

STEAM

Building a STEAM – CTE Workforce of the Future

Program Schedule

Registration & Lunch

Welcome and General Introductions

Thomas Dorame – V.P. Washington Operations
Space Foundation

Remarks by

Representative Suzanne Bonamici (D-OR)

Panel Discussion

Panel Moderator: Lauren Allen
D.C. Office of the State Superintendent of Education (OSSE)

Comments by

Dr. Michael Feder
Program Director, Diversity, Equity, Inclusion Unit – AAAS

Lorelle Espinosa
Vice President, Research – American Council on Education

Bryan DeBates
Vice President, Education – Space Foundation

Maria Dalhberg
Co-Project Director, Promotion and Advancement of STEMM –
The National Academies of Sciences

Q&A Session

Remarks by

Representative James Langevin (D-RI)



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Lorelle Espinosa is the vice president for research at the American Council on Education (ACE), responsible for developing the organization's thought leadership and research agenda. With more than 20 years of experience in higher education practice, policy, and research, Espinosa is a national voice on issues pertaining to college access, success for diverse populations and equity-minded leadership in postsecondary settings. Espinosa is co-chair of the National Academies study committee, "Closing the Equity Gap: Revitalizing STEM Education and Workforce Readiness Programs in the Nation's Minority-Serving Institutions."



Dr. Michael Feder is Program Director in the STEM Education unit at AAAS, managing the Invention Ambassadors Program and SEA Change. Dr. Feder is known for his leadership of the White House's Committee on STEM Education, which resulted in the 5-year federal strategic plan. Previously, his work with NASEM spanned formal, informal, K-12, and college STEM education. At Battelle he managed a consortium of 21 statewide STEM education organizations, providing strategic opportunities for the network to address grand challenges in STEM through shared solutions and collaborative initiatives.



Bryan DeBates oversees the development and implementation of the Space Foundation's global education programs that support STEAM education including its innovative "Immersive Education" programs: the Junior Space Entrepreneur Program and Space Foundation University. DeBates has been honored for his contributions through numerous awards - the 2018 recipient of the Millicent M. Atkins School of Education Distinguished Alumnus Award by Northern State University, Aberdeen, South Dakota, Frank J. Malina Astronautics Medal, presented by the International Astronautical Federation.



Maria Dahlberg is the study director for the Consensus Study on the *Science on Effective Mentoring in STEMM* for the National Academies of Sciences, Engineering, and Medicine, and a program officer with the Board on Higher Education and Workforce (BHEW) and the Committee on Women in Science, Engineering, and Medicine (CWSEM). Her work with the National Academies spans topics ranging from equity, inclusion, and diversity in science, through science communications, to postdoctoral research experiences, health care, and innovation ecosystems.



Lauren Allen is currently a Management Analyst, STEM Instruction in the Division of Teaching and Learning at the Office of the State Superintendent of Education (OSSE). In her role, she supports STEM professional development, partnerships, curriculum, and enrichment throughout the district. Lauren has served as co-anchor for the STEM schools and working groups for the DC STEM Network. Lauren has also served with the National Science Teachers Association (NSTA) on the Urban Science Education Advisory Board as STEM Integration Coordinator in the Office of Teaching and Learning at DC Public Schools and taught middle school science in DC.