

Research Day 2015 Winners

Overall

- ⌘ Undergraduate Student –Chanell Boyd, College of Arts & Sciences, “Screening for Adult Lung Stem Cells within the Alveolar Type 2 Population”
- ⌘ Professional Student – Tuo Dong, College of Medicine, “CT-guided 3D printable models for anatomy teaching”
- ⌘ Graduate Student – David Greene, College of Engineering, Architecture, & Computer Sciences, “Accelerating Ground Penetrating Radar Image Reconstruction using Graphics Processing Units”
- ⌘ Post Doc/Resident/Fellow/Research Associate – P Kurian, College of Medicine, “Quantum Entanglement in DNA: From Information Storage to the Holographic Genome”
- ⌘ Junior Faculty/Lecturer/Instructor – Lennox Graham, School of Nursing & Allied Health Sciences, “Best Strategies to Recruit and Enroll African Americans into Clinical and Biomedical Research”
- ⌘ Senior Faculty – Charles Verharen, College of Arts & Sciences, “Education as the Cornerstone of Ethical Sustainable African Development”

Biological & Biomedical Sciences

- ⌘ Undergraduate Student – Chanell Boyd, College of Arts & Sciences, “Screening for Adult Lung Stem Cells within the Alveolar Type 2 Population”
- ⌘ Professional Student – Uchechukwu Ezeonyebuchi, College of Pharmacy, “Rifampin, Pyrazinamide and Moxifloxacin-Loaded Nanoparticles for the Treatment of Sensitive and Multidrug Resistant Tuberculosis”
- ⌘ Graduate Student – Ruby Boateng, College of Arts & Sciences, “ETR-1, an ELAV-type RNA binding protein, may play a role in regulating germline apoptosis in *Caenorhabditis elegans*”
- ⌘ Post Doc/Resident/Fellow/Research Associate – P Kurian, College of Medicine, “Quantum Entanglement in DNA: From Information Storage to the Holographic Genome”
- ⌘ Junior Faculty/Lecturer/Instructor – Zaki Sherif, College of Medicine, “Factors affecting the course of HCV infection and the sustained virological response in African American patients at Howard University Hospital”
- ⌘ Senior Faculty – Sergei Nekhai, College of Medicine, “Protein Phosphatase-1 as a Target for Antiviral Small Molecules against Ebola Infections”

Business

- ⌘ Undergraduate Student - Shenita-Ann Grymes, School of Nursing & Allied Health Sciences, “Proper utilization of care reduces hospital re-admissions”
- ⌘ Junior Faculty/Lecturer/Instructor – Anupam Kumar, School of Business, “Gresham's Law for Environmental Practices”
- ⌘ Senior Faculty – Jean Wells, School of Business, “Identity Theft Tax Refund Fraud: Efforts to Detect and Prevent”

Creative Arts & Design

- ⌘ Undergraduate Student – Brookie Madison, School of Communications, “A picture tells a thousand words: How viewers perceive Black Women”
- ⌘ Graduate Student – Monique Major, College of Arts & Sciences, “Major Themes, Trends and Relationships within The Creativity Research Journal”

Education & Outreach

- ⌘ Professional Student – Tuo Dong, College of Medicine, “CT-guided 3D printable models for anatomy teaching”
- ⌘ Graduate Student – Ketly Jean-Pierre, College of Engineering, Architecture, & Computer Sciences, “Design and Implementation of a Structured Adaptive Individualized Learning System (SAILS) to Assist in the Successful Matriculation of Students in Computer Science”
- ⌘ Post Doc/Resident/Fellow/Research Associate – Jamal Jones, College of Arts & Sciences, “Filling the Gap by Example: Analyzing the relationship between mentors and the development of academic motivation in African American Male Students”
- ⌘ Junior Faculty/Lecturer/Instructor – Lennox Graham, School of Nursing & Allied Health Sciences, “Best Strategies to Recruit and Enroll African Americans into Clinical and Biomedical Research”
- ⌘ Senior Faculty – Charles Verharen, College of Arts & Sciences, “Education as the Cornerstone of Ethical Sustainable African Development”

