


RESEARCH NEWS

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

Fall 2003 Vol 35 No 1

201J University Hall Telephone 775-2425

WSU Faculty and Staff Ideas Generate Awards of Over \$46 Million in FY 2002-2003



On behalf of the faculty and staff, Wright State University received \$46,255,284 for externally funded grants and contracts during the past fiscal year. The number of proposals submitted (776) and number of awards received (554) continues to climb each year, proof of the effort put forth by the faculty and staff to seek external funding for their research and programs. The Office of Research and Sponsored Programs would like to congratulate those involved in this effort and to encourage others to do the same.

While the majority of the awards were for research, WSU also received funding for instruction, public service, student aid, institutional support and

development. The funding came from a variety of sources including the federal government, the State of Ohio, nonprofit agencies, industrial sponsors, and other miscellaneous sources. If you have an idea for a project, and you would like to turn that idea into a proposal, we encourage you to visit our web site at <http://www.wright.edu/rsp/> or drop by our office to learn more about the many ways we can assist you in the pursuit of external funding.

For a complete breakdown on amounts, categories, and sources for FY 2002-2003 funding, please go to http://www.wright.edu/rsp/pubs/annual/tables_03.htm.



Welcome Back!



Dr. Thomas Receives New Appointment



Effective September 17, 2003, Dr. Jay Thomas, Jr. was appointed Vice President for Research and Dean of the School of Graduate Studies. Dr. Thomas has served as the Associate Provost for Research and Dean of the School of Graduate Studies since 1990. The Office of Research and Sponsored Programs wants to congratulate him on his new appointment and thank him for his continued leadership and support throughout the years.

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Sponsor Alerts

National Institutes of Health

Status of Non-Competing Grant Progress Report Notification

Notice NOT-OD-03-054 advises researchers that in an effort to improve the timely submission of non-competing progress reports, NIH

recently implemented two separate email reminders to the principal investigator. An initial reminder is sent two months prior to the due date. Approximately two weeks after the due date, a follow-up reminder is sent for those progress reports that are overdue.

Progress reports should continue to be mailed directly to the NIH awarding Institute/Center. A list of Institute/Center mailing addresses for progress reports is found at http://grants.nih.gov/grants/type5_mailing_addresses.htm

The complete Notice NOT-OD-03-054, *Reminder and Update-Status of Non-Competing Grant Progress Report Notification*, can be found at <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-03-054.html>.



National Science Foundation

Cost Sharing Policy Revisions

In response to NSF Important Notice 128, Revision of the NSF Cost Sharing Policy, changes have been made in the Grant Proposal Guide to more clearly categorize cost sharing on two levels:

1. unsolicited proposals submitted in response to the Grants Policy Guide or program announcements, and
2. proposals submitted in response to program solicitations.

The revised section reinforces the concept that, for unsolicited proposals, proposers should not include cost sharing amounts on Line M of the proposal budget. In cases where a program solicitation specifically requires cost sharing, proposers should not exceed the cost sharing level or amount identified in the solicitation.

For complete guidelines on cost sharing in NSF proposals, you may refer to Chapter II, Section C.2.g. (xii) of the Grant Proposal Guide located at <http://www.nsf.gov/pubsys/ods/getpub.cfm?gpg>.



NSF Proposal Preparation Checklist

NSF has added a Proposal Preparation Checklist as Appendix A of their Grant Proposal Guide. The staff in Research and Sponsored Programs will be using this checklist as they review proposal format prior to submission, but we would also like to suggest that researchers may find this checklist to be a useful tool to ensure that they have met the required proposal content and format. The checklist can be found at <http://www.nsf.gov/pubsys/ods/getpub.cfm?gpg>.



Overview of the Office of Research and Sponsored Programs

The Office of Research and Sponsored Programs (RSP) works with faculty and staff to increase externally funded research and other sponsored programs. RSP staff provides the following services:

- Identification of External Sources of Funding
- Dissemination of Funding Information
- Liaison with Sponsors
- Proposal Development and Preparation
- Budget Preparation
- Institutional Compliance
- Institutional Authorization
- Proposal Transmittal
- Contract Negotiations
- Post-Award Administration of Externally Funded Programs

- Administration of Internally Funded Programs
- Technology Transfer
- Government Security

Research News and *Funding Update* are publications of RSP. *Research News*, published periodically during the academic year, covers grant awards and related topics of interest. Descriptions and deadlines of upcoming programs are listed in RSP's electronic publication, *Funding Update*, available at <http://www.wright.edu/rsp>.

If you would like to be placed on the mailing list or would like further information on funding opportunities, application procedures, or other services provided by the office, please contact us (ext. 2425, rsp@wright.edu) or visit the office in 201J University Hall.

Notes From the Director

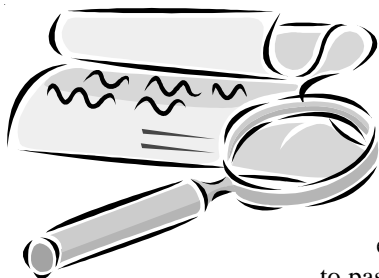
I have been at Wright State more than seven years already and I thought it would be interesting to look at the first set of "notes" that I wrote way back in 1996. I was surprised to find that I had promised to report back on progress being made in four specific areas:

- ⇒ working with faculty to seek out sources of funding;
- ⇒ helping to revise university policies in the areas of patents, licensing, and technology transfer;

- ⇒ fine-tuning the WSU conflict of interest policy and merging it with a broader ethics policy being considered by the Board of Trustees; and
- ⇒ helping RSP become a leader in the development and implementation of electronic research administration.

I apologize for not keeping this promise sooner, but better late than never!

Based on feedback from faculty that I receive from time to time, it would seem that the RSP staff are doing a terrific job of helping faculty find funding opportunities. We also implemented an electronic notification system that replaced our hard-copy "Funding Update" publication. The proof is in the results: we are on track this year to surpass \$50 million in external support; seven years ago we had just above \$25 million.



University policies relating to intellectual property, conflict of interest, and scientific misconduct are in place and seem to be working. On the "to-do" list in this area is a Board of Trustees resolution adopting the Ohio Ethics Commission's guidelines on faculty-owned companies using university technology.

And finally we come to electronic research administration. When I wrote about this in 1996, I was mainly thinking about workflow. But I quickly became convinced that the "old fashioned" way we were doing things (routing in hard copy using actual feet) worked just fine. With respect to submitting proposals electronically, this is slowly coming to pass as more and more sponsors and agencies implement systems following NSF's lead. And behind the scenes we have enhanced RSP's database capabilities quite extensively—allowing us, as the cliché goes, to work a great deal smarter.

In the next issue of *Research News*, I will talk about future goals, now that the university has a new five-year strategic plan.

Bill

WSU Research Challenge Awards Announced

The Office of Research and Sponsored Programs is pleased to announce the awardees for the second round of competition of the 2001-03 biennium for the Technology Commercialization and the Major Collaboration components of the Research Challenge Program

The Technology Commercialization Program, with goals of developing intellectual property, establishing commercial licenses, and the formation of start-up compa-

nies and securing seed capital, is in its third year of organized competition.

This is the first ever biennium for the Major Collaboration Grant Program, which was first announced in the Winter, 2002 issue of *Research News*. With an emphasis on collaboration between faculty, the program is meant to foster submissions of applications to "major" (at least \$750,000 per year) program(s). Congratulations to the grantees.



