Norfolk State University
Capability Statement

CORPORATE STRUCTURE

SACS Accredited Historically Black College/University (HBCU) with an associated 501c(3) foundation.

DUNS: 074754805

CAGE: 6Y311

Federal EIN No: 54-6002808

NAICS:

541330 – Engineering Services

541380 – Testing Laboratories

541511 – Custom Computer Programming Services

541512 – Computer Systems Design Services

541513 – Computer Facilities Management Services

541712 – Research/Development in the Physical, Engineering, and Life Sciences

541611 – Administrative Management/General Management Consulting Services

611310 – Colleges, Universities, and Professional Schools

611430 – Professional/Management Development Training

SIC: 8221 – Educational Services

Contact Information:

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Web: www.nsu.edu/sgsr/sponsored-programs/index

MISSION

Through exemplary teaching, scholarship, and outreach, Norfolk State University transforms lives and communities by empowering individuals to maximize their potential, creating life-long learners equipped to be engaged leaders and productive citizens. The university's vision is to be recognized nationally for its outstanding academic programs, innovative research, scholarship, and global outreach, advancing the transformative power of education to change lives and communities.

CORE COMPETENCIES

- Cybersecurity
- Visualization, Modeling and Simulations
- Information Assurance
- Synthesis and Investigation of Organic and Polymeric Materials for Electronic, Photonic, Magnetic, and Energy Applications
- Materials Science and Engineering
  - Optics, Plasmonics and Metamaterials
  - Nanomaterials and Nanotechnology
  - Advanced Functional Materials and Devices
  - Semiconductor Materials and Devices
- Creative Gaming and Simulation
- Crystal Growth
- Image and Signal Processing
- Security Pedagogy
- Stem Education
- Adoptive, Foster and Welfare Family Services

CENTERS OF EXCELLENCE

- Center for Materials Research (CMR)
- Information Assurance | Research, Education, Development Institute (IA-REDI)

RESEARCH CENTERS, GROUPS AND LABORATORIES

- Center for Biotechnology & Biomedical Sciences
- Hodge Center for Entrepreneurship
- Center for Strategic & Global Studies
- Micro and Nano Technology Center
- Creative Gaming and Simulation
- Nuclear & Particle Physics Group
- Rapid Response Robotic Telescope
- Center for Applied Research and Public Policy
- Center for Professional Development
- NSU Polymer Lab
- Neural Engineering Laboratory
- Thin Film Fabrication and Characterization Facility
- Laser Spectroscopy and Optical/Nonlinear Optical Characterization Facility
- Materials Characterization Laboratory
- Crystal Growth Laboratory
- Electron Spin Resonance Laboratory

PAST PERFORMANCE

- NNSA: K-20 Cybersecurity Workforce Pipeline Proposal
- AFRL: Center of Excellence in Cybersecurity
- NSF: Meta-PREM: Partnership for Research & Education in Materials: Partnership for Advanced Functional Metamaterials
- NASA: Development of In-vivo Neural Sensing Systems Based on Nano-Plasmonic Field Enhancement
- Virginia Department of Social Services: Community Resource, Adoptive, Foster and Welfare Professional and Family Training
- AFOSR: Metamaterials with Optical Gain and Volumetric Metamaterials Manufactured via Non-Lithographic Routes
- ARO: Building a Cloud Computing and Big Data Infrastructure for Cybersecurity Research and Education
- HRSA: Mental and Behavior Health Education and Training Program
- NASA: Optimal Neural Sensing Using a Micro-Spectrum
- DOE: Polarized Experiments with Electromagnetic Probes
- NSA: Information Assurance – Information Security
- NASA Stem Educator Professional Development