

# RESEARCH NEWS

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

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201J University Hall Telephone 775-2425

## Internal Funding Awards Announced

### Research Incentive Awards

RSP is pleased to announce the award recipients for the FY 2006 Research Incentive Program. The Research Initiation competition attracted 18 proposals of which seven were



selected for funding for a total of \$70,000. There were 24 proposals in response to the Professional Development competition with nine awarded for a total of \$25,729.

#### Research Initiation

<b>Paula Bubulya</b>	COSM	<i>Developing Tools for Studying Novel Nuclear Speckle Proteins</i>	\$10,000
<b>Daniel Johnson</b>	COLA	<i>The Association Between the Urban Heat Island and Human Mortality During Urban Heat Waves</i>	\$10,000
<b>Yi-Hui Lee</b>	CONH	<i>HIV/AIDS Related Risky Sexual Behavior and Related Psychological Factors Among Chinese American Adolescents and Chinese Adolescents</i>	\$10,000
<b>Suzanne Lunsford</b>	COSM	<i>Electroanalytical Inquiry Based Modules: Electrochemical Instrument for the Future of High-Tech Research and Education at Wright State University</i>	\$10,000
<b>Arijit Sengupta</b>	RSCOB	<i>Managing Data in the RFID-Driven Supply Chain</i>	\$10,000
<b>Scott Williams</b>	RSCOB	<i>Technology Commercialization by Small Businesses: Resources, Capabilities and Strategies</i>	\$10,000
<b>Thomas Wischgoll</b>	COECS	<i>Visualization of Large-scale Vascular Structures Using GPU-Based Ray-Casting</i>	\$10,000

#### Professional Development

Heidi Breuer	COLA	<i>Editing John Hardyng's Chronicle and Photographing Sites of Medieval Daily Life</i>	\$1,867
Sandra Crews	COLA	<i>La Mama Umria International Symposium</i>	\$3,000
Mary Donahoe	COLA	<i>Enhancing Performance with the Alexander Technique</i>	\$3,000
Carol Engelhardt	COLA	<i>The Bodies of Christ: Doctrine and Culture in the Victorian Church in England</i>	\$3,000
Jerri Killian	COLA	<i>Administrative Reform: An International Perspective</i>	\$3,000
Noeleen McIlvenna	COLA	<i>Free Georgia!</i>	\$3,000
Paulette Olson	RSCOB	<i>Gender and Globalization: A Vietnamese Perspective</i>	\$3,000
Janece Warfield	SOPP	<i>Prevention and Intervention Training for At-Risk Children and Their Families</i>	\$2,862
Jonathan Winkler	COLA	<i>The United States and Global Strategic Communications in the 20th Century</i>	\$3,000

#### Application Packets Available for Research Technology Commercialization Competition

The Research Technology Commercialization Program is intended to expand the benefits of Wright State University research accomplishments through commercial application and technology development. *The deadline for submitting*

*applications for the current competition is 5 PM, Friday, June 30, 2006.*

The application packet is available on line at

[http://www.wright.edu/rsp/InternalProgs/RC\\_TC\\_Guide.rtf](http://www.wright.edu/rsp/InternalProgs/RC_TC_Guide.rtf)

#### What's Inside

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# Sponsor ALERTS

## National Institutes of Health

### NIH Financial Policy for Grant Awards FY 2006

THE NIH appropriation for FY 2006 included an across-the-board reduction to non-emergency, discretionary programs, which had a direct impact on NIH's budget. Because of this reduction, NIH has had to reduce both competing and non-competing budgets for FY 2006 and beyond. NIH has established the following financial policies consistent with their appropriation.

- ◆ Non-competing research project grants will be awarded at 97.65% of the amount indicated for the FY 2006 budget period in the Notice of Grant Award for the previous budget year. The amounts indicated for future budget periods will also be adjusted by the same factor.
- ◆ Non-competing awards previously issued in FY 2006 at reduced levels up to 80% of the amount previously indicated will be revised to provide a restoration of funds to the 97.65% level. Amounts indicated for future budget periods will be adjusted as well.
- ◆ The amounts provided for competing research project grants will be managed to an average award amount equal to FY 2005 levels. FY 2006 policy includes the provision of a 3% escalation factor in the amounts indicated for

future years on competing research project grant awards which are not based on modular applications.

Other grant programs will be managed in accordance with the policies to be established by each Institute and Center.



