

# RESEARCH NEWS

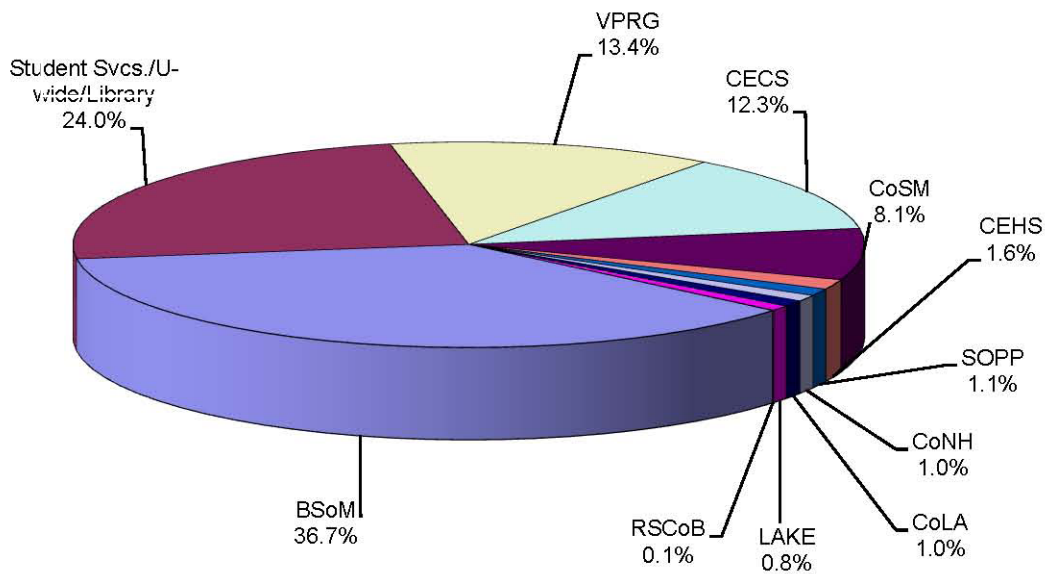
From the Office of Research and Sponsored Programs - Serving the Research Community of Wright State University

Fall 2010 Vol 42 No 1

201J University Hall Telephone 775-2425

## WSU Exceeds All Other Years in 2010 External Funding

The faculty and staff at Wright State University continue a tradition of exceeding all previous records of awards received for external grants and contracts with a total of 610 awards received totaling \$94,111,241 for Fiscal Year 2010. A breakdown by campus area is noted below.



RSP would like to commend not only the faculty and staff that received awards, but also all of those who submitted proposals last year. A total of 944 proposals were submitted by faculty and staff of WSU during the past fiscal year.

We at RSP are here to assist the faculty and staff of WSU with locating

funding opportunities and with the proposal submission process. If you have an idea for a project and would like to turn that idea into a proposal, we invite you to stop by our office at 201J University Hall to discuss your ideas and learn about the ways

that our office can help you match your interests with possible funding sources. You may also visit our web site at <http://www.wright.edu/rsp> for information about the services we offer.

For a complete breakdown on amounts, categories, and sources of funding for FY2010, please go to the RSP website.

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# Notes from the RSP

We live in a world of acronyms, and I believe that we illustrate that every day in RSP (Research and Sponsored Programs). Here is an example of a typical statement that might be uttered by an RSP staff member:

WSU just received an NSF grant with the new RCR requirements. Let's inform the PI that CITI training is available, and the link is at the RSP website: <http://www.wright.edu/rsp/rcr.html>.

**Translation:** *Wright State University just received a National Science Foundation grant with the new Responsible Conduct of Research (RCR) Requirements. Let's inform the Principal Investigator that Collaborative Institutional Training Initiative training is available, and the link is at the Research and Sponsored Programs website: <http://www.wright.edu/rsp/rcr.html>.*

## Deconstructed Translation:

*Wright State University faculty members have successfully competed for federal funds at the highest level. Effective with proposals submitted in January 2010, the National Science Foundation requires that institutions applying for financial assistance have in place a plan for the training of undergraduates, graduate students, and post-docs on the Responsible Conduct of Research. While there are many avenues for fulfillment of the training, one mechanism is the online tool known as CITI. Research and Sponsored Programs has developed a Responsible Conduct of Research website at: <http://www.wright.edu/rsp/rcr.html>, which includes a number of relevant links, course offerings, and announcements of upcoming workshops. We encourage you to visit the website.*

We are also happy to report that we have now received two National Science Foundation grants that include the requirements for RCR. Congratulations to our faculty on their funding success!

Ellen



## Staff NEWS

### New Director Named

We would like to congratulate Reid Smith on his promotion to Director, Technology Transfer and Development. Reid, who earned his Bachelor of Science in Biology from Indiana University and his MBA from the University of Chicago, came to Wright State in 2008. Reid had previously worked at the University of Cincinnati since 2001, where he served as the Associate Director in the Office of Intellectual Property.

In his new role, Reid will lead Wright State's Technology Transfer program which addresses technology disclosure questions, intellectual property issues, technology licensing, export control issues, and the development of business and marketing plans. A benefit to researchers is WSU has a royalty sharing policy that returns a certain percentage of any royalties or fees generated from a party (company) that licenses or buys the technology.

To contact Reid:

email: [reid.smith@wright.edu](mailto:reid.smith@wright.edu) or  
phone: 775-4277.

**Congratulations, Reid!**



## Wright State's RCR Plan



Wright State University (WSU) has adopted a plan in fulfillment of the National Science Foundation's (NSF) requirement that institutions that apply for financial assistance have a plan in place to provide training and oversight in the Responsible Conduct of Research

(RCR). The plan will be used in fulfillment of RCR obligations from all government agencies that implement this requirement.

This plan comprises training, certification, and monitoring phases applicable to undergraduate students, graduate students, and postdoctoral fellows who are

required by a funding agency to take RCR training. For more information, please visit <http://www.wright.edu/rsp/WSUR-CRPlan.pdf>.

To see NSF's information on the implementation of this rule, visit: <http://www.nsf.gov/bfa/dias/policy/rcr.jsp>

# NIH, AHRQ, and NIOSH Eliminate Error Correction Window for Due Dates On or After January 25, 2011

The National Institutes of Health (NIH), <http://www.nih.gov>, Agency for Healthcare Research and Quality (AHRQ), <http://www.ahrq.gov> and the National Institute for Occupational Safety and Health (NIOSH), <http://www.cdc.gov/niosh/> announce that *beginning with due dates on or after January 25, 2011*, NIH, AHRQ and NIOSH will **eliminate the error correction window from the application submission process**. The agencies have made this decision after carefully evaluating the comments received from the public in response to the RFI (Request for Information) released on March 12, 2010. Eliminating the error correction window will ensure consistent and fair deadlines for all applicants and better align these agencies' application submission processes with the submission processes of other federal agencies.

The error correction window originally was implemented in December 2005 as a temporary measure to facilitate the transition from paper to electronic submission of grant applications. The

window allowed applicants an opportunity after the deadline to correct missing or incorrect aspects of their applications, identified by NIH system-generated errors and warnings displayed to the applicant after submission.

Beginning on January 25, 2011, all applications submitted after 5 p.m. local time of the applicant organization on the due date will be subject to the NIH late policy and may not be accepted for review. In addition, any post-submission application materials will be subject to the new policy detailed in the NIH Guide Notice [NOT-OD-10-115](#).

Please note that NIH will continue to make accommodations for Federal system issues that threaten or prevent on-time submission of an individual application, if appropriately documented and verified by NIH support staff. Moreover, NIH still will determine and implement contingency plans on an as-needed basis for widespread system issues and natural disasters.

The agencies remain committed

to assisting all grant applicants through the electronic submission process. To this end, NIH conducts periodic reviews of its system validations and has made many changes over the years to relax enforcement of business rules that may not be necessary to perform a thorough scientific review of each application. NIH will continue to reevaluate its validations to determine the necessity of each.

