Meet the Program Managers @ 2019 AAAR

Has your Department Chair told you to visit your program managers in DC, RTC, or Palo Alto to get their insights for successful proposals? C'mon, that's OLD FASHIONED! This year, AAAR is bringing them to you in Portland! Sign up here for your exclusive 15-min dating with the program managers. Space is limited and guaranteed to be sold out quickly. So, don't wait.

Ps. You'll have to upload a short bio (half page) before AAAR to allow program managers to know you better before the meeting.

Contact Dr. C. Y. Wu at the University of Florida **cywu@ufl.edu** for any inquiry about this event

October 15-17

Oregon Convention Center

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Karl Rockne, Ph.D., P.E., BCEE

Director, Environmental Engineering Program

Division of Chemical, Bioengineering,

Environmental and Transport Processes

National Science Foundation

Dr. Rockne received his BS and MS degrees in environmental engineering from the University of Minnesota and his PhD in environmental engineering from the University of Washington. Dr. Rockne currently manages an $80M research portfolio of >250 projects as Director of the Environmental Engineering program at the National Science Foundation. He serves on numerous working groups at NSF to expand funding opportunities for the Environmental Engineering and Science (EES) communities. He also represents the EES community in advisory and administrative roles for numerous governmental science groups, including the Action Collaborative for Disaster Research on the National Academy of Sciences, vice chair of the Intergovernmental Collaborative for Environmental Monitoring and Modeling (ICEMM), and various subcommittees for the National Science and Technology Council (NSTC) reporting to the White House Office of Science and Technology Policy (OSTP).

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Stephanie Shaw, PhD

Principal Technical Leader
Energy & Environment Division
Electric Power Research Institute (EPRI)

Dr. Stephanie Shaw's research portfolio at the Electric Power Research Institute (EPRI) assesses the environmental impacts of fossil and renewable energy generation and energy storage. Dr. Shaw created a program on the Environmental Aspects of the Power System of the Future for which she provides strategic research direction on air, solid waste, life cycle assessment, and human health impacts of the changing electricity fleet. In addition, Dr. Shaw investigates the emissions and air quality impacts from central-site and distributed power plants and other anthropogenic and natural sources through laboratory and field measurements. She co-managed the Southeastern Aerosol Research and Characterization (SEARCH) network for long-term ambient air measurements in the Southeastern U.S. for a decade, and has served on project advisory committees for grant-funded research projects. Dr. Shaw has received several Chauncey Awards at EPRI for excellence and innovation in research that serves the public benefit. Before joining EPRI, Dr. Shaw investigated industrial pollutant exposures at ChemRisk, and was a NOAA Climate and Global Change postdoctoral research fellow in residence at the University of California, Berkeley investigating biogenic air emissions. Dr. Shaw received a B.S. in chemical engineering, and a Ph.D. in atmospheric chemistry, from the Massachusetts Institute of Technology.

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Serena Chung, Ph.D.

Project Officer

Office of Research and Development

U.S. Environmental Protection Agency

Since October 2016, Dr. Chung has served as Project Officer for EPA's Science To Achieve Results (STAR) grant program, which is EPA's primary method for extramural research funding. As a Project Officer, Dr. Chung develops solicitation topics in collaboration with other EPA staff and manages STAR grants funded under EPA's Air and Energy National Research Program, covering topics on global change, air quality, and health. Currently Dr. Chung also serves as coordinator of Air and Energy's wildland fire research area.

Dr. Serena Chung holds a doctorate in Chemical Engineering from California Institute of Technology, where she conducted research to investigate the transformation, radiative forcing, and climate impacts of carbonaceous aerosols using a global climate model. In 2005-2006, Dr. Chung was a post-doctoral researcher at University of Colorado/NOAA in Boulder, Colorado. There she used global and regional models to investigate the effects of morphology on aerosol optical properties and aerosol-meteorology-climate interactions. Dr. Chung was a research professor for nearly 10 years in the Laboratory for Atmospheric Research at Washington State University (WSU) in Pullman, Washington, where her research focus included wildfire smoke forecasting; climate change impact on regional air quality, and biosphere-atmospheric interactions.