### *Change in Business Process Concerning eRA Commons Verification of Electronically Submitted Applications*

Effective for applications submitted for May 10, 2006 and beyond, NIH will no longer require the verification of the grant application by the signing official (RSP) and the Principal Investigator. The verification step will be replaced with a two business day period for checking the assembled application in eRA Commons, after which the submission process will be complete and the application will automatically move forward to the Division of Receipt and Referral, Center for Scientific Review. Within the two day period, the signing official will have the ability to "Reject" the application and stop further processing. Principal Investigators must work through the signing official to "Reject" an application. After May 10, this process will require that applicants reject their application to address any warnings. Additional details can be found in the April 7, 2006 Guide Notice at [http://](http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-055.html)

[grants.nih.gov/grants/guide/notice-files/NOT-OD-06-055.html](http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-055.html).

### *Instructions Regarding Inclusion of Publications as Appendix Materials*

NIH recently announced a new approach and policy regarding the inclusion of publications as Appendix materials in NIH grant applications. Highlights of these changes are as follows:

- ◆ The Appendix may not include any manuscripts submitted for publication.
- ◆ For publications in press, include only a publication list with a link to the publicly available on-line journal article or the NIH PubMed Central (PMC) submission identification number. Do not include the entire article.
- ◆ For manuscripts accepted for publication but not yet published, the entire article may be submitted electronically as a PDF attachment for applications using electronic submission or as hard copy documents for mechanisms still using paper submission.

If a manuscript is published, but a publicly available online journal link is not available, the entire article may be submitted electronically as a PDF attachment for applications using electronic submission or as hard copy documents for mechanisms still using paper submission.

To view the entire notice, please go to <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-053.html>.

## Find Funding Sources



RSP will be offering a hands-on session that will provide an introduction to the electronic resources available to faculty and staff for matching research interests with funding opportunities. The workshop will be held in 058 Library on Friday, June 1, 2006, from 12-1 P.M.. The focus of this workshop is the electronic databases available on the RSP homepage, which includes **COS (Community of Science)**

and **Sponsored Programs Information Network (SPIN)**.

Registration is limited to the first 10 participants so that everyone is assured access to a computer. We ask that those wishing to attend please register by May 30, 2006. For additional information or to register, please contact Jackie Frederick by email at [jackie.frederick@wright.edu](mailto:jackie.frederick@wright.edu) or by telephone at ext. 2664.

# Staff NOTES

## *Hellos, Goodbyes, and Congratulations*

Effective June 1, 2006, Marianne Shreck will be leaving her post-award duties and taking the position of Assistant Director, Pre-Award Services. She is filling the vacancy left by Wayne Guillory's departure and will be serving faculty in the following disciplines: College of Science and Mathematics Departments of Chemistry, Geological Sciences, Physics, Mathematics and Statistics; Boonshoft School of Medicine Departments of Community Health, Pathology, Psychiatry, Pediatrics, Ob-Gyn, Neurology, and Surgery. She looks forward to serving you in her new capacity, and we congratulate her on her new role.

During the interim period between June 1, 2006 and the date that a new Assistant Director for Post Award Services is

hired, please direct all your post award questions or concerns to Glen Jones, Director, Post Award Services, ext. 4461, [glen.jones@wright.edu](mailto:glen.jones@wright.edu).

As of May 26, 2006, we will be welcoming a new member to the RSP team. Naomi Halverson has been hired as an Assistant Director, Pre-Award Services. She will be filling the vacancy to be left by the retirement of Gene Hern early this summer. She will be serving faculty in the Boonshoft School of Medicine (including Matrix departments) with the exception of the departments of Community Health, Pathology, Psychiatry, Pediatrics, Ob-Gyn, Neurology, and Surgery. Please join us in welcoming her aboard.



### *Goodbye*

*As mentioned above, Dr. Eugene Hern (Gene) will be retiring early this summer. Gene has been with RSP in all of its different stages of development, since 1986. During his twenty years here, Gene has been an invaluable resource to the department and the university community and a pleasure to work with. He will be truly missed by everyone here in RSP and all his friends and colleagues throughout the university. Be sure to stop by to say goodbye before he sneaks away at the end of June!*



### *Good Luck!*



# GRANTS.GOV

## **National Science Foundation Required Grants.gov submissions**



The following is a list of NSF programs that require submission through Grants.gov:

- ⇒ Antarctic Artists and Writers/Office of Polar Programs
- ⇒ Scientific Computing Research Environments for the Mathematical Sciences/Mathematical & Physical Sciences
- ⇒ Living Stock Collections/Biological Sciences
- ⇒ Advanced Learning Technologies/Computer & Information Sciences & Engineering
- ⇒ Coupling, Energetics, and Dynamics of Atmospheric Regions/Geosciences
- ⇒ Research in Disability Education/Education & Human Resources
- ⇒ Infrastructure Materials Applications and Structural Mechanics/Engineering
- ⇒ Geography and Regional Science/Social, Behavioral & Economic Sciences

Proposals submitted in response to one of the selected funding opportunities

via Grants.gov should be prepared and

submitted in accordance with the NSF Grants.gov Application Guide: A Guide for the Preparation and Submission of NSF Applications via Grants.gov. The NSF Grants.gov Application Guide is available through the Grants.gov website and on the NSF website at: <http://www.nsf.gov/bfa/dias/policy/docs/grantsgovguide.pdf>. Please note that some NSF program solicitations may supplement this guidance.