Technology Commercialization

Wayne Carmichael	Biological Sciences	<i>Commercialization of Detection, Prevention and Remediation Technologies for Harmful Algae Waterblooms</i>	\$36,500
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Major Collaboration

John Turchi	Biochemistry and Molecular Biology (SOM)	<i>Pleiotropic Effects of the p53 Tumor Suppressor on Cellular Signaling Pathways.</i>	\$70,000
Dawn Wooley	Anatomy and Physiology (SOM)	<i>Routes of Transmission and Pathogenesis of Agents of Bioterrorism</i>	\$45,000
James McDougal	Pharmacology and Toxicology	<i>Center for Chemical-induced Skin Inflammation</i>	\$48,000
Sharmila Mukhopadhyay	Mechanical and Materials Engineering	<i>Surface Modification of Nano-structured Solids</i>	\$40,000

From the Technology Transfer Office>>>>



Isabelle Gorrillot, D.Sc.
Technology Transfer
Telephone: 937 775-2651
FAX: 937 775-3781

Welcome to all new Faculty!
 I would like to first extend a warm WELCOME to all new faculty joining Wright State this year. The Technology Transfer function was created in August, 2001 to further support the University's impact on the economic development of the Dayton area and Ohio. The office currently comprises myself as Associate Director and Technology Manager, and a Technology Transfer Assistant, Prasad Garimella, MBA.

My background is in health sciences and, prior to joining Wright State University, I had worked in various business development and technology transfer positions in industry. Prasad is completing his MBA in Finance at the Raj Sooin College of Business after an undergraduate degree in Electrical Engineering and work experience in Information Technology marketing.

Our backgrounds nicely complement each other to support Wright State University's economic development mission. Starting companies based on Wright State University's technology, and thereby creating jobs for the community (Entrepreneurship), or partnering technologies with companies (Technology Licensing) are two avenues that strongly support this mission. Both require, however, a well managed and strong invention and Intellectual Property portfolio, as well as a very energetic community outreach strategy. Such activity cannot succeed without your active collaboration and cooperation!

Your contribution to such endeavors may start with making sure that you keep all options open without compromising access to potential intellectual property protection.

Here are a few tips to help build strong invention and IP portfolios:

- ✓ *If your research may lead to an invention, please contact me before publishing an article, or submitting an abstract for a conference, etc. or before making a presentation (e.g. poster, meeting). This is especially important if you plan on filing a patent application. While the U.S. provides a one-year grace period for publishing before filing the patent application, most other countries do not.*
- ✓ *Please do not disclose to any outside company, especially consulting organizations, any research data or plans that may become part of an invention disclosure before signing a Non-Disclosure Agreement (NDA). Please make sure to redirect them to my office, and I will be happy to coordinate an informational meeting between such parties and you.*
- ✓ *It is a good idea to support your research with Laboratory Notebooks: this is the only legal evidence that stands in court in case of, for example, inventorship disputes, infringement or invalidation actions.*
- ✓ *Please be aware that providing material to a third party without a proper agreement in place may translate into giving potential intellectual property rights away. Many agreements appear to be routine but in fact require negotiation to protect our IP rights! The next Research News issue will address this specific topic.*

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Our IP portfolio: Recent invention disclosures and patents

Inventor	Patent/ID #	Status	Issued/Filed	Title
Raghavan Srinivasan	6,612,150	Issued, U.S.	Sep. 2, 2003	<i>Method and Device for Measuring Abrasive Properties of Paper and other Sheet Materials</i>
Dawn Wooley and Kelly Huang	60/496,333	Filed, U.S.	August 18, 2003	<i>Mutation Rate Assay for HIV-1 in Cell Culture</i>
Ping He	US-2002-0134159-A1	Continuation in Part	Sep. 11, 2003	<i>Method for Determining the Wall Thickness and the Speed of Sound from Reflected and Transmitted Ultrasound Pulses</i>
Maher Amer and John Maguire	60/397,730	Filed, U.S.	July 22, 2003	<i>Method of Reducing Internal Stress in Materials</i>
John Turchi	WRU0254	Provisional	Pending	<i>Replication Protein A as Target for Cancer Chemotherapy: Development of a High-Throughput Screen for Inhibitors of DNA Metabolism</i>

Patents are expensive to obtain and maintain. What is important is to license patents. My goal is to build a well-managed patent portfolio for WSU, i.e. a portfolio comprising patents for inventions that have a market appeal. As a result, I would be happy to meet with you to identify the best approaches to building a commercially appealing invention package around your technologies.

The University's Intellectual Property portfolio is not limited to patents. Other forms of protection are also available such as copyright or trademarks. Please call my office for further information.

conference had the mission to give us an update on the BioShield program and to help us learn more about the players in this domain. Protection against bioagents involves a broad range of competencies from microbiology to immunology or environmental sciences.

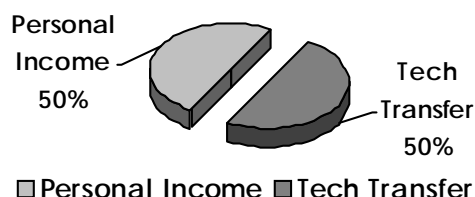
Obviously, industry is quite interested in this program because it envisions fast track regulatory review and, therefore, shorter time to market. Another obvious aspect is that the program needs product oriented research: indeed the population and our armed forces need effective countermeasures FAST. Dr. Dawn Wooley, associate professor

Wright State University's Inventor's Options

A. 90-10 NET Royalty split



B. 50-50 Gross Royalty Split



Finally, leaving the best for the end... "What benefit could I draw from disclosing an invention?" Let me remind you about Wright State's incentive for Technology Licensing and give you a better idea of how disclosing inventions, and collaborating to partner them, can very tangibly reward your laboratory... or yourself. (See above box for options.)

Please remember that "Personal Income" is taxable. As you can see, this is a very generous incentive package for our faculty. For more details, please consult the "Policy and Procedures for Intellectual Property" or contact me.

Japanese Visit

In August, Dr. Thomas Brown, assistant professor of physiology and biophysics, and I had the pleasure of hosting the visit of representatives from a large Japanese company engaged in developing diagnostic tests and medical testing services. The company had expressed interest in licensing Dr. Brown's invention. Of course, negotiating a license agreement involves numerous preliminary steps, one of them being the technical due diligence of the product. The company visited Wright State to discuss results of such an evaluation and the next steps to complete this due diligence. Other companies are interested in this technology as well.

Pulse of the Market

In June, a conference was held in Washington DC on Biodefense. President Bush announced earlier this year the creation of a \$6 Billion "BioShield" program dedicated to supporting research and development in the area of Biodefense. Since the anthrax scare of 2001, the country has developed an awareness about potential biological "surprise" threats far beyond the limits of well-defined military conflicts. The

of physiology and biochemistry and molecular biology attended the conference as well to provide me with her feedback under a scientific point of view. Indeed, she has already established extensive collaborations with prime U.S. research institutions such as the University of Minnesota, The Ohio State University, and the University of Chicago. The consortium was recently awarded a grant of \$1 million to support the creation of a Center of Excellence for Biodefense and Emerging Infectious Diseases Research in which Dr. Wooley is an active participant. Discoveries made for Biodefense applications could also be of great interest within the spirit of the Third Frontier state program. Because of the fast-track regulatory (both at the U. S. Patent and Trademark Office and the FDA) review and clear product-oriented approach driven by national security needs, this appears as a potential area of choice to create companies, which would be a clear benefit to the Dayton area, for example. Please contact Dr. Wooley or me about learning more concerning the BioShield program and how Wright State intends to participate.

