Internal Funding Awards Announced

Research Incentive Awards

RSP is pleased to announce the award recipients for the FY 2004 Research Incentive Program. The Research Initiation competition attracted 10 proposals of which five were selected for funding for a total of $45,918. There were nine proposals in response to the Professional Development competition with five awarded for a total of $14,525.

Research Initiation

<table>
<thead>
<tr>
<th>Name</th>
<th>College &amp; Department</th>
<th>Project Title</th>
<th>Funding Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jean Edwards</td>
<td>College of Science and Mathematics</td>
<td>Coping with Job Loss</td>
<td>$9,918</td>
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<tr>
<td>John Rudisill</td>
<td>Raj Soin College of Business</td>
<td>The Impact of Smart Growth Management Policies on Retail Development in Ohio</td>
<td>$6,000</td>
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<td>James Larsen</td>
<td>College of Liberal Arts</td>
<td>Professional Recording with the Janacek Philharmonic Orchestra, Ostrava, Czech Republic</td>
<td>$10,000</td>
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<td>John Blair</td>
<td>College of Liberal Arts</td>
<td>Making Progress: Living and Working in Ohio's Miami Valley</td>
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<td>Jackson Leung</td>
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<td>Low-Latency Robust Video Encoding for Music Telepresence</td>
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<td>Marjorie McLellan</td>
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<td>Yong Pei</td>
<td>College of Engineering and Computer Science</td>
<td>Professional Recording with the Janacek Philharmonic Orchestra, Ostrava, Czech Republic</td>
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Professional Development

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<th>Name</th>
<th>College &amp; Department</th>
<th>Project Title</th>
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<tbody>
<tr>
<td>Glen Cebulash</td>
<td>College of Liberal Arts</td>
<td>The Inherent Abstraction in the Invented Multi-Figure Compositions of the Dutch and Flemish Masters</td>
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<td>Xenia Bonch-Bruevich</td>
<td>College of Liberal Arts</td>
<td>Intensive Arabic Study in Tunis, Tunisia Summer 2004</td>
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<td>J. Mitch Wolff</td>
<td>College of Engineering and Computer Science</td>
<td>Professional Development in Hypersonic Vehicle Development and Turbomachinery</td>
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<td>William Slonaker</td>
<td>Raj Soin College of Business</td>
<td>The Ohio Employment Discrimination Studies: Database Management</td>
<td>$3,000</td>
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<tr>
<td>Joyce Kannan</td>
<td>College of Liberal Arts</td>
<td>Social and Economic History of Marriage in Kenya</td>
<td>$3,000</td>
</tr>
</tbody>
</table>

What's Inside

Photos and overview of WSU's Technology Forum and Showcase start on page 4
Export Controlled Information — Help in Determining Your Responsibilities

In the late 70's, concerns about the inappropriate transfer of new information, technologies, and products with military applications outside the U.S. resulted in legislation that controls the exports of selected technologies and products. With this atmosphere of heightened national security, more and more government sponsors are including International Traffic in Arms Regulations (ITAR) and Export Administration Act of 1979 (EAR) clauses in their contracts.

The different laws and regulations with their different definitions are a source of confusion for those trying to comply with the regulations and to determine if they need an export license for their technology. The Office of Research and Sponsored Programs has added a link to the Policies Page on our website (http://www.wright.edu/rsp/policies.html) that provides information from the U.S. Department of State and Department of Commerce. At this link, you will find
- an overview of export-controlled information,
- additional background information, and
- a decision tree which can help you determine if your project or personnel are affected by these regulations.

Just go to the Export Controls link under Guidance, and it will take you directly to this informative site.

NASA Creates Task Book Publication

The National Aeronautics and Space Administration (NASA) recently announced the release of the Office of Biological and Physical Research (OBPR) Tasks and Bibliography for Fiscal Year 2004. This Task Book is an up-to-date searchable document of the funded tasks and bibliographies for this fiscal year. This document contains valuable information with searchable criteria about the peer-reviewed research activities supported by OBPR and its Fundamental Space Biology Division, Bioastronautics Research Division, and Physical Sciences Research Division. If you are interested in seeing who or what is being funded by these NASA divisions, you can access the new release and all archived versions of the Task Book at http://peer1.nasapsrs.com/peer_review/index.cfm.

Research and Sponsored Programs recently participated in a poster session at the WSU Quest for Community symposium held on April 16, 2004. The RSP poster demonstrated how the funding databases, Sponsored Programs Information Network (SPIN) and Community of Science (COS) can be used to target specific populations as beneficiaries of projects through the use of diverse target groups or keywords. A computer was also available for those who wanted to try out the databases first hand. If you would like information on how to use the funding databases to assist you in your search for external funding, please contact Jackie Frederick at ext. 2664 or at: jackie.frederick@wright.edu, and she will be glad to assist you. Also, Funding Opportunities Workshops are held quarterly to give you an opportunity to receive a hands-on learning experience for these funding databases.
Call for Comments on Limited Submission Draft Policy

The Office of Research and Sponsored Programs (RSP) is considering a more formal process for selecting proposals that may be submitted to a "limited submission" Request for Proposal (RFP). "Limited submission" proposals are those that have some sort of limitation imposed by the sponsor on the number or type of proposals that an institution may submit in response to a particular RFP. If more than the allowable number of principal investigators intends to submit a proposal to a limited submission program, an internal review process must be instituted to determine which proposals may go forward.

