration</td>
<td>$230,708</td>
</tr>
<tr>
<td>Sherwood, Richard J.</td>
<td>AAOF Legacy Collection Project, Stage II: Development of a Longitudinal Craniofacial Records Base for Teaching and Research American Association of Orthodontists Foundation</td>
<td>$25,000</td>
<td></td>
</tr>
</tbody>
</table>
Talbot, Ted  
*Dayton VA Medical Center IPA - G. Theodore Talbot*  
Veterans Affairs Medical Center  
$5,000

Tchorz, Kathryn  
*Dayton VA Medical Center IPA - Kathryn Tchorz*  
Veterans Affairs Medical Center  
$10,000

Williams, Carlton  
*STEP-UP Testing Capacity*  
DHHS, Substance Abuse and Mental Health Services Administration  
$49,999

Wyatt, Christopher N.  
*AMP-Activated Protein Kinase and Oxygen Sensing*  
DHHS, National Heart, Lung, and Blood Institute  
$295,650

Yaklic, Jerome Lumetta  
*Dayton VA Medical Center IPA - Jerome L. Yaklic*  
Veterans Affairs Medical Center  
$5,000

Franco, Suzanne  
Lindsey, Jill L.  
Zigler, Ted A.  
*The Impact of the Relationship between OTES and OPES on Principal and Teacher Evaluations*  
Ohio State University  
$80,159

---

**College of Education and Human Services**

Franco, Suzanne  
Lindsey, Jill L.  
*Ohio K12 Student Growth Measures for Untested Grades and Subjects*  
Ohio State University  
$11,242

Harris, Charlotte M.  
*Ohio STEM Learning Network*  
Ohio STEM Learning Network  
$25,000

Lindsey, Jill L.  
*Oversight of Research for the Ohio Education Research Center*  
Ohio State University  
$19,230

Franco, Suzanne  
Lindsey, Jill L.  
*Evaluation of Student Growth Measures Policy and Practice*  
Ohio State University  
$18,358

Lorson, Kevin  
*Implementing Ohio's Physical Education Benchmark Assessments*  
Ohio Association for Health, Physical Education, Recreation, and Dance  
$5,000

Lyon, Anna  
*Reading Recovery: Scaling Up What Works*  
Ohio State University  
$10,500

Patel, Nimisha  
*The Effect of Student Engagement on Student Achievement in STEM: Implications for Public Policy for High School STEM Education*  
Ohio State University  
$82,082

---

**College of Engineering and Computer Science**

Bourbakis, Nikolaos G.  
*A Methodology for the Deterministic Detection of Program Flow Hijacking (PFH)*  
DoD, Office of Naval Research  
$65,000

Cao, Caroline  
*Developing Physics-Based Virtual Simulation Technology for Natural Orifice Translumenal Endoscopic Surgery (NOTES)*  
Rensselaer Polytechnic Institute  
$86,882

Chen, Chien-In Henry  
*High Efficiency SIGINT Collection*  
EDAptive Computing, Inc.  
$20,000

Ciarallo, Frank W.  
*NLC-FDC Delivery Schedule Analysis*  
Cardinal Health  
$37,000

Dong, Haibo  
Miller, Aaron N.  
*Modeling the Current Distribution and Optimizing the Design of Transcranial Direct Current Stimulation Electrodes*  
InfoSciTex  
$10,950

Fendley, Mary E.  
Shalin, Valerie L.  
*Analyst Test Bed (ATB)*  
Wright State Applied Research Corporation  
$55,000
Fendley, Mary E.  
*Cognitive Measures and Modeling for Persistent Surveillance*  
Radiance Technologies  
$49,980

Fendley, Mary E.  
*Support for Evaluating the Human Effectiveness of FPAT*  
Radiance Technologies  
$22,500

Gallagher, John C.  
*Portable Aerial Layered Ordinance (PALODE-11b)*  
Ohio Aerospace Institute  
$7,000