I also attended the IBC Drug Discovery conference in Boston from August 10-15. The conference had three parallel tracks: Scientists (usually head scientists) from biotechnology companies or companies servicing the drug discovery market, Bioinformaticians, and Senior Business Executives (Business Development, CEOs, and Venture Capitalists). The drug discovery sector is a vibrant sector at the interface between academic research and industry research. In fact, some business executives perceive it as "industry coated-academic research," thereby conveying concern that some companies may linger in research, losing focus by implementing research projects that lead them away from their core research strategy.

continued on page 6

Such companies tend not to really move forward with development work, and, therefore, never release those precious validated compounds that the drug manufacturers are urgently seeking. It was confirmed that the real need in industry is for validated compounds, as some companies seem to experience “pipeline sweats.” What mirrors the market need is market value and “licensability.” This translates into increased licensability for cutting edge compound validation technology or validated compounds. This recurrent theme confirmed the trend expressed at the BIO 2003 (Biotechnology Industry Organization) Annual Convention.

A common trend that came out of these meetings was that in times of economic hardships, small biotech companies seem to prefer research collaborations with academic research laboratories rather than up front full blown licenses. Indeed, small “biotechs” are the most exposed to the rigors of the current financial markets, and tend to react very conservatively to technology investment. “Research collaboration with option to license” seems to have an appeal in that it is less committing than an up front full-blown license, but it still acts as part of the approach as being one step toward licensing. Please contact the Technology Transfer Office if you think that your research team would be interested in such an option.

As far as areas of interest, *single-cell imaging*, *cell-based assays*, *molecular modelization* and *pharmacogenomics* clearly stood out as well as *compound validation*. Again,

such favored research areas are driven by the need from large drug manufacturers for validated compounds as well as risk reduction and better clinical trial monitoring.

Finally, a topic that may reconcile our academic researchers with their technology commercialization officers was repeatedly addressed by the venture capital world: investors have a quite extensive list of well-established criteria to support their go/no go investment decisions. One of the hot criteria on this list is the quality of the science as *reflected by the number and rank of peer-reviewed publications*. Another, of course, remains the strength of the patent portfolio. Investors also insisted on the need for researchers to be able to make effective presentations of their scientific project. The goal is not to deluge potential investors with data, but to show concept clarity by choosing those data that are critical and convincing. This topic will be extensively discussed at a seminar that will be given at our...

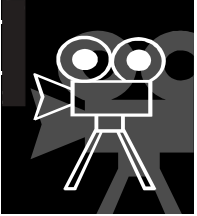
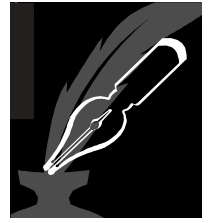
2004 Technology Forum
“From Invention To Market”
April 1, 2004
Student Union Atrium

For those who are new to Wright State University or missed last year’s event, the information is still posted on the web site at: www.wright.edu/techtransfer. Click on the “From Invention To Market 2003” icon in the right hand top corner.

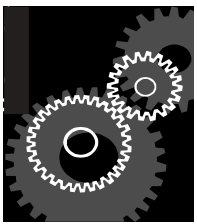
The Program for the 2004 edition of the forum is in the works, and I would welcome your suggestions for seminars. I also will officially send out a *call for posters and booth presentations*. Please contact me at ext. 2651. I sabelle



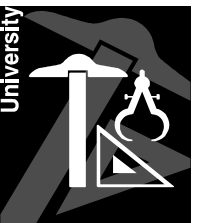
You're Invited....



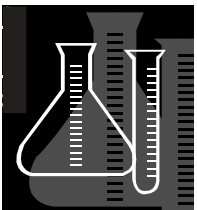
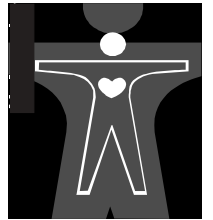
The Office of Research and Sponsored Programs (RSP)
invites
new faculty and those just getting started in research
to an
Orientation Seminar
that will introduce the various services available
in our office.



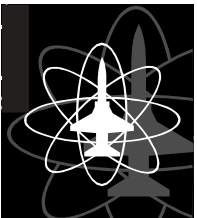
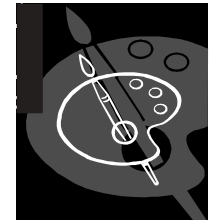
**Thursday, October 23, 2003, 9:00 A.M. to 12 Noon in
E156 A & B Student Union**



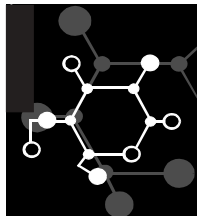
This seminar will answer these questions:
 "How do I locate external funding for my research?"
 "Does the University offer any internal funding programs?"
 "What steps must be taken to submit a proposal?"
 "Where do I go for guidance for compliance issues?"
 "What opportunities for technology transfer are being explored for me?"
 "What must I know about administering external funds?"
 "How will RSP help?"



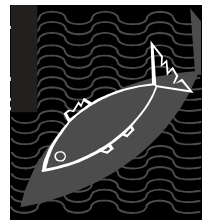
RSP staff will also demonstrate the use of one of our
subscription funding opportunities databases,
Community of Science or



Sponsored Programs Information Network (SPIN)
and information will be provided on how you can be
added to RSP's Faculty Interest Profile database that
we use to match faculty research interests to funding opportu-
nities.



If you plan to attend the seminar, please contact
Jan Power, ext. 2425, by Friday, October 17, 2003.



Pre-Award Notes

Using the “White Paper” Approach to Proposal Writing

Many sponsors request a “white paper” prior to submission of a full proposal. Proposal evaluators or program officers use the white paper as a tool to quickly determine whether the submitter’s overall ideas are of technical value and interest to the sponsor. White papers are used more frequently in the government arena but such “pre-proposals” are also found in the corporate and nonprofit worlds. There may be specific formatting requirements for a white paper submission, but generally the document provides the funding agency with a synopsis or sketch of the project without the full technical and cost detail or backup information that would be part of a full proposal.

The submission of a white paper is a step designed to prevent researchers from incurring the effort and expense of preparing full technical and cost proposals for ideas that do not meet sponsor funding priorities. If the white paper is of interest to the sponsor, the program officer will request submission of a formal technical and cost proposal.

Many WSU researchers have used the “white paper” approach. One experienced WSU faculty member recommends a regular regimen of follow-up once the white paper has been submitted. The first step might be a courtesy phone call to the program officer a few days after

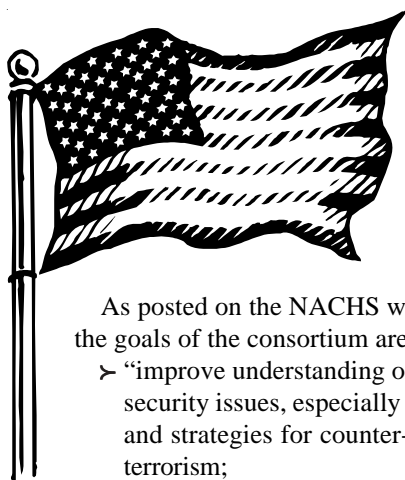


submission to confirm receipt and to offer to answer any questions or provide additional information. A subsequent phone call or email again in another few weeks to inquire on the status of the white paper would be in order if the program officer is open to such inquiries. While faculty are not required to formally route their white papers through RSP before submission to the sponsor, it would be helpful for RSP to be sent an informational copy for the file.

