2022 Distinguished Scientist Seminar

MBL ECOSYSTEMS CENTER, WOODS HOLE, MA

Dr. Morris Johnson
Research Fire Ecologist
US Forest Service
Pacific Northwest Research Station, Pacific Wildland Fire Sciences Laboratory

September 30 — 3:00 PM, Speck Auditorium, MBL

Wildfires are becoming more frequent and severe across the western U.S. and worldwide. Combining science with management is essential to understanding how best to manage forest structure and wildfire behavior and to influence the trajectory of future wildfire hazards. Working in several interdisciplinary teams of federal and tribal forest w ! d tiantsrs afeiim (howve t s an rSw

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MBL E C , W H , MA

Dr. Timothy Ford

Chair, Professor, Associate Director for the Center for Pathogen Research and Training
University of Massachusetts Lowell

October 21st— 3:00 PM, Speck Auditorium, MBL

Born and educated in the UK, Timothy Ford earned his B.S. in Biochemistry at the University of Sessex, and his Ph.D. in Aquatic Microbiology at Bangor University. He did his postdoctoral training at Harvard University before taking a faculty appointment at the Harvard School of Public Health, where he served as an assistant and then an associate professor and both founded and chaired their program in water and health. Much of his biofilm and international work on the epidemiology of waterborne diseases started at Harvard. Ford then served as Head of Microbiology at Montana State University for several years, leading the NIH-funded Montana Idea Networks for Biomedical Research Excellence Program (MT-INBRE). This five-year program built research and training infrastructure in infectious disease and environmental health research throughout the state of Montana, and included all seven of Montana's reservation communities. He also continued water and health work in India and developed partnerships in China, with a concurrent professorship at Nanjing University. Ford went on to serve as VP for Research and Dean of Graduate Studies at the University of New England, and then Dean of Health Professions at Shenandoah University before returning to environmental research as Chair of Environmental Health Sciences and Director of the Institute for Global Health at UMass Amherst. Now, at UMass Lowell, he plans to continue building multi-investigator research and training programs both locally and internationally.

Suggested readings:

Ford T, Jay J, Patel A, Kile M, Prommasith P, Galloway T, Sanger R, Smith K, Depledge M. (2005) Use of Ecotoxicological Tools to Evaluate the Health of New Bedford Harbor Sediments: A Microbial

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