



Science and Technology RFP Awardees in 2015

1. Novel inhibitors of the malarial GST protein – from bench to a marketable drug. PI: Adelfa Serrano. University of Puerto Rico-School of Medicine (Biotechnology and Life Sciences).
2. NEWPUNCH Biopsy Device. PI: José Méndez. Tailwind Medical Devices (Medical Devices).
3. OBA: An Innovative, Online Learning Solution for the 21st Century. PI: Lianabel Oliver. Pathways PR Inc. dba OBA (Information & Communications)
4. A Scientifically Justified Interface and Sample Reduction System for Powders. PI: Rodolfo Romanach. University of Puerto Rico, Mayagüez (Biotechnology and Life Sciences).
5. Photosensitized generation of nitric oxide. PI: Antonio Alegría. Academia- University of Puerto Rico, Humacao (Biotechnology and Life Sciences).
6. Hybrid Mechanical/Electronic Steerable Antenna Array for Beyond Line of Sight Communications for UAS Applications. PI: Rafael Medina. University of Puerto Rico, Mayagüez (Aerospace).
7. Development of Advanced Unmanned Aerial Vehicle With Vertical Takeoff or Landing Capabilities for Commercial Civil Markets. PI: Juan Cruz. ComQuest Ventures LLC (Aerospace)
8. Development of a Biosensor Microchip for the Detection of Microorganisms and Cancer Cells at the Point-of-Care. PI: Carlos Cabrera. University of Puerto Rico, Río Piedras (Biotechnology and Life Sciences).
9. Inertial sensors development for Space Weather and Planetary Research. PI: Jonathan Friedman. Universidad Metropolitana (Aerospace)
10. Novel Ionic Polymer Nanocomposite Membranes for Advanced Water Purification. PI: David Suleiman. Academia: University of Puerto Rico, Mayagüez (Biotechnology and Life Sciences).
11. Endocytic Regulation of the Adhesion G protein- coupled receptors (GPCRs), BAI1 and EMR2, during Pediatric Retinoblastoma (Rb) Optic Nerve Invasion. PI: Jacqueline Flores. University of Puerto Rico – Medical Sciences Campus (Biotechnology and Life Sciences)
12. Development of EHop-016 as an anti metastatic cancer therapeutic. PI: Dharmawardhane Suranganie. University of Puerto Rico Medical Sciences Campus. (Biotechnology and Life Sciences)