Should the researcher then be invited to submit a full proposal, RSP will already have some idea of the project goals and be ready to assist in developing a successful application.

WSU Becomes Member of National Academic Consortium for Homeland Security

The Ohio State University recently invited WSU to become a member of a consortium that is part of their Program for International and Homeland Security. The consortium comprises public and private academic institutions and aims to promote, support and enhance academic research, technology development, education and training, and service programs dealing with all aspects of international and homeland security through collaboration and information-sharing among academic institutions, researchers and scholars. By joining the consortium, WSU is able to share information describing important homeland security activities taking place on our campus.



As posted on the NACHS web site, the goals of the consortium are to

- “improve understanding of national security issues, especially terrorism and strategies for counter-terrorism;
- promote development of better-informed public policy, strategy, plans and programs regarding national security issues;
- develop new technologies and transition those technologies into effective, practical and affordable solutions to (current and future)

international and homeland security problems; and

- educate and train the people required by governmental and non-governmental organizations, to effectively accomplish international and homeland security roles and responsibilities.”

To learn more about this consortium and to view the information its members have already posted, please visit the web site and “electronic bulletin board” at <http://www.osu.edu/homelandsecurity/NACHS/>. If you are interested in adding or editing information regarding any research or programs at WSU that are related to Homeland Security, please contact Jackie Frederick, the WSU consortium representative (ext. 2664 or email at jackie.frederick@wright.edu).

AWARDS

The grants and contracts on these pages were awarded from April 2003 through August 2003

Academic Affairs

Gabriele, Karen Marie
Fausch, Scott A.
Uniform Commutation Allowance
DoD, Air Force, AFROTC
\$1,713

Hoffman, Christopher
2003 Summer Honors Institute for Gifted Students
Ohio Department of Education
\$62,500

Kennedy, Sandra D.
Scitex Interactive Training and Development Series
Scitex Digital Printing, Inc.
\$7,000

Kennedy, Sandra D.
Interactive Training and Development Program
Emerson Process Management
\$2,147

Kennedy, Sandra D.
Ohio Labor Management Cooperation Partners (OLMCP) Workshops
More Than One Source of Support
\$1,099

Schisler, Cindy
Supervisor Training
Delaware County Human Resources
\$12,000

College of Education and Human Services

Barnhart, Michael L.
Ohio First-Summer Training
Ohio Department of Education
\$40,000

Bernhardt, Gregory R.
Expanding the Pool of Qualified Teachers for Ohio's Schools
Ohio Department of Education
\$49,850

Doll, Valerie
Regional Articulation Pathways in Education
Ohio Board of Regents
\$20,000

Finegan, Colleen A.
Positive Behavioral Support in the Early Childhood Environment
Ohio Department of Education
\$50,000

Mathies, Bonnie K.
PDA Project catalyst OHIO
Ohio Board of Regents
\$150,000

College of Engineering and Computer Science

Bourbakis, Nikolaos G.
Secure Knowledge Management

Wright Brothers Institute, Inc. (The)
\$1,300,327

Bourbakis, Nikolaos G.
Garcia, Oscar N.
Priorities in Graduate Education
Ohio Board of Regents
\$74,484

Chen, Chien-In Henry
Emmert, John
EW Receiver-on-a-Chip (ROC)
DoD, Air Force, Air Force Research Laboratory
\$126,810

Cox, Michael T.
Natural Language Computer Interfaces
Lexis-Nexis
\$25,000

Gallagher, John C.
CAREER: Evolvable Hardware Neuromorphic Computational Devices for Sensing and Control
NSF, Faculty Early Career Development (CAREER)
\$91,724

Garber, Fred D.
Minardi, Michael J.
Intergovernmental Personnel Agreement - Minardi
DoD, Air Force, Air Force Research Laboratory
\$324,882

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.

Garber, Fred D. Dilsavor, Ronald L. <i>Intergovernmental Personnel Agreement - Dilsavor</i> DoD, Air Force, Air Force Research Laboratory \$295,350	Grandhi, Ramana V. <i>Assessment of Non-Traditional Uncertainty Quantification Methods for Structural Analysis and Design</i> Anteon Corporation \$21,501	Hong, Lang <i>Robust Feature-Aided Tracking</i> MRLEts Technologies, Inc. \$70,000
Garcia, Oscar N. <i>Priorities in Graduate Education (Computer Science)</i> Ohio Board of Regents \$104,359	Grandhi, Ramana V. <i>Computational Mathematics for Determining Uncertainty Bounds in Multi-Valued Engineering Design (DAGSI cost share)</i> Dayton Area Graduate Studies Institute (DAGSI) \$17,000	Hong, Lang <i>Distributed Multirate Multiple Model Filtering with Out-of-Sequence Data</i> MRLEts Technologies, Inc. \$50,000
Goshtasby, A. Ardeshir <i>Segmentation and Registration of MR and CT Spine Images</i> Kettering Medical Center \$40,000	Grandhi, Ramana V. <i>Analytical Certification and Multidisciplinary Integration</i> Dayton Area Graduate Studies Institute (DAGSI) \$9,200	Hong, Lang <i>Multirate Interacting Multiple Model Fusion</i> MRLEts Technologies, Inc. \$35,000
Grandhi, Ramana V. <i>Adaptive Structures - Based on Energy Design (ASBED)</i> Anteon Corporation \$109,001	Hangartner, Thomas N. <i>Postmenopausal Evaluation and Risk Reduction</i> Pfizer, Inc. \$26,491	Hong, Lang <i>Interferometric Radar Clutter Suppression</i> Dayton Area Graduate Studies Institute (DAGSI) \$4,435
Grandhi, Ramana V. <i>Nonlinear Analysis of Advanced Composites in a Thermal/Acoustic Environment</i> Anteon Corporation \$99,219	Hangartner, Thomas N. <i>Evaluation of a Novel Treatment for Osteoarthritis of the Knee</i> Procter & Gamble Company \$14,583	Kazimierczuk, Marian K. <i>Developing Effective Strategies and Performance Metrics for Automatic Target Recognition</i> University of South Alabama \$15,690
Grandhi, Ramana V. <i>DAGSI Cost Share: Development of a Thermo-Mechanically Induced Geometric Variance Estimator</i> Dayton Area Graduate Studies Institute (DAGSI) \$30,000	Hill, Raymond Ciarallo, Frank W. <i>Mobility Aircraft Availability Forecast (MAAF) Model</i> Northrop Grumman Information Technology \$54,999	Lieh, Junghsen <i>Advanced Control System for Manufacturing Processes - Phase IV: Precision Machining Process Development and Optimization</i> Delphi Chassis Systems \$66,000
Grandhi, Ramana V. <i>Development of a Thermo-Mechanically Induced Geometric Variation Estimator</i> Ohio State University \$30,000	Hill, Raymond <i>Prototyping Study into Quantifying the Cost of Spatial Disorientation on Air Force Aerial Operations</i> Veridian Engineering \$45,120	Mawasha, P. Ruby Rowley, Blair A. Wolff, J. Mitch <i>Wright Satellite, Teaching, Academic, Technology, and Educational (STATE) Program</i> Ohio Space Grant Consortium \$8,850

