



Proposals Submitted & Awarded

FY 2016-2017

The *Grants Flyer* is published by the Office of Research and Sponsored Programs (ORSP) to keep you up to date on recent grant activity. The *Grants Flyer* includes:

- * External Proposals Submitted
- * External Proposals Awarded
- * Internal Research Funding Awards
- * President's Fellowship for Summer Research Awards
- * Research as High Impact Practice (rHIP) Awards

The Office of Research and Sponsored Programs

IMBM 201

Telephone: (570) 941-6353

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EXTERNAL PROPOSALS SUBMITTED

***Stephanie Adamec, MA**, Center for Health Education and Wellness, *Employee Wellness Program*, Moses Taylor Foundation, \$1,200.

***Stephanie Adamec, MA**, and **Catherine Mascelli, MSW**, Center for Health Education and Wellness, *University of Scranton Smoking Cessation Program*, CVS Health, \$14,000.

Danielle Arigo, Ph.D., Psychology, *A Digital, Social Approach to Promoting Physical Activity among Midlife Women*, National Institutes of Health, \$346,197.

Danielle Arigo, Ph.D., Psychology, *A Within-Person Approach to Modeling and Promoting Physical Activity among Women*, National Institutes of Health, \$744,096.

Danielle Arigo, Ph.D., Psychology, *Identifying and Targeting Unique Physical Activity Determinants for Midlife Women*, National Institutes of Health, \$756,236.

Danielle Arigo, Ph.D., Psychology, **Jessica Bachman, Ph.D.**, Exercise Science & Sport, and **Margarete Zalon, Ph.D.**, Nursing, *Understanding Wearable Technology Needs and Barriers among Rural Midlife Women*, International Life Sciences Institute, \$50,000.

Jessica Bachman, Ph.D., Exercise Science & Sport, **Ann Feeney, Ph.D.**, Nursing, and **Danielle Arigo, Ph.D.**, Psychology, *Evaluation of SmartPlate as a tool for self-monitoring dietary intake and dietary intake assessment in postpartum women*, Research Dietetic Practice Group from the Academy of Nutrition and Dietetics, \$5,000.

Jessica Bachman, Ph.D., Exercise Science & Sport, **Danielle Arigo, Ph.D.**, Psychology, and **Andrew Venezia, Ph.D.**, Exercise Science & Sport, *The use of new technologies to improve self-monitoring of dietary intake and physical activity in low-income postpartum women during a behavioral weight loss intervention*, International Life Sciences Institute, \$50,000.

Rebecca Beal, Ph.D., English & Theater, *NEA BIG READ: Gilead*, National Endowment for the Arts, \$20,000.

Patrick Clark, Ph.D., Theology, *The Hero and the Saint: A Theological Differentiation between Two Common Conceptions of the Morally Exceptional*, Templeton Religion Trust, \$93,000.

***Julie Cohen, BA**, Community & Government Relations, *Global Tastes of Scranton Project*, Scranton Area Foundation, \$2,000.

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

Julie Cohen, BA, Community & Government Relations, **Donald Bergmann, MA**, University Police, and **Stephanie Adamec, MA**, Center for Health Education and Wellness, *Underage and High Risk Drinking Reduction Project – PLCB*, Pennsylvania Liquor Control Board, \$40,000.

***Michael Fennie, Ph.D.**, Chemistry, *Henry Dreyfus Teacher Scholar Awards Program*, Camille & Henry Dreyfus Foundation, \$60,000.

Tim Foley, Ph.D., Chemistry, *Protein Disulfides: Not So Radical Brides Between Aging-Related Oxidative Insults and Neurodegeneration*, National Institutes of Health, \$306,485.

Leonard Gougeon, Ph.D., English & Theater, *Cultural Conflict: New England, Old England, and the Civil War*, National Endowment for the Humanities, \$6,000.

