

# Grants and Sponsored Programs Flyer



2011

Proposals Submitted + Grants Awarded

*The **Grants and Sponsored Programs Flyer** is published by the Office of Research and Sponsored Programs (ORSP) to keep you up to date on recent grant activity. An electronic copy can be found on the ORSP website at*

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*Visit the ORSP staff in the Institute for Molecular Biology and Medicine (IMBM) Rooms 202, 203 and 207. Please call Eloise Libassi at 941-6301 or e-mail*

*[Eloise.libassie@scranton.edu](mailto:Eloise.libassie@scranton.edu) or*

*[Jamesina.hayes@scranton.edu](mailto:Jamesina.hayes@scranton.edu) with questions or comments about this publication.*

## EXTERNAL PROPOSALS SUBMITTED

**Mary Jane DiMattio**, Nursing, *Compromised Surveillance: How Long Are Baccalaureate Nurses Staying in Hospitals*, American Nurses Foundation, \$8,969.00.

**Mary Jane DiMattio and Catherine Lovecchio**, Nursing, *Project TRIumph: A Liaison Nurse Model (LNM) for Leadership to Optimize Faculty Expertise and Prepare New Faculty*, Robert Wood Johnson Foundation, \$297,340.00.

**Paul Fahey**, Physics/EE, *High Bandwidth, High Energy Storage, Exawatt Laser Glass Development*, U.S. Air Force, \$192,706.00.

**Timothy Foley**, Chemistry, *Howard Hughes Medical Institute Undergraduate Science Education-Colleges 2012*, Howard Hughes Medical Institute, \$1,596,025.00.

**\*Lisa Hall**, Small Business Development Center, *SBDC—Women's Business Center*, Pennstar Bank, \$5,000.00.

**\*Lisa Hall**, Small Business Development Center, *SBDC —16th Annual Awards for Women Entrepreneurs*, Fidelity Deposit & Discount Bank, \$5,000.00.

**Joseph Hammond**, Accounting, *Low Income Taxpayer Clinic (LITC)*, Internal Revenue Service, \$25,001.00.

**Joseph Hammond**, Accounting, *2012 VITA Grant Program*, U.S. Internal Revenue Service.

**Herbert Hauser**, Psychology, *Developing Executive Algorithms for Monitoring Health-Related Behaviors of the Elderly*, Ball State University/National Institutes of Health, \$24,700.00.

**\*Andrea Mantione**, Leahy Clinic, *The Edward R. Leahy, Jr. Center Clinic for the Uninsured*, Sanolfi Pasteur, \$100,000.00.

**\*Andrea Mantione**, Leahy Clinic, *The University of Success*, William G. McGowan Charitable Fund, \$25,000.00.

**\*Andrea Mantione**, Leahy Clinic, *The Edward R. Leahy, Jr. Center Clinic for the Uninsured*, Range Resources Corporation, \$50,000.00.

**\*Andrea Mantione**, Leahy Clinic, *The Edward R. Leahy, Jr. Center Clinic for the Uninsured*, Margaret Briggs Foundation, \$15,000.00.

**\*Andrea Mantione**, Leahy Clinic, *The Edward R. Leahy, Jr. Center for the Uninsured*, Cabot Oil and Gas Corporation, \$50,000.00.

**\*Andrea Mantione**, Leahy Clinic, *Leahy Family Center's Peacemaker After School Program*, Scranton Area Foundation, \$5,000.00.

**\*Submitted by Meg Hambrose, Director, Corporate and Foundation Relations**

**Andrea Mantione**, Leahy Clinic, *Leahy Clinic*, PA Department of Public Welfare, \$30,000.00.

**\*Andrea Mantione**, Leahy Clinic, *The University of Scranton's University of Success*, Comcast Foundation, \$60,000.00.

**Sharon Meagher**, Philosophy, *The Public Philosophy Network: Supporting Virtual Collaborations for Public Humanities Research*, National Endowment for the Humanities, \$49,668.00.

