

PRG TRACK 1 RANKING REPORT

PI Name	Project Title	Named Personnel	Funding Amount
Manuel Salinas, Ph.D.	AI-Integrated 3D Soft Robotic Heart Simulator	College of Dental Medicine - Toshihisa Kawai, Ph.D NSU Health - Dana Holger, Pharm.D., MPH	\$10,000.00
Lisa Robison, Ph.D.	Repurposing incretin mimetic drugs for the treatment of cerebral amyloid angiopathy	Kiran C. Patel College of Osteopathic Medicine - Mayur Parmar, Ph.D. Barry & Judy Silverman College of Pharmacy - Robert Speth, Ph.D.	\$15,000.00
Akshay Naraine, Ph.D., M.S.	Using nanomedicine to improve drug delivery and yield novel therapeutics for Parkinson's disease	N/A	\$15,000.00
Galaxina Wright, Ph.D., LMHC, NCC	National Data Analysis of Foster Parents to Inform Suitable and Stable Placement of Foster Youth	Huizenga College of Business and Entrepreneurship - Florence Neymotin, Ph.D; William Hawks, Ed.D.	\$15,000.00
Mohammad Sabbir, Ph.D.	Targeting a Novel Antisense lncRNA Regulating Muscarinic Type 1 Receptor: An Approach to Augment the Reduced Protein Level in Alzheimer's Disease	College of Psychology - Mohammad Sabbir, Ph.D.; Kiran C. Patel College of Allopathic Medicine - Regina Graham, Ph.D.	\$15,000.00
Jaime Tartar, Ph.D.	Revitalizing Minds and Bodies: An Assessment of the Transformative Effects of a 3-Day Outdoor Adventure Therapy Program on Veterans and First Responders	College of Psychology - Jonathan Banks, Ph.D.; Arie Greenleaf, Ph.D.	\$15,000.00
Zila Martinez Lozada, Ph.D.	Endothelia-dependent regulation of the expression of xCT (Slc7a11) in astrocytes in the homeostatic brain and glioblastoma.	Barry & Judy Silverman College of Pharmacy - Appu Rathinavelu, Ph.D.	\$15,000.00
Elda Kanzki-Veloso, Ph.D.	Empowering Physicians: Development of a New Self-Assessment for Measuring Stressors, HPD-PHRing Mechanisms, and Burnout in High-Stress Medical Settings	Abraham S. Fischler College of Education - Jennifer Reeves, Ph.D.; James Pann, Ph.D.; Steven Hecht, Ph.D, Kiran C. Patel College of Osteopathic Medicine Farzanna Haffizulla, M.D., FACP, FAMWA College of Psychology - Carly Paro-Tompkins, Ed.D.; Shannon Karl, Ph.D., LMHC, NCC, CCMHC, ACS	\$15,000.00

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Andrew Ozga, Ph.D.	Elasmobranchii oral microbiome diversity within Southeast Florida: Implications of shark zoonotic and antibiotic resistant pathogens associated with human attack events	N/A	\$15,000.00
Amy Hirons, Ph.D.	Tracking a Changing Arctic through Heavy Metal Partitioning: An Innovative Use of Bowhead Whales	Halmos - Dimitri Giarikos, Ph.D.; Radleigh Santos, Ph.D.	\$15,000.00
Jose Lopez, Ph.D.	Functional Analysis of Potential Microcystin-Degrading Bacteria Across Bloom Conditions within Lake Okeechobee, FL	N/A	\$13,860.00
Vladimir Beljanski, Ph.D.	Spliceosomal modulation-mediated alteration of melanoma-derived exosomes	Barry & Judy Silverman College of Pharmacy - Dmitriy Minond, Ph.D.	\$15,000.00
Mohammadali Shoja, M.D.	Craniocervical Nerve Plexus: A Microdissection Study	N/A	\$15,000.00
Regina Graham, Ph.D.	Designing a Potent STAT3 Inhibitor Through Molecular Docking, SAR Analysis, and Molecular/Biochemical Assay Validation	Halmos - Arthur Sikora, Ph.D.	\$15,000.00
Lohitha Kalluri, Ph.D.	Influence of 3D Printing Systems and Post-Processing Methods on Surface Properties, Mechanical Integrity, and Microbial Adhesion in Denture Bases	College of Dental Medicine - Ivan Sanchez, Ph.D.; Gabriel Flores Abuna, Ph.D.	\$15,000.00
Vanessa D'Amario, Ph.D.	Evaluation and Design of Large Language Models for Pediatric Type 1 Diabetes Consultation	N/A	\$15,000.00
Lubov Nathanson, Ph.D.	Effect of GWI on telomeres attrition in immune cells subtype	Kiran C. Patel College of Allopathic Medicine - Vladimir Beljanski, Ph.D.	\$15,000.00
Jyotsna Chawla, Ph.D.	Development and Implementation of a Mosquito-Borne Virus Surveillance Program for West Nile and Dengue	Kiran C. Patel College of Osteopathic Medicine - Anna Potter, Ph.D.	\$15,000.00
Imaan Benmerzouga, Ph.D.	In vitro tests of Toxoplasma gondii's effect on neuronal development and function	N/A	\$15,000.00

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Kempuraj Duraisamy, Ph.D.	Neuroinflammation and Blood-Brain Barrier on-a-Chip for Alzheimer's Disease	Kiran C. Patel College of Osteopathic Medicine - Theoharis Theoharides, M.S., M.Phil., Ph.D., M.D., Ph.D.; FAAAAI; Naushira Pandya, M.D., C.M.D.; Baskaran Chinnappan, Ph.D.	\$15,000.00
Dmitriy Minond, Ph.D.	Spatial transcriptomics of mouse melanoma tumors treated with spliceosomal modulators	Kiran C. Patel College of Allopathic Medicine - Vladimir Beljanski, Ph.D.	\$15,000.00
Young Kwon, Ph.D	TERN: A Targetable Endosome-Rupturing Niosomes for cytosolic drug delivery	Barry & Judy Silverman College of Pharmacy - Young Kwon, Ph.D.	\$15,000.00
Kayla Chomko, PT, DPT, NCS	The Impact of Transcutaneous Electrical Stimulation on Facial Pain, Jaw Mobility, Mastication, and Oral Health in Individuals with Motor Neuron Disease	NSU Health - Lauren Tabor Grey, PhD, CCC-SLPU; Eduardo Locatelli, M.D., M.P.H.	\$14,872.00