Bernard Gilligan, DNP, Nursing, *The University of Scranton Nurse Anesthetist Traineeship Program (NAT)*, Health Resources & Services Administration, \$18,353.

***Rebecca Haggerty, MA**, CAS Dean's Office, and **William Burke, MBA**, Financial Aid, *The Donald B. & Dorothy L. Stabler Scholarship Program*, Stabler Foundation, \$1,000,000.

Michael Jenkins, Ph.D., and **Ismail Onat, Ph.D.**, Sociology, Criminal Justice & Criminology, *Comprehensive Opioid Abuse Site-Based Program: System Level Diversion and Alternatives to Incarceration*, US Department of Justice, \$161,453.

Michael Jenkins, Ph.D., and **Ismail Onat, Ph.D.**, Sociology, Criminal Justice & Criminology, *Scranton Police Department Alternatives to Arresting Addicts*, US Department of Justice, \$161,453.

Justine Johnson, MA, Cross Cultural Center, and **Jennifer LaPorta, JD**, Equity & Diversity, *It's On Us*, PA Department of Education, \$16,000.

Michael Landram, Ph.D., Exercise Science & Sport, and **Joe Vinson, Ph.D.**, Chemistry, *Glycemic Response of Normal Human Subjects to Several Different Types of Pretzels*, Unique Pretzels, \$6,364.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, Aetna, \$75,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, AllOne Foundation, \$75,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, CVS Health Foundation, \$35,000.

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

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, Geisinger Foundation, \$25,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, Gladys Brooks Foundation, \$50,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, Highmark, \$10,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, Northeastern PA Health Care Foundation, \$35,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, PPL Foundation, \$50,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic Diabetes Management Program*, Sun Life Financial, \$25,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, Willary Foundation, \$30,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic – Expanded Services*, Willary Foundation, \$31,800.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, AT&T, \$10,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, MetLife Foundation, \$15,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, The Charles A. Frueauff Foundation, \$15,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, UGI Utilities, \$15,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, Wells Fargo, \$25,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, Wells Fargo, \$25,000.

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

Darlene Miller-Lanning, Ph.D., Hope Horn Gallery, *Hope Horn Gallery*, PA Council on the Arts, \$2,009.

Declan Mulhall, Ph.D., Physics/EE, *Enhanced Diode Laser Spectroscopy apparatus*, Jonathan R. Reichert Foundation, \$7,586.

***Mark Murphy, BSEE**, Facilities-Operations, *UofS Community Garden*, PPL, \$10,800.

***Sondra Myers, BA**, Senior Fellow, *University for a Day – Fall 2017*, Scranton Area Foundation, \$2,500.

Jessica Nolan, Ph.D., and **Jill Warker, Ph.D.**, Psychology, *RecycleMania Impact Research Project Proposal*, Keep America Beautiful, \$14,972.

Jessica Nolan, Ph.D., **Danielle Arigo, Ph.D.**, **Timothy Cannon, Ph.D.**, **Barry Kuhle, Ph.D.**, **John Norcross, Ph.D.**, and **Patrick Orr, Ph.D.**, Psychology, *2017 APA Summer Undergraduate Research Opportunity Grant Application*, American Psychological Association, \$17,280.

Ann Pang-White, Ph.D., Asian Studies, and **Susan Trussler, Ph.D.**, Economics/Finance, *Chinese Mandarin Program K-16 Collaboration (UofS Asian Studies Program and Howard Gardner Multiple Intelligence Charter School)*, Taiwan Ministry of Education, \$16,230.

Ann Pang-White, Ph.D., Asian Studies, *Confucian Four Books for Women*, Chiang Ching-kuo Foundation for International Scholarly Exchange, \$35,000.

Ann Pang-White, Ph.D., Asian Studies, *Confucian Four Books for Women*, National Endowment for the Humanities, \$6,000.

***Debra Pellegrino, Ed.D.**, Panuska College of Professional Studies, *Leahy community Health & Family Ctr Specialty Clinics-Support*, Moses Taylor Foundation, \$74,060.

