

SCHOOL OF MATHEMATICS, SCIENCE AND TECHNOLOGY

STUDENT POSTER PRESENTATIONS

Shante' Adams, Sr, CHEM

The Effects of Keppra on Dopamine Transients in the Nucleus Accumbens of Awake Rats

Sareece Armwood, Jr, CHEM

*Inhibition of Caspase-3 by Zimbabwe Medicinal Plants *Ozoroa reticulata* and *Pseudolachnostylis maprouneifolia**

Michael Austin, Jr, CS

Visualization of Ice Sheet Elevation Data Using Google Earth & Python Plotting Libraries

Joyce Bevins, Jr, CS

Data Point Visualization and Clustering Analysis

Daphine Brown, Jr, CHEM

Expression System for Fine-Mapping the Transmembrane Segments of YidC

JerNettie Burney, Jr, CS

Evaluation of Cloud Storage for Preservation and Distribution of Polar Data

Justin Deloatch, Sr, CS

The Spectral Reflectance of Ship wakes between 400 and 900 nm

Robyn Evans, Jr, MATH

Building Visualization of Ice Sheet Elevation Data Using Google Earth & Python Plotting Libraries

Kaiem Frink, Grad, MATH

Reconnaissance Imaging Spectrometer for Mars CRISM Data Analysis

Chelsea Goins, Sr, MATH

Stability Analysis of a Simple Model of Chemotherapeutic Intervention in a Conjoint Normal-Tumor Aging Cell System

George Harris, Sr, ENG TECH

Development and implementation of a new material tracking process to streamline and improve efficiency of drilling operations to extract natural resources

Darius Harrison, Jr, ENG TECH

The Dynamics of Sap Flow Systems and the Role of Power Boards

John Hayes, Sr, ENG TECH

Damage detention and structural rehabilitation to prevent catastrophic failure in HH-65 Dolphin Helicopters

Michael Jefferson, Sr, CS

Tracking Ice Flow in two Greenland Outlet Glaciers

Robert Mason, Sr, ENG TECH

Computer Digital Image Processing in Quality Inspection - Reverse Engineering Approach

Camille McGowan, Jr, PSYCH ENG

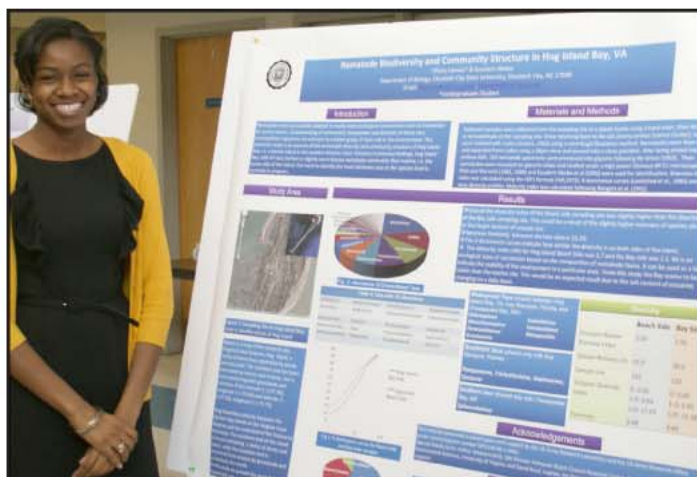
Determining the Relationship between Coping Skills and internalized Racism

Alicia Payton, Sr, SOC WORK

Exploring Parent's Perceptions of Afterschool Programs in Ohio

Stephanie Perez, Jr, BIO

*Insecticidal Properties of Essential Oils from the Leaves and Seeds of *Schinus terebinthifolius**



Jalisa Pettis, Sr, BIO

Biological Diversity and Ecological Community Structure at a Coastal Barrier Island, Virginia

Brittany Rice, Jr, CHEM

Synthesis of 2',3' Epoxynoraristeromycin

Antoinette Roberts, Jr, BIO

*Argobacterium transformation of rapid-cucling fast plants (*Brassica rapa*) using floral dip*

Laijia Robinson, So, CHEM

The Effects of Traditional Zimbabwe Medicinal Plants on Caspase-3 and Beta-Amyloid Cytotoxicity

Lisa Scott, Jr, BIO

5F 203 Promotes Oxidative DNA Damage and Induces The Expression of Cytoglobin, A Novel Tumor Suppressor Gene, In Breast Cancer Cells

Shakia Seabrook, Sr, SOC WORK

Effects of Age and Education on Internalized Racism (INR), a Psychosocial Stressor

Glasher Shealey, Sr, BIO

Model for Studying Epigenetic Memory of Hypermethylator Breast Cancer Cell Lines

Arkeen Simmons, So, CHEM

*Phytochemistry of Medicinal Plant *Vangueria infausta* Extract and its Effect on Caspase-3*

Tarreyca Taylor, Sr, BIO

The Biodiversity and community Analysis of Nematodes in Lake Phelps, NC

Tyler Thompson, Jr, BIO

Effect of Internalized Racism, a Psychosocial Stressor, on Diurnal Cortisol Levels

Deirdre Vaughan, Sr, CHEM

The Affects of Immortalization with E6 and E7 on Aryl Hydrocarbon Receptors and Its Regulated Genes in Human Mammary Epithelial Cells

James L. Webb, So, PHARM

Human Impacts on the Water Quality of the Pasquotank

A Commitment to Excellence in Research and Education