Overview

Jackson State University, founded in 1877, is a historically black, “high research activity” university located in Jackson, the capital of Mississippi. Jackson State’s nurturing academic environment challenges individuals to change lives through teaching, research and service. Officially designated as Mississippi’s Urban University, Jackson State continues to enhance the state, nation and world through economic development, technological, healthcare and educational initiatives. Jackson State is the only comprehensive public university in the metropolitan area.

• The College of Science, Engineering and Technology at JSU offers:
  – 4 Ph.D. degrees (Chemistry, Computational Data Enabled Science and Engineering, Engineering, and Environmental Science)
  – 12 M.S. degrees
  – 16 B.S. degrees

• The College of Business offers:
  – 1 Ph.D. in Business
  – 2 M.S. degrees (Professional Accountancy and Business Administration)
  – 7 B.S. degrees in Business Administration (Accounting, Business Administration, Economics, Entrepreneurship, Finance, Management, and Marketing)
Selected Past Performance


• Department of the Army - Prime Contractor: Jackson State University. Contract# W912HZ-10-C-0107 (High Performance Computational Design of Novel Materials)

• Department of the Army - Prime Contractor: ERDC. Contract# W912HZ-12-P-0087 (Numerical Water Quality and Contaminant Modeling)

• Department of the Army - Prime Contractor: Jackson State University. Contract# W912HZ-16-2-0021 (Biogeochemistry of Depleted Uranium In Rang Soils)


• NHLBI - Prime Contractor: Jackson State Contract#HHSN268201300049C (Jackson Heart Study Graduate Training and Education Center)/HHSN268201300050C (Jackson Heart Study Community Outreach Center)

Current NASA Activities

– Current Agreements:
  • Mentor-Protégé Program with DXC Technologies
  • Teaming Agreement with ManTech Advanced Systems International, Inc.
  • NASA MUREP

– Current NASA subcontracts:
  • NASA SPACE Grant Subaward (NNX15AH78H) – thru the Space Grant Consortium
  • NASA subcontract (NNX14AT60H)
  • NASA Innovations in Climate Education (NICE) Cooperative Agreement (NNX10AB49A)
  • NASA EPSCoR Project
Capabilities

- Data Analytics
- Artificial Intelligence
- Cybersecurity
- Computational and Data Enabled Science & Engineering
- Environmental Science and Engineering
- Geographic Information Systems and Remote Sensing
- High Performance Computing
- Computational Aerodynamics and Fluid Dynamics
- Nanoscale Science, Nanotechnology and Nanotoxicology
- Renewable Energy/Biofuels
- Ship Systems Engineering
- Unmanned Aerial Vehicles and Robotics
- Electromagnetics, and Power Systems
- EXTREEMS-QED Research
- Technology Transfer and Commercialization
- Public Health, Health Sciences, and Health Disparities
- Community Engagement and Community Outreach
- Public Policy, Program Development and Management
POINTS OF CONTACT

Dr. Joseph A. Whittaker
Associate Provost/Associate Vice President for Academic Affairs
Tel: 601-979-2008
Email: joseph.a.whittaker@jsums.edu

Dr. Almesha L. Campbell
Director, Technology Transfer and Commercialization
Tel: 601-979-1815
Email: almesha.l.campbell@jsums.edu

www.jsums.edu/research