### **Change in Time of Submission/ Receipt of NIH Electronic Grant Applications to Grants.gov**

In April, NIH announced a change in the time that electronic grant applications must be successfully received by Grants.gov in order to be

considered "on time." Effective April 1, 2006, applications must be received no later than 5:00 p.m. local time (of the applicant institution/organization) on the submission date(s) described in a funding opportunity announcement. Please note that the Grants.gov timestamp will continue to be expressed in Eastern time.

The rationale to use a 5:00 p.m. local time deadline took into consideration a number of factors, including spreading the workload during peak submission times, creating a more equitable playing field for application institutions/organization in different regions of the country, aligning NIH business processes with those of other Federal agencies, and requests from applicant institutions.

### **Reminder - Internal Deadlines for Grants.gov proposal submissions**

Basically, Grants.gov is simply a post office box set up to receive federal grant applications. Proposals submitted through Grants.gov must go through a two-step receipt and validation process. The proposal must first go through a screening process at Grants.gov. If critical errors are found at this point, the

proposal will be rejected and must be resubmitted. If the proposal passes this first screening at Grants.gov, the federal agency is notified that it is ready for pickup, and the proposal will then go through a screening process at the federal agency. If errors are found at this point, the proposal will have to be corrected and the complete proposal resubmitted through Grants.gov. Therefore, if the proposal is submitted to Grants.gov at the last minute, and it gets rejected by either Grants.gov or the federal agency, it will be very difficult to make the necessary corrections and resubmit the proposal prior to the submission deadline.

***Accordingly, it is critical that RSP receives the final proposal for any Grants.gov submissions five (5) days prior to the submission deadline to allow time for any necessary corrections or resubmissions.***

# Pre-Award NEWS



## Proposal Success Rates

Research investigators often ask about the probability of getting funded when they submit a proposal to a large federal agency such as the National Institutes of Health (NIH). The NIH Office of Extramural Research compiles data

on the success rates of proposals that they receive. The success rates for research proposals broken down by funding mechanism and activity for FY 2005 are noted below.

Type of Grant	Funding Mechanism	Success Rate Base	Number Awarded	Total Cost Awarded	Success Rate	Fiscal Year
New	DP1	283	13	\$9,850,125	4.6%	2005
New	P01	252	73	\$111,604,909	29%	2005
New	R01	21,745	3,894	\$1,392,849,232	17.9%	2005
New	R03	3,307	723	\$55,684,224	21.9%	2005
New	R15	595	158	\$31,965,502	26.6%	2005
New	R21	8,483	1,495	\$291,665,902	17.6%	2005
New	R33	97	17	\$6,966,902	17.5%	2005
New	R34	322	74	\$15,196,502	23%	2005
New	R36	22	8	\$274,068	36.4%	2005
New	R37	8	8	\$2,773,527	100%	2005
New	R55	8	8	\$800,000	100%	2005
New	R56	47	47	\$11,664,165	100%	2005
New	U01	521	175	\$150,622,099	33.6%	2005
New	U19	96	30	\$33,478,286	31.3%	2005
New	UC1	88	16	\$62,629,901	18.2%	2005
<b>All New</b>		<b>35,874</b>	<b>6,739</b>	<b>\$2,178,025,344</b>	<b>18.8%</b>	<b>2005</b>
Continuation	P01	199	91	\$156,265,481	45.7%	2005
Continuation	R01	6,362	2,347	\$866,395,346	36.9%	2005
Continuation	R03	14	2	\$78,430	14.3%	2005
Continuation	R15	66	39	\$7,775,274	59.1%	2005
Continuation	R21	1	0	\$0	N/A	2005
Continuation	R33	1	0	\$0	N/A	2005
Continuation	R37	184	178	\$80,675,745	96.7%	2005
Continuation	R55	1	1	\$1	100%	2005
Continuation	R56	60	60	\$14,416,905	100%	2005
Continuation	U01	115	80	\$80,266,303	69.6%	2005
Continuation	U19	22	11	\$11,708,614	50%	2005
<b>All Continuation</b>		<b>7,025</b>	<b>2,809</b>	<b>\$1,217,582,099</b>	<b>40%</b>	<b>2005</b>
Supplements	P01	27	12	\$2,928,912	44.4%	2005
Supplements	R01	122	34	\$5,043,235	27.9%	2005
Supplements	R37	2	2	\$351,483	100%	2005
Supplements	U01	18	3	\$1,344,166	16.7%	2005
Supplements	U19	1	0	\$0	N/A	2005
<b>All Supplements</b>		<b>170</b>	<b>51</b>	<b>\$9,667,796</b>	<b>30%</b>	<b>2005</b>
<b>FY Total</b>		<b>43,069</b>	<b>9,599</b>	<b>\$3,405,275,239</b>	<b>22.3%</b>	<b>2005</b>

