

## Brief biography – Maureen D. Long, Yale University

Maureen Long holds a B.S. in Geology from Rensselaer Polytechnic Institute and a Ph.D. in Geophysics from the Massachusetts Institute of Technology. She was a postdoctoral researcher at the Department of Terrestrial Magnetism (now the Earth and Planets Laboratory) at the Carnegie Institution for Science in Washington, DC. She joined the faculty of Yale University as an assistant professor in 2009 and is currently the Bruce D. Alexander '65 Professor of Earth and Planetary Sciences at Yale. She has served as Chair of the Earth and Planetary Sciences department since 2021. Her scholarly expertise is in the areas of observational seismology and solid Earth geophysics. Prof. Long works on a variety of problems related to the study of the Earth's interior, including subduction zone dynamics and processes, the structure and evolution of continental lithosphere, and the structure and dynamics of the core-mantle boundary region. She is the author of over 125 peer-reviewed papers in these areas and has attracted over \$3.3 million in federal funding for her research agenda. She maintains an active program of field-based research, leading deployments of seismic instrumentation in regions that include the Pacific Northwest U.S., the Peruvian Andes, the central Appalachian Mountains, New England, Newfoundland, and the western Atlantic Ocean.

Prof. Long has held several editorial positions for scientific journals, including Editor of *Geochemistry*, *Geophysics*, *Geosystems* and Associate Editor of *Journal of Geophysical Research – Solid Earth*. She has served on the U.S. Scientific Earthquake Studies Advisory Committee, the Advanced National Seismic System Steering Committee (as Chair), the GeoPRISMS Steering and Oversight Committee, and on multiple National Science Foundation (NSF) and U.S. Geological Survey (USGS) panels. She served as Chair of the 2023 Interior of the Earth Gordon Research Conference. Prof. Long has been honored as an Alfred P. Sloan Research Fellow, a Kavli Frontiers of Science Fellow, an NSF CAREER awardee, a Blavatnik National Awards for Young Scientists finalist, and an EarthScope Distinguished Speaker. She is a recipient of the James B. Macelwane Medal of the American Geophysical Union (AGU) and is an AGU Fellow.

Prof. Long has strong interests in graduate and undergraduate teaching and advising, public education and outreach, mentoring students and early-career researchers, and cultivating an inclusive culture in science. Her teaching portfolio at Yale includes courses on natural disasters, forensic geoscience, and the fundamentals of seismology. She has served as a research advisor and mentor to dozens of graduate and undergraduate students and is a recipient of the Graduate Mentor Award from the Yale Graduate School of Arts and Sciences. She established the Field Experiences for Science Teachers (FEST) program at Yale to provide one-week field seismology experiences for high school science teachers. She frequently speaks to the public and to the media about earthquakes and deep Earth research. She was a Yale Faculty of Arts and Sciences Dean's Leadership Fellow and a Fellow of the Institute for Inquiry, Equity, and Leadership in the Academic Department, an initiative of the Ivy+ Faculty Advancement Network.