Catherine Richmond-Cullen, Ed.D., Education, *The Effects of an Artists in Residence Program on Loneliness in Senior Citizens*, Pennsylvania Council on the Arts, \$5,000.

Marc Seid, Ph.D., Biology, Adam Smith, Ph.D. (George Washington University), and Sarah Kocher, Ph.D. (Princeton University), *IOS: Collaborative Research: Social brains and solitary bees: A phylogenetic test of the effect of social behavior on brain evolution across multiple gains and losses of sociality*, National Science Foundation, \$452,631.

***Catherine Seymour, MA**, Campus Ministries, *Global Student Seminar: Human Trafficking*, Association of Catholic Colleges and Universities (ACCU), \$3,000.

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

***Donna Simpson, MBA**, SBDC, *Start Up! Project*, Scranton Area Foundation, \$2,000.

Nicholas Sizemore, Ph.D., Chemistry, *Computational Investigations of Intermolecular Diels-Alder Reactions of α -Amino Acrylates*, Pennsylvania Academy of Science, \$499.

***Edward Steinmetz, MBA**, Treasurer's Office, *S. Side Athletics Campus*, Moses Taylor Foundation, \$500,000.

Katherine Stumpo, Ph.D., Chemistry, *Structure elucidation of plant pollen N-linked glycans using Mass Spectrometry*, Society for Analytical Chemists of Pittsburg, \$40,000.

Michael Sulzinski, Ph.D., Biology, *American Society for Microbiology*, American Society for Microbiology, \$5,000.

Terrence Sweeney, Ph.D., Biology, *Extreme Physiology, NEPA Edition*, The North Face Explore Fund, \$24,800.

Patricia Vaccaro, MS, Center for Service & Social Justice, *Mentoring Young Minds*, Lackawanna County Workforce Development Board Grant (TANF), \$11,390.

***Patricia Vaccaro, MS**, Center for Service & Social Justice, *SMART Mentoring Program*, The Margaret Briggs Foundation, \$15,000.

***Argyrios Varonides, Ph.D.**, and **Robert Spalletta, Ph.D.**, Physics/EE, *Aspects of Quantum Tunneling in Graphene Nanostructures, Through New Modeling and Nano-lithographic Techniques*, The Charles E. Kaufman Foundation, \$300,000.

Joseph Vinson, Ph.D., Chemistry, *Polyphenol Metabolism from Grape Powder Given Acutely & Chronically and Cell Studies with the Metabolites to Determine the Mechanism of Grape Powder's Health Effects*, California Table Grape Commission, \$30,000.

Janice Voltzow, Ph.D., Biology, **Declan Mulhall, Ph.D.**, Physics/EE, **Stacey Muir, Ph.D.**, Mathematics, **Christie Karpiak, Ph.D.**, Psychology, and **Brian Conniff, Ph.D.**, CAS Dean's Office, *Royals Scholars: Transforming STEM in Northeastern Pennsylvania*, National Science Foundation, \$645,814.

Margarete Zalon, Ph.D., **Marian Farrell, Ph.D.**, and **Kimberly Subasic, Ph.D.**, Nursing, *Integrating Interprofessional Practice into Comprehensive Community-Based Behavioral Health Care*, National Center for Interprofessional Practice and Education, \$50,000.

***Bob Zelno**, University Advancement, *Veteran's Center*, Lockheed Martin, \$2,500.

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

***Deborah Zielinski, MS**, Nursing, and **Debra Pellegrino, Ed.D.**, Panuska College of Professional Studies, *Nursing Simulation Laboratory*, Scranton Area Foundation, \$25,000.

* **Deborah Zielinski, MS**, Nursing, *Nursing Simulation Laboratory Equipment*, Sanofi Pasteur, \$66,000.

