Vision

The Division will serve as a leader in promoting excellence among all university scholars and be recognized as a model in developing multidisciplinary collaborations throughout the campus, local, national, and international communities.
Mission

• The Division has primary responsibility for nurturing excellence and advancing research, scholarly engagement, creative endeavors, and innovation at the University.

• The Division fulfills its mission by working proactively with faculty and staff to develop their external funding interests, identifying appropriate funding opportunities from public and private sources, and providing assistance with all of the elements of proposal development, submission, and acceptance of contracts, grants, and other awards.

• The Division encourages collaboration and partnerships through interdisciplinary research activities on campus and externally.

• The Division effectively protects and manages the intellectual property of the University and its researchers.

• The Division also implements and ensures compliance with University, agency, State, and Federal policies pertaining to grants and contracts related to sponsored activities.
2013-2014 Goals

• The Division will serve as a leader in promoting excellence among all the University’s scholars and be recognized as an institutional model in developing multidisciplinary collaborations throughout the campus, local, national, and international communities.

• The Division will promote innovation, academic entrepreneurship, and scholarly engagement, in order to increase research and development.

• The Division will increase engagement with program officers and funding agencies, build strategic alliances and collaborations, develop a closer relationship with all faculty researchers, and highlight the work of student/faculty research teams.

• The Division will establish a transparent pipeline of the entire proposal development and project management process, from concept development and proposal submission to project implementation and research sustainability.

• The Division will ensure compliance with University, State, Federal, and Agency Regulations and improve organizational efficiency.
2013-2014 Accomplishments

- Funding received
- Realignment of Centers
- Identified Research Focus Areas and Emerging Areas

Achieving Excellence

Promoting Innovation, Entrepreneurship and Scholarly Engagement

- Established satellite office in the Library
- Established JSU Innovation Day

Increasing Engagement and Building Strategic Alliances and Collaborations

- Hosted NASA Days, NSF GRFP Visit, and the Secretary of Homeland Security
- JSU hosted conferences on research topics
- Major research collaborations

Establishing a Transparent Pipeline

- Reorganization
- Established New Policies and Procedures

Ensuring Compliance and Organizational Efficiency

- Integrating Technology
- Training and Outreach
Achieving Excellence
## Funding Sources FY 2013-2014

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<th>FUNDING SOURCES</th>
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<td><strong>GRAND TOTAL</strong></td>
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# Funding Distribution

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<td><strong>GRAND TOTAL</strong></td>
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Achieving Excellence

- Research centers were realigned with their respective colleges.
  - RTRN Data Coordinating Center – College of Science Engineering & Technology (CSET)
  - National Center for Biodefense Communications – CSET
  - Trent Lott Geospatial and Visualization Center – CSET
  - Institute for Multimodal Transportation - CSET
  - Mississippi Urban Research Center – College of Public Service
  - Jackson Heart Study – College of Public Service
  - Gallery One, COFO – College of Liberal Arts
Research Focus Areas

- Computational and Data Enabled Science and Engineering
  - The RTRN Data Coordinating Center - $1,614,830
  - EPSCOR - $710,191
  - Interdisciplinary Center for Nanotoxicity - $501,955
  - Massie Chair in Computer Science - $412,500
  - Intelligence Consortium - $199,430
  - Risk Assessment and Risk Management of Nuclear Technology through Large Scale Simulation and Modeling - $90,000
- Health, Health Disparities and Health Sciences
  - Institute of Epidemiology and Health Services Research - $1,355,366
  - Jackson Heart Study (GTEC) - $1,210,505
- Environmental Science and Civil/Environmental Engineering
  - RCMI Center for Environmental Health - $3,552,440
  - The Coastal Hazards Center of Excellence - $900,000
  - National Center for Biodefense Communications - $111,712
Research Focus Areas

• STEM, Education and CyberLearning
  – LSAMP Bridge to the Doctorate – 1,487,000
  – Institutional Change through Faculty Advancement in Instruction and Mentoring (ICFAIM) - $989,238
  – Transforming the Climate and Advancing STEM Women at JSU - $614,624
  – EXTREEMS-QED Laboratory for Interdisciplinary Statistical Analysis and Mathematics Learning through Quantitative Exploration - $600,00
  – Undergraduate Biomedical Research Training - $329,587
  – Blueprint Mississippi – 195,000

• Community Engagement
  – Jackson Heart Study Community Outreach Center - $1,174,035
  – Metro Community Prevention Coalition 2015 Substance Abuse Block Grant – 331,690
  – Call me MISTER - $135,000
Promoting Innovation, Entrepreneurship, and Scholarly Engagement
Promoting Innovation, Academic Entrepreneurship and Scholarly Engagement

• Dr. Kamal Ali was named co-inventor on a patent for the Hardware in the Loop Simulator. A copy of the prototype is with the U.S. Army

• Dr. Hari Cohly was named co-inventor on a patent named Oxygen Displacement Technology to Remove Rust from Iron and Iron-Based Tools and Structures

• JSU Innovation Day was established to recognize innovation at JSU. This was celebrated as part of Mississippi Innovation Month.