**The elimination of the error correction window does not affect the two-business-day application viewing window** (i.e. the time an applicant has to view the electronic application image in eRA Commons upon NIH's receipt of an error-free application). Applicants still will be able to view their application and reject and submit a corrected application prior to the submission deadline. NIH, AHRQ and NIOSH encourage applicants to submit in advance of the due date to take advantage of the opportunity to correct errors and warnings and to review the application in the eRA Commons before the deadline.



## Make that Application Complete Upon Initial Submission

*In the fall (starting with applications submitted for the September 25, 2010 receipt date), the National Institutes of Health (NIH) will implement a **new policy restricting the types of late grant application materials they will accept.** The policy will encourage applications to be complete and ready for review upon submission*

NIH understands that sometimes events happen after the application has been submitted and before the review takes place that reviewers need to know about in order to provide an informed evaluation of the application. To accommodate these unforeseen circumstances, they will continue to allow certain types of late materials, such as:

- ✓ Revised budget page(s) (e.g., change in budget request due to new funding or institutional acquisition)
- ✓ Biographical sketches (e.g., change in senior/key personnel due to the loss of an investigator)

- ✓ Letters of support or collaboration resulting from a change in senior/key personnel due to the loss of an investigator
- ✓ Adjustments resulting from natural disasters (e.g., loss of an animal colony)
- ✓ Adjustments resulting from change of institution (e.g., PI moved to an other university)
- ✓ News of an article accepted for publication

As before, these materials must be received 30 days prior to the initial peer review and require the concurrence of the Authorized Organizational Representative to be included in the application. In addition, investigators will be able to submit a one-page explanation to accompany these materials. NIH will not accept substantial changes to the application such as updates to the Specific Aims or the Research Strategy, late-breaking

research findings, supplemental pages, and new letters of support that do not meet the aforementioned situation. These materials should be included in the initial application submission.

Note that there is an exception for many types of training programs. For these programs, NIH will allow three pages of post-submission materials to present new information or data about the applicants that was not available at the time of application submission.

To read more about these new policies, see the *Enhancing Peer Review Advance Notice: New NIH Policy on Post-Submission Application Materials* (NOT-OD-10-091 <http://grants.nih.gov/grants/guide/notice-files/not-od-10-091.html>) and *Enhancing Peer Review: Advance Notice on Post-Submission Application Materials*. for NIH Training and Related Applications (NOT-OD-10-104).

## NIH SNAP Progress Reports Become All Electronic

If you are submitting a progress report for a SNAP (Streamlined Noncompeting Award Process) eligible award, as of August 1 you must submit electronically using the eSNAP module in eRA

Commons (see June 2010 *Nexus* [article](#)). An updated *eSNAP User Guide* can assist first time users with this process. For technical assistance, contact the eRA Help Desk at <http://era.nih.gov/help/index>.

## *Sponsor ALERTS, Cont.* \_\_\_\_\_

### **FastLane Now Automates the *Check of Mentoring Plans* for Proposals Reflecting Postdoctoral Researchers:**

Starting Saturday, April 24, 2010, FastLane began automated checking of proposals that require postdoctoral mentoring plans.

Proposals that do not include the requisite plan are prevented from being submitted, until the plan has been uploaded as a 'Mentoring Plan' under the Supplementary Documents.

As a reminder, the instructions in Chapter II.C.2.j of the *Grant Proposal Guide* stipulate that each proposal that requests funding to support postdoctoral researchers must include, as a supplementary document, a description of the mentoring activities that will be provided for such individuals.

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

*new faculty and those just getting started in research*

to an

### **Orientation Seminar**

**Wednesday, October 27, 2010, 8:30 a.m. to 12:30 p.m.**

**E156 B & C Student Union**

*This seminar will include guidance on:*

- ✱ **locating research funding**
- ✱ **information regarding internal funding programs**
- ✱ **an introduction to the WSU proposal submission procedure**
- ✱ **advice on compliance issues**
- ✱ **contact information for assistance with the administration of external funds**
- ✱ **an overview and contact information from the Office of Technology Transfer and Development**

We will also demonstrate a *subscription-based funding opportunities database*, **COS (Community of Science)**, and information will be provided on adding yourself to RSP's Faculty Interest Profile database that is used to match faculty research interests to funding opportunities.

You will be introduced to all of the RSP staff—we look forward to seeing you there.

Please R.S.V.P. by October 20 to Jan Power, ext. 2425, [rsp@wright.edu](mailto:rsp@wright.edu)



## EXPORT CONTROL AND RESEARCH: WHAT YOU SHOULD KNOW

Wright State University is committed to supporting the research interests of the faculty, staff, and students in a way that reflects the importance of an open, ethical, and unrestricted research environment. *Within this setting, though, there are certain legitimate activities of the University which are restricted by operation of federal laws that govern the institution's legal ability to transfer or disseminate restricted articles or information, or participate in export controlled projects.* The University requires that all faculty, staff, students, volunteers, and visitors conduct their activities in compliance with all U.S. laws and regulations that govern the export of defense articles and defense services and the export of certain non-military or dual-use technologies identified as export controlled. Wright State acknowledges that collectively these laws and regulations serve critically important foreign policy and national security interests, and recognizes that violations of these laws can subject the individuals involved and the institution to severe criminal and civil penalties. The university's export control program is designed to provide resources to assist members of the WSU community involved in such activities in maintaining compliance with export control laws and regulations.

Concerns about the inappropriate transfer of new information,

technologies, and products with military applications outside the U.S. led to the passage of laws in the late 1970s that control exports of selected technologies and products. The three relevant statutes are: Section 38 of the Arms Export Control Act (22 USC 2778); the Export Administration Act of 1979 (50 USC app. 2401 - 2420); and the International Emergency Economic Powers Act (50 USC 1701 - 1706). Implementing regulations for the Arms Export Control Act are found in the International Traffic in Arms Regulations (ITAR) at 22 CFR 120-130 administered by Department of State. Implementing regulations for the other two statutes are found in the Export Administration Regulations (EAR) at 15 CFR 730-774 administered by the Department of Commerce. *Collectively, these laws only bear on university research activities that fall outside the scope of the fundamental research exemption provided for under the framework of regulations and laws governing export control.*

The expectation is that the fundamental research exemption, characterized in National Security Decision Directive NSDD189 (1985), will operate to keep data and results of fundamental research unrestricted by export control regulations. This NSDD defines fundamental research as "basic and applied research in science and engineering, the results

of which ordinarily are published and shared broadly within the scientific community, as distinguished from proprietary research and from industrial development, design, production, and product utilization, the results of which ordinarily are restricted for proprietary or national security reasons." However, when research is conducted outside this safe harbor, or when certain tangible items, software or export controlled information are to be shipped abroad, Wright State is obligated to obtain an export license when required or document a determination that no license is needed or an exception to export licensing requirements is applicable.

*The WSU Export Control website ([http://www.wright.edu/rsp/Security/export\\_controls.htm](http://www.wright.edu/rsp/Security/export_controls.htm)) provides background information on the various laws and regulations, as well as an export control decision tree that is designed to assist in evaluating whether an export license may be required in the context of a university research program.* Wright State's Export Control Officer can provide additional resources and guidance to assist the university community in maintaining compliance with the law.

WSU's Export Control Officer is Reid Smith, [reid.smith@wright.edu](mailto:reid.smith@wright.edu), Ext. 4277.



COS is a complete source for information that is vital throughout the research process.

### CV Management

Easily keep your CV up-to-date and ready to present in any format:

- Eliminates redundancy—you don't have to keep building your CV from scratch
- It's easily updated—enter your information once, then updating your CV with COS is a breeze!
- Your COS Expertise profile can be easily exported to a Word document for all of your CV needs

### Promote Your Research

Showcase your research to the worldwide research community.

- Other researchers search COS Expertise for collaborators and peer reviewers
- Media Offices use COS to find individuals to speak with journalists
- Sponsoring agencies use COS to find peer reviewers and researchers to fund

COS provides you with your own home page so you can promote your own research at <http://myprofile.cos.com/yourusername>

Information from COS Expertise is also included in its sister database, COS Scholar Universe, a multinational, global database of 1.5 million profiles of authors, researchers and other scholars that is searched by corporations, government agencies, academic institutions and individuals around the world.