Total Amount Over: \$6,769,708

EXTERNAL PROPOSALS AWARDED

***Stephanie Adamec, MA, and Catherine Mascelli, MSW**, Center for Health Education and Wellness, *University of Scranton Smoking Cessation Program*, CVS Health, \$15,000.

Danielle Arigo, Ph.D., Psychology, *Identifying and Targeting Unique Physical Activity Determinants for Midlife Women*, National Institutes of Health, \$792,492

Patrick Clark, Ph.D., Theology, *The Hero and the Saint: A Theological Differentiation between Two Common Conceptions of the Morally Exceptional*, Templeton Religion Trust, \$93,000.

***Julie Cohen, BA**, Community & Government Relations, *Global Tastes Project*, Scranton Area Foundation, \$1,000.

Julie Cohen, BA, Community & Government Relations, **Donald Bergmann, MA**, Public Safety, and **Stephanie Adamec, MA**, Center for Health Education and Wellness, *Underage and High Risk Drinking Reduction Project – PLCB*, Pennsylvania Liquor Control Board, \$40,000.

Bernard Gilligan, DNP, Nursing, *The University of Scranton Nurse Anesthetist Traineeship Program (NAT)*, Health Resources & Services Administration, \$18,353.

Justine Johnson, MA, Cross Cultural Center, and **Jennifer LaPorta, JD**, Equity & Diversity, *It's On Us*, PA Department of Education, \$16,000.

Michael Landram, Ph.D., Exercise Science & Sport, and **Joe Vinson, Ph.D.**, Chemistry, *Glycemic Response of Normal Human Subjects to Several Different Types of Pretzels*, Unique Pretzels, \$6,364.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, AllOne Foundation, \$75,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, Geisinger Foundation, \$25,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, Highmark, \$7,500.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *Leahy Clinic*, Northeastern PA Health Care Foundation, \$20,000.

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

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, AT&T, \$10,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, The Charles A. Frueauff Foundation, \$15,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, Wells Fargo, \$25,000.

***Andrea Mantione, DNP**, Leahy Health/Family Center, *University of Success*, Wells Fargo, \$15,000.

Darlene Miller-Lanning, Ph.D., Hope Horn Gallery, *Hope Horn Gallery*, PA Council on the Arts, \$2,009.

***Sondra Myers, BA**, Senior Fellow, *University for a Day – Fall 2017*, Scranton Area Foundation, \$1,000.

Catherine Richmond-Cullen, Ed.D., Education, *The Effects of an Artists in Residence Program on Loneliness in Senior Citizens*, Pennsylvania Council on the Arts, \$5,000.

***Donna Simpson, MBA**, SBDC, *Start Up! Project*, Scranton Area Foundation, \$2,000.

Patricia Vaccaro, MS, Center for Service & Social Justice, *Mentoring Young Minds*, Lackawanna County Workforce Development Board Grant (TANF), \$11,390.

***Patricia Vaccaro, MS**, Center for Service & Social Justice, *SMART Mentoring Program*, The Margaret Briggs Foundation, \$11,000.

Janice Voltzow, Ph.D., Biology, **Declan Mulhall, Ph.D.**, Physics/EE, **Stacey Muir, Ph.D.**, Mathematics, **Christie Karpiak, Ph.D.**, Psychology, and **Brian Conniff, Ph.D.**, CAS Dean, *Royal Scholars: Transforming STEM in Northeastern Pennsylvania*, \$645,814

***Bob Zelno**, University Advancement, *Veteran's Center*, Lockheed Martin, \$2,500.

*** Deborah Zielinski, MS**, Nursing, *Nursing Simulation Laboratory Equipment*, Sanofi Pasteur, \$66,000.

Total Amount: \$1,921,422

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

FALL 2016 INTERNAL RESEARCH FUNDING AWARDS

Jessica Bachman, Ph.D., Exercise Science & Sport, **Danielle Arigo, Ph.D.**, Psychology, and **Ann Feeney, Ph.D.**, Nursing, *Evaluation of Smart Plate as a tool for self-monitoring dietary intake and dietary intake assessment in postpartum women*, \$3,000.