At the OER website (<http://grants2.nih.gov/grants/award/success.htm>), you will also find success rate data for research broken down by institute, for medical schools by department, for AREA grants, and activities other than research.

# AWARDS

*The grants and contracts on these pages were awarded from January 2006 through April 2006*

## **Academic Affairs**

Carrafello, Susan  
Morgenstern, Amy  
*The Creatively Engaged College Campus  
- The Wright State University Honors  
Institute*  
Ohio Humanities Council  
\$6,415

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

Barnhart, Michael L.  
*Praxis III Regional Assessment Center*  
Ohio Department of Education  
\$463,000

Gayle, G. William  
*A Collaborative University Approach to  
Training in Adapted Physical Education  
with Emphasis on Low-Incidence  
Disabilities*  
Ohio State University  
\$74,000

Hanby, Donna  
*Teacher Candidate Assessment System*  
Ohio Department of Education  
\$10,000

Jung, Notburga  
Finegan, Colleen A.  
*The Wright Charter College of  
Education*  
Ohio Department of Education  
\$187,500

Mathies, Bonnie K.  
Johnson, Doris G.  
*catalystOhio Technology Community  
(cTC)*  
Ohio Board of Regents  
\$50,000

O'Connor, C. Richele  
*Literacy Education Partnership Field  
Faculty Network*  
John Carroll University  
\$84,705

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

Cashen, Paul  
*Wright Center of Innovation - Corporate  
Matching Account/LexisNexis*  
LexisNexis  
\$200,000

Emmert, John M.  
*Generic EW/RF Digital Design Toolbox  
Development*  
Wyle Laboratories  
\$32,594

Goshtasby, A. Ardeshir  
*Probe Assisted, PET/CT Guided Surgery  
For Colon Cancer*  
Ohio State University  
\$56,128

Goshtasby, A. Ardeshir  
*Design of a Persistent Agile Airborne  
Target Tracking System*  
DoD, Air Force, Air Force Research  
Laboratory  
\$50,000

Goshtasby, A. Ardeshir  
*License Agreement for 3D Hand Held  
Bodyscan System for Clothing Design*  
Rhodes E-Tailors, Inc.  
\$0

Hill, Raymond  
*Decision Support for Logistics Response  
to Chemical, Biological or Radiological  
Attacks*  
University of Arkansas  
\$60,000

Menart, James A.  
Wolff, J. Mitch  
*Computational Thermodynamics - Phase  
II*  
DoD, Air Force, Air Force Research  
Laboratory  
\$45,000

Menart, James A.  
Stanfield, Scott  
*Spectroscopic Measurement of Plasma  
Parameters for MHD Control of Plasma  
Flows*  
Dayton Area Graduate Studies Institute  
(DAGSI)  
\$2,881

Narayanan, Sundaram  
Reynolds, David B.  
*Evaluation of Cushion Comfort for Air  
Force Crew Stations*  
General Dynamics (formerly Veridian  
Eng.; now Adv. Info. Eng. Svcs.)  
\$5,000

*The staff of the Office of Research and Sponsored Programs congratulates those receiving external funds,  
and we encourage those with unfunded proposals to consult with us about resubmission.*

Pei, Yong  
*SGER: Music Telepresence*  
 University of Rochester  
 \$30,830

Penmetsa, Ravi C.  
*Efficient Reliability Estimations for Large-Scale Aircraft Structural System (ATROHS Wing Configuration)*  
 Universal Technology Corporation  
 \$55,890

Quek, Francis  
*From Video to Information: Cross-Modal Analysis of Planning Meetings*  
 DoD, Maryland Procurement Office  
 \$430,414