### Identify Experts and Collaborators

Search the more than 400,000 profiles at over 1,200 institutions worldwide to find additional expertise you may need:

- Find project collaborators
- Learn who is doing what in your field
- Survey your competition.

### Find Funding

Use COS Funding Opportunities to search over 25, 000 records representing over 400,000 individual funding opportunities from numerous sponsors across all disciplines.

Let COS Funding Opportunities do the work for you. Create a search and save it, then run it again whenever you wish. You can also share it with others so they can run the search for themselves. You can save up to 40 searches.

You can also track up to 200 records on your COS Workbench, and then review them to see whether they have changed. Receive same-day alerts when your tracked records are updated. Organize your tracked records with tags, and share them with others.

Use COS Funding Alert as a link between your COS Expertise profile and COS Funding Opportunities to receive new and relevant funding information via e-mail every week.



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# RESEARCH CELEBRATION 2011

*The Office of Undergraduate Research and STEMM Activities  
will host  
the second annual*

## ***Research Celebration***

*showcasing research and scholarly accomplishments of  
Wright State graduate and undergraduate students*



*Friday, April 8, 2011*



*Conference Wing of the Student Union*



*A Poster Session will be held in the Apollo Room during lunch*



*Local companies will also be exhibiting*



***Please encourage your students to participate***

***Information for student presenters:*** Two presentation types – a 20 min. oral presentation (15 min. + 5 min. Q&A) *or* a poster session are available. There will also be space for group projects, performances, and demonstrations. Registration materials will be available on the Office of Undergraduate Research and STEMM Activities' website (<http://www.wright.edu/urop>). The deadline for registration is **Friday, March 11, 2011**. All registration materials must be submitted electronically to [UROP@wright.edu](mailto:UROP@wright.edu).

Please volunteer to moderate an oral session by sending an email to [Dominique.Belanger@wright.edu](mailto:Dominique.Belanger@wright.edu) (moderators make sure the sessions stay on time and continue in an orderly fashion). If you have any questions or comments, please contact Dominique Belanger at the above email.

# Frequently Asked Questions for Principal Investigators



## PreAward

### *Whom do I contact for help with submitting a grant/contract proposal?*

To find the RSP person responsible for your department or unit, please go to <http://www.wright.edu/rsp/pubs/RN/rsp-staff.html> and find your department name in the “Pre-Award” section of the RSP staff list. In the left-hand column you’ll find the name of your RSP contact.

### *Who is designated as the authorized institutional representative?*

The Assistant Vice President for Research, Ellen Reinsch Friese, has been delegated this authority.

### *Who is eligible to serve as a Principal Investigator on a proposal?*

Fully-affiliated faculty are eligible to become principal investigators. Adjunct faculty and staff may be eligible if they have the approval of their department chair and dean. Students and persons not employed at the university are not eligible unless there is a fully-affiliated faculty member acting as co-investigator.

### *Can there be more than one Principal Investigator on a proposal?*

It depends on the sponsor. If allowed and that is what you want, we can show more than one PI in the proposal. However, for internal purposes, the first PI shown will be considered to have overall responsibility for the project and be designated “Principal Investigator” whereas other PIs will be termed “Co-Investigators.”



### *Can I request funds for secretarial salary on a proposal to a federal agency?*

Federal rules require that administrative and secretarial salaries normally be treated as F&A costs and not charged directly to a grant. An exception may be made for a “major project,” that is defined as a project that requires an extensive amount of administrative or clerical support, which is significantly greater than the routine level of such services provided by academic units. Some examples of major project are described in Exhibit C found in the A21 cost principles at [http://www.whitehouse.gov/omb/circulars\\_a021\\_2004](http://www.whitehouse.gov/omb/circulars_a021_2004). If you are contemplating including these types of expenses in your budget, please discuss this with your RSP contact so that he/she can assist you with this determination.

*Continued below*

### ***What are F&A (facilities and administrative) costs (sometimes called indirect costs or overhead)?***

These are expenses that benefit grant/contract funded activities but are of such a nature that it would not be practical or cost-effective to try to calculate what the actual benefit is to particular projects. Typical expenses are maintenance, building depreciation, library costs, and various kinds of administrative functions (purchasing, payroll, RSP, etc.) that are employed indirectly to support your research and scholarly efforts. F&A costs are reimbursed through one or more rates that are negotiated with the federal government and then, normally, are applied as a percentage of most of the direct costs incurred on particular projects. At WSU, we have four negotiated rates depending on whether a project is research or something else, and depending on whether it is conducted on or off campus (see the F&A Cost Rate subheading at <http://www.wright.edu/rsp/rates.html>). Keep in mind that F&A rates represent an average amount of indirect costs borne by any given project. Also keep in mind that the actual award you receive may contain restrictions on how, to what extent, and even whether F&A costs are to be reimbursed by the sponsor.

### ***My research might involve human subjects, laboratory animals, or biohazards (e.g., recombinant DNA). What is the procedure for getting approval to do this?***

In each case, there is a committee that would review a “petition” that you would submit through RSP, namely the Institutional Review Board (IRB), Laboratory Animal Care and Use Committee (LACUC), or Institutional Biosafety Committee (IBC). For human subjects use, the petition form and relevant information are found at <http://www.wright.edu/rsp/subjects.html>. For laboratory animal use, the petition form is found at <http://www.wright.edu/rsp/subjects.html#animals>. And for biohazards the petition form is found at <http://www.wright.edu/rsp/IBC/biohazards.html>. If your research involves radiation-producing devices or radioactive materials, you would need to submit an approval form to the Radiation Safety Committee (see <http://www.wright.edu/admin/ehs/radsaftey.html>) within the Department of Environmental Health and Safety.

### ***How do I complete the NIH all personnel report?***

The NIH all personnel report is one part of the progress report required by NIH via eRA Commons/eS-NAP. The all personnel report requires the PI to list all personnel (salaried and unsalaried) for the current budget period at the applicant organization or elsewhere, who participated in the project during the current budget period for at least one person month or more, regardless of the source of compensation. You will need to include the eRA Commons ID (when applicable), names of individuals, all degrees, the last four digits of the social security number, role on the project, date of birth, and number of person months devoted to the project (indicate academic, calendar and/or summer months). For more details, see page 22 of the NIH instructions guide for PHS 2590 non-competing continuation progress report.



## **Post-Award**

### ***I'm not sure how to initiate transactions against my sponsored project funds. Whom do I contact for help after I receive funding?***

The best place to start is with your college/school Business Officer. RSP can also help. For general questions, please contact Glen Jones, Director of Post-Award ([glen.jones@wright.edu](mailto:glen.jones@wright.edu), 775-4461). For specific questions, go to <http://www.wright.edu/rsp/pubs/RN/rsp-staff.html> and scroll down to the Post-Award section of our staff listing. Then, locate the Grants Accountant who has responsibility for your department or sponsor.

*Continued below*

### *How do I monitor my funded award activity?*

You can get information on current activity by accessing Wings Express (Banner Finance Self-Serve). Instructions may be found at [http://www.wright.edu/rsp/Banner\\_instr.html](http://www.wright.edu/rsp/Banner_instr.html). If you don't have access to Wings Express, please contact your college/school Business Officer, who can also assist with other grant/contract financial questions you might have.

### *Why is effort reporting required?*

Effort reporting on federal grants/contracts is a requirement of OMB Circular A-21. For each quarter that you work on a federal project, you will receive a form to complete (see <http://www.wright.edu/rsp/effort.html>). In some sense an effort report is a federally- mandated timecard for faculty.

### *I need to spend award funds differently from what was proposed and awarded. Is this okay?*

It depends on the terms and conditions of your award. Fixed price agreements normally do not have restrictions; cost-reimbursement type awards often do. Most federal research awards are very flexible, as are most industry-funded and other private agreements. If you are unsure of what the restrictions might be in your particular case, please contact Yun Wu, Associate Director for Post-Award ([yun.wu@wright.edu](mailto:yun.wu@wright.edu), 775-2651).

