

U.S. EPA: BOSC Sustainable and Healthy Center Director Bios

Timothy Watkins, M.S.

Director, Center for Environmental Measurement and Modeling (CEMM)

Timothy Watkins has worked at the US EPA for 30 years and is currently the Director of the Center for Environmental Measurement and Modeling (CEMM) in the US EPA's Office of Research and Development (ORD). As the Director of CEMM, Tim leads an organization of almost 400 scientists and administrative professionals working to protect human health and the environment by delivering innovative measurement and modeling solutions that are used by EPA and its partners to implement scientifically sound and effective environmental management policies and program. Tim received his M.S. in Economics from the University of North Carolina at Chapel Hill and his B.A. in Economics and Mathematics from Rollins College.

Gregory Sayles, Ph.D.

Director, Center for Environmental Solutions and Emergency Response (CESER)

Dr. Gregory Sayles directs EPA's Center for Environmental Solutions and Emergency Response (CESER), one of four large research centers in the Office of Research and Development. The Center conducts applied, stakeholder-driven research and provides responsive technical support to help solve the Nation's environmental challenges. CESER is headquartered in Cincinnati with additional major locations in Ada, OK; Research Triangle Park, NC; and Washington, DC; The Center's resources include 260 amazing employees and an annual budget of about \$35 million.

Dr. Sayles brings nearly 30 years of experience in hands-on research, planning, and management to this position. Early in his career, Greg has conducted research to develop bioremediation process to clean up of soils and sediments, and risk management approaches for endocrine disrupting chemicals in the environment. Before joining CESER, Dr. Sayles held various management positions in ORD including Assistant Laboratory Director in the former National Risk Management Research Laboratory, through Director of the former National Homeland Security Research Center.

Greg grew up in the San Francisco bay area. He earned Bachelors, Masters, and Doctoral degrees in Chemical Engineering from the California Institute of Technology, the University of California at Davis, and North Carolina State University, respectively. Outside of work, Greg enjoys playing the guitar, exercise, homebrewing craft beer, walking on the beach, and his family.

Russell Thomas, Ph.D.

Director, Center for Computational Toxicology and Exposure (CCTE)

Russell Thomas is the director of the Center for Computational Toxicology and Exposure at the U.S. Environmental Protection Agency. The Center is performing solutions-driven research to rapidly evaluate the potential human health and environmental risks due to exposures to environmental stressors and ensure the integrity of the freshwater environment and its capacity to support human well-being.

Timothy Buckley, Ph.D.

Acting Associate Director, Health and Ecology, Center for Public Health & Environmental Assessment (CPHEA)

Timothy J. Buckley is the Acting Associate Director for Health and Ecology in the Center for Public Health & Environmental Assessment. He is a scientist manager for EPA/ORD and has served in this role since 2012. He previously spent 16 years in academia with stints at Johns Hopkins University and The Ohio State University Schools' of Public Health. His work is broad ranging and includes the development and application of exposure methods, measurements, and models to chemical, physical, and biological stressors within community and occupational settings. His work considers exposure comprehensively considering all relevant routes and pathways and typically includes biomonitoring to further inform this research. These studies have been applied in the context of health studies to evaluate environmental determinants of effects that are both salutogenic and adverse (e.g., cancer, neurotoxic, and respiratory). His work is strongly tied to the environmental interests and concerns of communities and has helped to identify and inform issues of environmental justice. His research has led to numerous funded grants and the publication of nearly 80 peer-reviewed journal articles. Dr. Buckley has a MHS in industrial hygiene from Johns Hopkins and a PhD in environmental science from Rutgers University.

Wayne E. Cascio, M.D.

Director, Center for Public Health and Environmental Assessment (CPHEA)

Dr. Wayne earned a B.A. from Johns Hopkins University, and an M.D. from the University of Maryland. After training in internal medicine, and cardiovascular diseases at the North Carolina Memorial Hospital in Chapel Hill, NC, and basic electrophysiology and pharmacology at the Physiologisches Institute, Universität Bern, Switzerland he joined the UNC at Chapel Hill School of Medicine faculty. He left UNC in 2004 as Professor of Medicine to serve as the Chief of Cardiology at East Carolina University where he worked to increase access to cardiovascular health care in underserved rural areas. While at ECU Wayne served on EPA's Clean Air Scientific

Advisory Committee for Particulate Matter. In 2011 he joined the EPA as the Director of the Environmental Public Health Division in the National Health and Environmental Effects Laboratory (NHEERL) and in 2017 was named Director of NHEERL and most recently the Director of the Center for Public Health and Environmental Assessment. Wayne has authored more than 200 journal articles and book chapters. He is a recipient of APHA's 2018 Homer Calver Award, an EPA Gold Medal for Exceptional Service, an Office of Research and Development Impact Award, and numerous Scientific and Technological Achievement Awards. Current research includes health effects of environmental pollutants especially wildland fire smoke for the purpose of informing risk assessment, risk-management decisions, and improvement of public health through increased environmental health communication and literacy. Wayne is a clinician/scientist and is boarded in Internal Medicine and Cardiovascular Disease

