

International Summit for Inclusion, Diversity & Equity

Thursday, July 8, 2021

Presented by the EFMLS Diversity Program Office of the EFMLS Change Management & Leadership Council
Diversity@EFMLS.org



Dr. Lisa D. White is Director of Education at the Museum of Paleontology at the University of California, Berkeley. Past positions held during a 22-year career at San Francisco State University include Professor of Geosciences, Geosciences Department Chair, Associate Dean of the Graduate Division, and Associate Dean of the College of Science and Engineering. Lisa has extensive experience with science education programs for underrepresented students and she leads multiple efforts to increase diversity in the geosciences. A micropaleontologist by training and Fellow of the California Academy of Sciences and the Geological Society of America, Lisa was the inaugural recipient of the GSA Bromery Award for Minorities, an honor bestowed upon a geoscientist who has been instrumental in opening the geoscience field to diverse communities. As Chair of the American Geophysical Union Diversity and Inclusion Advisory Committee, Lisa works to create a culture that embraces diversity and inclusiveness in the Earth and space sciences. As the education director at the UC Museum of Paleontology, she develops and disseminates learning materials on evolution and the fossil record, virtual geological field trip experiences, and the nature and process of science. Lisa holds degrees from San Francisco State University (B.A. in Geology) and the University of California at Santa Cruz (Ph.D. in Earth Sciences).



Dr. Stokes discussing basin and range geology with high school students attending Sky School — an interdisciplinary STEM program for immersive learning — on Mt. Lemmon in Tucson, AZ.

Dr. Phil Stokes is the Executive Director of the Penn Dixie Fossil Park & Nature Reserve in Hamburg, NY. Download his [full CV here](#). Prior to working for Big Fossil, Dr. Stokes served as instructor, research associate, academic advisor, and community outreach coordinator in the Department of Geosciences at the University of Arizona — a top 10 Geology program — while pursuing his PhD. His 2016 dissertation, [Diversity in Geoscience: Critical Incidents and Factors Affecting Choice of Major](#), used social and behavioral science to look at the factors behind underrepresentation in STEM fields, and in particular geology. Dr. Stokes has coordinated four multi-year National Science Foundation projects: three at the University of Arizona (including [SAGUARO](#)) and one at SUNY Buffalo, where he earned his B.S. (2004) and M.S. (2007) degrees in Geological Science. His thesis work used ground penetrating radar to search for mastodon bones and to map glacially deposited units at the [Ice Age Hiscock Site](#) near Rochester, NY. In his spare time, he plays guitar and ukulele, travels, and brings a telescope to music festivals for late night stargazing.



Boss Bio:

Stephen K. Boss holds a B.S. magna cum laude in geology from Bemidji State University, an M.S. in geology from Utah State University, and a Ph.D. in marine sciences from the University of North Carolina-Chapel Hill. From 2002-2015, he served as director of the interdisciplinary doctoral program in Environmental Dynamics at the University of Arkansas. Boss was the architect of sustainability curricula at the University of Arkansas and from 2010-2015 also served as director of Sustainability Academic Programs. He considers himself an interdisciplinary scientist and has ongoing research interests in natural resource dynamics, global agriculture, global fisheries, and equity and inclusion in the geosciences.

Tyler Spano is a Nuclear Security Scientist at Oak Ridge National Laboratory and serves as the Mineralogical Society of America (MSA) Diversity, Equity, and Inclusion (DEI) Committee Chair. Her research focuses on synthesis and structure-property relations of uranium oxide and oxysalt minerals and inorganic phases. She received her PhD. in 2018 from the University of Notre Dame.