Every effort is made to be proactive with limited submission proposals; however, at this time, there are over 200 requests for proposals cited in the Community of Science database to which WSU faculty would be eligible to apply, but that are categorized as limited submissions. Rather than flood faculty email boxes with reminders about procedures for every limited submission RFP, the following procedures to determine the selection process for all limited submission requests for proposals are suggested:

(A) A limited submission funding announcement comes to the attention of the Office of Research and Sponsored Programs or a faculty member at least several weeks prior to the submission deadline.

- If it is anticipated that at least one proposal will be submitted, RSP will send out an announcement on the faculty list serve requesting abstracts by a specific date prior to the deadline date.

- Upon receipt of those abstracts, if we find we do not exceed the number of proposals on the sponsor's limit, all those submitting abstracts may submit proposals.

- Upon receipt of those abstracts, if we find that the maximum number of allowable proposals is exceeded, the Vice President for Research in conjunction with the appropriate deans will make the final determination on which proposals will be allowed to go forward.

- If RSP receives any proposals for a limited submission RFP after the requested date for abstracts, these proposals will not be considered for submission unless RSP did not receive any abstracts by the original specified date (or received fewer than the number allowed). If RSP did not receive any abstracts by the original date (or received fewer than the number allowed), these proposals will be treated on a first come, first serve basis until the maximum number allowable is reached.

(B) A faculty member brings a limited submission proposal to RSP that has not previously been announced on the list serve with a deadline date for abstracts.

- If there is enough time (at least ten working days prior to the deadline), an announcement will be sent out on the faculty list serve and instructions (A) will apply.

- If there is less than ten working days prior to the deadline, the proposals will be submitted on a first come, first serve basis. If any proposals come in after WSU has reached their maximum number of submissions, those proposals will not be able to be submitted.

We would appreciate your comments and/or suggestions for this limited submission policy. Please forward all your comments to Jackie Frederick at: jackie.frederick@wright.edu by June 30, 2004.
Attendance at the Technology Forum and Showcase “From Invention to Market 2004” was beyond expectations. There were 155 attendees (both those who preregistered and those who registered on site). I would like to thank all exhibitors and speakers, as well as attendees who came to "celebrate the promise of innovation" with us this year, and share our enthusiasm for transferring our technologies into the marketplace.

I would like in particular to thank Ohio Representative Merle G. Kearns (pictured at left with President Goldenberg and Dr. Jay Thomas, Jr., Vice President for Research) for her presence at the event, Mr. Steven Lake, Governor Taft’s representative in Dayton, as well as Dr. Marc Cloutier for his presentation on Third Frontier funding opportunities at the opening ceremony of the Showcase. The generous contribution of our sponsors definitely made the event a resounding success.

The Opening Ceremony

The Invention Showcase officially opened at 11.30 am with a presentation by Dr. Marc Cloutier, who is Special Assistant for Biotechnology at the Ohio Department of Development. He spoke on the Third Frontier opportunities for funding commercially oriented research projects.

Dr. Cloutier was followed by President Goldenberg, who reminded us of Wright State University’s commitment to fostering economic growth in the Dayton area and beyond. He indicated how events such as the technology forum “From Invention to Market” contribute to the convergence between academia, industry, and government and to the leveraging of synergies that will ensure a successful transition from a manufacturing to a knowledge-based economy.
The Technology Showcase

The Technology Showcase was well attended and resulted in the initiation of licensing discussions for one of the displayed technologies, as well as discussions regarding the establishment of a second start-up company based on an entire Wright State technology platform. We are excited to see the Technology Forum produce such quick results, and we look forward to a favorable conclusion to the negotiations.

Fifteen exhibitors presented their inventions this year at the Technology Showcase: eight in Health Sciences and seven in Physical Sciences. We welcomed the following new exhibitors this year: Dr. Dawn Wooley, Dr. John Turchi, Dr. Roger Gilpin, Dr. Douglas Petkie, Dr. Raghavan Srinivasan, Dr. Xinhui Zhang, Dr. Forouzan Golshani, Dr. Julie Skipper and the new Wright Center of Innovation represented by Mr. Ken Berta and Ms. Cynthia Hufnagle.

The Seminars

This year again the forum comprised morning and afternoon seminars designed to provide a baseline understanding of the technology commercialization process, both from the university and from the corporate perspectives. The ultimate goal of the seminars was to help academic and industry partners to work better and to avoid misunderstandings. This year, the forum offered an entire afternoon dedicated to entrepreneurship in an effort to provide some practical advice to get started. Several of the presentations are available on the event website at: www.wright.edu/techtransfer/itm04, go to "Program".

