Invitation for Public Comment on the List of Candidates for the EPA Chartered Science Advisory Board October 16, 2018

The U.S. Environmental Protection Agency (EPA) Science Advisory Board (SAB) Staff Office announced in a Federal Register Notice on July 9, 2018 (83 FR 31752-31753) that it was inviting nominations of experts to be considered for the Administrator's appointment to the Chartered SAB. The SAB is a scientific/technical advisory committee. The objective of the SAB is to provide independent advice and peer review on the scientific and technical aspects of environmental issues to the EPA Administrator. While the SAB reports to the EPA Administrator, congressional committees specified in ERDDAA may ask the EPA Administrator to have the SAB provide scientific advice on a particular issue.

The SAB will review scientific issues, provide independent scientific and technical advice on EPA's major programs, and perform special assignments as requested by Agency officials. The SAB Staff Office sought nominations of experts who have demonstrated experience in the following disciplines: analytical chemistry; benefit-cost analysis; causal inference; complex systems; ecological sciences and ecological assessment; economics; engineering; geochemistry; health sciences; hydrology; hydrogeology; medicine; microbiology; modeling; pediatrics; public health; risk assessment; social, behavioral and decision sciences; statistics; toxicology, and uncertainty analysis.

The SAB Staff Office is especially interested in scientists with expertise described above who have knowledge and experience in: air quality; agricultural sciences; atmospheric sciences; benefit-cost analysis; complex systems; drinking water; energy and the environment; epidemiological risk analyses; water quality; water quantity and reuse; ecosystem services; community environmental health; sustainability; chemical safety; green chemistry; homeland security; uncertainty analysis; and waste management.

The SAB Staff Office identified 174 candidates based on their expertise and willingness to serve. We hereby invite public comments on the attached List of Candidates for consideration by the SAB Staff Office. Comments should be submitted to Mr. Thomas Carpenter, Designated Federal Officer no later than November 7, 2018 at carpenter.thomas@epa.gov. E-mail is the preferred mode of receipt. Please be advised that public comments are subject to release under the Freedom of Information Act.

demonstrating some of the most innovative and cost-effective geophysical and geospatial technologies. Highly skilled in environmental policy analysis, biological monitoring, endangered species assessments, environmental health, and water resources management, Mr. DuPree currently serves as a mayoral appointee on the City of Jacksonville's Environmental Protection Board, where he exercises regulatory authority, oversees the review of environmental permits and enforcement actions, promulgates regulations, and acts as a technical resource for management and staff of the city's Environmental Quality Division. While he is not currently accepting research funding, Mr. DuPree does consider funding requests from citizens that appear before the board. Previously, he served as Vice Chair of the Alachua County Commission's Environmental Protection Advisory Committee advising the County Commission on air quality, water resources and responsible management of public lands. In his spare time, Mr. DuPree enjoys giving back to his community through volunteering, philanthropy, and mentoring.

Embertson, Nichole M.

Whatcom Conservation District

Dr. Nichole Embertson is a Nutrient Management and Air Quality Specialist with the Whatcom Conservation District, adjunct at Washington State University, and Director of the Washington Discovery Farms program. She is also Chair of the Washington State Center for Technical Development working to improve the professional capacity of Conservation District employees. She received her B.S. from Cal Poly, San Luis Obispo, M.S. from University of California at Davis, and Ph.D. from Colorado State University in Animal Science with specialties in Environmental Management of Livestock Systems and Air Quality. Dr. Embertson currently provides technical assistance on nutrient and environmental issues to farmers, agencies and industry professionals alike. She also conducts applied research focused on finding integrated solutions to nutrient management and resource conservation challenges, as well as development of decision support tools such as her innovative manure application risk management system including a real-time manure advisory and on-line nutrient management planning resources for producers. Her goal through Discovery Farms Washington is to help producers discover new and better land management practices for protection of environmental resources. Her projects have been funded by the Washington State Department of Agriculture, Washington State Department of Health, Washington State Conservation Commission, Natural Resource Conservation Service (NRCS), and Environmental Protection Agency (EPA). Her vision, communication style and unique experience makes her very effective in developing useful materials for producers, as well as providing science based input into policy and programing. Dr. Embertson shares her knowledge and expertise through participation on national science panels for USDA-NRCS and the EPA, and in a leadership role for the Livestock and Poultry Environmental Learning Center. She has been awarded both the Northwest and Washington State Conservation District Employee of the year award, NRCS Partnership Award, and Washington State Dairy Federation President's Appreciation Award for her outstanding work and partnership efforts.