Gallimore, Jennie J.  
*Women's Health Education Innovation Grant Analysis*  
Veterans Affairs Medical Center  
$7,000

Ganapathy, Subhashini  
*Intelligent Information Presentation Using Mobile Devices*  
Wright State Applied Research Corporation  
$34,000

Ganapathy, Subhashini  
*Mobile Intelligent Security and Support*  
Intel  
$30,000

Ganapathy, Subhashini  
*Security and Usability Analysis - Identity Protection Technology*  
Intel  
$25,000

Ganapathy, Subhashini  
*Gesture Interaction Research Study - Windows 8*  
Intel  
$20,000

Garber, Fred D.  
*High Resolution Broad Bandwidth Direct Conversion Receiver*  
RBS Technologies, LLC  
$26,000

Grandhi, Ramana V.  
*Collaborative Center in Multidisciplinary Sciences (CCMS)*  
Virginia Polytechnic Institute and State University  
$32,000

Hangartner, Thomas N.  
*Bone-Density Data Analysis*  
Shire Human Genetic Therapies, Inc.  
$4,341

Huang, George  
*WSU/Mound Laser & Photonics Center, Inc. Shared Faculty Position*  
Mound Laser and Photonics Center, Inc.  
$615,012

Kashou, Nasser H.  
$9,000

Kazimierczuk, Marian K.  
*Microscale Power Conversion (MPC)*  
Rockwell Collins Inc.  
$88,066

Kidambi, Phani  
*Dayton Means Internships, Co-ops, and Jobs - Indus Valley Consultants, Inc. Graduate Assistantship*  
Indus Valley Consultants, Inc.  
$33,048

Mawasha, P. Ruby  
*OSGC Travel Allocation Funds 2012-2013*  
Ohio Space Grant Consortium  
$3,500

Menart, James A.  
*Next-Generation Ion Thruster Design Tool to Support Future Space Missions*  
Tech-X Corporation  
$100,003

Menart, James A.  
*Hance, Dennis J Rowland, III, James F. Solar Irrigation Instrumentation System*  
City of Piqua, Ohio  
$4,000

Menart, James A.  
*Solar Irrigation Instrumentation System*  
City of Piqua, Ohio  
$4,000

Narayanan, Sundaram  
*Skipper, Julie A. Kidambi, Phani Bennett, Kevin B. He, Ping Neuroscience and Medical Imaging*  
DoD, Air Force, Air Force Research Laboratory  
$1,246,139

Narayanan, Sundaram  
*Interactions with Semi-Autonomous Remotely Piloted Vehicles*  
DoD, Air Force, Air Force Research Laboratory  
$588,000
Phillips, Chandler A.
_Pilot and Workload State Monitoring_
Ball Aerospace
$12,000

Rigling, Brian D.
Garber, Fred D.
_Center for Automatic Target Recognition: Summer Intern Program_
DoD, Air Force, Air Force Research Laboratory
$119,485

Rigling, Brian D.
Garber, Fred D.
_Image Truthing of WAMI Data Sets_
DoD, Air Force, Air Force Research Laboratory
$378,000

Rigling, Brian D.
Layered Sensing Student Research
DoD, Air Force, Air Force Research Laboratory
$80,515

Rigling, Brian D.
Collaborative Center for Surveillance Research
More Than One Source of Support
$44,000

Roberts, Rory A.
_Design and Fabrication of an Exhaust Driven Fan for Micro-Jet Engines_
Universal Technology Corporation
$11,696

Shaw, Arnab K.
_Synthetic Aperture Ladar Image Formation and Exploitation_
Science Applications International Corporation
$59,276

Slater, Joseph C.
_Structural Dynamics and Mechanics of Gas Turbine Engine Components_
Universal Technology Corporation
$7,140

Wang, Bin
_Anomaly Detection in Sensor Networks for Quality Assured Situational Awareness_
Central State University
$17,500