Menart, James A. <i>Computer Modeling of the Discharge Chamber of an Ion Engine</i> National Aeronautics and Space Administration \$49,918	Slater, Joseph C. Wolff, J. Mitch <i>Collaborative Research: Parallel Reduced Order Modeling with In-Situ Error Correction and Performance Optimization</i> NSF, Grants for Scientific Research \$25,740	Dockery, Jane L. Jones, Thomas Davidson <i>Assessment of Citizen Perceptions of Transportation Needs</i> RLS Associates \$6,498
Menart, James A. <i>Study of the Effects of Magnetic Fields on the Flow Field in a Mach 5 Wind Tunnel</i> Veridian Engineering \$5,363	Slater, Joseph C. <i>Semi-Active Vibration Control of Fan Blades - Phase 2</i> Universal Technology Corporation \$15,867	Dockery, Jane L. Jones, Thomas Davidson <i>Health Care Needs Assessment</i> Greene Memorial Hospital \$6,400
Mukhopadhyay, Sharmila M. <i>Characterization of Thin Film Surfaces Using XPS</i> Procter & Gamble Company \$86,000	Slater, Joseph C. <i>Validation and Enhancements to Wildcat-POD</i> Universal Technology Corporation \$12,870	Dockery, Jane L. <i>Ohio Tuition Trust Authority (OTTA) Strategic Plan</i> Ohio Tuition Trust Authority \$4,075
Narayanan, Sundaram <i>Personal Knowledge Base</i> Lexis-Nexis \$30,000	Srinivasan, Raghavan Narayanan, Sundaram <i>Development of a "Comfort Index" for Garment Tags and Labels</i> Paxar Corporation \$41,165	Dockery, Jane L. <i>Anthem Planning Grant: Family Violence Prevention</i> Abuse and Rape Crisis Shelter of Warren County \$4,000
Shang, Joseph J.S. <i>Modeling Electromagnetic-Gasdynamic Actuation</i> Veridian Engineering \$20,000	Wolff, J. Mitch <i>Precision Design</i> DoD, Air Force, Air Force Research Laboratory \$60,000	Dockery, Jane L. Jones, Thomas Davidson <i>Health Care Needs Assessment</i> Greene Memorial Hospital \$3,900
Siferd, Raymond E. <i>Broadband High Resolution Bandpass Delta Sigma Analog to Digital Converter</i> Systran Federal Corporation \$149,979	Wolff, J. Mitch <i>Flow Physics of Incomplete Combustion Products Interaction with Film Cooling Air in High Pressure Turbine Stages</i> Dayton Area Graduate Studies Institute (DAGSI) \$6,500	Dustin, Jack L. <i>Urban Projects - Urban Universities Linkage</i> Ohio Board of Regents \$99,930
Siferd, Raymond E. <i>High Speed/Resolution Delta Sigma Analog-to-Digital Converters</i> Systran Federal Corporation \$29,989	College of Liberal Arts	
Slater, Joseph C. <i>Quantifying Uncertainty in Structural Response</i> Anteon Corporation \$27,258	Arose, Lisa H. <i>Partnerships for Success</i> Greene County Family and Children First \$15,586	Dustin, Jack L. Dockery, Jane L. <i>Yellow Springs Home, Inc. Strategic Pl</i> Ohio Capital Corporation for Housing \$3,000

Dustin, Jack L. <i>Dayton Metropolitan Housing Authority Graduate Research Assistant</i> Dayton Metropolitan Housing Authority \$2,500	<i>College of Nursing and Health</i> Graham, Margaret Clark <i>Online Family Nurse Practitioner 1st and 2nd Master's</i> DHHS, Health Resources and Services Administration \$210,660	Agrawal, Abinash Pallavi, Krishna <i>Novel Catalytic Application for the Treatment of Nitrate Contamination in Groundwater</i> Geological Society of America \$2,000
Hooker, Carol <i>Greene County Housing Survey</i> Greene County Department of Development \$14,035	Martin, Patricia A. <i>Miami Valley Hospital Operating Agreement</i> Miami Valley Hospital \$135,000	Amon, James P. <i>A Comparison of the Phosphorus Removal Potential of Three Classes of Wetland Plants</i> University of Dayton \$32,252
Killian, Jerri <i>Ohio Certified Public Manager</i> Ohio Department of Administrative Services \$42,000	Martin, Patricia A. <i>Professional Nurse Traineeship</i> DHHS, Health Resources and Services Administration \$63,257	Arasu, Krishnasany T. <i>Arrays over Small Phase Alphabet Having Desirable Correlation Properties</i> NSF, Grants for Scientific Research \$10,000
McLellan, Marjorie L. <i>University of Dayton Roesch Library Archives Graduate Assistant</i> University of Dayton \$7,000	Praeger, Susan G. <i>OLN Emerging Needs: Health</i> Ohio State University \$221,435	Arlan, Larry G. <i>Analysis of Enzyme Samples/Dust Studies</i> Procter & Gamble Company \$75,784
McLellan, Marjorie L. <i>Sinclair Community College Archives Graduate Assistant</i> Sinclair Community College \$7,000	Vermeersch, Patricia E. <i>Long Term Care Enhancement for RN/BSN Distance Students</i> DHHS, Health Resources and Services Administration \$25,000	Arlan, Larry G. <i>Allergy Studies</i> Clorox Company, The \$42,328
Riordan, Robert V. <i>Archaeological Investigations at the Wright Brothers' Bicycle Shop Lot on West Third Street, Dayton, Ohio</i> Dayton Aviation Heritage Commission \$45,521		Arlan, Larry G. <i>Dust Mite, Dog and Cat Allergen Collection</i> S.C. Johnson Wax \$25,436
Schlagheck, Donna M. <i>Kettering Foundation Internship</i> C.F. Kettering Foundation \$59,624	<i>College of Science and Mathematics</i> Agrawal, Abinash <i>Characterizing the Impact of Human Activity on Surface Water Quality in the Great Miami River Watershed through Remote Sensing and GIS</i> Ohio Space Grant Consortium \$19,000	Arlan, Larry G. <i>House Dust Mite Purity Analysis More Than One Source of Support</i> \$400
	Agrawal, Abinash <i>Internship Program Agreement - Department of Geological Sciences</i> The SIGroup, Inc. \$5,050	Basista, Beth A. Petkie, Doug <i>Algebra and Physical Science Professional Development Project</i> University of Dayton \$97,607