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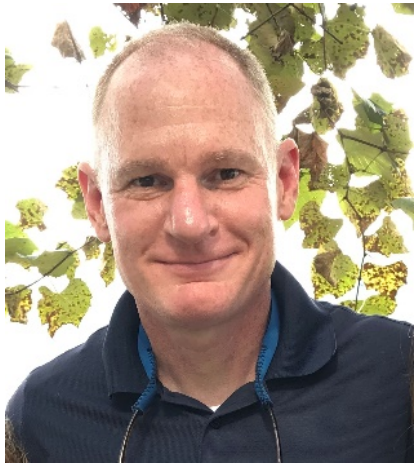

Barry Lefer, PhD

Tropospheric Composition Program

Earth Science Division

NASA Headquarters

Barry L. Lefer received a B.A. in Environmental Sciences from the University of Virginia (1989) and a M.S. (1991) and Ph.D. (1997) in Earth Sciences-Geochemical Systems from the University of New Hampshire. After a post-doctoral position at the National Center for Atmospheric Research (NCAR) with the Advanced Studies Program, Dr. Lefer stayed at NCAR an additional five years working in the Atmospheric Chemistry Division. In 2004, he joined the Department of Earth and Atmospheric Sciences at the University of Houston to study the impact of clouds and aerosols on ozone photochemistry, aerosol composition, measurements of industrial emissions; and the relationships between meteorology and air quality. More recently he has started to investigate the health effects of air pollution. In June 2015, Barry Lefer joined NASA's Earth Sciences Division as the program manager of the Tropospheric Composition Program (TCP). Over the past few years his program has worked with Korean partners to investigate air quality over South Korea in May and June of 2016 as part of the Korea – United States Air Quality Study (KORUS-AQ). In the summer/fall of 2019, the NASA tropospheric composition and NOAA Earth System Research Lab worked together to investigate trace gas and aerosol emissions and transformations resulting from western U.S. wildfires and southern agricultural burns and their impact on air quality during the FIREX-AQ airborne campaign.

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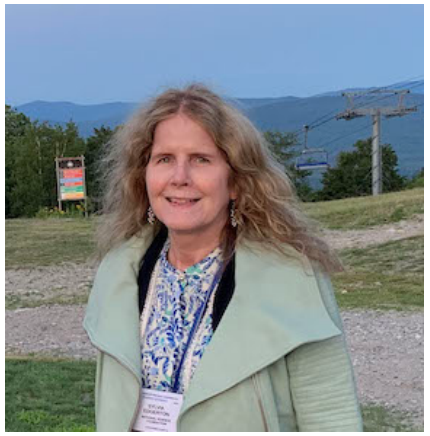

Sylvia Edgerton, Ph.D.
Director, Atmospheric Chemistry Program
Division of Atmospheric and Geospace Sciences
National Science Foundation

Dr. Sylvia Edgerton has over 40 years of experience in atmospheric chemistry and environmental science. She has served as Program Director for Atmospheric Chemistry at the National Science Foundation for over 9 years, where she develops and manages a diverse portfolio of cutting-edge research projects in atmospheric science. She spent over 15 years at the US Department of Energy's Argonne National Laboratory and Pacific Northwest National Laboratory where she worked in climate change research and managed a field program to study atmospheric chemistry in Mexico City. For several years in the 1990s, she served as Deputy Director of the Office of the US Global Change Research Program (USGCRP) and spent a year at the National Academy of Sciences with the Committee on Global Change Research. Early in her career, she conducted original research in environmental science for government and private sector clients at Battelle Columbus Laboratories. Dr. Edgerton has a Ph.D. in Environmental Physics and Chemistry and a B.S. in physics.