Rigling, Brian D.  
*SMART-TAG: Staring Mode Airborne Radar Techniques to Track and Geolocate*  
 SET Associates  
 \$50,000

Rizki, Mateen M.  
 Tamburino, Louis A.  
*Identification of Biomarkers using Machine Learning Algorithms*  
 Oak Ridge Institute for Science and Education (ORISE)  
 \$42,000

Shaw, Arnab K.  
*Characterization of Hyperspectral Images for Automated Target Detection and Recognition*  
 DoD, Air Force, Air Force Research Laboratory  
 \$70,560

Siferd, Raymond E.  
*MOSIS Fabrication and Packaging*  
 Systran Federal Corporation  
 \$16,010

Thirunarayan, Krishnaprasad  
*Metadata for Timelining Events*  
 LexisNexis  
 \$78,724

Wang, Bin  
*Towards Scalable Cost Effective Survivability in Ultra High-Speed Networks*  
 U.S. Department of Energy  
 \$85,713

Zhang, Xinhui  
 Narayanan, Sundaram  
*Raw Material Availability Analysis, Inventory Control Cycle Time Reduction, Assembly Line Balancing and Order Expedition Strategies*  
 Rittal Corporation  
 \$33,590

Dockery, Jane L.  
*Yellow Springs Chamber of Commerce Strategic Plan*  
 Yellow Springs Chamber of Commerce  
 \$2,080

Dockery, Jane L.  
*Child and Youth Development Initiative: Framing the Planning Process*  
 Iddings Foundation  
 \$600

Dustin, Jack L.  
*Volunteer Assessment*  
 United Way  
 \$25,000

Jones, Patricia D.  
*Tomorrow Counts*  
 Greene County Family and Children First  
 \$32,191

Jones, Thomas Davidson  
*Miami Valley Regional Planning Commission (MVRPC) Regional Dialogue Surveys 2006*  
 Miami Valley Regional Planning Commission (MVRPC)  
 \$22,494

### College of Liberal Arts

Jones, Thomas Davidson  
*Kettering Parks and Recreation Survey and Benchmarking*  
 City of Kettering, Ohio  
 \$6,707

Jones, Thomas Davidson  
*Gauga County Telephone Surveys*  
 Lakatos Group  
 \$5,596

### College of Nursing and Health

Graham, Margaret Clark  
 Pons, Trisha A.  
 Geitgey, Jennifer N.  
*Study of Obesity in Economically Deprived Adolescents*  
 Physicians Charitable Foundation of the Miami Valley  
 \$2,600

Zurmehly, Joyce  
 Khamis, Harry J.  
 Martin, Patricia A.  
*Registered Nurse Empowerment and Intent to Leave Current Position and Profession*  
 Sigma Theta Tau International  
 \$9,993

### College of Science and Mathematics

Alter, Gerald M.  
*Graduate Research Assistant Stipend - Lehman*  
 Indiana University  
 \$12,473

Artian, Larry G.  
 Morgan, Marjorie S.  
*Scabies: Biology, Culture, Host Specificity and Antigens*  
 DHHS, National Institute of Allergy and Infectious Diseases (NIAID)  
 \$358,750