Enstrom, James E.

Scientific Integrity Institute

Dr. James E. Enstrom is a retired Research Professor/Researcher from the School of Public Health and Jonsson Comprehensive Cancer Center at the University of California, Los Angeles. He is President of the Scientific Integrity Institute in Los Angeles. He received his BS in physics from Harvey Mudd College, an MS and PhD in elementary particle physics from Stanford University, and a MPH and postdoctoral certificate in epidemiology from UCLA. Dr. Enstrom has authored, primarily as first or sole author, about 50 peer-reviewed articles and book chapters on physics, epidemiology, and scientific integrity. He has received research funding from many sources, including NIH, ACS, UC, private foundations, industry sources, and personal donations. He has received no funding recently, but is still conducting original epidemiologic research by using personal assets in innovative and cost-

effective ways. He has taught graduate classes on environmental health science. He has given numerous lectures on epidemiology and ethics. He has published important articles relating good health practices to reduced mortality and recently has shown that fine particulate matter (PM2.5) is not related to total mortality in the ACS Cancer Prevention Study cohorts (CPS I and CPS II). He is the only independent scientist to obtain and analyze original CPS cohort data. His research shows that the EPA PM2.5 NAAQS is scientifically unjustified and must undergo complete and objective reassessment. His Scientific Integrity Institute website contains thousands of documents on air pollution epidemiology, lifestyle epidemiology, scientific integrity, and critiques of regulations, many of which contain his own research and analysis. He understands air pollution health effects research from the perspectives of both physics and epidemiology and maintains the highest level of integrity. He is a Life Member of the American Physical Society, a Founding Fellow of the American College of Epidemiology, and a current member of the ACE Ethics Committee. In 2015 he received the Heroes of Conscience Award from the American Freedom Alliance in Los Angeles.

Felter, Susan P.

Procter & Gamble

Dr. Susan Felter is a Research Fellow in Procter & Gamble's Central Product Safety organization. She holds a B.S. in Biology from the Massachusetts Institute of Technology and a Ph.D. in Toxicology from the University of Cincinnati. Dr. Felter's primary professional interest is in methods for human health risk assessment. In her Corporate role at P&G, she leads several global teams responsible for the company's methods for human health risk assessment, providing guidance across all geographies and business sectors. She serves on a number of U.S. and European trade association task forces. Prior to joining P&G, Dr. Felter worked for TERA (Toxicology Excellence for Risk Assessment), a nonprofit science organization in Cincinnati, and the U.S. Environmental Protection Agency (Office of Research and Development) where she received the U.S. EPA Bronze Medal for her work in developing the scientific basis to support drinking water regulations for human health. Dr. Felter previously served on the Science Advisory Board of the Food and Drug Administration's National Center for Toxicological Research. She also currently serves on the Science Advisory Board for the Toxicology Forum. She has served as a peer reviewer for the World Health Organization and the National Toxicology Program. Dr. Felter has been a member of the Society of Toxicology since 1996, and has served in elected positions as Secretary-Treasurer of the Risk Assessment Specialty Section, as well as Councilor of the Ohio Chapter of the Society for Risk Analysis. Dr. Felter receives no outside research funding.

Ferry, John

University of South Carolina

Dr. John Ferry has extensive experience in environmental chemistry, including reactive oxygen species, photolysis, advanced oxidation, degradation/transformation of chemicals in the environment, cyanobacterial (algal) toxins, and analytical measurement of environmental contaminants. He has taught environmental chemistry for many years at the University of South Carolina and is one of the most knowledgeable people I have ever met in environmental chemistry. He understands atmospheric chemistry and water chemistry and is very knowledgeable regarding chemical properties. John has served on a STAR Grant review panel several years ago, and is interested in serving on the SAB. He would make an excellent member of the regular SAB or the Chemical Assessment Advisory Committee.

Fike, David

Washington University

Prof. Fike is the InCEES Professor of Biogeochemistry in the Department of Earth & Planetary Sciences at Washington University in St. Louis, where he additionally heads the Environmental