

Speaker Bios

Diversity Meeting #5

June 8, 2021

Ping Ge is Director of the Office of Workforce Development for Teachers and Scientists (WDTS) under the Office of Science at the U.S. Department of Energy. Dr. Ping Ge has over 10 years of experience managing STEM workforce training programs and activities in the federal government. Before joining DOE, Dr. Ge was a program director in the Education and Human Resource Directorate at the National Science Foundation. Dr. Ge formerly served on the faculty of Engineering at Oregon State University. She received her B.S. and M.S. in Automotive Engineering from Tsinghua University, Beijing, P. R. China, and her Ph.D. in Mechanical Engineering from the University of Southern California under a Powell Doctorate Merit Fellowship. Dr. Ge is an active member of the American Society of Mechanical Engineers (ASME) and the American Society of Engineering Educators (ASEE).

Louisa Koch is Director of the Office of Education at the National Oceanic and Atmospheric Administration (NOAA), which educates and inspires the public and future workforce about the Earth System working with NOAA's amazing array of people, partners, places and information. Ms. Koch also serves as NOAA's National Team for Regional Collaboration, helping to address complex, place-based challenges that require interdisciplinary approaches and regionally tailored solutions. Ms. Koch served as NOAA's acting Deputy Under Secretary and Deputy Assistant Administrator for Research. Prior to joining NOAA, Ms. Koch worked at the Office of Management and Budget, the Department of Defense and the Joint Economic Committee of the U.S. Congress. Ms. Koch earned a Master's in Electrical Engineering from the Massachusetts Institute of Technology and a Bachelor's in Physics from Middlebury College.

Victor R. McCrary is Vice Chair of the National Science Board (NSB) which oversees the National Science Foundation, and Vice President for Research and Graduate Programs at the University of the District of Columbia, leading the growth, development, direction and oversight of the University's research enterprise. He has held similar research leadership positions at the Johns Hopkins University Applied Physics Laboratory, Morgan State University, and the University of Tennessee. Dr. McCrary served two terms as the national president of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCHE). He is a Fellow of the American Chemical Society. Dr. McCrary has authored and co-authored more than 60 technical papers and co-edited two books during his career at AT&T Bell Laboratories and the National Institute of Standards and Technology (NIST). He has received numerous honors and awards including: co-recipient of the U.S. Department of Commerce's *Gold Medal in 2000* for the development of the first global electronic book industry standards, and the *2002 Percy Julian Award* by the National Organization of Black Chemists and Chemical Engineers. In 2011, he was honored as *Scientist of the Year* by the Annual Black Engineer of the Year Award (BEYA) STEM Conference. As Vice Chair of the NSB, he chaired a task force which

recently produced the report, *“The Skilled Technical Working: Crafting America’s Science and Engineering Enterprise”*. Dr. McCrary received his doctoral degree in chemistry from Howard University, a master’s degree in engineering from the University of Pennsylvania, and a bachelor’s degree in chemistry from The Catholic University of America.