*More guidance is available at <http://www.wright.edu/rsp/policies.html>, ext. 2425, or email [rsp@wright.edu](mailto:rsp@wright.edu)*

## **Proposal Writing 101**

*Have you wanted to write a grant proposal but don't know how to get started?*

*The Office of Research and Sponsored Programs is offering Proposal Writing 101*

*This lecture-style training walks novice grant writers through the process of writing a proposal and covers the basics, such as describing the main components of the proposal, where to find funding, proposal writing tips, and budget preparation.*

**Thursday, October 14, 2010**

**11:30-1:00**

**E163 Student Union.**

**Please RSVP by October 12th to Jan Power at ext. 2425 or via email to [rsp@wright.edu](mailto:rsp@wright.edu).**

*We look forward to seeing you there!*

# AWARDS

The grants and contracts on these pages were awarded from May 2010 through August 2010

## **Boonshoft School of Medicine**

**Baumann, Michael A.  
Paul, Cassandra C.**  
*License Agreement for  
AML14.3D10 Cell Lines*  
The Walter and Eliza Hall  
Institute of Medical Research  
\$1,500

**Bienenfeld, David G.**  
*Improving Ohio's Psychiatric  
Workforce Through  
Collaboration with the WSU  
Dept. of Psychiatry*  
Ohio Department of Mental  
Health  
\$80,000

**Bienenfeld, David G.**  
*Community Psychiatry Training  
Program*  
Ohio Department of Mental  
Health  
\$20,000

**Boivin, Gregory**  
*NIRVANA Project*  
Spectral Energetics, Inc.  
\$37,864

**Carlson, Robert G.  
Falck, Russel S.**  
*Comparing Acute and  
Continuous Drug Abuse Treat-  
ment: A Randomized Clinical  
Trial*  
DHHS, National Institute on  
Drug Abuse  
\$500,000

**Carlson, Robert G.  
Falck, Russel S.**  
*Buprenorphine Post-Marketing  
Surveillance*  
CRS Associates, LLC  
\$1,500

**Cauley, Katherine L.**  
*Authorized Release of Medical  
Information Through the  
Integration with the Nationwide  
Health Information Network*  
Social Security Administration  
\$999,000

**Cauley, Katherine L.**  
*Children's Health Insurance  
Program Reauthorization Act  
(CHIPRA) Outreach and  
Enrollment Grant Cycle I*  
Dayton Public Schools  
\$262,180

**Cauley, Katherine L.**  
*Testing and Demonstrations of  
the National Health Information  
Network (NHIN) Trial  
Implementations Through Health-  
Link RHIO at Wright State  
University*  
DHHS, National Library of  
Medicine (NLM)  
\$99,134

**Cauley, Katherine L.**  
*AHEC Support*  
Ohio Board of Regents  
\$37,004

**Chen, Yanfang  
Morris, Mariana  
Olson, James E.**  
*Balance of Angiotensin  
II/Angiotensin (1-1): A Target in  
Ischemic Stroke*  
DHHS, National Heart, Lung, and  
Blood Institute  
\$366,186

**Chumlea, W. Cameron  
Duren, Dana L.  
Sherwood, Richard J.  
Nahhas, Ramzi  
Khamis, Harry J.**  
*Updating Skeletal Maturity  
Methods for U.S. Children*  
DHHS, National Institute of  
Arthritis and Musculoskeletal and  
Skin Diseases  
\$358,314

**Clasen, Carla**  
*Ryan White Planning and  
Evaluation*  
Lucas County Regional Health  
District  
\$1,500

**Cope, Timothy C.  
Alvarez, Francisco J.  
Rich, Mark M.  
Engisch, Kathrin L.  
Fyffe, Robert E.W.**  
*Synaptic Function: Effects of the  
Nerve Injury, and Altered Activity*  
DHHS, National Institute of  
Neurological Disorders and  
Stroke  
\$939,837

**Czerwinski, Stefan Aleksander**  
**Siervogel, Roger M.**  
**Choh, Audrey**  
**Chumlea, W. Cameron**  
**Duren, Dana L.**  
**Lee, Miryoung**  
*Adiposity, Disease Risk Factors, and Lifetime Health*  
DHHS, National Institute of Child Health and Human Development  
\$1,392,023

**Dodge, Robin E.**  
*Aerospace Medicine Training for the Era of Moon, Mars, and Beyond*  
National Aeronautics and Space Administration  
\$100,000

**Dunn, Margaret M.**  
*Miscellaneous Awards Under DCOP Fiscal Agency Agreement*  
Dayton Clinical Oncology Program  
\$176,741

**Duren, Dana L.**  
**Siervogel, Roger M.**  
**Towne, Bradford**  
*Genetic, Somatic, and Maturation Influences on Pediatric Skeletal Health*  
DHHS, National Institute of Child Health and Human Development  
\$472,995

**Elsed, Khalid M.**  
*Role of Angiotensin Converting Enzyme 1 (ACE1) and ACE2 in the Regulation of Blood Pressure in Diabetes*  
American Heart Association - National  
\$65,000

**Falck, Russel S.**  
**Carlson, Robert G.**  
*Age-Related Services and Outcomes After DUI Interventions*  
University of Michigan  
\$55,806

**Ford, JoAnn**  
**Moore, Dennis C.**  
**Williams, Carlton**  
*Healthy Brothers - Healthy Sisters*  
DHHS, Substance Abuse and Mental Health Services Administration  
\$427,129

**Ford, JoAnn**  
**Moore, Dennis C.**  
**Williams, Carlton**  
*Our Women's Health Promotion Project (OWHPP)*  
DHHS, Substance Abuse and Mental Health Services Administration  
\$335,333

**Gebhart, Mark E.**  
*Pandemic Influenza Healthcare Preparedness*  
Greater Dayton Area Health Information Network  
\$7,200

**Gentile, Julie P.**  
*CCOE: Dual Diagnosis: MIMR*  
Ohio Department of Mental Health  
\$95,000

**Gillig, Paulette M.**  
*Professorship of Rural Psychiatry: Ohio Department of Mental Health*  
Ohio Department of Mental Health  
\$12,000

**Gomez-Cambronero, Julian**  
*Mechanisms of PLD Interaction with Kinases and Rac: Role on Phagocyte Chemotaxis*  
DHHS, National Heart, Lung, and Blood Institute  
\$287,000

**Hamilton, Glenn C.**  
*Regional Healthcare Preparedness Grant*  
Greater Dayton Area Health Information Network  
\$9,000

**Heffernan, Michael P.**  
*A Phase 2B, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging, Efficacy and Safety Study of Apremilast (CC-10004) in Subjects with Psoriasis*  
Celgene Corporation  
\$6,471

**Heffernan, Michael P.**  
*Phase 3 Study of Human Monoclonal Antibody Against IL-12 in Plaque Psoriasis*  
Abbott Laboratories  
\$649

**Kadokia, Madhavi P.**  
*Controlling Bioprocesses Using Peptide-Modified Scaffolds*  
Universal Energy Systems, Inc. (UES, Inc.)  
\$14,500

**Klykylo, William M.**  
*Support for Director of Child and Adolescent Psychiatry*  
Ohio Department of Mental Health  
\$41,267

**Lee, Miryoung**  
*Childhood Obesity and Sexual  
Maturation*  
Virginia Commonwealth  
University  
\$60,000

**Leffak, I. Michael**  
*Analysis of the Human c-myc  
Gene Replication Origin*  
DHHS, National Institute of  
General Medical Sciences  
\$301,889

**Leffak, I. Michael**  
**Liu, Guoqi**  
**Bubulya, Paula**  
*The Role of the DNA Unwinding  
Element Binding Protein,  
DUE-B, in DNA Replication*  
DHHS, National Institute of  
General Medical Science  
\$297,803

**Markert, Ronald J.**  
*IPA Services: VAMC*  
Veterans Affairs Medical Center  
\$1,869

**Markey, Michael**  
*Establishment of aCGH  
Capabilities Within the Center for  
Genomics Research*  
Dermatopathology Lab of Central  
States  
\$4,725

