

Leading Practices for Improving Accessibility and Inclusion in Field and Laboratory Science: A Conversation Series (Conversation # 2): Keynotes and Panelists

Dr. Theresa Edelman, *Keynote*

Dr. Theresa Edelman earned her Ph.D. from the University of Minnesota in the Molecular, Cellular, Developmental Biology and Genetics program, and is currently Co-PI of the S-STEM mentorship program and biology instructor at Minneapolis Technical & Community College. Dr. Edelman, born with Achondroplasia dwarfism, is a disability self-advocate and parent-advocate. She has worked to bring anti-ableism training to the MN State Colleges & University system and is participating in the 2021-2022 MN Partners in Policymaking disability leadership training program.

Dr. Brad Duerstock, *Keynote*

Dr. Bradley Duerstock is a Professor of Practice in the Weldon School of Biomedical Engineering and School of Industrial Engineering at Purdue University. He has courtesy appointments in the Department of Basic Medical Sciences in the College of Veterinary Medicine and Department of Health and Kinesiology in the College of Health and Human Sciences. He has published numerous publications on overcoming functional impairments and challenges to inclusion faced by those with disabilities. He co-authored and co-edited the publication, *From College to Careers: Fostering Inclusion of Persons with Disabilities in STEM* published by Science/AAAS in 2014. In 2010 he received the NIH Director's Pathfinder Award to advance the active participation of persons with disabilities in STEM higher education by establishing the Institute for Accessible Science or IAS. He has served on several advisory boards focused on improving STEM inclusion, such as the Committee on Opportunities in Science for AAAS and the Gregory S. Fehribach Center through Eskenazi Health.

Dr. Nils Hakansson, *Panelist*

Dr. Nils Hakansson is currently an Associate Professor and the Graduate Coordinator for the Department of Biomedical Engineering at Wichita State University. His research interest lies in the field of musculoskeletal biomechanics, with a research emphasis on human movement under conditions of health and disease. Nils' approach is motivated by promoting diversity (particularly as it pertains to removing barriers for people with disabilities) and directed toward generating knowledge of the neuromusculoskeletal roles in generating movements associated with activities of daily living (e.g., reaching, rolling over) to provide a framework to identify, understand, and ultimately solve problems that may prevent an individual from performing these movements.

Dr. Bonnie K. Swenor, *Panelist*

Dr. Swenor is an associate professor at Johns Hopkins School of Nursing and has joint appointments at the Johns Hopkins School of Medicine Wilmer Eye Institute and in the Department of Epidemiology at the Johns Hopkins Bloomberg School of Public Health. She is the founder and director of the Johns Hopkins Disability Health Research Center, which addresses health inequities for people with disabilities through research, education, and policy. This includes a focus on ensuring people with disabilities have equitable access to higher education and addressing gaps in disability inclusion across STEM.