

2022 AAAS HBCU Making and Innovation Showcase Orientation



INNOVATE



RESEARCH



TRANSFORM



The American Association for the Advancement of Science (AAAS)



Journals



Mission:

"advance science,
engineering, and innovation
throughout the world for the
benefit of all people."

Inclusive STEM Ecosystems for Equity & Diversity (ISEED)

AAAS Website

<https://www.aaas.org/>

Science Careers

<https://www.sciencemag.org/careers>

Enhancing HBCU Making and Innovation Capacity via an Inclusive Community of Practice



- Support HBCU students and faculty in making, innovation, entrepreneurship and invention efforts
 - AAAS HBCU Making & Innovation Showcase
 - Year-Long Virtual Monthly Engagements
 - E-Mentoring & Coaching
 - HBCU Making & Innovation Resources Toolkit



- HBCU-UP NSF Grant No. 2037362
- Website - <https://iie.aaas.org/about-aaas>
AAAS HBCU Making & Innovation Twitter: @AAASMaker
<https://twitter.com/aaasmaker>

AAAS HBCU Making & Innovation LinkedIn Page:
<https://www.linkedin.com/groups/8954208/>

AAAS Project Team



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THANK YOU



VENTUREWELL™
idea to impact

2022 AAAS HBCU Making and Innovation Showcase Sponsor

Impact and Engagement

2020 Innovation Showcase



2021 Showcase Cohort



2022 Showcase Cohort



- 241 HBCU students (125 male, 116 female)
- 83 HBCU faculty
- 32 HBCUs
- 12 of the 17 UNSDGs addressed
- Over 75 PD, mentoring and coaching sessions convened

The 2022 AAAS HBCU Making and Innovation Showcase

September 22 – 24, 2022

Washington, D.C.



2022 Theme

Building a Community of Practice to Advance Innovation and Sustainability at HBCUs



Showcase Agenda



Plenaries

- Thursday Opening Plenary & Reception: Joey Womack, Goodie Nation
Welcome Remarks – AAAS Leadership (Sudip Parikh, Chief Executive Officer, AAAS) & NSF Leadership (James L. Moore III, Assistant Director, Education & Human Resources Directorate, NSF), Remarks from VentureWell, 2022 Showcase Sponsor
- Friday Breakfast Plenary: Wanida Lewis, Crescendo Foods
AAAS Remarks – Travis York, Director, ISEED & Iris Wagstaff, Program Director, ISEED, Remarks from VentureWell, 2022 Showcase Sponsor
- Saturday Awards Plenary: Derrick Brent, Deputy Director, USPTO
Closing Remarks – Shirley Malcom, SEA Change Advisor, AAAS

Showcase Agenda



Thursday, September 22nd

6:00pm Orientation

7:00pm Opening Plenary & Reception

Showcase Agenda



Friday, September 23rd

- 8:00am Breakfast Plenary
- 9:30am Student & Faculty Session 1
- 11:00am Student & Faculty Session 2
- 12:30pm Working Lunch
- 2:00pm Student & Faculty Session 3
- 3:30pm Student & Faculty Session 4
- 4:30pm Faculty Evaluation Focus Group
- 5:00pm Student Showcase Pitch Final Practice

Showcase Agenda



Saturday, September 24th

- | | |
|---------|---------------------------------|
| 8:15am | Showcase Pitch Competition |
| 10:30am | Student Evaluation Focus Groups |
| 10:30am | Faculty Session #5 |
| 12:30pm | Awards Plenary Luncheon |
| 2:30pm | Adjourn |

2022 AAAS HBCU Making and Innovation Showcase

Safety Measures



- We will provide masks, sanitizer, and wipes at the Showcase.
- We would advise anyone who is feeling sick to inform us and to not attend our in-person events (stay in your hotel room)
- Bullet 2

2022 AAAS HBCU Making and Innovation Showcase

Table Assignments



- Students, Faculty, Speakers and Staff will have assigned tables that they will sit at for plenaries, student sessions, working lunch and Showcase pitch competition. There may be activities that you will be asked to move to different seating, however the majority of the sessions you will sit at your assigned table.
- Assigned Tables:
 - a. #1 – AAAS
 - b. #2 – AAAS HBCU Making and Innovation Advisory Board
 - c. #3 – 2022 Showcase Speakers
 - d. #4 – VentureWell
 - e. #5 – Philander Smith College
 - f. #6 – Lincoln University of Missouri & Morgan State University
 - g. #7 – Jackson State University & Morgan State University
 - h. #8 – North Carolina A&T University & Tuskegee University
 - i. #9 – Alabama A&M University & Bowie State University
 - j. #10 – 2022 Showcase Speakers

2022 AAAS HBCU Making and Innovation Showcase Survey Completion



- Completion of surveys following student and faculty sessions, and our overall Showcase survey are **mandatory!**
- Time will be given at the end of each session, and during our Awards Plenary to complete surveys.
- It is critical to obtain feedback from you on the Showcase and program, as it is reported back to our funder, the National Science Foundation (NSF), informs the direction of the future of the Showcase, and provides data on the impact of the Showcase and its participants.
- **THANK YOU** for your support of this very important task.

2022 AAAS HBCU Making and Innovation Showcase

New Opportunities



- Tomorrow, you will learn about fellowship and internship opportunities during our working lunch.
- A new opportunity was shared with us from the National Science Foundation
 - **NSF launches entrepreneurial fellowships for engineers and scientists**
 - <https://www.activate.org/apply>.
 - Deadline to apply: 11:59pm PST on October 31, 2022.

2022 AAAS HBCU Making and Innovation Showcase

Welcome – James Holley, Jr.



Assistant Professor of Mechanical Engineering and core faculty member within the Engineering Education Research program at the University of Michigan.

Follow us on Twitter: @AAASMaker
and
LinkedIn: AAAS HBCU Making and Innovation
#2022MakerShowcase