**Michail, Sonia K.**  
*The Use of VSL#3 in Irritable  
Bowel Syndrome in Children*  
DHHS, National Center for  
Complementary and Alternative  
Medicine  
\$0

**Moore, Dennis C.**  
*The Mount Olive One-Stop  
Center*  
DHHS, Substance Abuse and  
Mental Health Services  
Administration  
\$499,028

**Moore, Dennis C.**  
*Justice for All Women  
Collaboration Team*  
Montgomery County Family and  
Children First Council  
\$30,000

**Morris, Mariana**  
**Elased, Khalid M.**  
**Chen, Yanfang**  
*ACE Balance in the Cardio-  
vascular Complication of  
Diabetes*  
DHHS, National Heart, Lung, and  
Blood Institute  
\$358,750

**Morris, Mariana**  
*PREP Scholars*  
DHHS, National Institute of  
General Medical Sciences  
\$305,096

**Morris, Mariana**  
**Chumlea, W. Cameron**  
*Short-Term Health Research  
Training to Increase Diversity*  
DHHS, National Heart, Lung, and  
Blood Institute  
\$138,888

**Morris, Mariana**  
*Mechanism Elucidation of  
Enhanced Hippocampal Adult  
Neurogenesis in Ames Dwarf  
Mice (Mus Musculus)*  
Henry M. Jackson Foundation  
\$35,000

**Morrison, Ann K.**  
*Adult Professorship of Community  
Psychiatry: Ohio Department of  
Mental Health*  
Ohio Department of Mental Health  
\$20,000

**Organisciak, Daniel T.**  
*Antioxidants and Retinal Gene  
Expression Profiles*  
Ohio Lions Eye Research  
Foundation  
\$7,500

**Organisciak, Daniel T.**  
*Prevention of Light-Induced  
Retinal Degeneration by Natural  
Substances*  
Alcon Laboratories, Inc.  
\$5,699

**Paliy, Oleg**  
**Reo, Nicholas V.**  
**Raymer, Michael L.**  
**Michail, Sonia K.**  
*Quantitative Measurements of  
Intestinal Metabolites in Healthy  
and IBS Children*  
DHHS, National Institute of Child  
Health and Human Development  
\$72,500

**Pickoff, Arthur S.**  
*Reach Out of Montgomery County  
(Fiscal Year 2010/2011)*  
Reach Out of Montgomery County  
\$90,499

**Prayson, Michael J.**  
*Fluid Lavage of Open Wounds  
(FLOW): A Multi-Center, Blinded,  
Factorial Trial Comparing  
Alternative Irrigating Solutions  
and Pressures in Patients with  
Open Fractures*  
Greenville Hospital System  
\$0

**Reo, Nicholas V.**  
**Raymer, Michael L.**  
*NMR-Based Metabolomics in Toxicology Research*  
Henry M. Jackson Foundation  
\$81,088

**Rich, Mark M.**  
*Muscle and Neuromuscular Junctions in Spinal Muscular Atrophy*  
Johns Hopkins University  
\$38,253

**Sulentic, Courtney E.W.**  
*3'alpha Enhancer Regulation by AhR and NF-kappaB/Rel Proteins*  
DHHS, National Institute of Environmental Health Sciences  
\$16,820

**Towne, Bradford**  
**Czerwinski, Stefan Aleksander**  
*Genetics of Bone Structure and Metabolism*  
Southwest Foundation for Biomedical Research  
\$59,700

**Trevino, Julian J.**  
*Psoriasis Longitudinal Assessment and Registry (PSOLAR)*  
Centocor, Inc.  
\$2,452

**Wyatt, Christopher N.**  
*The Effect of Putative Respiratory Stimulants on Carotid Body Type I Cells*  
Galleon Pharmaceuticals  
\$16,550

**Xu, Yong-Jie**  
*Phosphorylation Network of the DNA Replication Check Point in Fission Yeast*  
Ohio Cancer Research Associates  
\$30,000

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

**Bernhardt, Gregory R.**  
**Grushon, Matthew Gentry**  
*Dayton STEM Hub*  
Ohio Board of Regents  
\$978,468

**Bernhardt, Gregory R.**  
*Ohio STEM Learning Network*  
Ohio STEM Learning Network  
\$170,000

**Davis, Stephanie**  
*Capacity-Building Faculty Support Grant FY 2011 From Carl Perkins Foundation*  
Ohio Department of Education  
\$71,710

**Risacher, Joanne**  
*SOCHE Internship*  
Southwestern Ohio Council for Higher Education  
\$17,976

**Risacher, Joanne**  
*Clark State Community College Internship*  
Clark State Community College  
\$17,976

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

**Bourbakis, Nikolaos G.**  
*Host Computer's Security Workshop*  
DoD, Office of Naval Research  
\$23,117

**Chung, Soon M.**  
**Bangert, Austin D.**  
*Service-Oriented Integration of Distributed Biomechanical Engineering Resources*  
Dayton Area Graduate Studies Institute  
\$7,434

**Dong, Guozhu**  
*Knowledge Transfer Oriented Data Mining with Focus on the Decision Trees Knowledge Type*  
NSF, Miscellaneous  
\$100,000

**Dong, Haibo**  
**Martin, Richard**  
*Computational Investigation of Wake Structures and Performance of Rigid-Flexible Flapping-Wings Undergoing Plunging/Pitching Motion*  
Dayton Area Graduate Studies Institute  
\$57,853

**Dong, Haibo**  
**Pollock, Brad P.**  
*Optimization of Direct Fuel Injection in the Rotax Engine with the Application of Low Octane Air Force Jet Fuels*  
Dayton Area Graduate Studies Institute  
\$31,393

**Emmert, John M.**  
*Electronic, Optical, and Electro-Optical Materials Research: Mixed-Signal Component Design*  
University of Dayton  
\$92,997

**Gallimore, Jennie J.**  
*Wireless Phone Distraction Research*  
Transportation Research Center Inc.  
\$107,049

**Gallimore, Jennie J.**  
*Backover Avoidance Study*  
Transportation Research Center Inc.  
\$83,477

**Gallimore, Jennie J.**  
*IPA-Services: VAMC: Gallimore Veterans Affairs Medical Center*  
\$28,177

**Garber, Fred D.**  
*Performance Estimation of SAR Imagery*  
Using NIIRS Techniques  
Etegent Technologies, Ltd.  
\$30,000

**Goshtasby, A. Ardeshir**  
**Jackson, Brian P.**  
*Automated Streaming Imagery Filter Selection*  
Dayton Area Graduate Studies Institute  
\$63,523

**Goswami, Tarun**  
*Turbine Engine Component Design*  
Universal Technology Corporation  
\$190,977

**Goswami, Tarun**  
*Turbine Engine Retirement for Cause (RFC) Component Implementation: Phase I*  
Universal Technology Corporation  
\$138,133

**Grandhi, Ramana V.**  
*LSP for Reliable Fatigue Life*  
General Dynamics Information Technology, Inc.  
\$92,200

**Grandhi, Ramana V.**  
**Gannon, Kenneth M.**  
*Reliability-Based Transonic Flutter Analysis of Supersonic Aircraft Designs*  
Dayton Area Graduate Studies Institute  
\$63,523

**Grandhi, Ramana V.**  
**Malik, Arif**  
*REU Supplement: Simulation of Coil Wedge Effects in Sheet Rolling*  
NSF, Miscellaneous  
\$6,000

**He, Ping**  
**Twyman, II, Marlon D.**  
*High-Density Electroencephalographic Source Localization for Workload Assessment in Complex Cognitive Tasks*  
Dayton Area Graduate Studies Institute  
\$57,853

**He, Ping**  
**Crossen, Samantha L.**  
*Investigation of Day-to-Day and Individual Variability in Physiology-Based Operator Functional State Assessment*  
Dayton Area Graduate Studies Institute  
\$15,014

**Huang, George**  
*Center for Micro Air Vehicle Studies (CMAVS)*  
DoD, Air Force, Air Force Research Laboratory  
\$250,000