Jinghan Cai, Ph.D., Economics and Finance, *Break Trades*, \$2,000.

Timothy Foley, Ph.D., Chemistry, *Protein disulfides: Not so radical links between psychophysiological stress and brain disease*, \$2,000.

George Gomez, Ph.D., Biology, *Cellular mechanisms mediating odor imprinting in cultured chick olfactory neurons*, \$2,000.

Sharon Hudacek, Ed.D., **Mary Jane DiMattio, Ph.D.**, and **Catherine Lovecchio, Ph.D.**, Nursing , *Nursing Student Perceptions of the Clinical Learning Environment: Further psychometric assessment of the Clinical Learning Environment Inventory (CLEI)*, \$3,000.

Michael Jenkins, Ph.D., Sociology/Criminal Justice/Criminology, *Police Use of Force in Resolving Public Order Offenses*, \$1,832.41.

Michael Knies, MLS, Library, *Modern Periodical and Newspaper printing in the Unites States and the United Kingdom*, \$1,823.96.

Julie Ann Nastasi, Sc.D., Occupational Therapy, *Lighting: Actual and Preferred Lighting Levels in Workplace Environments*, \$1,495

Marc Shapiro, Ph.D., Theology/Religious Studies, *Rabbinic letters: Private Correspondence as a Window into Public Policy*, \$2,000.

Total Amount: \$19,151.37

SPRING 2017 INTERNAL RESEARCH FUNDING AWARDS

LeeAnn Eschbach, Ph.D. and **Rebecca Spirito Dalgin, Ph.D.**, Counseling & Human Services, A *Qualitative Exploration of the impact of Mental Health Treatment Court: Perspectives from Recent Graduates*, \$2,973.41.

Gary Kwiecinski, Ph.D., Biology, *Surveys for bats of the Skeleton Coast and Namib Desert, Southwest Africa, as bioindicators of water source utilization*, \$2,000.

Masood Otarod, Ph.D., Mathematics, *Low Reynolds number isotope transient tracing of methanation reaction in an isothermal differential tubular catalytic reactor on a palladium catalyst*, \$2,000.

Marc Seid, Ph.D., Biology, *Neurochemistry of the Social brain*, \$2,000.

Yamile Silva Ph.D., World Languages & Cultures, *The Other Letters: Women's Voices in Newsletters and Women's Magazines in Spain (1700-1890)*, \$1,600.

Jamie Trnka, Ph.D., World Languages & Cultures, *Germany, Europe, and Refugee Integration*, \$2,000.

Andrew Venezia, Ph.D. and **Paul Cutrufello, Ph.D.**, Exercise Science & Sports, *Acute Exercise, Cardiorespiratory Fitness, and Memory Performance*, \$3,000.

Hank Willenbrink, Ph.D., English & Theatre, *Independent and International: Catalan Salas Alternatives and International Theatre*, \$1,610.50.

Janice Voltzow, Ph.D., Biology, *Effects of temperature and pH on bleaching in a sea anemone: A pilot study*, \$2,000.

Total Amount: \$19,183.91

PRESIDENT'S FELLOWSHIP FOR SUMMER RESEARCH AWARDS 2017

Matthew Barrett, *Effect of Octopamine in Socially-Isolated Camponotus floridanus Workers: Behavioral and Chemical Analysis on Worker Re-introduction*, \$4,500.
Faculty Mentor: **Marc Seid, Ph.D.**, Biology

Sabrina DiBisceglie, *Examining the Influence of Social Media Encounters on Physical Activity Among College Women*, \$4,500.
Faculty Mentor: **Danielle Arigo, Ph.D.**, Psychology

Alexander Haber, *The Effects of Oxidative Stress on the Subcellular Localization of Amyloid Precursor Protein*, \$4,500.
Faculty Mentor: **George Gomez, Ph.D.**, Biology