**Sharon Meagher and Yamile Silva**, Philosophy, *Fulbright Scholar in Residence 2012-2013*, Fulbright.

**Sharon Meagher**, Philosophy, *The Public Philosophy Network: Supporting Virtual Collaborations for Public Humanities Research*, National Endowment for the Humanities, \$49,641.00.

**Darlene Miller-Lanning**, Hope Horn Gallery, *The Lackawanna Iron Furnaces*, Lackawanna County, \$3,000.00.

**Darlene Miller-Lanning**, Hope Horn Gallery, *PPA Program Stream Grant Award 2011-2012*, PA Council on the Arts.

**Maria Oreshkina**, Education, *Narratives on Educational Opportunities of People with Dis/Abilities in Post-Soviet Russia*, Spencer Foundation, \$35,050.00.

**Ann Pang-White**, Philosophy, *East Meets West in Chinese Opera in Northeastern Pennsylvania*, PA Humanities Council, \$3,000.00.

**David Rusak**, Chemistry and **Herbert Hauser**, Psychology, *Anomalous Behavior Detection in the Independent-Living Elderly Using Sensor Arrays*, National Institutes of Health, \$343,795.00.

**Jeremy Sepinsky**, Physics/EE, *A Detailed Refinement of the Orbital Evolution of Eccentric Interacting Binary Star Systems*, National Science Foundation, \$190,170.00.

**Robert Smith**, Biology and **Jennifer Owen** (Michigan State), *Habitat Use by Spring Migrating Landbirds Within the Great Lakes Basin with Special Emphasis on Shoreline Habitats*, U.S. Fish and Wildlife Service, \$91,429.00.

**Robert Smith**, Biology, *Migrant Bird Use of the Saginaw Bay Area in Relation to Aquatic Insect Prevalence on the Lake Huron Shoreline*, Michigan State University, \$27,100.00.

**Robert Smith**, Biology, *Do Non-native Plant Invasions Disrupt Terrestrial Food Webs? A Test Using Insectivorous Migrating Birds in Exurban Landscapes*. University of Delaware-NSF, \$113,859.00.

**Robert Smith**, Biology, *Statewide Monitoring and Assessment of the Impacts of Environmental Stressors on Migrating Bird Distributions Using Weather Surveillance Radar*, Pennsylvania Department of Conservation and Natural Resources. \$30,495.00

**\*Submitted by Meg Hambrose, Director, Corporate and Foundation Relations**

**Robert Smith**, Biology and **Jennifer Owen** (Michigan State), *Health and Fitness Consequences of Using Non-Native Dominated Habitats During Migratory Stopover*, Michigan State, \$14,798.00.

**Patricia Vaccaro**, Community Outreach, *SMART Mentoring (Students Mentoring At Risk Teens)*, Lackawanna County, \$19,146.00.

**\*Patricia Vaccaro**, Community Outreach, *SMART Mentoring (Students Mentoring At Risk Teens)*, Scranton Area Foundation, \$15,000.00.

**Joe Vinson**, Chemistry, *Colon Cancer Prevention and Treatment Through Fluctuations in Wind Signaling*, The Commonwealth Medical College/National Institutes of Health, \$30,235.00.

**Daniel West**, Health Administration and Human Resources and **Gunjan Bansal** (Masters Health Administration Student), *Leadership Enhancement Through Active Dialogue, Education and Research*, Proctor & Gamble Management Education, \$9,950.00.

**Daniel West**, Health Administration and Human Resources, *International Healthcare Management Education Initiative—Phase II*, CAHME, \$40,000.00.

**Daniel West**, Health Administration and Human Resources, *2011 Edmund S. Muskie Graduate Fellowship Program*, IREX (U.S. Department of State), \$10,745.00.

**Margaret Zalon**, Nursing, *Comparative Effectiveness of Delirium Prevention and Abatement Interventions*, National Institutes of Health, \$2,598,103.00.

## EXTERNAL GRANTS AWARDED

**Mary Jane Hanson**, Nursing, *Advanced Education Nursing Grants*, DHHS, \$108,260.00.

**Daniel West**, Health Administration and Human Resources, *International Healthcare Management Education Initiative — Phase II*, CAHME, \$40,000.00.