<p>Arlian, Larry G.  <i>Allergen Analysis</i>            Procter &amp; Gamble Company            \$60,736</p>	<p>Flach, John M.  <i>Research and Technical Support for the Culture and Cognition Laboratory (CCL)</i>            DoD, Air Force, Air Force Research Laboratory            \$50,100</p>	<p>Look, David C.  <i>Materials for High Speed Devices</i>            DoD, Air Force, Air Force Research Laboratory            \$320,000</p>
<p>Basista, Beth A.            Mathews, Susann M.            Tomlin, James H.            Farrell, Ann M.  <i>West/Central Ohio Center of Excellence in Learning Science and Mathematics (EXCEL Center)</i>            Ohio State University            \$143,098</p>	<p>Fossum, Eric  <i>Water Soluble/Waterfast Ink Systems, Phase III</i>            Kodak Versamark, Inc. (formerly Scitex Digital Printing)            \$24,963</p>	<p>Look, David C.  <i>GOALI: Growth Dependent Identification and Control of Bulk and Interface Defects in ZnO</i>            Ohio State University            \$49,532</p>
<p>Basista, Beth A.            Mathews, Susann M.            Tomlin, James H.            Farrell, Ann M.  <i>West/Central Ohio Center of Excellence in Learning Science and Mathematics (EXCEL Center)</i>            Ohio State University            \$91,650</p>	<p>Fossum, Eric            Sennet, Laura  <i>Copolymers with Defined Morphologies via Kinetically Controlled Polycondensation Reactions</i>            Dayton Area Graduate Studies Institute (DAGSI)            \$2,884</p>	<p>Look, David C.  <i>ZnO Based Light Emitters for UV/Blue Applications</i>            SVT Associates Inc.            \$40,000</p>
<p>Basista, Beth A.            Mathews, Susann M.            Tomlin, James H.            Farrell, Ann M.  <i>EXCEL Center Match</i>            Springfield City School District            \$4,134</p>	<p>Gilkey, Robert H.  <i>Collaborative Research on Multisensory Interaction</i>            DoD, Air Force, Air Force Research Laboratory            \$61,740</p>	<p>Look, David C.  <i>P-type ZnO</i>            Structured Materials Industries, Inc.            \$10,000</p>
<p>Basista, Beth A.            Mathews, Susann M.            Tomlin, James H.            Farrell, Ann M.  <i>Ohio Education Network for Science and Mathematics Education (OHEN)</i>            University of Dayton            \$1,432</p>	<p>Gilpin, Roger K.  <i>State of Ohio Sludge Program</i>            More Than One Source of Support            \$13,800</p>	<p>Lunsford, Suzanne K.            Ciampaglio, Charles N.            Stattery, William            Teed, Rebecca E.  <i>Partners in Integrated Earth Systems Science (PIES)</i>            Ohio Board of Regents - Title II            \$63,806</p>
<p>Bennett, Kevin B.  <i>Expanding Decision Support for Mobile Army Commanders</i>            Micro Analysis and Design, Inc.            \$17,982</p>	<p>Kenyon, Lisa Orvik            Basista, Beth A.            Tomlin, James H.  <i>Life Science, Physical Science, and Mathematics Professional Development Project for Grades 6-11 Teachers</i>            Ohio Board of Regents - Title II            \$201,938</p>	<p>Petkie, Douglas T.  <i>Terahertz Standoff Sensing of Vital Signs</i>            EOIR Technologies            \$170,000</p>
<p>Burton, G. Allen  <i>Wright State University Cu Field Study 2005-06</i>            International Copper Association, Ltd.            \$36,575</p>	<p>Koenig, Kathleen            Basista, Beth A.  <i>Ohio Science Institute Program (OSCI)</i>            Ohio Department of Education            \$131,314</p>	<p>Ritzi, Jr., Robert W.  <i>Ground Water Protection Program 2006</i>            Cemex            \$12,500</p>
		<p>Wheatly, Michele G.            Bargerhuff, Mary Ellen            Collier, Jacqueline Kay            Cowan, Heidi Turner  <i>Project AdLIT</i>            Ohio State University            \$30,360</p>

## Lake Campus

Schumm, Gregory F.

*Targeted Training Grant - Tuway  
American Group*

Lorain County Community College  
\$12,250

Schumm, Gregory F.

*Targeted Training Grant - Reynolds &  
Reynolds - Celina Plant*

Lorain County Community College  
\$10,062

Schumm, Gregory F.

*Targeted Training Grant - G. A. Wintzer  
and Sons*

Lorain County Community College  
\$5,400

## School of Medicine

Adineh, Mehdi

*Personnel Support for the Wallace-  
Kettering Neuroscience Institute - Kirbas*  
Kettering Medical Center

\$32,438

Alter, Sherman J.

*Treatment of Pediatric Patients for  
Infections*

Bayer Corporation  
\$600

Alvarez, Francisco J.

Fyffe, Robert E.W.

Cope, Timothy C.

Rich, Mark M.

*Olympus FV1000 Confocal Microscope  
for Neurobiology and Cellular Biology  
Research*

DHHS, National Center for Research  
Resources (NCRR)  
\$322,888

Alvarez, Francisco J.

*Development of Synaptic Inputs on Spinal  
Interneurons*

DHHS, National Institute of Neurological  
Disorders and Stroke (NINDS)  
\$291,641

Alvarez, Francisco J.

*Benzodiazepine-Induced Glutamate  
Receptor Plasticity*

Medical College of Ohio  
\$19,530

Anstadt, Mark P.

*Cardiac Ventricular Assist Study*

MYOTECH, LLC  
\$36,000

Berberich, Steven J.

*Deciphering How Mdmx Impacts the p53  
Pathway*

DHHS, National Cancer Institute (NCI)  
\$180,810

Bernstein, Jack M.

*Effectiveness of a Novel Treatment of  
Complicated Skin/Skin Structure  
Infections*

Theravance, Inc.  
\$3,000

Bernstein, Jack M.

*Treatment of Gram-Positive Bacterial  
Infections*

Cubist Pharmaceuticals, Inc.  
\$1,000

Bernstein, Jack M.