• Participated in the 14th. Annual Conference on Technology Innovation hosted by Innovate Mississippi.

• Hosted 4 webinars on Innovation, academic entrepreneurship, and technology transfer.

• Coordinated SBIR/STTR collaborations for 2 Mississippi small businesses.
Promoting Innovation, Academic Entrepreneurship and Scholarly Engagement

• Fifteen (15) scholars completed the year-long Academy for Research and Scholarly Engagement. (To date: 4 proposals were funded; 13 proposals were submitted; 1 scholar invited to be a guest lecturer at Princeton; 2 have presented their research at conferences).

• Seventy-seven (77) travel awards were awarded to faculty members through the Center for University Scholars.

• Nine (9) Brown Bag Research Talks were hosted through the Center for University Scholars.
Promoting Innovation, Academic Entrepreneurship and Scholarly Engagement

• JSU ADVANCE Major Accomplishments
  • Hosted 10 STEM/SBS Scholars in the 4th Summer Writing Retreat
  • Integrated an Online Component to the SWR Curriculum
  • SWR Outcomes: Eight conference presentations, three peer reviewed journal articles published, two grant proposals funded
  • Supported two faculty in an Academic Leadership Program
  • Presented Project at the Latin American and Caribbean Consortium of Engineers International Conference in Guayaquil, Ecuador
  • Conducted a CSET Dept. Chair Bias Training and Focus Group
  • Institutionalization and Sustainability of the JSU ADVANCE Project
Increasing Engagement and Building Strategic Alliances
Increasing Engagement and Building Strategic Alliances

- Hosted NASA Days
- Hosted NSF GRFP Visit
- Hosted the Secretary of Homeland Security
- Presented at NSF as part of their Investing in Diversity Series
- Collaborated on Major Research Projects - Jackson Heart Study, RTRN, Center for Costal Hazards
Increasing Engagement and Building Strategic Alliances

• The new HBGI Grant program was submitted and funded for five years in the total amount of $9,536,920.00. The prior HBGI Program is in the final year of a five-year grant cycle.

• The HBCU Program is in the second year of a five-year grant cycle. Funding was secured for 2014-2015 in the amount of $4,862,359.

• The HBCU-SAFRA Program activity is in the fourth year of a five-year grant cycle. Funding was secured for 2014-2015 in the amount of $1,421,445.
Establishing a Transparent Pipeline
Organizational Chart
Division of Research and Federal Relations

Carolyn W. Meyers
President

Vice President for Research and Federal Relations

Executive Assistant

Associate Vice President for Research Development

Center for University Scholars
Technology Transfer, Licensing and Commercialization
Title III Programs

Sponsored Programs

Contracts and Grants
Research Compliance

Associate Vice President for Research Administration

Vice President for Business and Finance

Assistant
Policies

• A new policy on Extra Compensation was approved and implemented.

• A new policy on the Redistribution of Indirect Cost Dollars was approved.
Ensuring Compliance and Organizational Efficiency
Compliance and Organizational Efficiency

- A position was created for a Time & Effort Administrator.
- The Time & Effort reporting became fully electronic in Fall 2013 in an effort to increase reporting accuracy and to be in compliance with state and federal regulations. The reporting is done through the Banner system.
- A position was created for a Fiscal Compliance Officer.
- Cayuse 424 was implemented.
- The Division increased its training sessions in Time & Effort, Responsible Conduct of Research, Institutional Review Board (IRB) and Financial Conflict of Interest to ensure that faculty and staff are knowledgeable about state and federal guidelines governing their research activities.
2014-2015 Goals

• The Division will be recognized as a leader in securing external funding, promoting excellence among University scholars, and fostering multidisciplinary collaborations throughout the campus, local, national, and international communities.

• The Division will promote innovation, academic entrepreneurship, scholarly engagement, and student-faculty research teams.

• The Division will increase engagement with funding agencies, strengthen federal relations, and build strategic alliances and collaborations with other institutions.

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