

Division of Graduate Studies - Jackson State University  
Dr. Dorris R. Robinson-Gardner, Dean

Theses and Projects: 2006-2007

### **Master of Arts**

#### **Criminology and Justice Services**

- James L. Brown      “An Analysis of the Increased Rate of African American Women Incarcerated in the Mississippi Prison System”
- Cerissa Eubanks      “An Analysis of the Impact of Felony Disenfranchisement of African Americans as it Relates to the Crimes Selected in the Mississippi Constitution of 1890 and the Usage of State Sovereignty Rights in Oppositions to the Passages of the 15<sup>th</sup> Amendment During the Reconstruction Era”
- Sherman Clincy      “The Over-representation of Black Youth in the Juvenile Justice System”
- Shelia Jackson      “Comparative Analysis of Zero Tolerance at School and the Rise in Female Adolescent Crime in Adams County, Mississippi”
- Mynya Kaufman      “Assessment of Bank Robberies in Jackson, Mississippi Utilizing Geographic Information Systems Technology”
- Jewel Lain      “Societal Views toward Serious Juvenile Offenders”
- Bobby Mays      “Crime and Policing in America”
- Kymaneeah Prophet      “Impact of Ineffective Assistance of Counsel in Death Penalty Cases: A southern Case Study”

#### **History**

- LaShundra Calvert      “America’s World War II Era’s Industrial Economy: The Impact of Women in the Workforce”
- Joseph Miller      “The Politics of Housing Legislation and Its Socio-Economic Impact on African Americans: 1861-2000”
- Roderick Moore      “Dr. Margaret Walker Alexander and the Institute for the Study of the History, Life and Culture of Black People, 1968 - 1979”

## **Sociology**

- Billie Amos “The Influence of Alcohol and Drugs in Dating Situations”
- Latanya D. Johnson “The Effects of Gender, Peer Pressure, Mother’s Substance Use and Father’s Substance Use on the Child’s Substance Use”
- Veronica B. Lee “Characteristics of Prescription Drug Misuse”
- Deborah M. Russell “The Impact of Alcohol and Marijuana Use on the Mental Health of Adolescents”
- Andrea Smith-Harris “Peer-Pressure, Self-Esteem, Parental Substance Use and Organization Affiliation as Casual Factors in Substance Use Among College Students”
- Joel D. Swan “The Effects of Social Distance, Financial Gain, Educational Attainment, and Degree of Deviancy on the Concept of Computer Crime, i.e. Hacking: The Unspoken Crime”
- Juantia Williams “A Study of the Relationship Between Alcohol and Drug Use, Race and Gender as Casual Determinants of School Dropouts”

## **Urban and Regional Planning**

- Colandra Jones “The Analysis of Urban Design Components in a Small Town Comprehensive Plan”

## **Master of Science**

### **Biology**

- Alexis M. Hand “Al Receptors and Macrophage Infiltration in Coronary Atherosclerosis in the Metabolic Syndrome”
- Michael Opata “Biochemical and Biophysical Evidence for Verninia Amygdalina Extract Anticancer Actions”
- Pamela L. Ruffin “Effects of Human Umbilical Cord Blood Regulatory T Cells on Effector CD8+ T Cell Differentiation”
- Shaneka Simmons “Functional Diversity of the Universal Stress Proteins of Arabidopsis and Rice”

## **Chemistry**

- LaTanya Dixon “Theoretical Comparison of Cisplatin and Cisplatin Analogs Using DFT Calculations”
- Jason A. Ford-Green “Theoretical Conformational Studies on Parathion”
- Angela D. Fortner “Metal-Assisted Photo Induced DNA Damage Role of Singlet-Oxygen and MLCT”
- Stephanie L. Gilley “Toxicity Including Photomutagenicity of Polychlorobiphenyls (PCBs)”
- Jelani Griffin “Role of Inert Gas in Low Temperature Nanodiamond Chemical Vapor Deposition”
- Clive A. Munjoma “Separation of Pharmaceutical Compounds by Capillary Electrophoresis”

## **Communicative Disorders**

- Nina Austin “A Comparison of Expressive and Receptive Vocabulary Skills in Fourth-Grade Children in Urban and Rural Public Schools”

## **Computer Engineering**

- Michael F. Williams “Credibility Based Secure Source Routing Protocol for Mobile Ad Hoc Networks”

## **Computer Science**

- Ashley Abraham “A Study on JPEG2000 Performance Based on Image Contents”
- Reginald Bogan “CRISPR Characterization”
- Jason Chatmon “Data Preparation for Acute Lymphoblastic Leukemia and Acute Myeloid Leukemia”
- Sharhonda Deloach “Steganographic Embedding and Detecting of Data in MP3 Files”
- Sushma Donpati “Customer Centric Data”
- Kranthi Kumar Edla “Web-Based Learning System”
- Dikiefu Fabiano “Creating and Implementing High Performance Web Crawler”

Jason Hurley "Applied Use of K-Nearest Neighbor Algorithm to Classify Cardiovascular Data"

Ruiluin Jiang "A Classroom Reservation Web Application Using PHP and My SQL"

S. K. Reddy Juturu "Integrated Data Hub"

Syreeta Knight "Fast Structural Joins Using Bit Patterns"

Harold Loving "Our Family247.com: A Study of a Family Reunion Information System"

Mouna Kettani "Impact of Broadcasting Techniques on the Performance of Mobile Ad Hoc Network Routing Protocols"

Aleksandr Kumenko "Microsoft Terminal Server Deployment"

Ling Lu "Wave Form Generator for Real Time Control System"

Mahathi Narem "Software Testing on Sunrise Clinical Systems"

Prasuna Nageli "Distributed Channel Management Systems"

Cystal L. Nevels "Automatic Extraction and Classification of Medicine Abstracts on Salt Tolerance in Plants"

V. Reddy Nimma "Reporting Generating Tool (DBReport)"

Dayakar P. Nittala "On-line Education with JAVA Server Pages"

Tony Olaye "Stability and Energy Consumption of Multi-Path Mobile Ad Hoc Network Routing Protocols"

Sushma Peesari "A New Online Job Search Facility"

Andrew Reggans, Jr. "Mining Databases for Trends in the Performance of College Students on Standardized Test"

DeiAndre Rushon "Introduction to Web-Based Controlled Systems"

Nirmala Sahoo "Implementations of Grants Management Systems"

Arundhati R. Surakanti "National Transfer Center Information System"

- Cassandra Tate-Wilson      “Tiger Talk: Architecture and Deployment of a Secure Campus-wide Instant Messaging”
- Rachna Trivedi      “On-line Communication, Discussion and Collaboration System”
- Vinti Verma      “A Web Based Tool to Manage Power of Hard Disk Remotely”
- Chester Lovell Willis      “The Design and Development of Computer Security and Computer Forensics Laboratories”

### **Environmental Science**

- Erika T. Brown      “Arsenic Induces Oxidative Stress and Cytotoxicity in Human Liver Carcinoma (HepG2) Cells”
- Robert Fedrick      “Impacts of Aquatic Snakes on Two Commercial Catfish Farms in the Mississippi Delta”
- James Kelley      “Leaf Spectral Properties of Morning Glory (Ipomoea Lacunosa L.) Grown in Lead Contaminated Soils”
- Melanie McHenry      “The Effects of Triclosan on Marine Algae Species”

### **Mathematics**

- William Clay, II      “Locating mRNA Targets for MicroRNAs via Singular Value Decomposition and Principle Component Analysis”

### **Mass Communication**

- Teresa Hines      “Ethics in the Media: An Analytical Survey of News Directors”