

**Invitation for Public Comment on the List of Candidates
For the Environmental Protection Agency's Science Advisory Board
Drinking Water Committee
June 12, 2014**

The U.S. Environmental Protection Agency (EPA) Science Advisory Board (SAB) Staff Office announced in a *Federal Register* Notice on April 18, 2014 (79 FR 21922-21923) that it was inviting nominations of experts to be considered for the Administrator's appointment to the SAB Drinking Water Committee. The SAB Drinking Water Committee provides advice to the EPA Administrator, through the chartered SAB, on the technical aspects of EPA's national drinking water standards program. For the Drinking Water Committee, the SAB Staff office sought nominations of drinking water experts within the disciplines of environmental chemistry, environmental engineering, epidemiology, microbiology, public health, risk assessment, and toxicology.

The SAB Staff Office identified 17 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 July 7, 2014 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.

Dr. Hari Bindal

American Society Of Engineers of Indian Origin

Dr. Hari is retired from US Government after 26 years of service and 45 yeas overall as environmental engineer. He has a PhD in Environmental Engineering Management and has two masters' degrees, one in environmental and other in Public Health Engineering and a bachelor's in Civil Engineering. He has diversified experience in environmental management and planning in USA and in India. His experience includes feasibility reports, environmental assessment, design, installations and replacement of environmental equipment onboard ships. His experience with the US Coast Guard included evaluation, retrofit, replace and or upgrade environmental compliance equipment on board Coast Guard ships to comply with the National and International (IMO) environmental regulations and treaties. His work also included preparing government policy, program guideline, and instruction manuals. His experience with consultants and the City of Detroit included planning, design and project management for rural water and wastewater systems (collection, distribution, and treatment). His experience in India included planning and design of an interstate major water supply project.

Dr. Amy Childress

University of Southern California

Dr. Amy Childress is Professor and Director of Environmental Engineering at the University of Southern California (USC). She received her B.S. in Civil Engineering from the University of Maryland and her M.S. and Ph.D. in Environmental Engineering from the University of California, Los Angeles. Prior to USC, Dr. Childress was Professor and Chair of the Department of Civil and Environmental Engineering at the University of Nevada, Reno. For the past 20 years, Dr. Childress' research and scholarly interests have been in the area of membrane processes for water treatment, wastewater reclamation, and desalination. Most recently, she has investigated membrane contactor processes for innovative solutions to contaminant and energy challenges; pressure-driven membrane processes as industry standards for desalination and water reuse; membrane bioreactor technology; and colloidal and interfacial aspects of membrane processes. Dr. Childress has directed research funded by federal, state, and private agencies with most recent research projects being funded by the WateReuse Foundation, EPA, SERDP, and the Bureau of Reclamation. She leads a research group that has produced numerous peer-reviewed publications, proceeding papers, and patents. Professor Childress has received several awards, most notably the AEESP Outstanding Publication Award, Nevada's Center for Entrepreneurship and Technology - Technology Educator of the Year Award, and a National Science Foundation CAREER Award. Over the past four years, she has been invited as a plenary or keynote speaker to technical conferences worldwide including conferences in U.A.E., South Korea, Australia, Turkey, Kuwait, and France. Dr. Childress has also presented at two National Academy of Engineering Frontiers conferences and just recently participated on the Roundtable on Science and Technology for Sustainability. She was also an invited speaker at the most recent National Water Research Institute Clarke Prize Conference. Dr. Childress has served as President of the Association of Environmental Engineering and Science Professors and an editorial board member for several journals.

Dr. George P. Cobb, III

Baylor University

Dr. George P. Cobb is a Professor at Baylor University, where he serves as Chair of the Department of Environmental Science. Prof. Cobb received a BS in Chemistry from the College of Charleston (1982). Thereafter, he received a Ph.D. in Chemistry from The University of South Florida (1989), where he developed sampling strategies to determine vapor/particle distribution of atmospheric organic chemicals. Professor Cobb has published over 110 peer reviewed journal articles as well as numerous book chapters. Throughout his career, Professor Cobb has developed novel sampling and analysis techniques to quantify a wide range of chemicals, including persistent organic pollutants, volatile organics, cholinergic insecticides, trace metals, explosives, and nanomaterials. Professor Cobb's approaches allow quantification of toxicants at environmentally relevant concentrations, and as such, his techniques have been used evaluate toxicant transport, transformation, and biological exposure. These approaches have often been used to assess risks in aquatic and riparian systems rapidly and cost effectively. Professor Cobb and his research group recently employed novel microRNA techniques to assess organism susceptibility and response to toxicant exposure. This research has been funded by National Institute Environmental Health Sciences, United States Environmental Protection Action National Center for Environmental Research, Department of Defense, Department of Energy, as well as state and local governments. Professor Cobb has served on more than one dozen United States Environmental Protection Agency Science Advisory Panels to evaluate risks of pesticides and genetically modified organisms. He also serves in leadership positions within the American Chemical Society, primarily within the Division of Environmental Chemistry and as a subcommittee chair for the Committee for Environmental Improvement. He previously served on the World Council for the Society of Environmental Toxicology and Chemistry, and is a past President of SETAC North America.