The morning sessions focused on the initiation part of the technology commercialization process. A core message shared at Dr. William Sellers' (right) session was that securing intellectual property rights needs to be considered as early as at the funding stage, especially if the project is going to be industry-sponsored. At his session, Tim Hagan, Esq. (left) of Dinsmore and Shohl, LLP, noted that thereafter, researchers and the technology transfer officer need to work hand-in-hand to make sure that access to intellectual property rights are preserved by way, for example, of sound invention disclosure and documentation (laboratory notebooks) or sensible communication with outside individuals (confidentiality).
Dr. Isabelle Gorrillot (Associate Director for Technology Transfer, WSU) emphasized the importance of remembering that, per the Bayh Dole Act (1980), patents resulting from federally-sponsored research are owned by universities, which have the responsibility to commercialize them. Turning in an invention disclosure, however, does not warrant that a patent application is automatically going to be filed. The decision to file or not is contingent upon the ability to demonstrate real commercial potential. Such evaluation is performed in collaboration with external firms.

An Entrepreneurial Afternoon

Dr. Golshani, (right) our new chair of Computer Sciences, introduced the entrepreneurial afternoon with a seminar presenting the steps from scholarly research to entrepreneurship. He also included pertinent information that would assist researchers as they begin to create a business plan.

Dan Fausz, Esq., (above) of the firm of Taft, Settenius & Hollister in Cincinnati, discussed legal issues pertaining to incorporation.

The afternoon closed with a presentation from Christina Howard (right), Vice President of Entrepreneurship at the Dayton Development Coalition. Christina is herself a seasoned entrepreneur who has also held senior executive positions in the banking industry. She shared with us the different options available for early-stage funding and how appropriate each is to a particular technology.

The Seminars were well attended, and the sessions were full of both WSU and external participants. It was especially encouraging to spot a few WSU researchers such as Dr. Dawn Wooley (below, left photo) interacting with numerous executives from industry (below, middle photo, Dr. Anthony Grady, CEO of Synerbotics, Dayton; John Lewis, from OMERIS; Myron Leffe, from Leffe & Associates, Columbus), as well as other academic institutions (below, right photo, Dr. Dorothy Air, Sr. AVP Entrepreneurship at UC, here with Mark Bruemmer, CEO of NetMotifs, Cincinnati).
Such interdisciplinary and multi-level interaction sows the seeds to bridging the gap between culturally different entities and people, so as to actively foster regional economic development.

The third technology forum “From Invention to Market” was meant to be a key convergence event at Wright State University, gathering university researchers, industry executives, economic development and government leaders to establish a constructive dialogue intended to bridge the cultural gap between organizations operating on sometimes divergent agendas. It is clear that this goal was met, and I hope that this success will inspire a growing number of WSU researchers to consider new approaches to research that would combine their scientific interests with those of the community. Economic growth depends on innovation, and innovation depends on applied as well as basic research. Celebrating the promise of innovation requires the involvement of a growing number of our researchers.

Isabelle Garillet

Technology Showcase Exhibitors

**Mechanical & Materials Engineering**
- Design of Undersea Weapons
  - Dr. Ramana Grandhi
  - Ed Aryanak
  - Rajesh Kalavaapally
  - Rahul Khambaswadkar
- Ultratine Grain Forging Stock Saves Energy, Material, and Manufacturing Costs
  - Dr. Raghavan Srinivasan
  - Bala Cherukuri
  - Teodora Nedkova

**Information Technology**
- The Information Technology Research Institute (ITRI)
  - Dr. Nickolaos Bourbakis
  - Ming Yang
  - Jun Lu
- The Advanced Data Management and Analysis (ADMA) Wright Center of Innovation (WCI)
  - Dr. Joseph F. Thomas, Jr.
  - Ken Berta

**Optimization Solutions in Logistics, Transportation, Media, and Services**
- Dr. Xinhui Zhang
- Arvind Chakravarthy

**Biosciences**
- Diagnostic Test for Sjögren Syndrome
  - Dr. Thomas L. Brown
  - Dr. Jon Morrow
- Human Immunodeficiency Virus I (HIV I) Treatment Monitoring Assay
  - Dr. Dawn P. Wooley
  - Courtney Stanforth

**Imaging**
- Image Guided Surgery Systems
  - Dr. Arthur Goshtasby
  - Lubamir Vagorchev
- Quantitative Bone Evaluation
  - Dr. Julie Skipper
  - Dr. Thomas Hangartner
  - Sujata Kamath
  - David Short

**Environment**
- Water-based Disease Intervention: Commercial Applications of Harmful Algae Research
  - Dr. Wayne Carmichael
  - Mary Stukenberg
- Millimeter-Wave Spectroscopy of Gas Samples for Environmental Sensing
  - Dr. Douglas T. Petkie

**Biomedical Engineering**
- Imaging Solutions to Identifying Novel Anti-cancer Agents
  - Dr. John Turchi
  - Brooke Andrews
- Forensic Bioinformatics, Inc: Making Sense of DNA Evidence in Criminal Trials
  - Dr. Dan Krane
  - Carry Rowland
  - Jason Guilder

**A Novel Method to Accurately Measure the Wall Thickness of Small Tubes**
- Dr. Ping He

Jan Power, Sandy Wood, and Chris Piekikola welcomed the attendees with gracious smiles and were an invaluable source of behind-the-scenes support.