Wischgoll, Thomas
_CT-Based Diagnosis of Diffuse Coronary Artery Disease_
Indiana University
$91,913

Wischgoll, Thomas
_Visual Analytics for General Recognition Theory (GRT) and Computer Forensics_
High Performance Technologies, Inc. (HPTi)
$42,309

Wu, Zhiqiang
_Research of Multi-Function Software Defined Architecture Based Cognitive Electronic Warfare Technology_
MacAulay-Brown, Inc.
$23,700

Petkie, Douglas T.
_Summer and Year at the Edge_
DoD, Air Force, Air Force Research Laboratory
$525,000

Zhuang, Yan
_Thin Film Polymeric Frequency Selective Artificial Cochlea_
Advratech, LLC
$23,400

Brun, Carl F.
_Central State University Application for CSWE Candidacy_
Ohio Department of Job and Family Services
$14,200

Dockery, Jane L.
_Community Health Needs Assessment_
Clark County Combined Health District
$16,838

Dockery, Jane L.
_Community Needs Assessment for Madison County_
Madison County Commissioners
$16,000

Dockery, Jane L.
_Washington Township Citizen Perception Survey of Government Services_
Washington Township
$8,500

Dockery, Jane L.
_SCC Facilitation Support_
Sinclair Community College
$1,500

Xue, Kefu
Kennedy, Sandra D.
*Efficiently Managing Your OLOI Project, Project Assessment, and Strategic Planning*
Veterans Affairs Medical Center
$3,060

**College of Nursing and Health**

Bharwani, Govind
*COURSE DEVELOPMENT AND IMPLEMENTATION FOR PERSONS WITH DEMENTIA AND THEIR CAREGIVERS*
St. Leonard
$2,500

Curry, Donna M.
*CHOOSE OHIO FIRST: PRIMARY CARE NURSING SCHOLARSHIPS AND CURRICULUM ENRICHMENT*
Ohio Board of Regents
$85,000

Knowles, Harriet Grace
*KINDRED SIMULATION SERVICE*
Kindred Hospital - Dayton
$8,017

Mainous, Rosalie O'Dell
*Miami Valley Hospital Operating Agreement*
Miami Valley Hospital
$45,000

Mainous, Rosalie O'Dell
*Travel Support to the Center for Creative Leadership*
Center for Creative Leadership
$377

**College of Science and Mathematics**

Arlian, Larry G.
Morgan, Marjorie S.
*SCABIES: BIOLOGY, CULTURE, HOST SPECIFICITY, AND ANTIGENS*
DHHS, National Institute of Allergy and Infectious Diseases (NIAID)
$328,500

Arlian, Larry G.
Morgan, Marjorie S.
*INDOOR ALLERGEN ANALYSIS Wipe Tests*
S.C. Johnson & Son, Inc.
$37,751

Basista, Beth A.
Mathews, Susann M.
*MATHEMATICAL MODELING IN SCIENCE AND ENGINEERING FOR HIGH SCHOOL MATH AND SCIENCE TEACHERS*
Ohio Board of Regents - Title II
$91,590

Brown, Elliott
*HIGH-RESOLUTION SENSING OF DNA NANOSTRUCTURES IN THE THz REGION*
University of California
$127,641

Brown, Elliott
*1550-nm EXTRINSIC-GaAs PHOTOMIXERS, ARRAYS AND SPECTROMETERS*
DoD, Army Research Office
$92,248

Brown, Elliott
*III-N DEVICES AND ARCHITECTURES FOR THz ELECTRONICS*
University of Notre Dame
$75,730
Brown, Elliott
Martin, Matthieu R.
*Pump Probe Characterization of Wide-Bandgap Photoconductors*
Lawrence Livermore National Laboratory
$22,718

Excoffon, Katherine
*Public Library of Science Publication*
Lovelace Respiratory Research Institute
$500

Farlow, Gary C.
*Dynamitron Use and Maintenance in Support of Collaborative Material Science Research*
Air Force Institute of Technology (AFIT)
$171

