



Guest Biographies

MATTHEW JULL, Ph.D., is an Assistant Professor of Architecture at the University of Virginia (UVA) School of Architecture and founder and co-Director of the Arctic Design Group (ADG), a design research platform founded with Landscape Urbanist and Assistant Professor Leena Cho at UVA in 2012. With a background in geophysics and architecture, his research explores the potentials of architecture and urban design within the frame of extreme environments and the increasing friction between the built environment and the forces that shape our planet. Funded by grants from the National Science Foundation, the Jefferson Trust, the Graham Foundation, the Rotch Foundation, the UVA Environmental Resilience Institute, the Center for Global Inquiry and Innovation, and the Anchorage Museum, his work with the ADG has been focused on developing design strategies for buildings, cities, and landscapes in the rapidly changing Arctic region. In addition to research collaborations spanning the Arctic, the ADG teaches travelling design studios, seminars, and workshops, and has been featured in publications, exhibitions, symposia, and lectures in the U.S., Russia, Canada, Norway, Iceland, and Finland. Jull received his M.Arch. from Harvard University's Graduate School of Design and his Ph.D. from Cambridge University; prior to joining UVA, he was an architect at the Pritzker prize winning design practice of Rem Koolhaas/OMA in Rotterdam, NL.

W. BERRY LYONS, Ph.D., and his research group currently conduct research on four specific topics: 1. the biogeochemistry of Antarctic terrestrial/aquatic ecosystems and how they response to climate change, 2. the interactions and rates of chemical weathering, erosion/sediment transport and carbon dynamics, especially in small, mountainous watersheds, 3. the impact of urbanization, suburbanization and agricultural activities on water quality, and 4. the geochemical dynamics of carbon in agricultural landscapes. He is a Fellow of GSA, AAAS and AGU. He recently stepped down as the lead investigator of the McMurdo Dry Valleys Long Term Ecological Research program, one of the two Antarctic LTER sites funded by the National Science Foundation. He is a US representative on the Geosciences Scientific Group of the Scientific Committee for Antarctic Research (SCAR), and a former Director of the Byrd Polar Research Center at OSU. He is an associate editor for Chemical Geology and Applied Geochemistry, and a member of AGU's Book Board. He is the chair of the NSF Advisory Committee for Polar Programs.