Drs. Courtney Sulentic and Mariana Morris of Pharmacology and Toxicology and Dean of the College of Science and Mathematics, Michele Wheatly, attended the Showcase.
Pre-Award NOTES

National Institutes of Health (NIH)

Change in 2004 Salary Limitation

On March 11, 2004, the National Institutes of Health issued a notice (NOT-OD-04-034) announcing that the Executive Level I salary level has been increased, effective January 1, 2004, from $174,500 to $175,700 to comply with an Executive Order to implement a retroactive pay increase for Federal employees. Consistent with NIH's implementation of the FY 2004 salary limitation, if grant awards (competing or non-competing) have already been issued in FY 2004, no adjustments can be made; however, rebudgeting is allowable.

Full details on NIH's implementation of the salary limitation can be found at http://grants.nih.gov/grants/guide/notice-files/NOT-OD-04-025.html.

New National Cancer Institute Policy on Large R01's

The National Cancer Institute (NCI) announced a new funding policy in notice NOT-CA-04-004 that will affect grant applications with direct cost requests in excess of $700,000 in any single year. The new policy states that a separate payline will be established at each round for these large unsolicited grants while they will continue to make every effort to maintain the large R01 payline as close as possible to the general R01 payline.


Will Your Proposal Fit in the Box?!!?

Once a proposal has completed the internal routing procedure and is ready for submission, the RSP staff will make the necessary copies and send the proposal to the sponsor by overnight delivery service. The packaged proposals are taken to a UPS drop box located here on campus. The last pickup at the drop box is at 6 p.m.

If your proposals are rather large and require several copies, it may be necessary to put them into a box that may not fit into the drop box. If this is the case, we have the option of delivering them to the Shipping and Receiving Department for pickup by the UPS delivery person, however, we must have the package to Shipping and Receiving by 3:00 p.m. If you do have a large proposal that requires several copies, please keep in mind that we will need time to copy the proposal and package it to have it ready for the 3:00 p.m. pickup. In order to meet this deadline, we request that all original proposals of this nature be delivered to our office by noon of the deadline date to ensure that we are able to copy and package the proposal in a timely manner.
# AWARDS

The grants and contracts on these pages were awarded from January 2004 through April 2004

<table>
<thead>
<tr>
<th>Academic Affairs</th>
<th>College of Engineering and Computer Science</th>
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<tr>
<td>Hoffman, Christopher</td>
<td>Bourbakis, Nikolaos G.</td>
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<td>2004 Summer Honors Institute for Gifted Students</td>
<td>Secure Knowledge Management IIENGA</td>
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<td>Ohio Department of Education</td>
<td>Wright Brothers Institute, Inc. (The)</td>
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<td>$62,500</td>
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<td>Kennedy, Sandra D.</td>
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<td>Leadership Transformation Series</td>
<td>ITR: i-LEARN: IT’s Enabled,</td>
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<td>Veterans Affairs Medical Center</td>
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<td>$2,460</td>
<td>Arizona State University</td>
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<td>Schisler, Cindy</td>
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<td>Leadership Development Training</td>
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<td>AOT, Inc.</td>
<td>Brandeberry, James E.</td>
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<td>$7,000</td>
<td>Priorities in Graduate Education</td>
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<td>Bernhardt, Gregory R.</td>
<td>$130,480</td>
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<td>Project Manager for Expanding the Pool of Qualified Teachers (EPQT)</td>
<td>Emmert, John</td>
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<td>Ohio Department of Education</td>
<td>Hardware Design of Real Time, Highly Adaptable Control for Intelligent Radio Frequency Front Ends</td>
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<td>$53,540</td>
<td>DoD, Air Force, Air Force Research Laboratory</td>
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<td>Hansell, T. Stevenson</td>
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<td>Reading Recovery Program FY03-04</td>
<td>Gallagher, John C.</td>
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<td>Reading Recovery Council of North America</td>
<td>CAREER: Evolvable Hardware</td>
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<td>$46,921</td>
<td>Neuromorphic Computational Devices for Sensing and Control</td>
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<td>Hansell, T. Stevenson</td>
<td>NSF, Faculty Early Career Development (CAREER)</td>
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<td>Reading Recovery Program FY03-04</td>
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<td>Ohio Department of Education</td>
<td>Golshani, Forouzan</td>
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<td>$5,188</td>
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<td>$182,420</td>
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<td>Grandhi, Ramana V.</td>
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<td>Simulation Based Research and Development Tools and Processes</td>
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<td>University of Dayton</td>
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<td>Multidisciplinary Design Optimization for High Reliability and Robustness</td>
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<td>DoD, Office of Naval Research</td>
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<td>Robust Analysis and Prediction for Integrated Design of Structures (RAPIDS)</td>
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<td>Hangartner, Thomas N.</td>
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<td>Evaluation of a Novel Treatment for Osteoarthritis of the Knee</td>
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<td>Procter &amp; Gamble Company</td>
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<td>$14,674</td>
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</tbody>
</table>