**Mary Jane Hanson**, Nursing, *Advanced Education Nursing Traineeships*, HRSA, \$19,549.00.

**Caroline Raskiewicz**, Nursing, *Nurse Anesthetist Traineeships*, HRSA, \$21,693.00.

**Darlene Miller-Lanning**, Hope Horn Gallery, *PPA Program Stream Grant Award 2011-2012*, PA Council on the Arts, \$1,509.00.

**Paul Fahey**, Physics/EE, *Model Glass Annealing and Glass Forming*, Schott North America, Inc. — U.S. Department of Defense, \$40,693.00.

**Andrea Mantione**, Leahy Clinic, *Leahy Clinic*, PA Department of Public Welfare, \$52,700.00.

**Patrick Leahy**, University Relations, *RAC-P*, Commonwealth of Pennsylvania, \$1,000,000.00.

**Janice Voltzow**, Biology, *Advancing the Careers of Women in STEM at Predominantly Undergraduate Institutions through Professional Networks*, Gonzaga University-NSF, \$15,740.00.

**\*Submitted by Meg Hambrose, Director, Corporate and Foundation Relations**

## SPRING INTERNAL RESEARCH FUNDING AWARDS

**Christopher Baumann**, Chemistry, *Two-photon Fluorescence of Matrix-Isolated Biacetyl*, \$1,857.00.

**Marzia Caporale**, World Languages & Culture, *Re-writing the Female Body in Contemporary Franco-Arab, North-African Cinema*, \$800.00.

**Carol Coté**, Occupational Therapy, *Eye-Tracking Measures of Developmental and Ability Differences in Tests of Visual Memory and Visual Discrimination*, \$940.00.

**Paul Datti and Elizabeth Jacob**, Counseling & Human Services, *An Employment/Career Group Program for Adults Living with HIV/AIDS in Northeastern Pennsylvania*, \$3,000.00.

**Shuhua Fan**, History, *Recreating Chinese Culture: The Harvard-Yenching Institute & the Christian Colleges in China, 1945-1949*, \$2,000.00.

**Bradley Gregory**, Theology, *A Commentary on Sirach 1-23*, \$1,874.00.

**Mary Jane Hanson**, Nursing, *Factors Associated with Cigarette Smoking in Millennial Generation Adolescents*, \$1,656.00.

**Gary Kwiecinski**, Biology, *Migration and Population of the Jamaican Fruit Bat, *Artibeus Jamaicensis*, Among the Caribbean Islands*, \$2,000.00.

**Sehba Mahmood**, Education, *First Grade Teachers' Views on Students' Readiness in Urban Schools*, \$1,770.00.

**Sharon Meagher and George Aulisio**, Philosophy, *The Public Philosophy Networking: Investigating Digital Models for Collaborative Research*, \$3,000.00.

**Marc Allan Seid**, Biology, *Brain Scaling in Insects: Consequences of Brain Miniaturization*, \$2,000.00.

**Yamile Silva**, World Languages & Cultures, *Between the Devil and the Inquisition: Witchcraft Trials in Cartagena de Indias*, \$2,000.00.

**Kimberly Subasic**, Nursing, *Living with Hypertrophic Cardiomyopathy*, \$2,000.00.

**Janice Voltzow**, Biology, *Endoscopic Observations of a Gastropod Mantle Cavity*, \$2,000.00.

**Gloria Tansits Wenze and Vanessa Silla**, Education, *Promoting Sustainability Education Through Science Activities: A University/Community Partnership Continues...*, \$3,000.00.

**Hank Willenbrink**, English & Theatre, *The Vision of Hell: Hell Houses, Conversion, and Theatrical Techniques*, \$2,000.00.

**Margarete Zalon**, Nursing, *Factors Influencing Intensive Care Nurses' Ability to Recognize and Respond to Intimate Partner Violence*, \$1,165.00.

# FALL INTERNAL RESEARCH FUNDING AWARDS

**Barbara Buxton and Patricia Wright**, Nursing, *Grieving the Loss of an Adult Child in Older Age*, \$3,000.00.

**Pornthip Chalungsooth**, Counseling & Human Services, *Re-entry Challenges for Study Abroad Students After Overseas Learning Experience*, \$2,000.00.