*Effectiveness of a Novel Treatment for  
Hospital-Acquired Pneumonia*

Theravance, Inc.  
\$0

Bonnet, Michael H.

*Sleep Disorders or Chronic Shift Work  
Extension Studies*

Cephalon, Inc.  
\$4,002

Brown, Thomas L.

*Hypoxia Regulates Trophoblast Giant  
Cell Differentiation*

DHHS, National Institute of Child Health  
and Human Development (NICHD)  
\$70,064

Carlson, Robert G.

Wang, Jichuan

Falck, Russel S.

*Rural Stimulant Use and Mental Health:  
Services and Outcomes*

University of Arkansas  
\$251,127

Carlson, Robert G.

Falck, Russel S.

*State Epidemiological Outcome  
Workgroup (SEOW)*

Ohio Department of Alcohol & Drug  
Addiction Services  
\$132,248

Cauley, Katherine L.

*AHEC Support*

Ohio Board of Regents  
\$90,364

Cauley, Katherine L.

*Sinclair Community College Matching  
Funds: CY2006*

Sinclair Community College  
\$35,000

Clasen, Mark E.

*Consulting Services - MCDJFS*

Montgomery County Department of Job  
and Family Services  
\$10,200

Cope, Timothy C.

*Functional Assemblies of Motor Units*

DHHS, National Institute of Neurological  
Disorders and Stroke (NINDS)  
\$348,812

Cope, Timothy C. <i>Spinal Mechanisms Regulating Muscle and Limb Mechanics</i> Emory University \$27,139	Fyfe, Robert E.W. <i>Mechanisms of Mammalian Neuronal Integration</i> DHHS, National Institute of Neurological Disorders and Stroke (NINDS) \$355,128	Hangartner, Thomas N. <i>Postmenopausal Evaluation and Risk Reduction</i> Pfizer, Inc. \$3,819
Dean, Jay B. Putnam, Robert W. Henderson, Richard A. <i>Cellular Mechanisms of Central Nervous System and Pulmonary Oxygen Toxicity</i> DoD, Office of Naval Research \$75,000	Gebhart, Mark E. <i>Modular Acute Care Incident and Education (MACIE) Unit</i> Ohio Department of Administrative Services \$2,186,217	Hartzler, Lynn K. Putnam, Robert W. <i>Effects of Chronic Hypercapnia on Chemosensitive Neurons</i> DHHS, National Heart, Lung, and Blood Institute (NHLBI) \$43,976
Demerath, Ellen W. <i>Intergovernmental Personnel Agreement - Demerath</i> DHHS, National Institute on Aging (NIA) \$21,627	Gentile, Julie P. <i>CCOE: Dual Diagnosis MI/MRDD</i> Ohio Developmental Disabilities Council \$75,000	Kay, Jerald <i>Personnel Support for the Wallace-Kettering Neuroscience Institute - Kirbas</i> Kettering Medical Center \$82,742
Dodge, Robin E. <i>Aerospace Medicine Residency Program</i> National Aeronautics and Space Administration \$300,000	Gomez-Cambronero, Julian <i>Molecular Basis of GM-CSF-Induced Neutrophil Chemotaxis</i> DHHS, National Heart, Lung, and Blood Institute (NHLBI) \$350,319	Kay, Jerald <i>Personnel Support for the Wallace-Kettering Neuroscience Institute - Zayour</i> Kettering Medical Center \$82,742
Drehmer, Timothy J. Hangartner, Thomas N. <i>A Novel Treatment for Rheumatoid Arthritis</i> Merck & Co., Inc. \$71	Halm, Dan R. <i>Regulation of Secretory Ion Channels in Colonic Crypts</i> DHHS, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) \$266,243	Kay, Jerald <i>Personnel Support for the Wallace-Kettering Neuroscience Institute - Kent</i> Kettering Medical Center \$33,097
Engisch, Kathrin L. <i>Regulation of Neurotransmitter Release by rab GTPases</i> DHHS, National Institute of Mental Health (NIMH) \$109,367	Hamilton, Glenn C. <i>Training of Licensed Health Care Professionals in Basic and Advanced Disaster Life Support</i> Ohio Department of Administrative Services \$298,000	McDougal, James N. <i>Pharmacokinetic Manipulation and Modeling of the Trigger for JP-8-Induced Skin Irritation</i> DoD, Air Force Office of Scientific Research (AFOSR) \$157,500
Falck, Russel S. Carlson, Robert G. <i>Age-Related Services &amp; Outcomes after DUI Interventions</i> University of Michigan \$298,058	Hangartner, Thomas N. <i>Evaluation of a Novel Treatment in Patients with Osteogenesis Imperfecta</i> Procter & Gamble Company \$8,919	McDougal, James N. <i>Molecular Mechanisms and Modeling of Skin Irritation from JP-8</i> DoD, Air Force Office of Scientific Research (AFOSR) \$30,000