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.
Hangartner, Thomas N.
Postmenopausal Evaluation and Risk Reduction
Pfizer, Inc.
$8,132

Hartrum, Thomas C.
The Extended Development of JBI Publishing for Embedded Assets
DoD, Air Force, Air Force Research Laboratory, Rome
$10,910

Hill, Raymond
Narayanan, Sundaram
Coordination and Control of Cooperative Swarms of Unmanned Aerial Combat Vehicles via a Virtual Testbed Environment
DoD, Air Force Office of Scientific Research (AFOSR)
$138,742

Hill, Raymond
Quantifying the Cost of Spatial Disorientation on Air Force Aerial Operations
General Dynamics (formerly Veridian Engineering)
$50,000

Hong, Lang
Robust Feature-Aided Tracking
MRLets Technologies, Inc.
$80,000

Hong, Lang
Multirate Interacting Multiple Model Fusion
MRLets Technologies, Inc.
$60,000

Menart, James A.
Continued Study of the Effects of Magnetic Fields on the Flow Field in a Mach 5 Wind Tunnel
General Dynamics (formerly Veridian Engineering)
$37,568

Misra, Pradeep
Development and Maintenance of IEEE Control System Society Web Site
Institute of Electrical and Electronics Engineers, Inc. (The)
$18,942

Misra, Pradeep
Holistic Numerical Methods
University of South Florida
$14,653

Mukhopadhyay, Sharmila M.
Processing and Characterization of Thin-Film High-Temperature Superconductors for Power Generation
DoD, Air Force, Air Force Research Laboratory
$0

Narayanan, Sundaram
Kight, Amanda C.
Diverse Data Fusion, Information Theory, and Evaluation Techniques
Anteon Corporation
$30,495

Narayanan, Sundaram
Source Recommendation
LexisNexis
$15,000

Narayanan, Sundaram
Fendley, Mary E.
Model-Based Feedback for Simulator-Based Training in Network-Centric Operations
Sandia National Laboratories
$10,010

Narayanan, Sundaram
Fendley, Ryan D.
Quantitative Assessment of Multi-Year Performance Metrics
LexisNexis
$9,733

Philips, Chandler A.
REU Supplement - Bioengineering Design Projects for Persons with Disabilities
NSF, Research Experiences for Undergraduates
$6,000

Shang, Joseph J.S.
Investigation of Microwave Attenuation in Plasma
DoD, Air Force Office of Scientific Research (AFOSR)
$167,502

Siferd, Raymond E.
Broadband High Resolution Bandpass Delta Sigma Analog to Digital Converter
Systran Federal Corporation
$150,034

Slater, Joseph C.
Quantifying Uncertainty in Structural Response
Anteon Corporation
$40,350

Srinivasan, Raghavan
State of the Art Survey of NDE Methodologies
Anteon Corporation
$27,850

Wolff, J. Mitch
Menart, James A.
Computational Aerothermodynamics
DoD, Air Force, Air Force Research Laboratory
$130,000
Wolff, J. Mitch
Slater, Joseph C.
*Power Extraction from a Gas Turbine Engine in Flight*
P.C. Krause and Associates
$70,000

Wolff, J. Mitch
*Dynamic Test of Pressure Sensors*
National Aeronautics and Space Administration
$15,000

Wolff, J. Mitch
*Gas Turbine Engine Sensor Technologies*
Ohio Aerospace Institute
$5,000

Xue, Kefu
*A Radar Signal Processor to Extract Consistent Scattering Centers of a Man Made Target from SAR Range Profile Data*
MRLets Technologies, Inc.
$59,914

Young, Henry Daniel
*Ceramic Fiber Heterostructures*
Ohio Space Grant Consortium
$10,000

**College of Liberal Arts**

Arose, Lisa H.
*Ohio Learning Work Connection Resource Mapping*
Greene County Department of Job and Family Services
$13,994

Brun, Carl F.
*Child Welfare Workforce Professional Education Program*
Ohio Department of Job and Family Services
$27,091

Brun, Carl F.
*Headstart Training*
Council on Rural Service Programs
$5,888

Dobson, Frank E.
*Student Achievement in Research and Scholarship (STARS)*
Miami University
$9,510

Dockery, Jane L.
*Ohio Tuition Trust Authority (OTTA) Strategic Plan*
Ohio Tuition Trust Authority
$6,440

Dustin, Jack L.
*Urban Projects - Urban Universities Linkage*
Ohio Board of Regents
$48,843

Dustin, Jack L.
*Crosby, Catherine Public and Social Service Transportation Curriculum and Internship Program*
Ohio Department of Transportation
$24,000

