



NATIONAL ACADEMY OF ENGINEERING

Connecting Efforts to Support Minorities in Engineering Education Workshop Virtual Agenda

All times US Eastern Daylight Time (UTC-04:00)

Friday, March 18, 2022

10:30 am	Platform Opens
11:00 am	Welcome Remarks <ul style="list-style-type: none">○ <i>John Anderson</i>, President, National Academy of Engineering○ <i>Lorelle Espinosa</i>, Alfred P. Sloan Foundation○ <i>Percy Pierre</i>, NAE Presidential Racial Justice & Equity Committee Chair○ <i>Gary May</i>, Committee Co-Chair
11:30 am	Opening Keynote: Transitions, Pathways, and Leverage Points for Engineers of Color <ul style="list-style-type: none">○ <i>Karl Reid</i>, Senior Vice Provost and Chief Inclusion Officer, Northeastern University
12:00 pm	Q&A with speaker, followed by discussions at tables Moderator: <i>Percy Pierre</i>
12:20 pm	Break (stay at tables, turn off cameras and mikes)
12:25 pm	Panel: Sponsors of Programs for Minority Engineers (focusing on collaborations and transition points) <ul style="list-style-type: none">○ <i>Lorelle Espinosa</i>, Program Director, Alfred P. Sloan Foundation○ <i>Rosalind Hudnell</i>, Ret. Chief Diversity Officer & President, Intel Foundation○ <i>Christine Grant</i>, Program Director, National Science Foundation Moderator: <i>Eric Ducharme</i>
1:25 pm	Break (move to Collaboration room)
1:30 pm	Structured Networking
2:30 pm	Wrap-up Remarks: <i>Gary May</i> , Committee Co-Chair (Platform remains open; encourage all attendees to begin conversations about potential collaborations)
3:00 pm	Platform Closes

Between Day 1 and Day 2:

- Encourage attendees to contribute to discussion board. Report out on new and developing collaborations.

Wednesday, March 30, 2022

10:30 am	Platform Opens
11:00 am	Welcome Back, Recap Day 1 and Goals for Day 2 <ul style="list-style-type: none"> ○ <i>Eric Ducharme</i>, Committee Co-Chair
11:10 am	Roadmap of Existing Programs Supporting Students of Color in Engineering Pathways <ul style="list-style-type: none"> ○ <i>Carmen Sidbury</i>, Senior Director Research & Development, NACME
11:30 am	Q/A with speaker Moderator: <i>Shayna Begay</i>
11:40 am	Break
11:45 am	<p>Panel: Existing Collaborations/Programs Along Educational Pathways (focus on what works and what doesn't work); K-16 Education and Transitions. [Each speaker gives a 10-minute presentation, followed by Q&A with each other and audience]</p> <p>Programs that address out-of-school-time learning, K-12 classrooms, and/or K-12 teacher learning</p> <ul style="list-style-type: none"> ○ <i>Michelle Reaves</i>, Executive Director, DAPCEP <p>Programs that address transitions from K-12 to undergraduate education</p> <ul style="list-style-type: none"> ○ <i>Christine Foreman</i>, Professor and Associate Dean, Montana State University <p>Programs that address transitions from community college to 4-year programs</p> <ul style="list-style-type: none"> ○ <i>Bruk Berhane</i>, Assistant Professor and Undergraduate Program Director, Florida International University <p>Programs to support retention in undergraduate engineering</p> <ul style="list-style-type: none"> ○ <i>Bimal Nepal</i>, Professor, Texas A&M University <p>Moderator: <i>Gabe Najera</i></p>
12:45 pm	Break
12:50 pm	<p>Panel: Existing Collaborations/Programs Along Educational Pathways (focus on what works and what doesn't work); Undergraduate to Graduate Education and beyond. [Each speaker gives a 10-minute presentation, followed by Q&A with each other and audience]</p> <p>Programs that address decision-making and transition from undergrad to graduate school</p> <ul style="list-style-type: none"> ○ <i>Sandra Begay</i>, Principal Technical Staff Member, Sandia National Lab ○ <i>Brennon Marcano</i>, Chief Executive Officer, The National GEM Consortium <p>Programs that address graduate school retention</p> <ul style="list-style-type: none"> ○ <i>Steven Crossley</i>, Associate Professor, The University of Oklahoma <p>Programs that address faculty development/mentoring</p> <ul style="list-style-type: none"> ○ <i>JoAnn Lighty</i>, Dean, Boise State University <p>Moderator: <i>Adrienne Smith</i></p>
1:50 pm	Break

2:00 pm	Move to breakout discussions: questions to be listed on whiteboards, get people discussing their own programs, collaborations, etc.
2:30 pm	Report back from breakouts
2:45 pm	Wrap-up Remarks: <i>Eric Ducharme</i> , Committee Co-Chair (Platform remains open; encourage all attendees to begin conversations about potential collaborations)
3:30 pm	Platform Closes

Between Day 2 and Day 3:

- Encourage attendees to contribute to discussion board. Report out on new and developing collaborations.

Wednesday, April 20, 2022

10:30 am	Platform Opens
11:00 am	Welcome Back, Recap Day 2 and Goals for Day 3 - <i>Eric Ducharme</i> , Committee Co-Chair
11:15 am	Panel: How to best use advances in information technology to share information about programs and participating students? What does it mean to have the IT infrastructure/capacity to share data across organizations/systems? For funders, what does it mean to invest in this type of infrastructure? What are legal, policy, and technical issues associated with data collection and sharing? [Each speaker gives a 10-minute presentation, followed by Q&A with each other and audience] <ul style="list-style-type: none"> o <i>Afet Dundar</i>, Director, Equity in Research and Data Analytics, National Student Clearinghouse Research Center o <i>Claus von Zastrow</i>, Senior Policy Director, Education Commission of the States o <i>Louis Soares</i>, Chief Learning and Innovation Officer, American Council on Education Moderator: <i>Isabel Cardenas-Navia</i>
12:15 pm	Break – move to breakout discussions
12:30 pm	Breakout discussions (should have found potential collaborators) Given the challenges raised in the panel discussions, how should organizations use data science/IT to support students through their educational pathways?
12:50 pm	Report back
1:10 pm	Break – move to Auditorium

1:15 pm	<p>Panel: What existing collaborations between MSIs and PWIs have been very successful and what made them successful? What collaborations have been unsuccessful and why were they unsuccessful? [Each speaker gives a 10-minute presentation, followed by Q&A with each other and audience]</p> <ul style="list-style-type: none"> ○ <i>Felicia Benton-Johnson</i>, Assistant Dean and Director, Georgia Tech ○ <i>Maria Calhoun</i>, Associate Professor, Tuskegee University ○ <i>Michael Dennin</i>, Professor and Vice Provost, University of California-Irvine ○ <i>Tirupalavanam Ganesh</i>, Professor and Assistant Dean, Arizona State University ○ <i>Shernita Lee</i>, Assistant Dean and Director, Virginia Tech <p>Moderator: <i>Pamela Obiomon</i></p>
2:30 pm	<p>Wrap up: Recap discussions and future goals</p> <ul style="list-style-type: none"> - <i>Gary May</i>, Committee Co-Chair
2:45 pm	<p>Adjourn – platform stays open to allow for further conversations if needed; encourage groups to meet together to begin drafting proposals for the mini-grants</p>
3:30 pm	<p>Platform Closes</p>