**Paul Cutrufello, Ron Deitrick, Andrew Stuka and Joan Grossman**, The Effect of Citrulline Malate and Watermelon Juice on Anaerobic and Aerobic Exercise Performance, \$3,000.00.

**Timothy Foley**, Chemistry, *Disulfide Bonds: Bridging Protein Structure, Destabilization, and Aggregation*, \$2,000.00.

**George Gomez**, Biology, *Investigating the Mechanisms of Odor Imprinting in the Chick Olfactory System: Odor-Elicited Neural Differentiation in Olfactory Receptor Neurons*, \$2,000.00.

**Aukje Lamonica**, Exercise Science, *Nonmedical Use of Prescription Drugs Among College Students*, \$837.39.

**Masood Otarod**, Mathematics, *In Situ FTIR Spectroscopy and Multiple Isotope Transient Tracing of the Mechanisms of Dimethyl Ether Formation from Syngas on Alumina Supported Palladium Catalysts*, \$2,000.00.

**Ann Pang-White**, Philosophy, *Family and Women in Chinese Philosophy and Culture in Contemporary Taiwan*, \$2,000.00.

**Jeremy Sepinsky**, Physics/EE, *The Orbital Evolution of Mass Transferring Eccentric Binary Star Systems: Long Term Analysis*, \$2,000.00.

**Ling Xue**, Operations & Information Management, *Examining the Complementarity Between Behavioral Targeting and Contextual Targeting in Online Advertising*, \$2,000.00.

**Margarete Zalon**, Nursing and **Herbert Hauser**, Psychology, *Development of an Eye-Tracking Pill-Dispensing Console for Delirium Detection*, \$3,000.00.

## PRESIDENT'S FELLOWSHIP FOR SUMMER RESEARCH AWARDS

**Bernadetta Bernatowicz**, *Cellular Mechanisms of Odor Imprinting in Birds*, **George Gomez**, Biology, faculty mentor.

**Megan Chan**, *A Real-Time Polymerase Chain Assay for Burkholderia Cenocepacia*, **Michael Sulzinski**, Biology, faculty mentor.

**Mark Grambo**, *Greenwashing, Ethics and U.S. Ecotourism*, **Susan Trussler**, Economics/Finance, faculty mentor.

**Karen Hudzinski**, *Social Influence and Fleeting Attraction: Generating Compliance through Conversational Pausing*, **Jessica Nolan**, Psychology, faculty mentor.

**Rachel Knuth**, *Determining the Presence of Laminin as a Growth Promoting Molecule in Goldfish Spinal Cord Regeneration*, **Robert Waldeck**, Biology, faculty mentor.

**Juan McNamara**, *Japanese Ladders*, **Steven Dougherty**, Mathematics, faculty mentor.

**Ashley Michini**, *Literacy, Empowerment, and the Reduction of Gender-Based Violence: A Case Study in Puebla, Mexico*, **Sharon Meagher**, Philosophy, faculty mentor.

**Ryan Pipan**, *The Archer-Shee Boy: Historical and Shakespearean Antecedents of Terence Rattigan's The Winslow Boy and his Descendents in Films by David Mamet and Kenneth Branagh*, **Stephen Whittaker**, English, faculty mentor.

**Edward Stredny**, *Chemical Modification and Destabilization of Triosephosphate Isomerase: A Possible Trigger of Neurodegenerative Disease*, **Timothy Foley**, Chemistry, faculty mentor.

**Office of Research and Sponsored Programs**

*Dr. Tabbi L. Miller-Scandle, Director*

*570-941-5824*

*Ms. Eloise T. Libassi, Sponsored Programs Coordinator*

*570-941-6301*

*Ms. Therese A. Kurilla, Grants Manager*

*570-941-6362*

*Ms. Jamie Hayes, Office Assistant*

*570-941-6353*

**Corporate and Foundation Relations**

*Ms. Meg Hambrose, Director*

*570-941-4262*

