2012 UNDERGRADUATE RESEARCH & CREATIVE WORK COMPETITION

April 5, 2012, PSB Lobby

Winners

Contact: Lynn Strong, Director, Undergraduate Research, PSB 250, 816-4446 (Cell: 209-404-2476)

52-Entries: 10-Creative Work; 18-Qualitative Research; 24-Quantitative Research

CREATIVE WORK

1st Place

LEGO Forklift Robot
Investigator(s): Emole Anya Dimgba, Junior, STEM, Physics/Computer Science
Victor Ogburie, Junior, Physics/Computer Science
Eric Roberson, Sophomore, STEM, Computer Science
Raffel Gordon, Junior, STEM, Computer Science
Marcel Williams, Senior, STEM, Computer Science
Faculty Mentor(s): Ming-Hsing Chiu, PhD and Linda Louis, PhD, STEM, Computer Science

2nd Place

How Space Weather Affects the Earth
Investigator(s): Charne’ Thomas, Junior, STEM, Biology
Paula Ogbeuoen, Junior, STEM, Biology
Faculty Mentor(s): Bernard Singleton, DVM, MS, STEM, Biology

3rd Place

Robotics: Fly Trap
Investigator(s): Christian Ramson, Freshman, STEM, Computer Science
Takunda Jora, Sophomore, STEM, Computer Science
Brandon Mathieu, Senior, STEM, Computer Science
Gary Tuckers, Senior, STEM, Computer Science
Faculty Mentor(s): Ming-Hsing Chiu, PhD and Linda Louis, PhD STEM, Computer Science

QUALITATIVE RESEARCH

1st Place

Determining the Status of Indoor Airborne Microbial Organisms in the Gentilly Area Six Years Post Hurricane Katrina
Investigator(s): Curvelle Lewis, Senior, STEM, Biology
Breanna Ryan, Sophomore, STEM, Biology
Faculty Mentor(s): Bernard Singleton, DVM, MS, STEM, Biology

2nd Place

Unite States Foreign Policy: Syria and Egypt
Investigator(s): Juan Serrano, Senior, Political Science
Faculty Mentor(s): Nchor Okorn, PhD, Political Science
3rd Place

*Antimicrobial Activity of Beet Extract on Fecal Bacteria*
Investigator(s): Joshua Daye, Senior, STEM, Biology  
                Donique Thorpe, Junior, STEM, Biology  
Faculty Mentor(s): Bernard Singleton, PhD, Political Science

**QUANTITATIVE RESEARCH**

1st Place

*Assessing the Genotoxicity of the British Petroleum Oil Spill due to Weathering in the Air and Water at Impact of Louisiana Shorelines*
Investigator(s): Nichole Lathan, Junior, STEM Chemistry  
                Jasmine Scott, Senior, STEM, Biology  
Faculty Mentor(s): Bernard Singleton, DVM, MS, STEM, Biology

2nd Place

*Food Insecurity and Chronic Kidney Disease: The Healthy Aging in Neighborhoods of Diversity Across the Lifespan (HANDLS) Study*
Investigator(s): Alexandria Broadnax, Junior, STEM Biology  
Faculty Mentor(s): Eric Buckles, PhD, STEM, Biology

3rd Place

*Pulsed Lasers Deposition of epital BaTEO$_3$ Thin Films*
Investigator(s): Michael Sagapoleleta, Junior, STEM, Physics  
Faculty Mentor(s): Abdalla Darwish, PhD, STEM, Physics

**Judges**
Ming-Hsing Chiu, PhD, Computer Science  
Cortheal Clark, Humanities, Theater  
Ramona Jean-Perkins, PhD, General Studies  
Carla Morelon, PhD, Institutional Assessment  
Yolanda Powell-Young, PhD, Nursing  
Reginald Stanton, PhD, Chemistry  
Dawn Williams, Student Life  
Carroll Wiltz, PhD, Sociology  
Keith Wismar, PhD, Psychology

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