Flach, John M.
Bennett, Kevin B.
*Sirius Program*
$30,000

Hammerschmidt, Chad R.
*Collaborative Research: GEOTRACES: Pacific Section: Mercury Speciation Along a Zonal Section in the Eastern Tropical South Pacific*
NSF, Grants for Scientific Research
$179,081

Hammerschmidt, Chad R.
*Mercury Analysis of Environmental Samples*
More Than One Source of Support
$4,492

Hartzler, Lynn
*EAGER: Identification of Chemosensitive Regions in Brainstems of Herps*
NSF, Grants for Scientific Research
$188,746

Hartzler, Lynn
Santin, Joseph M.
*Peter K. Lauf Travel Award*
Ohio Physiological Society
$500

Higgins, Steven R.
*Bahn, Volker*
*Habitat Preferences of Pileated Woodpeckers (Dryocopus pileatus)*
Sigma XI
$400

Holtvoigt, Anna L.
*Bahn, Volker*
*Habitat Preferences of Pileated Woodpeckers (Dryocopus pileatus)*
Sigma XI
$400

Houpt, Joe
*Dynamic Generalizations of Systems Factorial Technology for Modeling Perception of Fused Information*
DoD, Air Force Office of Scientific Research (AFOSR)
$144,939

Howard, Jennifer Diane
Amon, James P.
*Distribution of Plants in Wetlands*
H.M. Services, LLC
$2,500

Kozak, Juliusz Ashot
*Regulation of Ca2+ Entry Pathways by pH and PI (3,4,5) P3 in Human T. Lymphocyte Activation*
American Heart Association - National
$77,000

Kozlowski, Gregory
*9th International Conference on Diffusion in Solids and Liquids*
European Office of Aerospace Research and Development
$10,000

Look, David C.
*Terahertz Frequency Materials Testing at Cryogenic Temperatures and in High Magnetic Fields*
Lake Shore Cryotronics, Inc.
$50,000

Look, David C.
*High Speed Laser Crystallization of Aluminum, doped ZnO (AZO) Nanoparticles for High Performance Transparent Conductive Oxide (CTO) Layer*
Teleos Solar
$10,000

Look, David C.
*Hall Effect Measurements*
More Than One Source of Support
$1,000

Lunsford, Suzanne K.
Slattery, William
*Partners in Integrated Earth Systems Science (PIES)*
Ohio Board of Regents - Title II
$67,471
Peters, Jeffrey L.
\textit{A Genomic Appraisal of the Taxonomic Distinctiveness of Florida and West Gulf Coast Mottled Ducks}
Florida Fish and Wildlife Conservation Commission
$10,000

Lavretsky, Phillip

Petkie, Douglas T.
\textit{Small Human Discrimination}
InfoSciTex
$67,775

Reed, Michelle K.
\textit{Project knoTiT 3.0: Mobilizing National Educator Talent}
Ohio State University
$45,017

Reed, Michelle K.
\textit{Project KNOTiT: Strengthening Systems Capacity Collaboratively with Kansas, Nevada, Ohio, and Texas Foundation}
Ohio State University
$4,000

Ritzi, Jr., Robert W.
\textit{Ground Water Protection Program 2013}
Cemex
$20,000

Schneider, Tamera
\textit{The Nature of Trust}
Systems Research and Applications International
$28,179

Shebilske, Wayne L.
\textit{Research and Analytical Support for the 711th HPW Human Effectiveness Directorate}
DoD, Air Force, Air Force Research Laboratory
$195,291

Shebilske, Wayne L.
\textit{Human-Machine Trust for Robust Autonomous ISR Systems}
Systems Research and Applications International
$26,956

Slattery, William
Lunsford, Suzanne K.
\textit{Science Teaching for Ohio’s New Economy (STONE)}
Ohio Board of Regents - Title II
$56,385

