# HBCU Computer Science Research Workshop

May31 & Jan 31

Hampton
University

HBCU Computer Science Faculty

## Meeting Goal(s):

- These workshops enabled HBCU computer science/computing faculty to collaborate and address the needs associated with broadening participation and create cross-institutional strategies to increase research outcomes and initiatives.
- Primary: Create collaborative grant proposals around common interest.

## Outcomes/Takeaways:

- First Workshop identified 6 areas of interest:
    - Presented a Booklet of 6 one page abstracts
- Second Workshop was a writing session, producing drafts as well as identifying where the grants will be submitted and deadline dates for submission; and next steps.
- Old and new collaborations were forged.

# HBCU Computer Science Research Workshop

## Meeting Goal(s):

- SHBCUs CS mentoring HBCUs CS
- Sharing expertise across HBCUs
- Increase growth in awarded grants in HBCUs.
- Increase the number of PIs at HBCUs
  - Not just Co-PI and Senior Personnel
- Increase the number of HBCU faculty receiving CISE awards.

## Outcomes/Takeaways:

- Next Steps
  - Each Team: Collectively refine and submit proposals to CISE.
  - Next Meeting provide final outcomes: Hopefully funded grants.
  - Sharing expertise across HBCUs
- Grants Topics
  - Training Program In-Service STEM Teachers.
  - Cyber Human Systems
  - Internet of Medical Wearable Devices
  - Data Science Curriculum in a BOX
  - Improving Student Retention in Undergraduate CS at HBCU through Robotics and Machine Learning