Basista, Beth A. Tomlin, James H. Farrell, Ann M. Rusch, Tracy L <i>Model School Program</i> Miami University \$20,000	Dolson, David A. <i>Intergovernmental Personnel Agreement/Specialized Research</i> Air Force Institute of Technology (AFIT) \$12,801 Flach, John M. <i>Cognitive Systems Engineering: Designing for Situation Awareness</i> Veridian Engineering \$37,500 Fossum, Eric <i>Synthesis and Application of Water Soluble, UV Curable Oligomers</i> Scitex Digital Printing, Inc. \$5,980 Fox, Jane Lee <i>Studies of the Mars Global Surveyor Radio Science Electron Density Profiles</i> National Aeronautics and Space Administration \$75,085 Fox, Jane Lee <i>Participation in the TIMED Spacecraft IDS Team of Janet U. Kozyra (University of Michigan)</i> University of Michigan \$27,604 Geyer, Robert R. Prochaska, Lawrence J. <i>Investigating the Role of Interhelical Hydrogen Bonds in Subunit III of Cytochrome c Oxidase</i> American Heart Association - Ohio Valley Affiliate \$18,000 Gilkey, Robert H. <i>Use of Auditory Displays</i> Veridian Engineering \$7,716	Gilpin, Roger K. <i>Chemical Analysis of Biological Mater</i> State of New York \$119,775 Gilpin, Roger K. Solch, Joseph G. Rukunda, Farai Gilpin, Christina R. <i>Bioremediation of Water Streams Contaminated with PCBs</i> University of Alexandria (Egypt) \$30,000 Gilpin, Roger K. Rukunda, Farai <i>State of Ohio Sludge Program</i> More Than One Source of Support \$21,300 Gilpin, Roger K. <i>Measurements of Contaminants in Commercial Herbicide</i> ATUL Americas \$7,840 Gilpin, Roger K. Rukunda, Farai Gilpin, Christina R. <i>Studies of Selected CDPE in High Throughput Processes</i> Solutia, Inc. \$7,000 Grasman, Keith A. <i>Impacts of Environmental Contaminants on Fish-Eating Birds of the Passaic River</i> U.S. Department of Interior, Fish & Wildlife Service \$100,000 Grasman, Keith A. <i>Immunological Methods for the Characterization of the Reproductive Toxicity of Depleted Uranium in Rats</i> DoD, Air Force, Air Force Research Laboratory \$50,000
Basista, Beth A. <i>Physical Science Workshops for Dayton Public School Teachers</i> Dayton Public Schools \$10,937		
Burton, G. Allen <i>Storm Water Monitoring: Wolf Creek Outfalls</i> City of Dayton, Miscellaneous \$53,860		
Carmichael, Wayne W. <i>Preparation and Certification of the Cyanotoxin Standards Cylindrospermopsin and Anatoxin-A</i> U.S. Environmental Protection Agency \$56,005		
Carmichael, Wayne W. <i>A Laboratory Study on the Use of PUR, "Product for Removal of Cyanobacteria and Cyanotoxins"</i> Procter & Gamble Company \$52,160		
Carmichael, Wayne W. <i>Sera Sample Analyses - Battelle</i> Battelle Laboratories \$38,400		
Carmichael, Wayne W. <i>Characterization of Cyanobacteria Secondary Metabolites</i> More Than One Source of Support \$4,904		

Grasman, Keith A. <i>Assessment of Pollutants and Health Effects in Wild and Captive Birds</i> Canadian Wildlife Service \$3,366	Klein, Helen A. <i>Exploring the Middle East Region to Enhance the Cultural Lens Model</i> Klein Associates, Inc. \$46,920	Ritzi, Jr., Robert W. <i>Ground Water Protection Program</i> Cemex \$24,898
Hauser, Ernest C. <i>Pre-Excavation GPR Survey of the Wright Brothers Bike Shop Site - The Foundation of Aviation</i> Dayton Aviation Heritage Commission \$788	Look, David C. <i>Materials for High Speed Devices</i> DoD, Air Force, Air Force Research Laboratory \$80,000	Ritzi, Jr., Robert W. <i>Miami Conservancy District Internship Agreement 03-04</i> Miami Conservancy District \$9,900
Hennessy, Michael B. Schiml-Webb, Patricia <i>Stress-Induced Sickness Behavior During Separation</i> DHHS, NIH - Center for Scientific Review \$143,000	Look, David C. <i>Donors, Acceptors, and Traps in AlGaIn and AlGaIn/GaN Epitaxial Layers</i> DoD, Air Force Office of Scientific Research (AFOSR) \$73,664	Shalin, Valerie L. <i>Participant Observation of MER Design and Development: Implications for the Relationship Between Tools and Scientific Reasoning</i> National Aeronautics and Space Administration \$23,205
Hennessy, Michael B. <i>Social Influences on Endocrine and Behavioral Responses During Development</i> NSF, Research Experiences for Undergraduates \$6,250	Look, David C. <i>Hall Effect Measurements</i> Varian Associates, Inc. \$1,260	Shebilske, Wayne L. <i>Intelligent Distributed Group and Team Training Systems</i> Texas A & M University \$194,470
Isaacs, Larry D. Pohlman, Roberta L. <i>Center for Health Promotion: MVH Wellness Center</i> Miami Valley Hospital \$12,650	Nagy, Allen L. <i>Higher Order Mechanisms in Color Discrimination</i> DHHS, National Eye Institute (NEI) \$143,000	Shebilske, Wayne L. Tsang, Pamela S. <i>Intelligent Distributed Group and Team Training in AWACS Simulation</i> DoD, Air Force Office of Scientific Research (AFOSR) \$17,994
Ivkovich Clafin, Dragana <i>Stress and Learning: Do Increased Levels of Corticosterone Impair Basic Associative Learning Processes During Early Development?</i> Psi Chi, The National Honor Society in Psychology \$2,000	Petkie, Douglas T. <i>Terahertz Spectroscopy Demonstration for the Detection and Quantification of Molecular Gases</i> Ohio State University \$8,464	Shebilske, Wayne L. <i>Visual Orientation and Spatial Memory: Mechanisms and Countermeasures</i> National Space Biomedical Research Institute \$14,000
Ketcha, Daniel M. <i>Combinatorial Chemistry Curriculum Development</i> Procter & Gamble Company \$50,000	Ritzi, Jr., Robert W. Dominic, David F. <i>Collaborative Research: Solute Transport in Multimodal, Heterogeneous Geological Formations Combining Sedimentologic and Engineering Approaches</i> NSF, Miscellaneous \$31,731	Slattery, William Lunsford, Suzanne K. Brame, Roderic I. <i>Partners in Integrated Earth Systems Science (PIES)</i> Ohio Board of Regents - Title II \$59,766

Tsang, Pamela S.
Aging and Pilot Time-Sharing Performance
DHHS, National Institute on Aging (NIA)
\$175,568

Wang, Weizhen
Voss, Daniel T.
Adaptive Analysis of Sparse Factorial Designs and Related Problems
NSF, Grants for Scientific Research
\$87,061

Wheatly, Michele G.
Calcium Homeostasis Modeled on the Freshwater Crayfish Molting Cycle: From Physiology to Molecular Regulation
NSF, Research in Undergraduate Institutions
\$100,000

Lake Campus

Bryan, Paula K.
21st Century Community Learning Center Program
Mercer County Educational Service Center
\$27,000

Curry-Jackson, Anita E.
Grand Lake/Mercer County Project
Grand Lake/Mercer County Research, Inc.
\$9,270

Schumm, Gregory F.
Targeted Training Grant - Auglaize Farmers Cooperative
Lorain County Community College
\$13,212

Schumm, Gregory F.
Targeted Training Grant - Minster Farmers Cooperative
Lorain County Community College
\$6,785

Schumm, Gregory F.
Targeted Training Grant - Eaton Corporation
Lorain County Community College
\$5,000

Schumm, Gregory F.
Targeted Training Grant - United Manufacturer's Alliance
Lorain County Community College
\$5,000

Dewey, Dawne
U.S. Centennial of Flight (COFC) Web Enhancement Program
U.S. Department of Transportation, Federal Aviation Administration
\$9,235

Raj Soin College of Business

Bodey, Michael W.
M-SBDC Program Income Account
More Than One Source of Support
\$1,750

Sylvester, Roger
Study Tour on Economic Education
National Council on Economic Education
\$6,092

School of Graduate Studies

Sanville, Thomas J.
OhioLINK
Ohio Board of Regents
\$3,379,037

Sanville, Thomas J.
Statewide Core Electronic Information Collection (SCEIC)
State Library of Ohio
\$995,747

