

# PHARMACUM

DECEMBER 2020

## School of Pharmacy Achievements

### FUNDED RESEARCH PROJECTS

**Name:** Dr. Jorge Duconge: Mentor/  
Supervisor  
**Agency:** NIMHD Research Supplement to  
Promote Diversity in Health-Related  
Research  
**Amount:** \$190,000  
**Title:** Post-doctoral position at Dr. Duconge's  
lab (Dr. Ednalise Santiago)  
**Duration:** 2 years (2019-2021)

**Name:** Dr. Eduardo Caro  
**Agency:** RCMi Seed Monies Program  
**Amount:** Total \$30,000 for 3 years  
**Title:** Marine Drug Discovery: Natural  
Products developed into therapeutic  
leads  
**Duration:** 2019-2022

**Name:** Dr. Eduardo Caro  
**Agency:** Seed Money Sea Grant  
**Amount:** Total \$5,000 for 1 year  
**Title:** Marine Drug Discovery: Natural  
Products developed into therapeutic  
leads  
**Duration:** 2019

**Name:** Dr. José Colón  
**Agency:** NIH COBRE  
**Amount:** Total \$152,087 + \$62,448 (indirect) =  
\$214,535  
**Title:** Role of Microglial A7NACHR in Diet  
induced Brain Inflammation.  
**Duration:** 2019-2020

**Name:** Dr. Darlene Santiago  
**Agency:** Fellow of Leading Emerging and Diverse  
Scientists to Success (LEADS) Program  
at University of Pittsburgh  
**Title:** Travel and Research funds  
**Duration:** 2019

**Name:** Dr. Darlene Santiago  
**Agency:** Phase II of the Post Doctoral Master  
Program  
**Amount:** \$30,000  
**Title:** Research funds  
**Duration:** 2019 - 2020

**Name:** Dr. Torsten Stelzer: PI subaward  
**Role:** Interdisciplinary Research Group leader  
(IRG2)  
**Agency:** NSF DMR-1827894  
**Amount:** \$390,335  
**Title:** Wisconsin – Puerto Rico Partnership for  
Research and Education in Materials  
**Duration:** 2018-2024

**Name:** Dr. Sunita Dahiya  
**Agency:** RCMi Seed Monies Program  
**Amount:** Total \$30,000 for 3 years  
**Title:** Cyclodextrin Inclusion Complexation for  
Enhanced Bioavailability of Poorly Water  
Soluble Drugs.  
**Duration:** 2018-2021

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**Name:** Dr. Jorge Duconge: PI  
**Agency:** Grant# 2U54 MD00760031 funded by NIMHD-NIH, Research Centers in Minority Institutions (RCMI); R01-type sub-project #5318.  
**Amount:** \$426,543 in Year-2  
**Title:** Adopting a Precision Medicine Paradigm in Puerto Rico: leveraging ancestral diversity to identify predictors of clopidogrel response in Caribbean Hispanics.  
**Duration:** 5-years: 2017-2022

**Name:** Dr. Eliud Hernández: PI  
**Agency:** NIH MBRS SCORE SC2  
**Amount:** \$100,000 per year  
**Title:** Drug discovery of N-WASP inhibitors in metastatic breast cancer cell lines  
**Duration:** 3 years (2017-2020)

**Name:** Dr. Magaly Martínez-Ferrer: PI  
**Agency:** Seed Money UPR Comprehensive Cancer Center  
**Amount:** \$20,000 per year  
**Duration:** 2016-2019

**Name:** Dr. Torsten Stelzer: PI  
**Agency:** NASA EPSCoR  
**Amount:** \$1,125,000  
**Title:** Personalized Medication System for Deep Space Missions  
**Duration:** 2019-2022

**Name:** Dr. Cornelis Vlaar: PI  
**Agency:** MBRS-SCORE SC3 NIGMS NIH  
**Amount:** \$75,000.00 per year for 4 years  
**Title:** Design and development on novel inhibitors of Vav-Rac interaction  
**Duration:** 03/2016-01/2020