

Office of Research & Sponsored Programs



Receipt of Funding Notice: May - August 2017

Please join the Office of Research and Sponsored Programs in extending golden ram congratulations to:

Charles O. Ochie, Ph.D.

**Chair, Department Criminal Justice
College of Arts and Humanities**

For receiving **supplemental** funding in the amount of **\$1,500** from **Walmart** for the *Albany State University Summer Transportation Institute (STI)* summer program. The overall goal of this project is to contribute to the development of a diverse, well-qualified workforce for transportation industry by encouraging high school students to pursue transportation careers.

Angelyn Lincey

**Director, Early Learning Center
College of Education**

For receiving **continued** funding in the amount of **\$71,039** from **Georgia Department of Early Care and Learning** for the Bright from the Start Program. The overall goal of this project is to coordinate and provide child care and early education services for four-year-old children and their families served by Georgia's Pre-K Program.

Taiquanda Winbush

**Coordinator/Clinical Lab Instructor for the Department of Allied Health
College of Health Professions**

For receiving **new** funding in the amount of **\$2,500** from **the American Society for Clinical Pathology (ASCP)** for a Laboratory Program Development Award entitled, *Revealing the Hidden Gem: A Promotion of Histotechnology in Southwest Georgia*. The project proposes to promote the field of Histotechnology and the Histologic Technician program offered at Albany State University to high school students in five counties located in Southwest Georgia. Specifically, this project will promote the profession and recruit potential students for the program through classroom presentations at local high schools, attendance at high school and hospital based college fairs, college open houses, and new student orientations, and will also showcase the National Histology Day and National Lab Week through campus activities.

Seyed Roosta, Ph.D.

Interim Dean, College of Sciences and Technology

KC Chan, Ph.D.

**Professor, Department of Chemistry and Forensic Science
College of Sciences and Technology**

For receiving **continued** funding in the amount of **\$471,438** from **National Science Foundation HBCU-Up Program** for the Implementation Project: From Learning Community to Teaching Community - A Grass Roots Approach to STEM Undergraduate Teaching and Learning. The overall goal of this project is to enhance the quality of undergraduate STEM education at ASU.

Yixuan Wang, Ph.D.

**Professor, Department of Chemistry and Forensic Science
College of Sciences and Technology**

For receiving **continued** funding in the amount of **\$105,160** from **the National Institutes of Health** for the project entitled: *Understanding Non-covalent Interaction in Carbon Nanotube Bioconjugates*. The overall goal of this project is to use molecular modeling and simulation to investigate the interactions between anticancer drugs and carbon nanomaterials. Such knowledge can eventually help design a new generation of nano-based drug delivery systems for more efficiently targeting tumor issues.

Amir Saheb, Ph.D.

**Associate Professor, Department of Chemistry and Forensic Science
College of Sciences and Technology**

For receiving **continued** funding in the amount of **\$83,836** from the **National Institutes of Health via Hampton University** for the MMHI Pilot Project entitled: *DNA Specific Sensor for Prostate Cancer Biomarkers Bridge*. The goal of this project is to develop an electrochemical probe into an array of microelectrodes through the use of microelectronic fabrication techniques, which will allow for multivariate data analysis as different strands of DNA to be analyzed simultaneously for Prostate Cancer Biomarkers.

Arun Saha, Ph.D.

**Associate Professor, Department of Chemistry and Forensic Science
College of Sciences and Technology**

For receiving **new** funding in the amount of **\$10,000** from **NASA Space Grant Consortium** for the project entitled *Microwave Absorber with Metamaterial*. The overall goal of this project is to expose pre-engineering students to a new research direction which has attracted engineers and scientists for the last two decades in exploring extraordinary functionality form material by tuning its property artificially to meet present days' complex technological demand. Specifically, this project will allow students to design an absorber by adjusting the electrical property of the material artificially or manually.

Liqiu Zheng, Ph.D.

**Associate Professor, Department of Chemistry and Forensic Science
College of Sciences and Technology**

For receiving **supplemental** funding in the amount of **\$5,246** from **the National Science Foundation (NSF)** for a HBCU-Up Research Initiation Award entitled, *High performance p-i-n heterogeneously structured lead-free perovskite photovoltaics with enhanced stability*. The overall goal of the project is to concurrently address two critical issues of perovskite solar cells: instability and toxicity, without compromising performance. Ultimately, this research aims to address the persistent energy crisis and mitigate climate change by developing renewable, sustainable and affordable "green" alternative energy.

Olabisi Ojo, Ph.D.

**Associate Professor, Department of Biological Sciences
College of Sciences and Technology**

For receiving **new** funding in the amount of **\$5,000** from the **American Society for Cell Biology (ASCB)** for the project entitled: *Albany State University Linkage Fellows Program*. The major goal of this program is to increase participation of faculty from MSIs to “serve as a link between the institution, its students, faculty and administration, and the ASCB Minorities Affairs Committee (MAC).” The Linkage Fellows program is expected to be instrumental in the identification of applicants at the undergraduate and graduate level for MAC programs.

Mark Masters

Director

Georgia Water Planning & Policy Center

For receiving **new** funding in the amount of **\$131,368** from **the National Institute of Food and Agriculture (NIFA) via University of Florida** for an Agriculture and Food Research Initiative entitled, *Agricultural Water Security for Florida, Georgia and Alabama through Sustainable Use of the Floridian Aquifer: An Integrated Assessment of Social, Economic and Environmental Impacts*. The Water Policy Center will provide professional services to assess the economic sustainability of agriculture and forestry in north Florida and south Georgia and assist in developing new best management practices to increase farmers' adoption of existing best practices in efforts to reduced water use and improved water quality in the aquifer.

For receiving **new** funding in the amount of **\$202,500** from **Georgia Department of Natural Resources** for a project entitled, *Compilation of Wetted Acres and Technical Assistance*. The Water Policy Center will provide professional services to assist the Environmental Protection Division with compilations of wetted areas in the selected Flint basin watersheds and related technical assistance.

So, remember that no funding amount is too small or too large to pursue. ORSP is here to help you pursue your research and external funding endeavors.