Sanville, Thomas J.
Statewide Core Electronic Information Collection (SCEIC)
State Library of Ohio
\$300,000

Thomas, Jr., Joseph F.
Ohio's Research Challenge - "03-05" Biennium
Ohio Board of Regents
\$197,813

Library

Thomas, Jr., Joseph F.
Ohio's Research Challenge - "01-03" Biennium
Ohio Board of Regents
\$177,786

School of Medicine

Alter, Gerald M.
Graduate Research Assistant Stipend - Wey
Harbor-UCLA Research & Education Institute
\$17,255

Alter, Sherman J.
Treatment of Pediatric Patients for Infections
Bayer Corporation
\$2,076

Alvarez-Leefmans, F. Javier
Olson, James E.
Cell Volume Regulation in Neurons and Glia
DHHS, National Institute of Neurological Disorders and Stroke (NINDS)
\$288,097

Bernstein, Jack M.
Effectiveness of a Novel Treatment for Pneumonia in Elderly Patients
Bayer Corporation
\$45,775

Bernstein, Jack M. <i>Effectiveness of a Novel Treatment for Serious and Life-Threatening Infections</i> Cubist Pharmaceuticals, Inc. \$23,000	Cauley, Katherine L. <i>AHEC Support</i> Ohio Board of Regents \$161,535	Drehmer, Timothy J Hangartner, Thomas N. <i>A Novel Treatment for Rheumatoid Arthritis</i> Merck & Co., Inc. \$0
Bernstein, Jack M. <i>Treatment of Early Stage Severe Sepsis</i> Eli Lilly & Company \$0	Cauley, Katherine L. <i>Montgomery County Medicaid Outreach Services</i> Montgomery County Department of Job and Family Services \$7,253	Dunn, Margaret M. <i>DCOP Fiscal Agency Supplement (06/02 - 05/04)</i> Dayton Clinical Oncology Program (DCOP) \$826,208
Bernstein, Jack M. <i>Treatment of Complicated Skin and Skin Structure Infections</i> Wyeth Research \$0	Choh, Audrey Cheng-Lin Siervogel, Roger M. <i>The Genetic Epidemiology of Cardiovascular Reactivity to Physiological Stressors</i> American Heart Association - Ohio Valley Affiliate \$37,000	Duren, Dana L. Towne, Bradford <i>Lifetime Patterns of Body Mass and Quantitative Measures of Osteoarthritis Risk</i> Arthritis National Research Foundation \$50,000
Binder, Stephen Bruce <i>Predoctoral Training in Primary Care</i> DHHS, Health Resources and Services Administration \$127,155	Chumlea, W. Cameron <i>Fels Study Hearing Updates</i> DHHS, Centers for Disease Control and Prevention (CDC) \$15,000	Fink, Robert J. <i>Novel Treatment for Respiratory Infections</i> MedImmune, Inc. \$17,569
Bonnet, Michael H. <i>Treatment of Primary Insomnia</i> Pfizer, Inc. \$24,883	Cool, David R. <i>Vasopressin Cytotoxicity in Inherited Diabetes Insipidus</i> DHHS, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) \$243,100	Fyffe, Robert E.W. Garcia, Oscar N. Raymer, Michael L. <i>Genome Research Infrastructure Partnership</i> University of Cincinnati \$1,497,654
Bonnet, Michael H. <i>Neurocrine Sleep Consortium Agreement - Transient Insomnia</i> Neurocrine Biosciences, Inc. \$23,704	Crosby, Lynn A. <i>Torn Rotator Cuff Reattachment</i> DePuy Products, Inc. \$18,000	Fyffe, Robert E.W. <i>Center of Excellence in Cellular Dynamics and Engineering</i> Wright Brothers Institute, Inc. (The) \$955,000
Broxson, Jr., Emmett H. <i>Treatment of Malignant Solid Tumors or Hodgkin's Disease</i> Ortho Biotech Products, L.P. \$15,000	Di Fulvio, Mauricio Gomez-Cambronero, Julian <i>Molecular Characterization of a New Phospholipase D Splice Variant in Neutrophils</i> American Heart Association - Ohio Valley Affiliate \$37,000	Fyffe, Robert E.W. <i>Regulation of Spinal Interneuron Input-Output Functions</i> DHHS, National Institute of Neurological Disorders and Stroke (NINDS) \$289,680
Carlson, Robert G. Siegal, Harvey A. <i>MDMA/Club Drug Use and STD/HIV Sex Risk Behavior in Ohio</i> DHHS, National Institute on Drug Abuse (NIDA) \$572,979		

Gentile, Julie P. <i>MRDD Residency/Traineeship Training</i> Ohio Department of Mental Health \$30,000	Leffak, I. Michael <i>Human c-myc Gene Replication Origin</i> DHHS, National Institute of General Medical Sciences (NIGMS) \$97,267	Morris, Mariana Stern, Javier E. <i>Role of Angiotensin Receptors in Central Osmosensitivity</i> DHHS, National Heart, Lung, and Blood Institute (NHLBI) \$321,750
Gentile, Julie P. <i>MRDD Residency/Traineeship Training</i> Ohio Department of Mental Health \$10,000	Leffak, I. Michael <i>DNA Replication Fork: Pausing, Recombination and Disease</i> Children's Hospital Research Foundation \$86,726	Morris, Mariana Sun, Shumei S. <i>Short-Term Training for Minority Students (STREAMS) at WSU</i> DHHS, National Heart, Lung, and Blood Institute (NHLBI) \$85,324
Hamilton, Glenn C. <i>Personnel Support for the Wallace-Kettering Neuroscience Institute</i> Kettering Medical Center \$10,000	McDougal, James N. <i>Breakfree CLP</i> DoD, Office of Naval Research \$59,000	Organisciak, Daniel T. <i>Environmental Light and Retinal Membrane Development</i> DHHS, National Eye Institute (NEI) \$312,484
Heaphy, Michael R. <i>Tattoo Removal Enhancement</i> 3M Pharmaceuticals \$70,000	Moore, Dennis C. <i>Adapting Prevention Education for Youth with Disabilities</i> Ohio Department of Alcohol & Drug Addiction Services \$73,000	Parmelee, Dean X. <i>Team Learning Support</i> Baylor College of Medicine \$585
Lauf, Peter K. <i>Proteomics of M-L Antigens Modulating Cation Transport</i> DHHS, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) \$143,000	Moore, Dennis C. <i>Prevention Through Alternative Learning; Violence and Substance Abuse Prevention</i> Dayton Public Schools \$29,563	Paul, Cassandra C. Baumann, Michael A. <i>AML14.3D10 Cell Line</i> AstraZeneca Pharmaceuticals LP \$16,648
Lauf, Peter K. Adragna-Lauf, Norma C. <i>Third Symposium Cell Volume & Signaling Regulation</i> DHHS, NIH - Center for Scientific Review \$12,000	Moore, Dennis C. <i>SARDI Tobacco Prevention in Treatment</i> Miami Valley Health Improvement Council Tobacco Coalition \$25,000	Pearson, John C. Mathews, Thomas Nieder, Gary L. Anderson, Mark D. <i>Neurologic Resource in the QuickTime Streaming Format</i> DHHS, National Library of Medicine (NLM) \$40,347
Lee, Miryoung Siervogel, Roger M. <i>Oxidized LDL and its Role in Inflammation and Risk for Cardiovascular Disease</i> American Heart Association - Ohio Valley Affiliate \$37,000	Moore, Dennis C. <i>RRTC on Drugs and Disabilities Training</i> National Association on Alcohol, Drugs and Disability, Inc. (NAADD) \$9,646	Putnam, Robert W. Dean, Jay B. <i>Intracellular pH Responses of Central Chemoreceptors</i> DHHS, National Heart, Lung, and Blood Institute (NHLBI) \$243,100