**Huang, George**  
*Collaboration Agreement with Software Cradle Company*  
Software Cradle Co., Ltd.  
\$200,000

**Huang, George**  
**Shang, Joseph J.S.**  
**Menart, James A.**  
*A Joint WSU/AFRL Center for Advanced Power and Energy Conversion Research (CAPEC)*  
DoD, Air Force, Air Force Research Laboratory  
\$110,000

**Jean, Jack S.**  
**Fendley, Mary E.**  
*Wright State Research Institute: Acclimate: Asset Tracking System Proposal*  
Acclimate Technologies, Inc.  
\$140,000

**Klingbeil, Nathan W.**  
**Baudendistel, Craig M.**  
*Structured Dynamics and Mechanics of Turbomachinery Components*  
Dayton Area Graduate Studies Institute  
\$63,281

**Mawasha, P. Ruby**  
*Ohio Space Grant Consortium Scholarship/Fellowship Program 2010/2011*  
Ohio Space Grant Consortium  
\$25,000

**Mawasha, P. Ruby**  
*OSGC Campus Allocation Funds 2010/2011*  
Ohio Space Grant Consortium  
\$3,000

**Menart, James A.**

*Computational Investigation of the NEXT Ion Engine Discharge Chamber Using a Detailed PIC-MCC Computer Model*  
National Aeronautics and Space Administration  
\$40,986

**Meyer, Karen**

*Alexander, Matthew R. Future Jobs Internship: Matt Alexander*  
Clark State Community College  
\$4,000

**Mukhopadhyay, Sharmila M.**

**Barney, Ian Timothy**  
*Thermally Responsive Encapsulated Phase Change Materials*  
Dayton Area Graduate Studies Institute  
\$63,524

**Mukhopadhyay, Sharmila M.**

*Surface Modification of Porous Carbon Structures*  
Dayton Area Graduate Studies Institute  
\$20,000

**Mukhopadhyay, Sharmila M.**

**Maleszewski, Adam A.**  
*Functionalization of Carbon Nanostructures with Metal-Based Nanoparticles*  
Dayton Area Graduate Studies Institute  
\$15,014

**Narayanan, Sundaram**

*Scenario-Based Training Research*  
Center for Operator Performance  
\$64,665

**Narayanan, Sundaram**

*Open Innovation Program*  
The Wright Brothers Institute, Inc.  
\$36,677

**Narayanan, Sundaram**

*Research Hadoop: A Parallelized, Highly Scalable Cluster Computing Framework*  
SIRSAI, Inc.  
\$17,400

**Parikh, Pratik**

*Integrated Supply Chain Planning and Optimization*  
OpSimplex LLC  
\$2,875

**Penmetsa, Ravi C.**

**Guo, Jia**  
*Forecasting Aircraft Usage for Prognostics*  
University of Illinois  
\$97,629

**Penmetsa, Ravi C.**

**Thomas, Michael A.**  
*Probabilistic Cohesive Zone Model-Based Structural Life Forecasting*  
Dayton Area Graduate Studies Institute  
\$57,853

**Penmetsa, Ravi C.**

*Risk-Based Design of Air Vehicle Structures*  
University of Illinois  
\$30,325

**Rattan, Kuldip S.**

**Baine, Nicholas A.**  
*Integrated GPS/IMU Optical Navigation Systems with System Fault Detection*  
Dayton Area Graduate Studies Institute  
\$63,523

**Raymer, Michael L.**

*Ohio Consortium for Bioinformatics*  
Ohio University  
\$47,000

**Ren, Saiyu**

*AF083-153 Digital Synthesizer with Tuning Filter*  
RBS Technologies, LLC  
\$105,000

**Rigling, Brian D.**

**Garber, Fred D.**  
*Center for Automatic Target Recognition Research*  
Ohio State University  
\$116,000

**Rigling, Brian D.**

*Collaborative Center for Surveillance Research*  
More Than One Source of Support  
\$22,000

**Rizki, Mateen M.**

*Feature Analysis for Threat Assessment with Exploitable Human Signatures*  
Ohio State University  
\$114,000

**Sheth, Amit**

**Thirunarayan, Krishnaprasad**  
*Trusted Semantic Sensor Network: Phase I*  
Science Applications International Corporation  
\$177,292

**Sheth, Amit**

**Henson, Cory A.**  
*Architectures for Secure Semantic Sensor Networks for Multi-Layered Sensing*  
Dayton Area Graduate Studies Institute  
\$63,281

**Sheth, Amit**

*REU Supplement: III-SGER: Spatio-Temporal-Thematic Queries of Semantic Web Data: A Study of Expressivity and Efficiency*  
NSF, Miscellaneous  
\$16,000

**Shingledecker, Clark****Vernooy, Jeffrey A.**

*Starting Wright: An Interactive Webcast Program To Prepare Students with Disabilities and Parents for Transition to Postsecondary Education and Careers in STEM*  
Ohio Rehabilitation Services Commission  
\$92,474

**Skipper, Julie****Davis, Jennifer R.**

*Operator Functional State Assessment Through Multimodal Imaging*  
Dayton Area Graduate Studies Institute  
\$57,853

**Skipper, Julie**

*Multispectral Biometric Data Collection*  
Ball Aerospace  
\$2,500

**Slater, Joseph C.****Gaerke, Joshua P.**

*Application of the Campbell Design Concept to Identification of Fatigue Cracks in Bladed Disk Assemblies*  
Dayton Area Graduate Studies Institute  
\$57,853

**Srinivasan, Raghavan**

*Evaluation of High Temperature Deformation Behavior of Titanium Alloy*  
RTI International Metals, Inc.  
\$3,000

**Wang, Bin****Pei, Yong****Wu, Zhiqiang**

*Wright Center for Sensor System Engineering (WCSSE): Low-Cost Wideband Radio Frequency Sensor for Cognitive Radio Networks*  
Cleveland State University  
\$232,709

**Wang, Bin****Wu, Zhiqiang**

*Waveforms Optimization for Electronic Warfare Countermeasures Development*  
MRLets Technologies, Inc.  
\$65,000

**Wang, Shaojun**

*Semi-Supervised Discriminative Structured Prediction*  
DoD, Air Force Office of Scientific Research  
\$119,712

**Wischgoll, Thomas**

*CT-Based Diagnosis of Diffuse Coronary Artery Disease*  
Indiana University  
\$91,988

**Wischgoll, Thomas**

*IPA-Services: VAMC: Wischgoll*  
Veterans Affairs Medical Center  
\$14,165

**Young, Henry Daniel**

*Fabrication, Characterization, and Testing of Graded Solid Oxide Fuel Cell Capacitor Layers*  
Universal Energy Systems, Inc.  
\$13,600

**Zhang, Xiaodong**

*Multi-Agent Health Management System*  
Intelligent Automation, Inc.  
\$40,668

**Zhang, Xinhui**

*Demand Planning and Supply Chain Management*  
PECO II, Inc.  
\$84,000

**College of Liberal Arts****Dockery, Jane L.**

*Data Analytics for the Office of Economic Advancement: Ohio Board of Regents*  
Ohio Board of Regents  
\$63,394

**Dockery, Jane L.**

*Ohio Volunteer Accreditation Team (OVAT)*  
Association of Ohio Health Commissioners  
\$58,500

**Dockery, Jane L.**

*Communities Learning in Partnership: Data, Research, and Planning Support*  
Sinclair Community College  
\$7,491

**Hooker, Carol M.**

*Assessment of Salary Data*  
Association of Ohio Health Commissioners  
\$3,000

**Jones, Thomas Davidson**

*Preble County General Health District Community Health Assessment: 2010*  
Preble County General Health District  
\$15,023

**Jones, Thomas Davidson**  
*Williams County Health District  
Community Health Assessment  
2010*  
Williams County Health District  
\$13,658

**Jones, Thomas Davidson**  
*City of Huber Heights: Citizen  
Survey Regarding Parks and  
Recreation*  
City of Huber Heights, Ohio  
\$5,702

**Jones, Thomas Davidson**  
*The Strategy Team, Ltd.:  
Qualitative Survey of Customers*  
Stenhouse Publishers  
\$4,655

