CAPABILITY STATEMENT

DUNS No: 06-532-5177

EIN No: 58-1825259

Cage Code: OMVF5

Clark Atlanta University (CAU) is a comprehensive, private, coeducational, four-year university established in 1988 by the consolidation of Atlanta University (1865) and Clark College (1869). The Carnegie Classification of Higher Education Institutions recognizes CAU as a doctoral, high research activity, R2 university. Accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACS COC), CAU offers its 3,911 students (FY18) 38 undergraduate and graduate study areas. CAU is home to the Center for Cancer Research and Therapeutic Development (A CAU Center of Excellence) and four other research centers. The Thomas W. Cole, Jr. Research Center for Science and Technology and the Environment Science and Engineering Research Building is home to 230,000 sq. ft. of research space, 80+ labs, and seven core facilities. Four patent applications are currently pending. In addition to being the largest collegiate institution in the Atlanta University Center Consortium, U.S. News and World Report 2019 edition of Best Colleges ranks CAU Tier 2 in National Universities and 15 among Historically Black Colleges and Universities (HBCUs).



CORE CAPABILITIES

Life Sciences

- Bioinformatics
- Biotechnology/Biology/Economics
- Cell Biology
- Genomics
- · Mental Health/Prevention
- Molecular Biology
- Prostate Cancer Research
- Proteomics
- Public Health
- Toxicology

Materials Science

- Biofuel/Energy
- Fabrication
- High-Performance Polymers and Composites Safety
- Nanoscale Materials
- Nanostructure Composites

Computer Science and Cyber-Physical Systems

- Computer Facilities Management Services
- Computer Systems Design Services
- · Cyber-Security
- · Design Services
- Multidimensional Signal Processing

Services

- Administrative Management/General Management Consulting Services
- Business Mentoring Multi-Dimensional Prototyping
- Custom Computing Programming Services
- Innovation and Design Thinking Courses and Workshops
- Professional/Management Development Training
- R&D in the Physical, Engineering, and Life Sciences
- Supply chain management & logistics
- Testing laboratories
- 3-D Printing and Prototyping

Mathematics & Physics

- Atomic and molecular theory
- · Condensed Matter
- · Image Processing Mathematical Physics Theory
- Low-Energy Scattering Theory
- Mathematical Physics/Applied Mathematics
- Solid-state Theory
- Statistics
- · Wavelet Analysis

Certificates, Registrations, Accreditations:SACSCOC, AACSB, CSWE, CACREP, NSPPAA,
NCATE, GAPSC

NAICS/SIC Codes

541380: Testing Laboratories

541511: Custom Computer Programming Services
541512: Computer Systems Design Services
541513: Computer Facilities Management Services
541611: Administrative Management/ General

Management Consulting Services **541715:** Research & Development in the Physical,

Engineering, and Life Sciences

541720: Research & Development in Social Sciences and

Humanities

611310: Colleges, Universities, and Professional Schools

611420: Computer Training

611430: Professional/Management Development Training

923110: Administration of Education Programs
923120: Administration of Public Health Programs
8732: Commercial Economic, Sociological, and

Educational Research

8733: Noncommercial Research Organizations



Research and Sponsored Programs

Lisa A. Wilson

Associate Vice President Research & Sponsored Programs 404-880-6136 dwilson@cau.edu

CAPABILITY STATEMENT

PAST PERFORMANCE

HHS-NIH-NIMHD

"Enhancement of Cancer Research at CAU" Dr. S. Khan Amount: \$10,648,806 Grant No. U54MD007590 7/30/19-02/29/24

HHS-NIH-NIMHD

"Center of Excellence for Prostate Cancer Research Education and Community Service" Dr. S. Khan Amount: \$6,305,245 Grant No. P20MD002285 9/5/12 – 12/31/18

HHS-SAMHSA

"HBCU Career Awareness, Recruitment and Engagement Services for Behavioral Health" Dr. L. Johnson Amount: \$1,804,697 Grant No. H79TI081017 9/30/18 – 9/29/23

HHS-NIH-NIGMS

"Research Initiative for Scientific Enhancement (RISE)" Dr. P. Musey Amount: \$4,468,608 Grant No. R25GM060414 6/1/13 – 5/31/21

HHS-NIH-NIA

"Molecular Mechanisms Underlying Initiation of Cell Growth in the Aging Prostate" Dr. Z. Wang Amount: \$462,000 Grant No. R15AG056867 9/1/18 – 8/31/21

DOD-ARMY-CDMRP

"Continuous AhR Activity Accelerates Prostate Cancer Progression in African American Men" Dr. J. Powell Amount: \$670,287 Grant No. W81XWH-17-1-0274 7/1/17 – 6/30/21

NSF-MCB

9/1/18 - 8/31/21

"Excellence in Research: A Crosstalk between the STK4/Hippo and NF-Kappa B Pathway in Mammalian Cells" Dr. B. Cinar Amount: \$499,511 Grant No. MCB-1832022

AFRL | Collaboration Program – Manufacturing Research

SUBCONTRACT from Clarkston Aerospace Corporation Dr. I. Khan Contract No: FA8650-13-C-5800; 16-S7700-01-C2 Amount: \$92,000 6/1/16 – 2/1/19

AFRL | Collaboration Program -Sensors Research

SUBCONTRACT from Clarkston Aerospace Corporation Dr. R. George Contract No: FA8650-13- C-5800:14-7700-02-C2 Amount: \$129,748 9/3/13-11/15/18

NASA | Proposal in Response to Civil Space-HBCU/ MI-2016

SUBCONTRACT from Lockheed Martin Space System Dr. E. Mintz
Contract No: NNJO6TA25C; 4400008221 (ID/IQ)
Amount: \$5,000,000
9/1/16 - 8/31/21

NASA | Composite Flexural and Shear Testing

Dr. E. Mintz Contract No: N80NSSC19P2235 Amount: \$10,451.76 9/18/19 – 10/31/20

Army | Spatio-Temporal Modeling of Population Migration In Geographical Information Systems An Afghanistan Case Study

Dr. R. George Contract No: W9132V-11-C-0005 Amount: \$55,000 7/11/11- 7/31/12

AF | Separation of Armchair SWNTS by Using Polymer Conformation Guided Assembly

SUBCONTRACT from University of Akron Dr. Xiao-Qian Wang Contract No: FA9550-10-1-0254; R8314-CAU R0785-G1

Amount: \$92,000 6/1/10-11/30/12

RESEARCH CENTERS

The Center for Cancer Research and Therapeutic Development (CCRTD) A CAU Center of Excellence

The Center for Innovation and Entrepreneurial Development (CIED)

The Center for Undergraduate Research and Creativity (CURC)

The Center for Electronic Materials & Photonics (CEMP)

Laboratory for Prototype Lithium-Air Batteries (ProLAB)



