

## **Integrating Equity and Intentional Culture in STEMM Education**

*American Association for Hispanics in Higher Education  
National Academies of Sciences, Engineering, and Medicine*

Dates: September 15-16, 2019

Location: Embassy Suites, San Marco, TX

(Greater Austin area accessible through the Austin and San Antonio Airports)

### **Day I: September 15, 2019**

Welcome Opening Remarks:

4:30 pm      **Check-in and Networking Begins**

5:30 pm      **Welcome & Opening Remarks:**

JoAnn Canales, AAHHE Chairwoman

Denise Trauth, President Texas State University, San Marcos

Tom Rudin, Director of the Board on Higher Education &

Workforce, National Academy of Sciences, Engineering & Medicine

**Dinner – Spring Lake Salon A**

6:15 pm      **Opening Plenary: A View of the Nation Academies Process, Tom Rudin (invited) Moderator**

Panel: 1) National Academy of Sciences – Science

2) National Academy of Sciences – Engineering

3) National Academy of Sciences – Medicine

4) Ford Fellow

5) Mirzayan Fellow

*Overarching theme for the session: “How did I get here?” Who are the National Academies, how do they work, and what was the path that each panelist took to get there*

- Welcome and thanks
- Lighting talks (4-6 minutes from each speaker) about what it is like to be a part of the National Academies from different perspectives including members of the National Academy of Sciences, the National Academy of Engineering, and the National Academy of Medicine as well as science policy fellowship recipients from various career stages.
- Brief Q&A

7:30 pm      **Closing remarks: Tom Rudin**

**Logistics: JoAnn Canales**

## Day II: September 16, 2019

7:00 – 8:15 am **Embassy Suites Complimentary Breakfast on your own**

### 8:30 am **Opening remarks – Spring Lake Salon A**

- Reflection on key themes from Day I
- Overview of Day II plan and goals
- 8:45am: **Opening Thoughts: A View from 30,000 Feet**  
*Overarching theme for the session: “Integrating Equity and Intentional Culture in STEMM Education” and how the National Academies’ reports align with that theme*
- Lighting talks about each of the following initiatives:
  - *Graduate STEM Education for the 21st Century* (Layne Scherer, Study Director, Program Officer, BHEW)
  - *Minority Serving Institutions: America’s Underutilized Resource for Strengthening the STEM Workforce* (Maria Lund Dahlberg, Program Officer, BHEW)
  - *Sexual Harassment of Women: Climate, Culture, and Consequences in Academic Sciences, Engineering, and Medicine* (Lisa Garcia Bedolla, Committee member, Professor, Graduate School of Education, UC-Berkley—invited)
- Brief Q&A

### 9:15 am **Candid Conversations I**

- Five co-facilitated sessions organized by career-stage affinity group, such as:
  - graduate students – Room: Chautauqua Salon A
  - postdoctoral researchers – Room: Chautauqua Salon B
  - early career professors – Room: San Marcos River Salon A
  - mid-career professors – Room: San Marcos River Salon B
  - administrators – Room: Spring Lake Salon A
- Focus for these sessions is to provide peer-to-peer conversation around the key crosscutting themes
- **Participants leave with a plan for how to engage. The plan will include 4 types of goals: Personal, Professional, Networking, and Paying Forward**

10:30 am **Mingle break over coffee and moderate refreshments**

### 11:00 am **Candid Conversation II**

- Three co-facilitated sessions organized by key themes around each report.  
Room: Chautauqua Salon A  
Room: Chautauqua Salon B

Room: San Marcos River Salon A

- Focus for this session is to provide opportunities for focused, deep-dive discussions into a set of issues.
- **Participants leave with strategies for addressing the key themes in each report.**

12:30 pm      **Lunch – Spring Lake Salon A**

1:30 pm      **Reflections from Candid Conversations**  
Facilitators will share key takeaways from the Candid Conversations I and II

2:15 pm      **Reflection and Response from the AAHHE Community**  
Moderated panel featuring individuals from different institutions and career stages who will provide 10 minutes of remarks reflecting on the key themes from the reports from their personal perspectives.

3:15 pm      **Fireside Chat: A Vision of STEMM Education 2037**  
A synthesis conversation covering the major issues from Day I and Day II, including overarching themes, key actions suggested, and a vision for STEM education in 2037. What do we—the participants of this event—hope to accomplish for the next generation? How can the current generation of students work with the National Academies—and push them forward?

4:00 pm      **Closing remarks and thanks**

4:15 pm      **Adjourn**