The Graduate School at Jackson State University  
Dr. Dorris R. Robinson-Gardner, Dean  


Theses

Master of Arts

English

Cornelius N. Holmes  “Spirituality in Toni Morrison’s Beloved”  
Advisor - Dr. Wanda Macon-Morgan

History

Laurie Christine Cheatham  “The Legacy of Plessy: Mississippi’s Enduring Public vs. Private Dual School System” Advisor - Dr. Denoral Davis


Political Science

Advisor – Dr. Mary Coleman.

Sociology

Makeabe R. Latiker  “Substance Use and Extent of Prostitution in a Displace Population”  
Advisor – Dr. Marlene Setze

Zebbie D. Williams  “Demographic and Societal Factors Influencing Frequency of Drug Use in a Homeless Population”  Advisor – Dr. V.V.P. Rao

Master of Science

Biology

Vernetta L. Coleman  “Genomic Markers Associated with CTX/Cardiovascular Diseases”  
Advisor - Dr. Joseph A. Cameron

Stacey Hull-Vance  “Comparison of Adrenal, Gonadal, and Pituitary Hormones on the Behavior of Rhesus Monkey and Primary Kidney Epithelial Cells in Culture”  Advisor - Dr. Joseph A. Cameron
Chemistry

Shuguang Wang  
“Effect of Organic Solvents and Biologically Relevant Ions and Molecules on the Light-Induced Cleavage by PAH’s”  
Advisor – Dr. Hongtao Yu.

Communicative Disorders

Edith McDavid  
“Voice Characteristics of High School Football and Basketball Coaches”  
Advisor – Dr. Zenobia Bagli

Venus S. Williams  
“Students’ Perceptions of Speech-Language Therapy With and Without the Use of Art-Based Activities”  
Advisor – Dr. Lauren Bland

Environmental Science

James T. Chapman  
“Identifying Lead Contamination of Soils in the Mid-Town Area of Jackson, Mississippi”  
Advisor – Dr. Charles Rhyne.

Lamar Reed  
“Assessment of Cadmium and Lead Toxicity on the Marine Bacterium *vibrio Fisheri* and a Heterogeneous Population of Microorganisms”  
Advisor – Dr. Paul B. Tchounwou

Clement G. Yedjou  
“Cytotoxicity, HSP70, HMTIIA, p53 and c-fos Expression in Human Liver Carcinoma (HepG2) Cells Exposed to Arsenic Trioxide”  
Advisor - Dr. Paul B. Tchounwou

Hazardous Materials Management

Cynthia J. Bachelor  
“Zero-Valent Iron (Fe) and its Application in the Remediation of Explosive Contaminated Aqueous Solutions Under Anaerobic Conditions”  
Advisor - Dr. P.C. Yuan

Mass Communication

Leshonda Jones  
“Gender Role Stereotyping in Black Magazine Advertising”  
Advisor - Dr. Robert List

Mathematics

Marilyn Bennett-Roberts  
“Infinite Matrices”  
Advisor – Dr. Bessie Tucker

Projects

Master of Arts

Sociology

James E. Lyons, Jr.  
“Factors Associated with the Marital Attitudes of Adolescents: A Review of the Literature”  
Advisor – Dr. Marlene Setze.
# Master of Science

## Computer Science

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Title</th>
<th>Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Murthy Andavolu</strong></td>
<td>“An Internet Website for Companies to Login and Download Files Containing Customer Usage History Using Oracle 8.0.4, WebLogic 5.1, JAVA, JSP, XML, and Servlets”</td>
<td>Dr. T. Pei</td>
</tr>
<tr>
<td><strong>Vivek Ashodha</strong></td>
<td>“Web-Based School Inventory System”</td>
<td>Dr. Haile Tesfa</td>
</tr>
<tr>
<td><strong>Mingshui Ma</strong></td>
<td>“A Project Management System for an Architectural Firm”</td>
<td>Dr. T. Pei</td>
</tr>
<tr>
<td><strong>Geetha Marpadga</strong></td>
<td>“Web Portal for Information Technology”</td>
<td>Dr. T. Haile.</td>
</tr>
<tr>
<td><strong>Sherice Lashunt McElroy</strong></td>
<td>“A Web-Based Course Management System”</td>
<td>Dr. John A. Wicks</td>
</tr>
<tr>
<td><strong>Yevgeniy Podolyan</strong></td>
<td>“Credit Card Account Management and Transaction Processing Using Relational Databases”</td>
<td>Dr. T. Pei</td>
</tr>
<tr>
<td><strong>Madhavi Reddy</strong></td>
<td>“Online Student and Faculty Services”</td>
<td>Dr. Tzusheng Pei</td>
</tr>
<tr>
<td><strong>Lisa Scott</strong></td>
<td>“Thinking in Objects: An Introduction to Object-Oriented Concepts”</td>
<td>Dr. Loretta A. Moore</td>
</tr>
<tr>
<td><strong>Somiya Shukla</strong></td>
<td>“Configuration Tool for Network Storage Manager”</td>
<td>Dr. Qutaibah Malluhi</td>
</tr>
<tr>
<td><strong>Ajai Thomas</strong></td>
<td>“Intranet-Based Workflow Automation”</td>
<td>Dr. John A. Wicks</td>
</tr>
<tr>
<td><strong>Kendrick Wilson</strong></td>
<td>“Software Development Using Object Oriented Design Patterns: Tax Preparation Software”</td>
<td>Dr. T. Pei</td>
</tr>
<tr>
<td><strong>Xiaodong Yin</strong></td>
<td>“Developing Web Database Applications using the Coldfusion Web Development Tool – Course Registration as an Example”</td>
<td>Dr. Tesfa Haile</td>
</tr>
<tr>
<td><strong>Quan Yu</strong></td>
<td>“Online Housing Tax Credit Query System”</td>
<td>Dr. Tesfa Haile</td>
</tr>
</tbody>
</table>

## Criminology and Justice Services

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Title</th>
<th>Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Drustella Neely-White</strong></td>
<td>“School Bells to Jail Cells: A Comprehensive Analysis of the High Rate of Prison Incarceration Associated with African Americans in Mississippi”</td>
<td>Mr. Jimmy Bell</td>
</tr>
</tbody>
</table>
Hazardous Material Management


Vijay Kondur  “Using Graphic Information Systems (GIS) Technology to Measure and Protect the Environment from the Threatening of Wild Fire” Advisor - Dr. P.C. Yuan