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, 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.


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.


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, *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.


*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, Confucian Four Books for Women, National Endowment for the Humanities, $6,000.


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 a-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.


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.


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

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


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


*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.


*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

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

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

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