

**Summary**  
**STEM EDUCATION ADVISORY PANEL**  
**Committee Meeting**

Wednesday, 12 September 2018  
National Science Foundation

**Advisory Committee members present:** Vince M. Bertram, Douglas H. Clements, Lizanne Destefano, Arthur Eisenkraft, David Evans, Gabriela González, Jacqueline Huntoon, Aimee Kennedy, Laurie Leshin, Robert Mathieu, Ray Mellado, Ioannis Miaoulis, K. Renae Pullen, Larry Robinson, Kimberly Scott, Robert Semper, William (Yslas) Velez, Bruce Wellman

**8:00 – 8:30 am Welcome:** Gabriela A. González, STEM Education Advisory Panel Chair  
David Evans, STEM Education Advisory Panel Co-Chair  
France A. Cordova, NSF Director, Co-STEM Co-Chair  
Jim Bridenstine, NASA Administrator, Co-STEM Co-Chair

The inaugural STEM Education Advisory meeting was called to order by Gabriela A. González, STEM Education Advisory Panel Chair and David Evans, STEM Education Advisory Panel Vice Chair. Additional welcome remarks were made by National Science Foundation Director France A Cordova and NASA Administrator Jim Bridenstine. The speakers remarked on the breadth of knowledge and perspectives on the panel. They were especially appreciative of the inclusion of teachers on the panel. Dr. Cordova briefly explained the origin and scope of work of the panel while Mr. Bridenstine reiterated the panel's importance in STEM and STEM education.\*

**9:00 am – 3:00 pm CLOSED MEETING**

**3:15 – 4:15 pm STEM Education Advisory Panel Agenda for the Year**

The panel reassembled to discuss various areas to work on throughout the year. In addition, the group would like more information on what criteria and methods are used to evaluate Federal STEM activities. The COMPETES Act has a requirement to track participants from underrepresented groups, but the panel was more concerned about what that data would inform in order to make an impact on increasing diversity, inclusions and the persistence of underrepresented groups in STEM. During the meeting, Director Córdoba relayed an idea around creating a repository of information and/or resources available to all stakeholders. The group proposed forming sub-groups to work on various STEM education areas:

1. Criteria, Methodology, and Case Studies on the effectiveness of STEM programs. This information would create criteria to assess the progress of CO-STEM in particular the effectiveness of federal programs.
2. Assessment on diversity, inclusion, and persistence in STEM
3. Best practices and a plan for Dissemination. The group will explore definitions around best practices and mechanisms to disseminate this to all stakeholders.

**4::15 – 4:30 Closing Remarks**

STEM Education Advisory Panel Chair, Gabriela A. González, closed the meeting by thanking the panel for the efforts and contributions to the day.

\*Bridenstine was scheduled to speak last during the open session in the morning but was slightly delayed. He provided his remarks immediately after the session closed.