

PRG RANKING REPORT - TRACK 1

PI Name	PI College	Project Title	Named Personnel	Amount
Eben Gering	HALMOS	Linking Coastal Ecosystems and Human Health: Toxoplasma gondii as a Sentinel Zoonosis in South Florida	D. Kerstetter, A. Ozga (HALMOS); R. Speth (PHARM); I. Benmerzouga (OST);	\$15,000
Manuel Salinas	HALMOS	Antimicrobial-Resistance–Enriched Oral Bacteria Program Early Atherosclerotic Plaque Vulnerability Under Disturbed Flow	Lohitha Kalluri, Ivan Sanchez (DEN); Dana Holger (PHARM)	\$14,000
Robert Smith	CAM	Investigating nucleotide synthesis as the determinant of the inoculum effect in Staphylococcus aureus.	N/A	\$15,000
Lubov Nathanson	OST	Effect of GWI on DNA methylation patterns and epigenetic aging in immune cells subtypes	Vladimir Beljanski (CAM)	\$15,000
Kempuraj Duraisamy	OST	Neurovascular Inflammation and Mast Cells in the Brains of Patients with Alzheimer’s Disease	Haris Theoharides, Baskaran Chinnappan, Claudia Pena (OST)	\$15,000
Regina Graham	CAM	Pilot Discovery of AICAR as a Novel DNA Intercalation Enhancer to Amplify Anthracycline Therapy in Glioblastoma	Arthur Sikora, Carlos Gonzalez (HALMOS)	\$15,000
Satoru Shindo	DEN	Marine Sponge Biomaterials for Prevention of Odontoclast-Driven External Root Resorption	Lohitha Kalluri (DEN), Dmitriy Minond (PHARM),	\$15,000
Geeta Ravindran	CAM	Human iPSC-based Microfluidic MEA platform to Investigate Neuron–Muscle Interactions and NMJ Dysfunction in ALS	Eduardo Locatelli, Renee Potens (CAM)	\$15,000
Wensi Tao	CAM	Investigation of the protective role of DAB2 in Oxidative Stress Responses of Corneal Endothelial Cells	Robert Speth (PHARM)	\$15,000
Timothy Swain	HALMOS	Breaking barriers to taxon discovery and description in cnidarian order Zoanthidea	N/A	\$14,999
Mary Holschbach	PSY	Effects of peripartum and perinatal stress on neural and behavioral outcomes in mothers and offspring	Zila Martinez-Lozada, Lisa Robison (PSY)	\$15,000
Yiyang Chen	PSY	Unraveling the signal detection theory problem in clinical behavioral applications	Jonathan Banks (PSY)	\$15,000
James McKenna	PSY	Exercise-Based Restoration of Sleep Networks Following TBI	Zila Martinez-Lozada (PSY)	\$15,000
Alexandra Perez Rivera	PHARM	Medical Marijuana, Opioids, and Healthcare Costs: Emergency Visits, Hospitalizations, and Total Cost of Care in Florida Medicaid Adults with Type 2 Diabetes	Patrick Sullivan, Ioana Popovici, Jun Wu (PHARM)	\$14,994
Jaleh Barar	PHARM	Deciphering Cellular Transport Mechanisms into Effective Ocular Therapeutics	Yadollah Omid (PHARM), Rais Ansari (PHARM),	\$14,900
Kaye Rubio	OST	From Burnout to Balance: Implementing a Theory-Driven Resiliency Program in OT Doctoral Education	N/A	\$14,988
Dimitrios Giarikos	HALMOS	Toxic Traces: Uncovering Sediment Risks in South Florida’s Canal Network	Amy Hiron, Radleigh Santos (HALMOS)	\$15,000
Ivan Sanchez Blanco	DEN	Predictive computational modeling of melt electrowriting for dental-relevant microfibrinous scaffold fabrication	Lohitha Kalluri (DEN), Manuel Salinas (HALMOS),	\$15,000
Christopher Blonar	HALMOS	Community Survey of Larval Digenean Parasites in Marine Snails of South Florida	David Kerstetter (HALMOS)	\$14,955

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Brian Walker	HALMOS	Mapping & establishing baseline conditions of the Largest Known Patches of Yellow Finger Coral, <i>Madracis auretenra</i> in the Kristin Jacob's Coral Reef Aquatic Preserve...	N/A	\$15,000
Nisha Vijayakumar	OST	Early-Life Exposure to Chemical Mixtures and Neurodevelopment in Preschool-Aged Children	Jean Zhang (NSU), Gabriella Reik (NSU),	\$15,000
Susana Caballero	HALMOS	Everglades classroom: a citizen science initiative to investigate vertebrate community composition & change using an environmental DNA (eDNA) approach	Carmen Rodriguez (HALMOS), Jeffrey Hoch (HALMOS),	\$15,000
Imelda Moise	CAM	Transdisciplinary Ocean-Health Literacy and Leadership Program for NSU Students and High Learners	Jyotsna Chawla (OST); Arkene Levy; Vijay Rajput (CAM); Eric Hull, Keith Rizzardi (LAW), Mahmood Shivji (HALMOS)	\$15,000
Beatrix Aukszi	HALMOS	Anti-cancer activity-driven isolation of marine natural products from octocorals <i>Eunicea flexuosa</i> and <i>Muricea muricata</i>	Dmitriy Minond (PHARM), Jose Lopez (HALMOS)	\$14,985
David Kerstetter	HALMOS	Establishing NSU Infrastructure for Tagging Coastal Seabirds	N/A	\$14,000