Kathleen Healey, *Cognitive Effects of Neonicitoids on Pheidole dentata*, \$4,500.
Faculty Mentor: **Marc Seid, Ph.D.**, Biology

Amanda Jacobs, *A Novel Silver Containing Hydrogel Wound Dressing*, \$4,500.
Faculty Mentor: **David Marx, Ph.D.**, Chemistry

Kara Romanowski, *The Effects of Atorvastatin Calcium and Exendin-4 on steatotic HepG2 Cells*, \$4,500.
Faculty Mentor: **George Gomez, Ph.D.**, Biology

Robert Staubach, *Carbon-Boron Bond Formation via Photoredox Catalysis*, \$4,500.
Faculty Mentor: **Arthur Catino, Ph.D.**, Chemistry

Total Amount: \$31,500

RESEARCH AS HIGH IMPACT PRACTICE (rHIP) AWARDS 2017

Tate Ackerman, *A Post-White-nose Syndrome Population Study of Hibernating Bats in Lackawanna County*, \$500

Faculty Mentor: **Gary Kwiecinski, Ph.D.**, Biology

Marah Alian, *Effectiveness of startle response post optic nerve crushing in goldfish*, \$231

Faculty Mentor: **Robert Waldeck, Ph.D.**, Biology

Kimberly Barr, *Effects of nanomaolar concentrations of retinoic acid on morphology and migrations of SK-N-SH neuroblastoma cells*, \$692

Faculty Mentor: **George Gomez, Ph.D.**, Biology

Joseph Delmar, *Solution of Nonlinear Schrodinger Equations Using Finite Element Methods with Higher-order B-Splines*, \$500

Faculty Mentor: **Juan Serna, Ph.D.**, Physics/EE

Ronak Desai, *Polyphenol Metabolites: Are they biologically active inside cells against inflammation or do they have to deconjugate?*, \$475

Faculty Mentor: **Joe Vinson, Ph.D.**, Chemistry

Marissa Galardi, *Polyornithine may promote neurite outgrowth and differentiation in the embryonic chick brain*, \$581

Faculty Mentor: **George Gomez, Ph.D.**, Biology

Cecilia Horchos, *Involvement of cAMP signaling in caffeine pathway of crayfish, *Procambarus clarkii**, \$454

Faculty Mentor: **Robert Waldeck, Ph.D.**, Biology

Megan Lipps, *Understanding the Expression Patterns of Noncoding RNAs in Glioblastoma*, \$500

Faculty Mentor: **Brian Adams, Ph.D.**, Biology

Shannon Loftus, *The Hepatocyte Response to Interleukin 6*, \$736

Faculty Mentor: **George Gomez, Ph.D.**, Biology

Christina Mecca, *Behavioral and physiological contributions of taurine in male and female *Procambarus clarkii**, \$490

Faculty Mentor: **Robert Waldeck, Ph.D.**, Biology

Camille Mikolas, *Modular CW-NMR Apparatus for the Advanced Lab*, \$539

Faculty Mentor: **Declan Mulhall, Ph.D.**, Physics/EE

Laura Romanovich, *Effects of Scute Stresses of Temperature and pH on an Algal-Sea Anemone Symbiosis*, \$500

Faculty Mentor: **Janice Voltzow, Ph.D.**, Biology

Kara Romanowski, *The effects of atorvastatin calcium and exendin-4 on steatotic HepG2 cells*, \$576

Faculty Mentor: **George Gomez, Ph.D.**, Biology

Brittany Thomas, *Retinal Regeneration in Larval Zebrafish after Cadmium-Induced Deformities of the Eye*, \$483

Faculty Mentor: **Robert Waldeck, Ph.D.**, Biology

Total Amount: \$6,766

Office of Research and Sponsored Programs

Dr. Tabbi Miller-Scandle, *Director*, 570-941-6353

Ms. Therese 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

