

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

POLICY AND GLOBAL AFFAIRS DIVISION

Board on Higher Education and Workforce



VIRTUAL TOWN HALL AGENDA

Advancing STEM Equity Through Research-Based Education Practices

Webcast Live here: <https://bit.ly/32KU5Xy>

August 5, 2020 | 1:00 – 4:00PM ET

1:00-1:10P Welcome

Dr. Mark B. Rosenberg, *President, Florida International University*

PANEL SESSION 1

Cultivating a Campus Culture of Evidence-Based STEM Instruction

1:10-2:10P Overview: Moving Research into Practice

Dr. Laird H. Kramer, *Director of the STEM Transformation Institute & Professor of Physics*

Weaving STEM Education Research into Institutional Identity

Dr. Monique Ross, *Assistant Professor of Computer Science, College and Engineering and Computing, STEM Transformation Institute*

Administrative Leadership that Promotes Institutional Transformation

Dr. Elizabeth Bejar, *Senior Vice President of Academic and Student Affairs,*

Moderator:

Leanne Wells, *Director, Center for the Advancement of Teaching*

PANEL SESSION 2

Student Testimonials: The Salience of Asset and Equity-Based Perspectives and Practices

2:10-2:50P Moderator

Dr. Rocio Benabentos, *Associate Director, STEM Transformation Institute*

- Ingrid Lopez, *Undergraduate Student with Biology and Education majors and a Chemistry minor on a pre-med track*
- Ariana Bueno, *B.S. in Mechanical Engineering and Physics from Florida International University; 2nd year doctoral student in Applied Physics at the University of Michigan*

- Kieron Thomas, *B.S. in Marine Biology from Florida International University; Assistant Director of Academic Support Services, School of Integrated Sciences and Humanity*

PANEL SESSION 3
Partnerships as Drivers of Diversity, Equity, and Inclusion

2:50-3:50P **STEP Up: An Innovative Partnership to Bring Gender Equity to Physics**
Dr. Zahra Hazari, *Professor of Science Education, College of Arts, Sciences and Education, STEM Transformation Institute*

Informal Science Education Research Partnerships
Dr. Remy Dou, *Assistant Professor of Science Education, College of Arts, Sciences and Education, STEM Transformation Institute*

Best Practices for Equitable and Sustainable MSI Research Partnerships
Dr. Trina Fletcher, *Assistant Professor of Engineering Education, College of Engineering and Computing, STEM Transformation Institute*

Panel Moderator
Saif Y. Ishoof, Esq., *Vice President for Engagement*

3:50P **Closing Remarks**
Dr. Kenneth G. Furton, *Provost & Executive Vice President*

4:00P **ADJOURN**

This activity is co-hosted by the National Academies of Sciences, Engineering and Medicine and Florida International University, with the support of the Department of Defense HBCU/MI Program and the ECMC Foundation.

NOTES

- For more information on this event and partnering with the National Academies to host a town hall event please visit this webpage to get in touch:
<https://www.nationalacademies.org/our-work/closing-the-equity-gap-report-dissemination>
- This meeting will be livestreamed and archived for future viewing at the bit.ly link provided above, along with presentation materials.
- Public participants may submit questions for speakers online while viewing the webcast.
- For more information on FIU's STEM Transformation Institute please see here:
<https://stem.fiu.edu/>