Moore, Dennis C. <i>RRTC on Substance Abuse, Disability, and Employment Supplement</i> U.S. Department of Education \$67,275	Sherwood, Richard J. Duren, Dana L. Siervogel, Roger M. Towne, Bradford <i>Genetic Architecture of the Human Craniofacial Complex</i> DHHS, National Institute of Dental and Craniofacial Research (NIDCR) \$283,849	Towne, Bradford <i>Genetic and Environmental Influences on Childhood Growth</i> DHHS, National Institute of Child Health and Human Development (NICHD) \$346,372
Moore, Dennis C. <i>DeafLink Evaluation and Consultation</i> Family Services Association \$15,000	Siervogel, Roger M. Chumlea, W. Cameron Czerwinski, Stefan Aleksander Demerath, Ellen W. Sun, Shumei S. Towne, Bradford <i>Adiposity, Disease Risk Factors, and Lifetime Health</i> DHHS, National Institute of Child Health and Human Development (NICHD) \$1,143,896	Turchi, John J. <i>License Agreement - Turchi</i> Trevigen, Inc \$522
Part, Howard <i>Dayton VAMC Resident Support</i> Veterans Affairs Medical Center \$2,664,637	Siervogel, Roger M. Czerwinski, Stefan Aleksander Demerath, Ellen W. Sun, Shumei S. Towne, Bradford <i>Adiposity, Disease Risk Factors, and Lifetime Health</i> DHHS, National Institute of Child Health and Human Development (NICHD) \$1,143,896	<b>School of Professional Psychology</b>  Winfrey, LaPearl <i>Mental Health and Deafness Residency Traineeship Program</i> Ohio Department of Mental Health \$2,500
Pascoe, John M. <i>OPRC - Dayton Primary Care PBRN Maternal Resources Outreach</i> Ohio Pediatric Research Consortium \$2,000	Siervogel, Roger M. Czerwinski, Stefan Aleksander Towne, Bradford Chumlea, W. Cameron Demerath, Ellen W. <i>Genetic Epidemiology of CVD Risk Factors</i> DHHS, National Heart, Lung, and Blood Institute (NHLBI) \$922,660	<b>Student Affairs</b>  Darr, David R. <i>PELL Grant Program</i> U.S. Department of Education \$4,433,097
Pickoff, Arthur S. <i>Reach Out of Montgomery County</i> Reach Out of Montgomery County \$533,060	Sulentic, Courtney E.W. <i>Predictability and Sensitivity of a Novel In Vitro Test</i> Society of Toxicology \$40,000	Darr, David R. <i>College Work-Study Program</i> U.S. Department of Education \$940,830
Reo, Nicholas V. <i>Metabolomic Assessment of Estrogenic Endocrine Disruptor</i> Michigan State University \$168,558	Sun, Shumei S. Chumlea, W. Cameron Siervogel, Roger M. Pickoff, Arthur S. <i>Longitudinal Cardiac Outcomes and Body Composition</i> DHHS, National Heart, Lung, and Blood Institute (NHLBI) \$633,030	Darr, David R. <i>Supplemental Educational Opportunity Grant Program (SEOG)</i> U.S. Department of Education \$343,075
Rich, Mark M. <i>Loss of Muscle Excitability in Acute Quadriplegic Myopathy</i> DHHS, National Institute of Neurological Disorders and Stroke (NINDS) \$401,227	Rich, Mark M. <i>Muscle's Role in Regulating Nerve Terminal Properties</i> Emory University \$87,404	<b>Universitywide</b>  Nguyen, Mai T. <i>Gateway to Gold Mountain: The Angel Island Immigration Experience Exhibit</i> Ohio Humanities Council \$2,500

## **RESEARCH NEWS**

*Office of Research and  
Sponsored Programs  
Wright State University  
201J University Hall  
Dayton, Ohio 45435  
Voice: 937 775-2425  
FAX: 937 775-3781  
email: [rsp@wright.edu](mailto:rsp@wright.edu)  
<http://www.wright.edu/rsp/>*

### **AWARDS** *Continued*

Polk, Simone  
*Bulletproof Vest Program*  
Ohio Governor's Office of  
Criminal Justice  
Services  
\$2,407

#### **Assistant Vice President for Research**

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