Stireman, John O.
\textit{Collaborative Research: The Phylogeny and Evolution of World Tachinidae (DIPTERA)}
NSF, Grants for Scientific Research
$240,772

Tarpey, Thaddeus
\textit{Characterizing Placebo Response to Active Treatment Using Very High Dimensional Data}
New York University School of Medicine
$96,177

Tosa, Sachiko
Farrell, Ann M.
\textit{Lesson Study: Research on Teaching and Learning}
Ohio Board of Regents - Title II
$129,716

Watamaniuk, Scott N. J.
\textit{Attention Allocation for Voluntary Smooth Eye Movements}
Smith-Kettlewell Eye Research Institute
$77,028

\textbf{Multicultural Affairs and Community Engagement}

Vlasnik, Amber L.
Spencer, Stephanie Nicole
\textit{Learn, Negotiate, Succeed: Educating to End the Wage Gap}
American Association of University Women
$4,275

\textbf{Raj Soin College of Business}

Gregorich, Earl
\textit{Small Business Development Center}
Ohio Development Services Agency
$129,000

Gregorich, Earl
\textit{Entrepreneurship Project Pilot Program}
Ohio Department of Development
$15,000

Marshalek, Kathleen A.
\textit{2013 Dayton ITAC at WSU}
Ohio Department of Development
$65,000

Munch, James M.
\textit{Emerging Leaders Program}
Speedway SuperAmerica LLC
$61,500

Williams, Scott
\textit{TechNet Collaboration}
Development Projects, Inc.
$6,000

Williams, Scott
\textit{KnowledgeNow Competitive Pricing Study}
Development Projects, Inc.
$4,000
We congratulate those receiving external funds and encourage those with unfunded proposals to consult with us about resubmission.

School of Professional Psychology

James, Larry
**REEP: Research and Evaluation Enhancement Program**
Ohio Commission on Minority Health
$75,000

James, Larry
**LOMH/MIH Capacity Building Project**
Ohio Commission on Minority Health
$42,965

James, Larry
**Michigan Department of Community Health Capacity Building Program Evaluation**
Southeastern Michigan Health Association
$30,000

James, Larry
**Evaluation of the State Partnership Grant for the Ohio Commission on Minority Health**
Ohio Commission on Minority Health
$12,000

Warfield, Janece
**PECE-PACT: Parents Early Childhood Education/Positive Action Choices Training**
Montgomery County ADAMH Services Board
$34,643

Student Affairs

Cooper, Mary Maureen
Hill, Sara Jane
**Student-Athlete Opportunity Fund (SAOF)**
Horizon League
$69,633

Vanzant, Melissa June
**Mobile Technology Initiative**
Ohio Governor's Office of Criminal Justice Services
$12,000

Vice President for Research

Cook, Anita I.
**OhioLINK**
Ohio Board of Regents
$3,050,000

Fendley, Ryan D.
**Business and Technical Support Services**
Wright State Applied Research Corporation
$2,715,103

Grimes, Keith David
**Aerospace Technology Evaluation and Assessment (ATEA) TO 0014**
InfoSciTex
$238,800

Grimes, Keith David
**Interactions with Semi-Automatic Remotely Piloted Vehicles (I MACE)**
InfoSciTex
$69,993

Winfrey, LaPearl L.
**Practicum Training: ADAMHS Board: 2012/2013**
Montgomery County ADAMH Services Board
$31,000

Gross, David C.
**InfoSciTex: Task Order 0013**
InfoSciTex
$231,040

Miller, Aaron N.
**Warfighter Interface Readiness Technology Operations (WIRTO) Support**
Ball Aerospace
$26,000

Rapoch, Terence G.
**Quantitative Metrics Analysis**
Wright State Applied Research Corporation
$35,620

Wysong, Mark
**Testing and Test Assets Support**
MacAulay-Brown, Inc.
$54,507

Wysong, Mark
**SSA Health IT Records**
Social Security Administration
$750