Proposals Submitted & Awarded

FY 2015-2016

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
Fax: (570) 941-6229
EXTERNAL PROPOSALS SUBMITTED

*Stephanie Adamec, MA, Center for Health Education and Wellness, University of Scranton Tobacco Education & Smoking Cessation Program, CVS Health, $22,000.

Danielle Arigo, Ph.D., Psychology, A Digital, Social Approach to Promoting Physical Activity among Midlife Women, National Institutes of Health, $348,644.

Danielle Arigo, Ph.D., Psychology, and Meghan Butryan, Ph.D. (Drexel University) Improving Weight Loss Outcomes by Engaging Existing Social Networks in Lifestyle Modification, National Institutes of Health, $59,193.

*Benjamin Bishop, Ph.D., Computing Sciences, University of Scranton Women in STEM, Motorola Solutions Foundation, $50,000.

*Bill Burke, MBA, Financial Aid, The Donald B. & Dorothy L. Stabler Scholarship Program, The Stabler Foundation, $1,000,000.

*Bill Burke, MBA, Financial Aid, Arrupe current use scholarship, Peoples Security Charitable Foundation, $30,000.

Arthur Catino, Ph.D., Chemistry, Development of Borylenoid Reactions for Alkene Functionalization, American Chemical Society, $55,000.

*Julie Cohen, BA, Community & Government Relations, Global Tastes Project, Lackawanna Heritage Valley, $1,125.

Bernard Gilligan, D.N.P., Nursing, The University of Scranton Nurse Anesthetist Traineeships Program, Health Resources & Services Administration, $17,827.

Joan Grossman, Ph.D., Exercise Science/Sport, and Danielle Arigo, Ph.D., Psychology, The Use of Wearable Technology and High Intensity Interval Exercise to Increase Weight Loss among Post-Menopausal Women Participating, Obesity Society, $50,000.

Joe Hammond, CPA, Accounting, VITA 2016, Internal Revenue Service, $17,468.

Mary Jane Hanson, Ph.D., Nursing, Advanced Education Nursing Traineeships (AENT), Health Resources and Services Administration (HRSA), $348,500.

*Submitted by Meg Hambrose, Director, Corporate and Foundation Relations
*Justine Johnson, MA, Women’s Center, Avon grant to support violence prevention programming in JKWC, Avon Foundation, $9,961.

*Andrea Mantione, MSN, Leahy Health/Family Center, The Edward R. Leahy Jr. Center Clinic for the Uninsured, Geisinger Health System, $25,000.

*Andrea Mantione, MSN, Leahy Health/Family Center, Leahy Clinic, Moses Taylor Foundation, $75,000.

*Andrea Mantione, MSN, Leahy Health/Family Center, 2015 CVS Coordinated Care Grant, CVS Health Foundation, $35,000.

*Andrea Mantione, MSN, Leahy Health/Family Center, Leahy Clinic medications and supplies, Highmark Foundation, $28,000.

*Andrea Mantione, MSN, Leahy Health/Family Center, Leahy Clinic, Scranton Area Foundation, $25,000.

*Andrea Mantione, MSN, Leahy Health/Family Center, Leahy Clinic Chronic Disease Management & Wellness, AllOne Foundation, $30,000.

*Andrea Mantione, MSN, Leahy Health/Family Center, University of Success, Frueauff Foundation, $15,000.

*Andrea Mantione, MSN, Leahy Health/Family Center, The Leahy Clinic, The Robert Y. Moffat Family Charitable Trust, $20,000.

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

Darlene Miller-Lanning, Ph.D., Hope Horn Gallery, PPA Program Stream – Hope Horn Gallery, PA Council on the Arts, $2,217.

Darlene Miller-Lanning, Ph.D., Hope Horn Gallery, Andersonville and Florence Prisons: The Ezra Hoyt Ripple Memoir, Lackawanna County Arts and Culture, $3,000.

*Mark Murphy, BSEE, Facilities-Operations, Air Handler Condensate Recovery Project, American Water, $10,000.

*Submitted by Meg Hambrose, Director, Corporate and Foundation Relations
*Mark Murphy, BSEE, Facilities-Operations, University of Scranton Landscaping Signage & Plant Identification Project, North Face Explore Fund, $10,000.

*Mark Murphy, BSEE, Facilities-Operations, University of Scranton Signage Project, KEEN, Inc., $10,000.

*Sondra Myers, BA, Senior Fellow, The Schemel Forum at the University of Scranton, Scranton Area Foundation, $2,500.

Jessica Nolan, Ph.D., Psychology, 2016 APA Summer Undergraduate Research Opportunity Grants, American Psychological Association, $10,780.

Ann Pang-White, Ph.D., Asian Studies, Spotlight Taiwan Project in Scranton, Taiwan Ministry of Culture, $48,600.


*Debra Pellegrino, Ed.D., Panuska College of Professional Studies, Leahy Hall - Pediatric Rehabilitation Suite, PPL, $25,000.

Charles Pinches, Ph.D., Theology, A Book on Vocation, Louisville Institute, $40,000.

