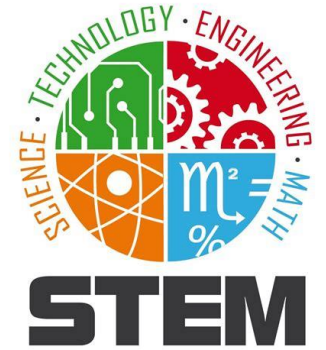


School of Science, Technology, Engineering, Mathematics



Burl Yearwood – Dean, STEM

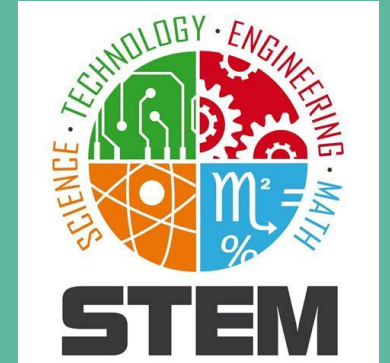
Fatma Tat – Coordinator, S-STEM program at HCCC

Fidelis Foda-Kahouo – Coordinator, B2B-NNJ program at HCCC

Board of Trustees
February 21st, 2023



S-STEM:

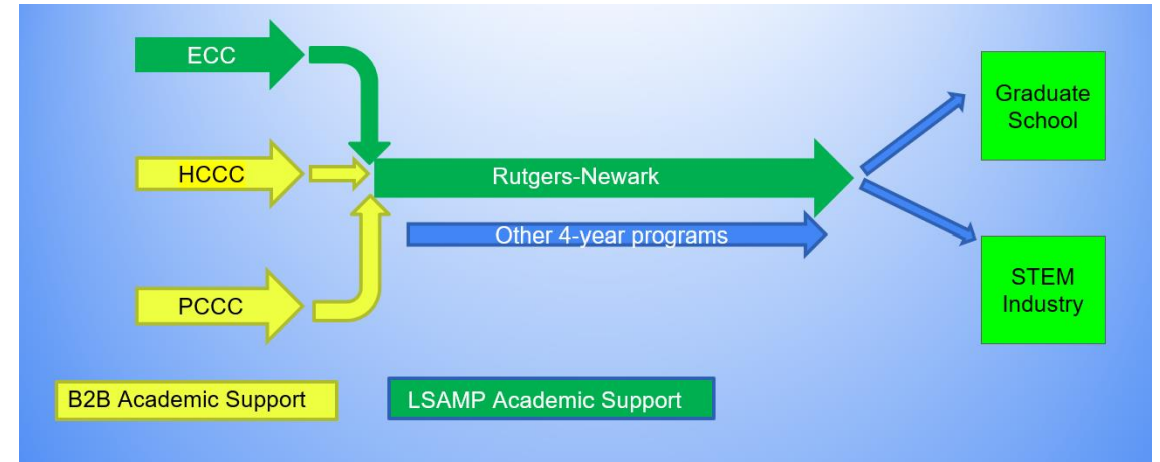


A sustainable Pathways from Community College
to Bachelor's Degree for Urban Youth in STEM



Goals of S-STEM Program

- **Goal 1:** Establish a system of scholarships and academic support for low-income, academically talented minority students in STEM with demonstrated financial need
- **Goal 2:** Build pipelines for S-STEM Scholars from community colleges to 4-year schools and from Baccalaureates to graduate study and careers
- **Goal 3:** Building and maintaining an S-STEM learning community both within and across alliance campuses



S-STEM Program Eligibility Criteria

- US Citizen or Green card holder
- Full-time student and must have completed at least one semester
- Minimum GPA of 3.50 in non-medical STEM field
- Underrepresented Minority
 - African American
 - American Indian or Alaska Native
 - Hispanic or Latino
 - Native Hawaiian or Pacific Islander
- Must be Pell Grant recipient
- Availability to participate in S-STEM activities

S-STEM Program Common Activities

Common activities for students:

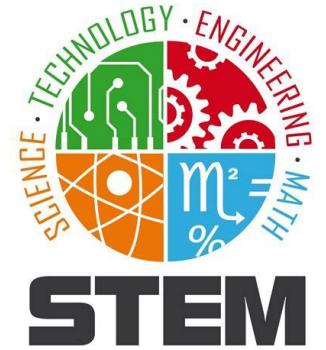
- Research experiences
- Cross-campus peer mentoring
- S-STEM Learning Communities
- Advising and Recruiting from site coordinator
- Rutgers University speaker series
- Louis Stokes Alliances for Minority Participation (LSAMP)/ Bridges to the Baccalaureate (B2B) related activities (Annual STEM Research Conference, Annual Transfer Fair, You got This Event etc.)

- **130 S-STEM scholarship awards (each award is \$2000) were provided to HCCC students from 2018 to present.**



Fidelis Foda-Kahouo

NNJ-B2B coordinator



Program Goals

To ensure the successful transfer of community college STEM students to 4-year institutions by:

- Building multiple bridges between students and the ranks of their 4-year counterparts
- Developing a larger cross-campus learning community built on:
 - Undergraduate research
 - Internships
 - 4-year faculty engagement
 - Cross-campus peer mentoring

Supporting Paid Campus Activities

- Speaker Series
- Conferences
- B2B Club Meetings
- Peer Mentoring and Tutoring
- Assistance in recruitment efforts
- Assistance in Labs and lectures

NNJ-B2B Eligibility Criteria

Must belong to a federally recognized Under – Represented Minority group (URM)

Must be a US citizen or Permanent Resident

Must be in a non- medical STEM major

Must have completed at least one semester

Must be a full-time student

- Federally recognized Under-Represented Minority Groups include:

- Black
- American Indian or Alaska Native
- Hispanic or Latino
- Native Hawaiian
- Pacific Islander

STEM Under-Represented Minority Transfer Rate

| | Total | Transferred to a 4-year institution | Transfer Rate |
|-----------------------------|-------|-------------------------------------|---------------|
| STEM URM Graduates, 2020-21 | 264 | 155 | 59% |
| URM | 151 | 92 | 61% |
| Non-URM | 113 | 63 | 56% |
| B2B Program | 19 | 19 | 100% |

NNJ-B2B Success Stories

Jakita Crawford: HCCC Class of 2021

Daniel Menendez: HCCC Class of 2022

THANK YOU!

QUESTIONS?