**Jones, Thomas Davidson**  
*City of Westerville Public Opinion  
Survey*  
Strategy Team, Ltd. (The)  
\$4,333

**Jones, Thomas Davidson**  
*Franklin County Children  
Services: Survey of Parents 2010*  
Franklin County Children  
Services  
\$4,255

**Jones, Thomas Davidson**  
*City of Kettering Parks and  
Recreation Focus Groups*  
City of Kettering, Ohio  
\$2,730

**Jones, Thomas Davidson**  
*Ohio Board of Regents Focus  
Group*  
Ohio State University  
\$401

**Subban, Jennifer**  
**Dockery, Jane L.**  
*Comprehensive Neighborhood  
Initiative (CNI)*  
Montgomery County Family and  
Children First Council  
\$23,230

**Subban, Jennifer**  
*WSU's Student Philanthropy  
Project*  
Ohio Campus Compact  
\$10,500

### **College of Nursing and Health**

**Barry, Detrice**  
**Smith, Sherrill Jeanne**  
*High-Fidelity Human Patient  
Simulators (HPS) and  
Tele-Health: A Pilot in Teaching  
for Bleeding Disorder Education*  
Southwestern Ohio Hemophilia  
Foundation  
\$5,000

**Curry, Donna M.**  
*Professional Nurse Traineeship:  
FY11*  
DHHS, Health Resources and  
Services Administration  
\$54,555

**Curry, Donna M.**  
*Nurse Faculty Loan Program  
(NFLP) 10/11*  
DHHS, Health Resources and  
Services Administration  
\$33,168

**Curry, Donna M.**  
*Nurse Faculty Loan Program  
(NFLP) 10/11 (ARRA funds)*  
DHHS, Health Resources and  
Services Administration  
\$5,385

### **College of Science and Mathematics**

**Appova, Aina K.**  
**Farrell, Ann M.**  
**Tosa, Sachiko**  
*Implementing Lesson Study and  
Measuring Its Impact on Teacher  
Development: Phase II*  
Ohio Department of Education  
\$257,381

**Arasu, Krishnasany T.**  
*Algebraic Methods in the Study of  
Some Problems in Communication  
Engineering*  
NSF, Grants for Scientific Re-  
search  
\$168,678

**Arlan, Larry G.**  
**Morgan, Marjorie S.**  
*Indoor Allergen Analysis II*  
S.C. Johnson & Son, Inc.  
\$51,901

**Arlan, Larry G.**  
**Morgan, Marjorie S.**  
*Scabies: Biology, Culture, Host  
Specificity, and Antigens*  
DHHS, National Institute of  
Allergy and Infectious Diseases  
\$30,756

**Cipollini, Donald F.**  
**Bahn, Volker**  
*Exploring the Use of a Powdery  
Mildew Fungus for the Control of  
the Invasive Weed, Garlic  
Mustard, *Alliaria petiolata**  
Ohio Plant Biotechnology  
Consortium  
\$30,000

**Clafin, Jr., Bruce B.**  
*Characterization of Electronic  
Device Materials*  
University of Dayton  
\$100,000

**Deibel, Jason A.  
Petkie, Douglas T.**  
*Electromagnetic NDE Techniques  
for the Detection and Character-  
ization of Damage and Degrada-  
tion in Thermal Protein Systems  
(TPS)*  
Universal Technology Corporation  
\$84,600

**Deibel, Jason A.  
Petkie, Douglas T.**  
*Terahertz Frequency Spectroscopy  
and Imaging of Combustion  
Science*  
Spectral Energetics, Inc.  
\$24,500

**Feld, William A.**  
*Single Ion Conducting Solid-State  
Lithium Electrochemical  
Technologies*  
University of Dayton  
\$30,000

**Flach, John M.  
Shebilske, Wayne L.**  
*System for Information and  
Metainformation Portrayal of  
Lessons-Learned (SIMPL)*  
Aptima, Inc.  
\$107,648

**Fossum, Eric**  
*Poly (arylene ether)s from  
Activated 3,5-Difluoro Aromatic  
Systems: Synthesis,  
Functionalization, and  
Characterization*  
NSF, Grants for Scientific  
Research  
\$130,000

**Gilkey, Robert H.**  
*Evaluating the Use of Auditory  
Systems To Improve Performance  
in Search and Rescue Missions*  
daytaOhio  
\$271,437

**Gilkey, Robert H.**  
*Multisensory Processing Research*  
Ball Aerospace  
\$36,580

**Gilpin, Roger K.**  
*State of Ohio Sludge Program*  
More Than One Source of Support  
\$5,825

**Goldstein, David L.  
Schneider, Tamera**  
*ADVANCE: Increasing the  
Participation and Advancement of  
Women in Academic Science and  
Engineering Careers*  
NSF, Miscellaneous  
\$579,541

**Goodwin, Stephanie A.**  
*Collaborative Research/RUI:  
Factors that Affect the Likelihood  
of Prejudice Confrontation*  
NSF, Miscellaneous  
\$76,930

**Hammerschmidt, Chad R.**  
*Mercury Analysis of  
Environmental Samples*  
More Than One Source of Support  
\$21,818

**Hammerschmidt, Chad R.**  
*Collaborative Research: Mercury  
Biogeochemistry on the Continen-  
tal Shelf and Slope: Supplement*  
NSF, Miscellaneous  
\$10,045

**Imber, Ann N.  
Putnam, Robert W.**  
*The Role of Calcium in Central  
Cardiorespiratory Control  
Neurons*  
American Heart Association -  
Great Rivers Affiliate  
\$23,000

**Klein, Helen A.  
Steele-Johnson, Debra**  
*Modeling Leadership Dynamics  
in Multinational Environments*  
MacroCognition LLC  
\$36,800

**Kleven, Gale A.**  
*Pathways of Bio-Behavioral  
Development in the Fetal Basis of  
Adult Disease*  
DHHS, National Institute of  
Nursing Research  
\$245,671

**Kozak, Juliusz Ashot**  
*Function and Regulation of  
TRPM7 Mg<sup>2+</sup> - inhibited Cation  
Channels*  
DHHS, National Institute of Al-  
lergy and Infectious Diseases  
\$362,500

**Sheets, Alexander O.**  
*Development of Magnetic  
Nanomaterials for Power  
Applications*  
Dayton Area Graduate Studies  
Institute  
\$58,455

**Kozlowski, Gregory  
Patel, Jay N.**  
*Growth and Characterization of  
Graphene and Other Carbon  
Nanostructures on SiC*  
Dayton Area Graduate Studies  
Institute  
\$7,288

**Look, David C.**  
*Electrical and Optical Properties  
of Multifunctional Oxides for RF  
Components*  
Ohio State University  
\$50,035

**Look, David C.**  
*Hall Effect Measurements*  
More Than One Source of Support  
\$6,450

**Lunsford, Suzanne K.**  
*Electroanalytical Inquiry-Based  
Modular Sensor Development*  
Ohio State University  
\$4,000

**Petkie, Douglas T.**  
**Skipper, Julie**  
**Schneider, Tamera**  
*Multimodel Human Signatures  
for State Assessment and Threat  
Evaluation*  
DoD, Office of Naval Research  
\$160,850

**Petkie, Douglas T.**  
**Rattan, Kuldeep S.**  
**Rigling, Brian D.**  
**Shaw, Arnab K.**  
**Skipper, Julie**  
**Xue, Kefu**  
*Academic Pipeline and Future Lab*  
DoD, Air Force, Air Force  
Research Laboratory  
\$100,000

**Rooney, Thomas**  
*Research Synthesis and  
Coordination for the Forest  
Ungulate Research Network*  
U.S. Department of Agriculture  
\$25,000

**Shebilske, Wayne L.**  
**Narakesari, Shruti**  
**Alakke, Ganesh S.**  
*ADA Compliance*  
Nationwide Mutual Insurance  
Company  
\$1,650

**Underwood, Kirby A.**  
**Turnbull, Kenneth**  
*ACS National Meeting Travel  
Grant Petroleum Research Fund -  
American*  
Chemical Society  
\$300