Dustin, Jack L.
*Townview Program Coordinator Agreement*
Townview Community Development
$3,300

Green, Barbara L.
*Legacy: Brown vs. the Board of Education*
Ohio Humanities Council
$10,000

Dustin, Jack L.
*Townview Program Coordinator Agreement*
Townview Community Development
$3,300

**College of Science and Mathematics**

Alvarez, Francisco J.
*CAREER - Maturation of Synaptic Properties During Early Postnatal Development*
NSF, Faculty Early Career Development (CAREER)
$94,953

Jones, Thomas Davidson
*Warren County Telephone Surveys*
Lakatos Group
$8,247

Jones, Thomas Davidson
*Abbreviated Health Needs Assessment*
Greater Dayton Area Hospital Association (GDAHA)
$7,560

Subban, Jennifer
*Dustin, Jack L. Building Futures*
U.S. Department of Housing and Urban Development
$150,000

**College of Nursing and Health**

Martin, Patricia A.
*Miami Valley Hospital Operating Agreement*
Miami Valley Hospital
$90,000

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Arasu, Krishnasany T.
*Pseudonoise Sequences with Good Correlation Properties*
DoD, National Security Agency
$35,927

Arlian, Larry G.
*Mite Studies*
Syngenta Crop Protection, Inc.
$123,389

Arlian, Larry G.
*Mite Analysis of Dog Food*
Iams Company, The
$58,436

Arlian, Larry G.
*Mite Analysis*
S.C. Johnson Wax
$16,800

Arlian, Larry G.
*Dust Mite Culture Media*
More Than One Source of Support
$16,500

Arlian, Larry G.
*House Dust Mite Purity Analysis*
More Than One Source of Support
$600

Baird, Scott E.
*Genetics of Haldane's Rule in Caenorhabditis*
NSF, Miscellaneous
$92,002

Basista, Beth A.
Mathews, Susann M.
Tomlin, James H.
Farrell, Ann M.
*West/Central Ohio Center of Excellence in Learning Science and Mathematics (EXCEL Center) Match Account*
Dayton Public Schools
$14,916

Carmichael, Wayne W.
*Characterization of Cyanobacteria Secondary Metabolites*
More Than One Source of Support
$31,933

Carmichael, Wayne W.
*Structures of Antibiotics and Related Compounds*
University of Illinois
$31,854

Feld, William A.
*Single Ionic Conducting Polymer Electrolyte*
University of Dayton
$25,000

Fossum, Eric
*Synthesis and Application of Water Soluble, UV Curable Monomers and Oligomers, Phase II*
Kodak Versamark, Inc. (formerly Scitex Digital Printing)
$22,617

Fossum, Eric
*Custom Synthesis of Intermediates for AFX Chromophores*
AT&T Government Solutions, Inc.
$5,000

Gilkey, Robert H.
*Use of Auditory Displays*
General Dynamics (formerly Veridian Engineering)
$41,570

Grasman, Keith A.
*Assessment of Pollutants and Health Effects in Wild and Captive Birds*
Canadian Wildlife Service
$7,857

Grasman, Keith A.
*Immunological Methods for the Characterization of the Reproductive Toxicity of Depleted Uranium in Rats*
DoD, Air Force, Air Force Research Laboratory
$7,094

Higgins, Steven R.
*Fundamentals of Sulfate Mineral Growth by Scanning Probe Microscopy (SPM): Thermodynamics and Kinetics of Steps and the Influence of Foreign Ionic Species*
Petroleum Research Fund - American Chemical Society
$35,000

Gilpin, Roger K.
*Chemical Analysis of Biological Material*
State of New York
$12,825

Gilpin, Roger K.
*Rukunda, Farai*
*State of Ohio Sludge Program*
More Than One Source of Support
$10,350

Gilpin, Roger K.
*Measurement of Fish Samples for Toxic Pollutants*
State of Alabama
$4,600

Gilpin, Roger K.
*Measurements of Contaminants in Biological Tissue*
State of Texas
$0
Isaacs, Larry D.
Pohlman, Roberta L.
*Center for Health Promotion: Cardiac Rehabilitation*
Miami Valley Hospital
$13,156

Klein, Helen A.
*Rosetta Support*
Ball Aerospace
$61,891

Kozlowski, Gregory
*Electrochemical Deposition of Ni Textured Layer with Nano-size Grains on Metallic Rods*
AT&T Government Solutions, Inc.
$15,000

Look, David C.
*Materials for High Speed Devices*
DoD, Air Force, Air Force Research Laboratory
$185,700

Look, David C.
*Donors, Acceptors, and Traps in AlGaN and AlGaN/GaN Epitaxial Layers*
DoD, Air Force Office of Scientific Research (AFOSR)
$153,024

Look, David C.
*Nanoporous SiC and GaN*
Carnegie Mellon University
$12,889

Look, David C.
*Hall Effect Measurements*
Varian Associates, Inc.
$1,500

Miller, Corey E.
*HR Chally Center for the Study of Salespersonship: Statistical Support*
HR Chally
$18,477

