



NASA's HBCU/MI Engagement Forum at **Johnson C. Smith University**

**AAMU-RISE
Foundation**
Sharon Brooks
Hodge



We Execute and Fulfill Contracts

The AAMU-RISE Foundation is the contracting entity for Alabama A&M University and leverages all research disciplines at the university.

Our areas of expertise include **defense, aerospace, cyber security, sustainable energy sources**, as well as **food production** and emerging **biotechnologies**.

We are capable of serving as either a prime or subcontractor to manufacture products or provide innovative services that the U.S. government must have.

About the AAMU-RISE Foundation

Core Competencies

TECHNOLOGY DEVELOPMENT & TRANSFER: Advanced and additive manufacturing, unmanned aircraft systems, Mach-5 wind tunnel, rating 1000 clean room, robotics, nanotechnology, microgravity research, renewable and green energy, sensors.

MATERIALS SCIENCE AND ENGINEERING:

Integrated circuit design and fabrication, crystal growth, large and small bandgap and piezoelectric materials, nonlinear optical materials.

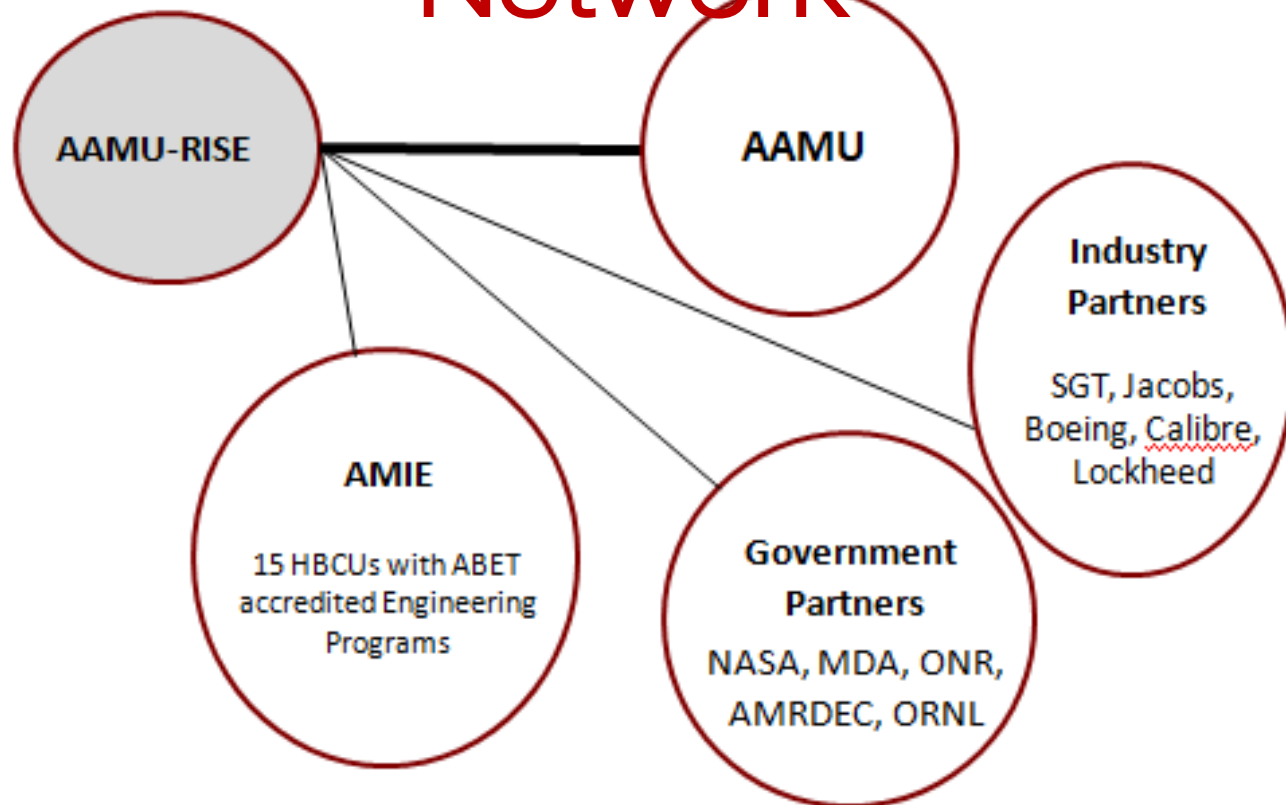
COMPUTER SCIENCE AND ANALYSIS: Image and signal processing, real-time embedded systems, cyber security, neural networks, modeling and simulation in biometrics, computational electromagnetics, computational fluid dynamics, finite element analysis.

BIOLOGY AND AGRICULTURE:

Biotechnology and genetic engineering, biofuels, chemical sensors, environmental research, food microbiology, food biotechnology, nutritional biochemistry, food engineering.

About the AAMU-RISE Foundation

The AAMU-RISE Foundation Network



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Past Performance

Organization	Contract Number	Prime Contract
Calibre MP support	L0148-15-139	W9113M-14-C-0033
SGT ISRDS2	SC15-00035	NNA14AA60C
Boeing MOKV	1155427	HQ0147-15-C-0014
Torch	T15S004	W31P4Q-09-A-0021, TO #9
MDA	HA0147-14-C-6002	HA0147-14-C-6002
Redlen	Service Agreement	
Jacobs ESSSA	ESSSA-068	NNM12AA41C
MEI	S-04263-13-0017	4263-030216-02
BNL	300178-Service Agreement	
Morningbird Media	NASA STTR	MBMC-001-A001

About the AAMU-RISE Foundation

Collaboration and Capacity Building



- Hosted SBIR/STTR Conference
- Developed the Knowledge Sharing Center
- Established partnership with AMIE.

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