Marc Seid, Ph.D., Biology, and Adam Smith, Ph.D. (George Washington University), Brain amines as a neural mechanism coordinating the emergence of eusocial behavior, National Science Foundation.

Marc Seid, Ph.D., Biology, and Adam Smith, Ph.D. (George Washington University), 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.

Yamile Silva, Ph.D., World Languages and Cultures, and Patricia Ferrer, Ph.D. (Marist College), Ypori’s of the Maranon River, A Bilingual Edition, National Endowment for the Humanities, $77,929.

Katherine Stumpo, Ph.D., Timothy Foley, Ph.D., Chemistry, Marc Seid, Ph.D., Biology, and Joseph Vinson, Ph.D., Chemistry, MRI: Acquisition of Thermo Velos Pro Mass Spectrometer, National Science Foundation, $415,534.

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


Joseph Vinson, Ph.D., Chemistry, and Deanne Garver, Ph.D. (Marywood University), *Identification and Determination of Polyphenols Metabolites from Table Grapes in Animals and Man*, California Table Grape Commission, $30,000.


*Deborah Zielinski, MS*, Nursing, *Nursing Sim Lab Equipment*, Margaret Briggs Foundation, $30,000.

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

**Total Amount Over: $3,728,549**
EXTERNAL PROPOSALS AWARDED

*Stephanie Adamec, MA, Center for Health Education and Wellness, *University of Scranton Tobacco Education & Smoking Cessation Program*, CVS Health, $15,000.

*Julie Cohen, BA, Community and Government Relations, *Global Tastes Project*, Lackawanna Heritage Valley, $1,000.

Bernard Gilligan, D.N.P, Nursing, *The University of Scranton Nurse Anesthetist Traineeships Program (NAT)*, Health Resources and Services Administration, $17,827.

Joe Hammond, CPA, Accounting, *VITA 2016*, Internal Revenue Service, $14,554.

Mary Jane Hanson, Ph.D., Nursing, *Advanced Education Nursing Traineeships (AENT)*, Health Resources and Services Administration (HRSA), $348,500.

*Andrea Mantione, MSN, Leahy Health/Family Center, *The Edward R. Leahy Jr. Center Clinic for the Uninsured*, Geisinger Health System, $10,000.

*Andrea Mantione, MSN, Leahy Health/Family Center, 2015 CVS Coordinated Care Grant*, CVS Health Foundation, $35,000.

*Andrea Mantione, MSN, Leahy Health/Family Center, Leahy Clinic Medications and Supplies*, Highmark Foundation, $7,500.

*Andrea Mantione, MSN, Leahy Health/Family Center, University of Success*, Frueauff Foundation, $15,000.

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


*Sondra Myers, BA, Senior Fellow, The Schemel Forum at the University of Scranton*, Scranton Area Foundation, $1,500.


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

*Chris Whitney, MS, Career Services, Internship Training Program, Prudential Foundation, $5,000.

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

Total Amount: $608,998
FALL 2015 INTERNAL RESEARCH FUNDING AWARDS

Carol Cote, Ph.D., Occupational Therapy, Visual, haptic and cross-modal exploration strategies in children with and without learning disabilities, $1,295.

Paul Cutrufello, Ph.D. and Michael Landram, Ph.D., Exercise Science & Sport, The Effect of Exercise-Induced Fluid Loss on Percent Body Fat Using Multiple Methods: Skinfolds, Bioelectrical Impedance, Air Displacement Plethysmography, Ultrasound, and Dual X-Ray Absorptiometry, $1,800.

Roy Domenico, Ph.D., History, Italy at War 1935-1948, $700.

Ann Feeney, Ph.D., Nursing, “Consider The Kids”: The Effectiveness Of A Fetal Effects Education Video On Pregnant Women’s Knowledge, Self-Efficacy And Motivation Related To Tobacco Use, $2,000.

Timothy Foley, Ph.D., Chemistry, Lipotoxicity: A Biochemical Rationale for Dietary Approaches to Cancer, $2,000.

George Gomez, Ph.D., Biology, Identifying the cellular signaling pathway involved with retinoic acid-induced differentiation in neuroblastoma cells, $2,000.

Joan Grossman, Ph.D., Exercise Science & Sport, and Danielle Arigo, Ph.D., Psychology, The Use of Wearable Technology and High Intensity Interval Exercise Regarding Anthropometric and Body Composition Changes Among Post-Menopausal Women, $3,000.

Katherine Stumpo, Ph.D., Chemistry, Characterization of Plant Pollen Protein N-Glycans using Mass Spectrometry, $1,784.

Hank Willenbrink, Ph.D., English & Theatre, Catalan Publics, Catalan Theatricality: Salas Alternativas and Contemporary Barcelona, $2,000.

Total Amount: $16,579
SPRING 2016 INTERNAL RESEARCH FUNDING AWARDS

Kathleen Dwyer, Ph.D., Biology, Generation of Plant CRISPR Constructs for Selected Arabidopsis Thaliana RLK/SCRL Genes and Their Functional Analysis in Transgenic Plants, $1,981.