**Vadeboncoeur, Yvonne**  
*Collaborative Research:  
Consumer Control of High-  
Productivity/Low-Nutrient  
Ecosystems: Enhancement of  
Primary Productivity by Grazing  
Fish in Lake Tanganyika*  
NSF, Miscellaneous  
\$146,522

**Weir, Nathan Michael**  
**Morris, Mariana**  
*Renal Angiotensin Converting  
Enzyme 2 (ACE2) Activity  
Protects Against Albuminuria*  
American Heart Association -  
Great Rivers Affiliate  
\$23,000

### **Lake Campus**

**Miller, Julie M.**  
*Western Ohio Training  
Consortium*  
Edison Community College  
\$12,200

**Wolfe, John R.**  
*Mobile Assistive Learning  
Devices: The Smartphone and  
Smartpen*  
Ohio Rehabilitation Services  
Commission  
\$60,425

### **P. L. Dunbar Library**

**Dewey, Dawne**  
*Dayton Daily News Archive Basic  
Processing Project*  
National Historical Publications  
and Records Commission  
\$129,694

**Dewey, Dawne**  
*University of Dayton Roesch  
Library Archives Public History  
Internship*  
University of Dayton  
\$8,880

### **Raj Soin College of Business**

**Denison, Barbara**  
**Robinow, Jennifer K.**  
*Future Jobs Internship:  
Jennifer Robinow*  
Clark State Community College  
\$4,000

**Evans, Michael R.**  
**DiMuccio, Anthony**  
*Future Jobs Internship:  
Anthony DiMuccio*  
Clark State Community College  
\$4,000

**Lumpkin, Joan Brady**  
**Harmon, Matthew S.**  
*Future Jobs Internship:  
Matt Harmon*  
Clark State Community College  
\$4,000

**Munch, James M.**  
*Emerging Leaders Program*  
Speedway SuperAmerica LLC  
\$56,000

**Williams, Scott**  
*Commercialization of the NATUREZAPPRO*  
Global Neighbor, Inc.  
\$4,463

### **School of Professional Psychology**

**Warfield, Janeece**  
*PECE-PACT: Parents Early Childhood Education/Positive Action Choices Training*  
Montgomery County ADAMH Services Board  
\$69,287

**Winfrey, LaPearl L.**  
*Practicum Training: ADAMHS Board: 2010/2011*  
Montgomery County ADAMH Services Board  
\$62,000

**Winfrey, LaPearl L.**  
*Internship: Children's Medical Center (Dayton)*  
Children's Medical Center (Dayton)  
\$30,000

**Winfrey, LaPearl L.**  
*Predoctoral Internship: South Community Behavioral Healthcare*  
South Community Mental Health Center  
\$28,000

**Winfrey, LaPearl L.**  
*Practicum Training: Central Clinic 2010/2011*  
Central Clinic  
\$24,000

**Winfrey, LaPearl L.**  
*Practicum Training: Brief Therapy Center 2010/2011*  
Brief Therapy Center  
\$23,332

**Winfrey, LaPearl L.**  
*Practicum Training: UD Counseling Center 2010/2011*  
University of Dayton  
\$12,400

Winfrey, LaPearl L.  
*Internship Site Agreement: Upper Valley Medical Center*  
Dettmer Hospital  
\$10,000

**Winfrey, LaPearl L.**  
*Practicum Training: Summit Behavioral Healthcare*  
Summit Behavioral Healthcare  
\$9,000

**Winfrey, LaPearl L.**  
*Practicum Training: Darke County Mental Health Center 2010/2011*  
Darke County Mental Health Center  
\$5,833

**Winfrey, LaPearl L.**  
*Practicum Training: South Community Mental Health Center 2010/2011*  
South Community Mental Health Center  
\$5,833

**Winfrey, LaPearl L.**  
*Practicum Training 2010/2011*  
Bonds, Mathis & Associates  
\$5,833

**Winfrey, LaPearl L.**  
*Practicum Training: Tarkoda Trails 2010/2011*  
Tarkoda Trails  
\$5,833

**Wolf, Eve M.**  
*Scholarships for Disadvantaged Students (SOPP)*  
DHHS, Health Resources and Services Administration

\$18,420

**Wolf, Eve M.**  
*ARRA - Scholarships for Disadvantaged Students 2010/2011*  
DHHS, Health Resources and Services Administration

\$12,167

**Yung, Betty**  
*Lupus Capacity Building Project*  
Ohio Commission on Minority Health  
\$44,000

### **Universitywide**

**Kennedy, Sandra D.**  
*Career Knowledge, Individual SKAs: Create Killer Resumes, Understand- Practice-Performance-Based Interviewing*  
Veterans Affairs Medical Center  
\$1,600

**Kennedy, Sandra D.**  
*DISC: Understanding Personal Choice: Critical Thinking and Problem Identification: Personal Communication- Difficult Conversations*  
Veterans Affairs Medical Center  
\$1,600

**Kennedy, Sandra D.**  
*MBTI: Kiersey Temperment Sorter: Successful Project Management and Performance Development Planning*  
Veterans Affairs Medical Center  
\$1,600

**Kennedy, Sandra D.**  
*Introduction to DLDI-Tools and Techniques: Successful Project Development Project Management Planning*  
Veterans Affairs Medical Center  
\$800

**Penick, Jennifer L.**  
*PELL Grant Program 10/11*  
U.S. Department of Education  
\$11,466,430

**Penick, Jennifer L.**  
*College Work-Study Program 2010/2011*  
U.S. Department of Education  
\$940,830

**Penick, Jennifer L.**  
*Supplemental Educational Opportunity Grant Program (SEOG) 2010/2011*  
U.S. Department of Education  
\$479,254

**Penick, Jennifer L.**  
*National SMART Grant Program 10/11*  
U.S. Department of Education  
\$30,917

**Penick, Jennifer L.**  
*Academic Competitiveness Grant 10/11*  
U.S. Department of Education  
\$6,156

**Ulliman, Jeff**  
*Federal Stimulus Funds: Main Campus*  
Ohio Board of Regents  
\$3,626,278

**Ulliman, Jeff**  
*Federal Stimulus Funds: Lake Campus*  
Ohio Board of Regents  
\$105,728

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

**Howard, Lillie**  
*Growing the STEMM Pipeline in the Dayton Region: Becoming an International Center of Excellence for Human Effectiveness/Human Performance*  
Ohio Board of Regents  
\$528,643

## ***VP for Research and Graduate Studies***

**Bantle, Jack A.**  
*Ohio's Research Challenge: 09-11 Biennium*  
Ohio Board of Regents  
\$260,027

**Doll, Amy**  
*Personal Computing Skill Development Service*  
Ohio Rehabilitation Services Commission  
\$800,000

**Dowling, Thomas P.**  
*OhioLINK*  
Ohio Board of Regents  
\$1,608,329

**Dowling, Thomas P.**  
*Libraries Connect Ohio Resources Sharing Project*  
State Library of Ohio  
\$800,000

**Dowling, Thomas P.**  
*Libraries Connect Ohio Resources Sharing Project*  
State Library of Ohio  
\$600,000

**Dowling, Thomas P.**  
*Libraries Connect Ohio Resources Sharing Project*  
State Library of Ohio  
\$118,401

**Dowling, Thomas P.**  
*Development Officer Services*  
Ohio State University  
\$105,324

**Miller, Aaron N.**  
**Wysong, Mark**  
*Dayton Foundation Data Mapping, Maintenance, and Enhancement Support*  
Dayton Foundation  
\$10,854

**Wysong, Mark**  
*InfoSciTex: ATEA Task Order 0005*  
InfoSciTex  
\$240,000

**Wysong, Mark**  
*InfoSciTex: ATEA Task Order 0001*  
InfoSciTex  
\$68,602

**Wysong, Mark**  
*InfoSciTex: ATEA Task Order 0004*  
InfoSciTex  
\$47,260

**Wysong, Mark**  
*Testing and Test Assets Support*  
MacAulay-Brown, Inc.  
\$46,863

**Wysong, Mark**  
*InfoSciTex: ATEA Task Order 0002*  
InfoSciTex  
\$40,000

# RESEARCH NEWS

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