Petkie, Douglas T.
*REU/ASSURE Site in Physics at WSU and WPAFB*
NSF, Research Experiences for Undergraduates
$81,890

Portlock, David E.
Ketcha, Daniel M.
Turnbull, Kenneth
*Professional Science Master's Program Initiative in the Emerging Fields of Combinatorial Chemistry/Chemical Geonomics*
Alfred P. Sloan Foundation
$6,000

Ritzi, Jr., Robert W.
*Ground Water Protection Program 2004*
Cemex
$24,911

Ritzi, Jr., Robert W.
Dominic, David F.
*Collaborative Research: Solute Transport in Multimodal, Heterogeneous Geological Formations Combining Sedimentologic and Engineering Approaches*
NSF, Miscellaneous
$21,167

Shebilske, Wayne L.
*Intelligent Distributed Group and Team Training Systems*
Texas A & M University
$360,401

Slattery, William
Lunsford, Suzanne K.
Ciampaglio, Charles N.
*Partners in Integrated Earth Systems Science (PIES)*
Ohio Board of Regents - Title II
$54,273

Wheatly, Michele G.
Mawasha, P. Ruby
*LSAMP Bridge Program*
Ohio State University
$15,600

**Lake Campus**

Miller, Julie M.
*Higher Skills Partnership Initiative for West Central Ohio Business and Industrial Partnership*
Ohio Department of Education
$7,000

Schumm, Gregory F.
*Targeted Training Grant - A.A.P. St. Mary's Corporation*
Lorain County Community College
$32,000

Schumm, Gregory F.
*Targeted Training Grant - Minster Machine Co.*
Lorain County Community College
$11,995

Schumm, Gregory F.
*Targeted Training Grant - Cooper Farms*
Lorain County Community College
$3,200

**Raj Soin College of Business**

Baumhauer, Carol A.
*Ohio Federal and State Technology (FAST) Partnership*
Ohio Business Connection
$2,500

Baumhauer, Carol A.
*M-SBDC Program Income Account*
More Than One Source of Support
$1,500

Bodey, Michael W.
*Small Business Development Center*
Ohio Department of Development
$304,000
Coleman, Joseph E.
Larsen, James E.
The Impact of Recent Difficulties in the Homeowner's Insurance Industry on the Ohio Residential Real Estate Brokerage Industry
Ohio Department of Commerce
$23,312

Larsen, James E.
Coleman, Joseph
A Comparative Study of the Ohio Real Estate Indemnity Fund with both Elective and Mandatory Errors & Omissions Insurance Systems
Ohio Department of Commerce
$23,862

Sylvester, Roger
Insurance Lesson Plans
Ohio Insurance Institute
$3,025

School of Graduate Studies
Sanville, Thomas J.
OhioLINK
Ohio Board of Regents
$1,757,098

Sanville, Thomas J.
Ohio Commons for Digital Education
Ohio Board of Regents
$330,000

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

Thomas, Jr., Joseph F.
Walsh, Charles
Wright Center of Innovation for Advanced Data Management and Analysis Match Account
Dayton Development Coalition
$180,000

School of Medicine
Alter, Gerald M.
Graduate Research Assistant Stipend - Wey
Harbor-UCLA Research & Education Institute
$7,300

Berberich, Steven J.
MdmX Regulation of the p53 Tumor Suppressor Protein
DHHS, National Cancer Institute (NCI)
$225,225

Bernstein, Jack M.
Trevino, Julian
Findings in Atopic Children with Eczema (FACE) Study
Novartis Pharmaceuticals Corporation
$5,295

Bernstein, Jack M.
Effectiveness of a Novel Treatment for Serious and Life-Threatening Infections
Cubist Pharmaceuticals, Inc.
$5,000

Bernstein, Jack M.
Treatment of Complicated Skin and Skin Structure Infections
Wyeth Research
$3,000

Bernstein, Jack M.
Treatment of Clostridium Associated Diarrhea
Genome Therapeutics Corporation
$1,000

Bonnet, Michael H.
Obstructive Sleep Apnea/Hypopnea Syndrome
Cephalon, Inc.
$15,990

Bonnet, Michael H.
Sleep Disorders and Chronic Shift Work
Cephalon, Inc.
$13,452

Broxson, Jr., Emmett H.
Treatment of Malignant Solid Tumor or Hodgkin's Disease
Ortho Biotech Products, L.P.
$9,250

Cauley, Katherine L.
AHEC Support
Ohio Board of Regents
$99,106

Cauley, Katherine L.
Sinclair Community College Matching Funds: CY2004
Sinclair Community College
$33,169

Christian, Bradley T.
PET Imaging Agents for Nicotine Receptors
University of California
$14,774

Dennis, Patrick B.
Uncovering Functional Domains in hULK1 Important for Autophagy and Tumor Cell Survival
American Cancer Society - Ohio Division
$30,000

