

HAMPTON RESEARCH BEAT

THE OFFICE OF THE VICE PRESIDENT FOR RESEARCH NEWSLETTER

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PRESIDENTIAL GRANTSMANSHIP AWARD

Presidential Grantsmanship Award—Beginning this year, under the direction of President Williams, the office of the Vice President for Research has instituted a new award - the Presidential Grantsmanship Award. This award will be presented annually to a faculty member who has demonstrated exceptional success in securing grant funding over the past year. The inaugural award was presented to **Dr. Calvin Lowe** and **Dr. Alkesh Punjabi** for their outstanding contribution to Hampton University and their commitment to research. Both Dr. Lowe and Dr. Punjabi are Research Professors in the School of Science. They were recognized for their outstanding effort in bringing over \$3 M together in the past year for research related to fusion energy science.

RESEARCH GRANTS

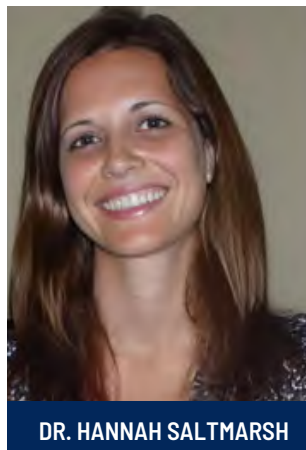
Congratulations to the recipients of the Hampton University's Faculty Development Grant Awards



DR. RAYMOND DEWITT

Dr. Raymond DeWitt, Assistant Professor, Department of Mathematics, School of Science (SOS).

Title: **Reinforce and Retain Peer-Tutoring Exploration**



DR. HANNAH SALTMARSH

Dr. Hannah Saltmarsh, Assistant Professor, Department of English and Foreign Languages, School of Liberal Arts and Education.

Title: **Progress on "Cures for Deep Wounds" (Poetry Manuscript)**



DR. TANYARADZWA MUZATA

Dr. Tanyaradwa Muzata, Assistant Professor, Department of Chemical Engineering, School of Engineering, Architecture and Aviation.

Title: **Development of Polymer Based Antimicrobial Coatings via and Industrially Scalable Technique.**



DR. ANUPAM DAS

Dr. Anupam Das, Assistant Professor, Department of Chemistry and Biochemistry, SOS.

Title: **Development of a Surface-enhanced Raman Spectroscopy (SERS) and Lateral Flow Assay (LFA) Paper Strip Based Low Cost 'Point of Need' Sensor for Trace Detection of Fentanyl Hydrochloride in Body Fluids.**



RESEARCH CONFERENCES

Hampton, VA – June 28, 2024: Hampton University proudly hosted the Advanced Research Projects Agency for Health (ARPA-H) conference, bringing together officials from leading universities and small business owners. The conference focused on ARPA-H's mission to accelerate better health outcomes for everyone through innovative research and development. It provided an invaluable platform for attendees to learn more about ARPA-H's groundbreaking initiatives and to explore collaborative opportunities.



Hampton, VA – June 6, 2024: Hampton University School of Science recently hosted the National Science Foundation (NSF) Clean Energy Technology (CET) Workforce Accelerator for Fusion Conference. The focus was on developing a diverse workforce to advance fusion energy, which promises to offer large-scale, carbon-free power. It also holds promise to power transportation systems by serving as a heat source to produce hybrid or other heat-based fuels for vehicles.

RESEARCHERS' INFORMATIONAL FORUM SPRING 2024



Debra Murray, Ph.D., Associate Professor, Baylor College of Medicine Title: Research about All of Us Research Data a repository of health data includes: electronic health records, Fitbit data, genomic data, behavioral and socio-economic survey data



Ayodele Akinremi, (PT, Msc, MHS, Ph.D., MISC) Certified Associate Rehab Specialist (Cardiopulmonary PT; Exercise & Respiratory Physiology) Department of Physical Therapy School of Science Title: Informed Consent Process and Form



Tina Rollins, MLS, Ph.D., Library Director Title: Optimizing Library Resources for Research and Curriculum: An Overview

RESEARCH TRIVIA

What is the hardest natural substance on Earth?

- A. Cotton
- B. Diamond
- C. Granite
- D. Copper

CORRECT ANSWER: B