Rapp, Richard C. <i>Reclaiming Futures: Montgomery Cou</i> Robert Wood Johnson Foundation \$1,000,000	Siegal, Harvey A. Carlson, Robert G. <i>Ohio Substance Abuse Monitoring Network</i> Ohio Department of Alcohol & Drug Addiction Services \$310,594	Sun, Shumei S. <i>The Epidemiology of Body Mass Index Rebound</i> Children's Hospital Medical Center (Cincinnati) \$55,833
Remsberg, Karen E. Siervogel, Roger M. <i>Early Life Antecedents of Adult Chronic Disease</i> DHHS, NIH - Center for Scientific Review \$46,420	Siegal, Harvey A. <i>MCHD CSATHIV Prevention Project</i> Montgomery County Combined Health District \$5,400	Towne, Bradford <i>AHA-Ohio Valley Affiliate Undergraduate Student (A. Stargel) Summer Research Fellowship</i> American Heart Association - Ohio Valley Affiliate \$2,500
Royce, Frederick H. <i>Inhalation Therapy for Management of Cystic Fibrosis</i> Children's Hospital Research Foundation \$9,605	Stem, Javier E. <i>Hypothalamic Role in Hypertension</i> DHHS, National Heart, Lung, and Blood Institute (NHLBI) \$244,445	Turchi, John J. <i>Recognition and Repair of Cisplatin-DNA Damage</i> DHHS, National Cancer Institute (NCI) \$193,050
Schuster, Richard J. <i>State of Ohio - Know Your Numbers Campaign</i> Ohio Department of Health \$28,400	Stem, Javier E. <i>Cellular Mechanisms Controlling Central Oxytocinergic Activity. Role in the Pathophysiology of Autism</i> Cure Autism Now Foundation \$40,000	Zryd, Teresa W. <i>Creating Educational Partnerships in Diverse Communities</i> DHHS, Health Resources and Services Administration \$115,314
Schuster, Richard J. <i>State of Ohio - Know Your Numbers Campaign, Discrete Population Assessment</i> Ohio Department of Health \$11,520	Stem, Javier E. <i>AHA-Ohio Valley Affiliate Undergraduate Student (A. Coleman) Summer Research Fellowship</i> American Heart Association - Ohio Valley Affiliate \$2,500	School of Professional Psychology Glaus, Kathleen D. <i>Scholarships for Disadvantaged Students Program (SOPP)</i> DHHS, Health Resources and Services Administration \$27,037
Siegal, Harvey A. Rapp, Richard C. <i>Reducing Barriers to Drug Abuse Treatment Services</i> DHHS, National Institute on Drug Abuse (NIDA) \$782,879	Stills, Harold F. <i>W.S.U. Emergency Power and Quarantine Caging</i> DHHS, National Center for Research Resources (NCRR) \$105,904	Warfield, Janece <i>PECE-PACT: Parents Early Childhood Education/Positive Action Choices Training</i> Montgomery County ADAMH Services Board \$67,597
Siegal, Harvey A. Carlson, Robert G. Falck, Russel S. Wang, Jichuan <i>Crack Cocaine and Health Services Use in Rural Ohio</i> DHHS, National Institute on Drug Abuse (NIDA) \$580,778	Sun, Shumei S. Chumlea, W. Cameron <i>Sexual Maturity for U. S. Children</i> DHHS, National Institute of Child Health and Human Development (NICHD) \$268,212	

Winfrey, LaPearl
SOPP Student Practicum Training
 Montgomery County ADAMH Services Board
 \$36,000

Winfrey, LaPearl
Practicum Training
 Trotwood-Madison Schools
 \$30,000

Winfrey, LaPearl
Practicum Training
 Employee Care of MVH/Good Sam Hosp.
 \$24,000

Winfrey, LaPearl
Pre-Doctoral Training
 Children's Medical Center (Dayton)
 \$16,000

Winfrey, LaPearl
Practicum Training
 Consumer Advocacy Model Program
 \$12,000

Winfrey, LaPearl
Practicum Training
 Dayton Urban League
 \$12,000

Winfrey, LaPearl
Practicum Training
 Dettmer Hospital
 \$10,000

Winfrey, LaPearl
Urban Public Health Initiative
 Ohio Department of Mental Health
 \$6,000

Winfrey, LaPearl
Rural Practice Initiative Residency Traineeship Program
 Ohio Department of Mental Health
 \$6,000

Winfrey, LaPearl
Practicum Training
 Twin Valley Psychiatric System
 \$6,000

Winfrey, LaPearl
Post-Doctoral Training
 Twin Valley Psychiatric System
 \$6,000

Winfrey, LaPearl
Practicum Training
 Central Clinic
 \$6,000

Winfrey, LaPearl
Practicum Training
 Darke County Mental Health Center
 \$6,000

Winfrey, LaPearl
Practicum Training
 Matrix Psychological Services
 \$6,000

Winfrey, LaPearl
Practicum Training
 Pain Care Institute
 \$6,000

Winfrey, LaPearl
Practicum Training
 Shelby County Counseling Center
 \$6,000

Winfrey, LaPearl
Practicum Training
 Dettmer Hospital
 \$6,000

Winfrey, LaPearl
Practicum Training
 Bonds, Mathis & Associates
 \$6,000

Winfrey, LaPearl
Practicum Training
 University of Dayton
 \$5,500

Yung, Betty
Ohio Faculty Directory
 Ohio Commission on Minority Health
 \$10,000

Student Affairs

Darr, David R.
Scholarships for Disadvantaged Students (Medicine)
 DHHS, Health Resources and Services Administration
 \$317,687

Universitywide/Miscellaneous

Coyle, Michael L.
Snow Emergency Removal
 Ohio Emergency Management Agency
 \$20,103

Nord, Douglas C.
 Streeter-Ferrari, Michelle
Building Resources in the Development of Global Education for International Business
 U.S. Department of Education
 \$85,070

Nord, Douglas C.
 Schlagheck, Donna M.
Encountering the Old and New Worlds: Enhancing Student and Faculty Involvement in European and Western Hemispheric Studies
 U.S. Department of Education
 \$70,000

Facilities & Administrative (F & A) Rates for FY 2003 – 2004

Organized Research

On-Campus 43.50%
 Off-Campus 26.00%

Other Sponsored Activities

On-Campus 28.00%
 Off-Campus 21.00%

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
<http://www.wright.edu/rsp/>



Find Funding Sources

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 **016 Library on November 12, 2003**, from 12-1 P.M.. The focus of this workshop is the electronic databases available on the RSP homepage, which includes:

Community of Science and Sponsored Programs Information Network (SPIN)

Registration is limited to the first 15 participants so that everyone is assured access to a computer. We ask that those wishing to attend please register by **November 7th**. For additional information or to register, please contact Jackie Frederick by email at jackie.frederick@wright.edu or by telephone at ext. 2664.

Director

William K. Sellers, Ph.D william.sellers@wright.edu

Senior Associate Director

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