Ethics, Law, & Religion

- ⌘ Undergraduate Student – Tiffany Brockington, College of Arts & Sciences, “Fulfilling the Great Commission the Africana Way”
- ⌘ Graduate Student – Terence Mayo, College of Arts & Sciences, “A Critical Evaluation of President Obama's Faith-Based Domestic Policies”

Humanities

- ⌘ Undergraduate Student – Sarah Porter, College of Arts & Sciences, “The Logic of Sanctions: Russian Effects”
- ⌘ Graduate Student – Cherie Ward, School of Communications, “Using Poetry as a Communication Multimodality to Engage African American Learners with Mild Intellectual Disabilities in Reading: A Case Study”
- ⌘ Senior Faculty – Alla Tovares, College of Arts & Sciences, “Shevchenko and Aldridge: The dialogic chronotope of the legendary friendship”

Physical Sciences & Engineering

- ⌘ Undergraduate Student – Matthew Clarke, College of Engineering, Architecture, & Computer Sciences, “Construction and Analyses of Subsonic Airfoils for Wind Tunnel Testing”

- ⌘ Professional Student – Beatrice Efumba, College of Pharmacy, “Computational toxicology as an Early Safety Assessment Tool for Peroxisome Proliferator-Activated Receptor Induced Toxicity”
- ⌘ Graduate Student – David Greene, College of Engineering, Architecture, & Computer Sciences, “Accelerating Ground Penetrating Radar Image Reconstruction using Graphics Processing Units”
- ⌘ Post Doc/Resident/Fellow/Research Associate – Jyothirmai Simhadri, College of Engineering, Architecture, & Computer Sciences, “Role of high-order hydrodynamic interaction of semiflexible filament dynamics”
- ⌘ Junior Faculty/Lecturer/Instructor – Preethi Chandran, College of Engineering, Architecture, & Computer Sciences, “High resolution nanoscale mapping of cartilage mechanical properties”

Social Sciences

- ⌘ Undergraduate Student - Vedanna-Kaye Laidley, College of Arts & Sciences, “Black Woman in America: The Tragedy of Identity”
- ⌘ Graduate Student – Janel M. Gill, College of Arts & Sciences, “The Role of Comfort with Uncertainty in H1N1 Vaccination Decisions”
- ⌘ Junior Faculty/Lecturer/Instructor – Benoit Schmutz, College of Arts & Sciences, “Job search and migration in a system of cities”
- ⌘ Senior Faculty – Quito Swan, College of Arts & Sciences, “Pauulu's Diaspora: Black Power & Pacific Crossroads”

Translational & Clinical Sciences

- ⌘ Undergraduate Student – Yingying Yip, School of Nursing & Allied Health Sciences, “The role of Nutrition care process in addressing health disparities in End Stage Renal Disease”
- ⌘ Professional Student – Becky Li, College of Medicine, “Pediatric Melanoma: Staging, Surgery and Mortality in the Surveillance, Epidemiology and End Results (SEER) Database”
- ⌘ Graduate Student – Osigbemhe Iyalomhe, College of Medicine, “A Standardized Randomized 6-Month Aerobic Exercise-Training Down-regulated Pro-inflammatory Genes, but Up-regulated Anti-inflammatory, Neuron Survival and Axon Growth-Related Genes”
- ⌘ Post Doc/Resident/Fellow/Research Associate – Xionghao Lin, College of Medicine, “Stability Investigation of anti-HIV-1 Small Molecule (1E7-03) Using Nano-Liquid Chromatography/Fourier Transform Mass Spectrometry”
- ⌘ Junior Faculty/Lecturer/Instructor – Liang Shan, College of Medicine, “A Bivalent Recombinant Immunotoxin Exhibiting High Potency against Tumors with EGFR and EGFRvIII Expression”
- ⌘ Senior Faculty – Brian Laurence, College of Dentistry, “An exploratory analysis of comorbid conditions associated with hospital admission among patients with head and neck cancer”