Ozgur Isil, Ph.D., Operations and Information Management, Carbon Disclosure Project Emission Database, $2,000.

Gary Kwiecinski, Ph.D., Biology, Bats as Bioindicators of water sources and climate change effects in sub-Saharan Africa, $2,000.

Ann Pang-White, Ph.D., Philosophy, Confucian Four Books for Women, $2,000.

Susan Poulson, Ph.D., History, The Final Battle: The Nineteenth Amendment Ratification in Delaware, West Virginia, and Tennessee, $2,000.

Meghan Rich, Ph.D., Sociology/Criminal Justice/Criminology, Neighborhood Revitalization and Interethoracial Interaction in Scranton, $2,000.

Marc Seid, Ph.D., Biology, Pharmacology manipulation of queen determination in the bee Megalopta genalis, $2,000.

Matthew Socha, Ph.D., Biology, Effects of Exposure to High Levels of Glucose on Endothelial Function and Calcium Signaling, $2,000.

Jamie Trnka, Ph.D., World Languages and Cultures, Documentary Literature and Migrant Advocacy in Europe, $2,000.

Janice Voltzow, Ph.D., Biology, Get off my back! The relationship between an intertidal snail and its epibionts, $2,000.

Margarete Zalon, Ph.D., Nursing, Natural Language Processing for Detection of Negative Trends Towards Delirium, $2,000.

Total Amount: $23,981
PRESIDENT’S FELLOWSHIP FOR
SUMMER RESEARCH AWARDS 2016

Erika Beyrent, The Effects of Oxidative Stress on Tau Phosphorylation, $4,500.
Faculty Mentor: George Gomez, Ph.D., Biology

Alexandra Brennan, Natural Task Prioritization Tendencies and Their Effects on Gait During Task Walking, $4,500.
Faculty Mentor: Scott Brellof, Ph.D., Exercise Science and Sport

Michael Pottieger, Nicotine Addiction Treatment in Camponotus Floridanus, $4,500.
Faculty Mentor: Marc Seid, Ph.D., Biology

Kyle Rodgers, Developing Biochemical Rationale for the Anticancer Mechanisms of Dietary Strategies, $4,500.
Faculty Mentor: Timothy Foley, Ph.D., Chemistry

Faculty Mentor: Daniel Haggerty, Ph.D., Philosophy

Sophie West, Patterns of External Supply Chain Emission Disclosures: Do They Follow Integration Patterns?, $4,500.
Faculty Mentor: Ozgur Isil, Ph.D., Operations and Information Management

Faculty Mentor: Patrick Orr, Ph.D., Psychology

Total Amount: $31,500
Christian Anderson, *Detecting Sub-Atomic Particles with a Diffusion Cloud Chamber*, $591
Faculty Mentor: Declan Mulhall, Ph.D., Physics/EE

Matthew Anzelmi, *Precise Determination of Panck’s Constant Using a Custom-Made Watt Balance*, $499
Faculty Mentor: Juan Serna, Ph.D., Physics/EE

Erika Beyrent, *The differential effects of oxidative stress on tau phosphorylation in cerebral and tectal tissue*, $522
Faculty Mentor: George Gomez, Ph.D., Biology

Emily Calderone, Josef Kampfe, Stefanie McGowan, Jacqueline Nugent, Jacquelinne Vindici, *A qualitative study on the experience of college students regarding nicotine-tobacco product use*, $471
Faculty Mentor: Ann Feeney, Ph.D., Nursing

Joshua David, *TamStat Software Development*, $500
Faculty Mentor: Stephen Mansour, Ph.D., Operations & Info Management

Alexander Haber, *Oxidative stress and amyloid precursor processing in HTB-11 neuroblastoma cells*, $665
Faculty Mentor: George Gomez, Ph.D., Biology

Gabrielle Hammel, *The effect of GLP-1 receptor agonist exendin-4 on steatosis in cultured HepG2 human hepatoma cells*, $577
Faculty Mentor: George Gomez, Ph.D., Biology

Anne Kennedy, *Determining the effects of adenylyl cyclase inhibitors on olfactory neuronal differentiation*, $570
Faculty Mentor: George Gomez, Ph.D., Biology

Natalie Krupka, *Emission and Absorption Spectrum Analysis of Rocket Fuel*, $617
Faculty Mentor: Nicholas Truncale, MS., Physics/EE
**Haleigh McBride**, *The Effects of Oxidative Stress on Cytochemical Properties of Cultured Endothelial Cells Derived from the Chick Chorioallantoic Membrane*, $614
Faculty Mentor: **George Gomez, Ph.D.**, Biology

**Matthew Reynolds**, *Computational characterization of cilium beat patterns during ciliary regrowth*, $350
Faculty Mentor: **George Gomez, Ph.D.**, Biology

**Josh Zadoyko**, *Muon and gamma detector construction and calibration*, $790
Faculty Mentor: **Declan Mulhall, Ph.D.**, Physics/EE

**Total Amount**: $6,766
Office of Research and Sponsored Programs

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