Drehmer, Timothy J.
Hangartner, Thomas N.
A Novel Treatment for Rheumatoid Arthritis
Merck & Co., Inc.
$1,545

Gentile, Julie P.
CCOE: Dual Diagnosis MI/MRDD
Ohio Department of Mental Retardation and Developmental Disabilities
$75,000

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Gentile, Julie P.
CCOE: Dual Diagnosis MI/MRDD - ODMH
Ohio Department of Mental Health
$75,000

Gomez-Cambronero, Julian
Molecular Basis of GM-CSF-Induced Neutrophil Chemotaxis
DHHS, National Heart, Lung, and Blood Institute (NHLBI)
$350,050

Gomez-Cambronero, Julian
Synthesis of a Cell-Permeable Phospholipase D Inhibitor
American Heart Association - National
$71,500

Hamilton, Glenn C.
Kent, Michael N.
Personnel Support for the Wallace-Kettering Neuroscience Institute
Kettering Medical Center
$71,261

Hangartner, Thomas N.
Skipper, Julie A.
Evaluation of a Novel Treatment in Patients with Gaucher Disease
Genzyme Corporation
$11,700

Kadakia, Madhavi P.
Cell Signaling and Silk Research
AT&T Government Solutions, Inc.
$25,000

Lacey, Daniel J.
Stolfi, Adrienne
An Evaluation of the Therapeutic Effectiveness of Hyperbaric Oxygen Treatments on Children with Cerebral Palsy
DoD, Army Medical R&D Command
$843,000

Moore, Dennis C.
An Integrative Curriculum to Promote Understanding of Diversity and to Reduce Substance Abuse Use Among Youth with Learning Challenges
Springfield City School District
$40,073

Moore, Dennis C.
SARDI Tobacco Prevention in Treatment
Miami Valley Health Improvement Council Tobacco Coalition
$22,000

Moore, Dennis C.
Deadlink Evaluation and Consultation
Family Services Association
$15,000

Morris, Mariana
Elased, Khalid M.
Role of Angiotensin Receptors in Central Osmosensitivity
DHHS, National Heart, Lung, and Blood Institute (NHLBI)
$41,615

Parmele, Dean X.
Team Learning Support
Baylor College of Medicine
$4,415

Paul, Cassandra C.
Baumann, Michael A.
License Agreement for AML14 and AML14.3D10 Cell Lines
More Than One Source of Support
$250

Schuster, Richard J.
NHLBI Cardiovascular Disease Enhanced Dissemination and Utilization Centers
DHHS, National Heart, Lung, and Blood Institute (NHLBI)
$9,360

Siegal, Harvey A.
Falk, Russel S.
Carlson, Robert G.
Wang, Jichuan
Crack and Health Service Use: A Natural History Approach
DHHS, National Institute on Drug Abuse (NIDA)
$601,672

Siegal, Harvey A.
MCHD CSAT HIV Prevention Project
Montgomery County Combined Health District
$5,240

Sun, Shumei S.
Chumlea, W. Cameron
Siervogel, Roger M.
Pickoff, Arthur S.
Longitudinal Cardiac Outcomes and Body Composition
DHHS, National Heart, Lung, and Blood Institute (NHLBI)
$643,247

Sun, Shumei S.
Trial of Alendronate Disodium in Pediatric Gaucher Disease
Children’s Hospital Medical Center (Cincinnati)
$39,604

School of Professional Psychology

Chang, Jyn-Hann
Sensitivity of Disabilities Workshop for Engineering Students
Christopher and Dana Reeve Paralysis Resource Center
$11,176

Dobbins, James E.
ODMH Multidisciplinary Training Program
Ohio Department of Mental Health
$16,275
**Action Fund Goes Electronic**

The Ohio Board of Regents (OBR) offers the Action Fund program to encourage the submission of proposals of significant magnitude to external sponsors by offering a source of matching funds for applications that include capital equipment or facilities. Like many other sponsors, the OBR has recently replaced its system of paper submissions with a new electronic application system for receipt of Action Fund proposals.

This good news, however, as the new electronic procedure has simplified the application process and now requires that Action Fund proposals be submitted no later than 10 working days before the sponsoring agency’s published deadline for receipt of proposals.

For those unfamiliar with the Action Fund or in need of a refresher, OBR provides matching fund support for externally sponsored, required-match, peer-reviewed grant applications of at least $250,000 that include a capital budget of $120,000. The minimum Action Fund request is $60,000 and that amount must be matched dollar-for-dollar with institutional funds.

The revised Action Fund policies may be found at the following website: [http://www.regents.state.oh.us/rsch/Action%20Fund%20Revised%20Policies.pdf](http://www.regents.state.oh.us/rsch/Action%20Fund%20Revised%20Policies.pdf)

Any faculty considering responding to a Request for Proposal that includes a matching fund requirement that might be satisfied by application to the Action Fund is encouraged to contact Research and Sponsored Programs well in advance of the proposal deadline. The new Action Fund electronic submission system requires password entry that is maintained by RSP.