Dr. David Dziewulski

New York State Department of Health

Dr. Dziewulski received a Ph.D. in Microbiology from the University of New Hampshire and conducted Post-Doctoral research at the Rensselaer Polytechnic Institute (Chemical Engineering). Dr. Dziewulski is currently employed by the New York State Department of Health (NYSDOH) in the Bureau of Water Supply Protection (BWSP) where he is responsible for responding to consumer, local health department and utility inquiries related to microbiological issues in public water supplies. He has expertise in general microbiological problems/outbreak investigations associated with Legionella and mycobacterium avium complex (MAC). His expertise also extends to microbiologically influenced corrosion and biofouling, sub-surface microbiology and environmental microbial monitoring. His current research activities are funded through Center for Disease Control EHS-Net cooperative agreements focused on understanding vulnerabilities of small drinking water systems. As part of his BWSP duties he has worked with staff in the evolution of New York City watershed protection, filtration avoidance determinations and the Catskill-Delaware Ultraviolet Disinfection Facility.

Dr. James Englehardt

University of Miami

Dr. Englehardt has a B.S. in Chemistry from the University of Pittsburgh, an M.S. in Agricultural/Environmental Engineering from Colorado State University, and a Ph.D. in Environmental Engineering from the University of California, Davis. His research group develops design concepts for low-energy, low-emissions, net-zero water buildings of the future, including processes for physicochemical treatment of water, energy recovery, and risk detection. In particular, the group is designing and building a low-energy, net-zero water residence hall that will largely eliminate endocrine-disrupting chemical emissions. Methods include salt-free iron-mediated aeration, electrocoagulation-assisted vacuum ultrafiltration, peroxone oxidative mineralization of personal care products and other organics, residuals electrolysis, and real-time risk detection via machine learning and evidence fusion. In parallel work, his group develops methods of assessing risk unconditionally, for regulation and planning. Methods include predictive Bayesian inference of chemical and pathogenic human health risks from available information, based on principles of self-organization and information theory. Other applications include Bayesian models to locate submerged oil following spills, and assessment of health, environmental, and economic risks for environmental planning. Recent sources of research funding include the National Science Foundation, Cruise Line Industry Association, National Oceanographic & Atmospheric Administration, and the U.S. Environmental Protection Agency. Awards include the Science Advisor's Award, U.S. Environmental Protection Agency, National Center for Environmental Assessment, Cincinnati; the Robert C. Barnard Environmental Science & Engineering Award, American Association for the Advancement of Science and US EPA; and two University of Miami Eliahu I. Jury Awards for excellence in research.

Ford, Russell

CH2M HILL

Dr. Russell Ford is a water treatment engineer with over 25 years of experience in developing, evaluating, and designing treatment processes to remove a variety of contaminants from drinking water. He has a strong working knowledge of current state and federal drinking water regulations; the design and construction of water treatment facilities; and water allocation. He has a Ph.D. and ME in Environmental Engineering from Stevens Institute of Technology, and a B.S. in Chemical Engineering from Syracuse University. He is a registered Professional Engineer in New York, New Jersey, Connecticut, Maryland, Pennsylvania, and a Licensed Water Treatment Operator in New Jersey. He is an active member in many professional organizations including the American Water Works Association (AWWA) where he is a member of the Standards Council, a trustee, Water Science and Research Division and a past chair of the AWWA Plant Operations Committee and New Jersey Section AWWA. Mr. Ford has published over 15 articles and presentations relating to drinking water issues and technology.

Ginsberg, Gary

Connecticut Department of Public Health

Dr. Ginsberg is a toxicologist at the Connecticut Department of Public Health within the Section of Environmental and Occupational Health Assessment. He has responsibility for human health risk assessments conducted in the state. Dr. Ginsberg serves as adjunct faculty at the Yale School of Public Health and is an Assistant Clinical Professor at the University of Connecticut School of Community Medicine. He served on the National Academy of Science Panels on Biomonitoring (produced Human Biomonitoring, NAP Press, 2007) and Improving U.S. Environmental Protection Agency risk methods (produced Science and Decisions, NAP Press, 2009). He is a member of U.S. EPA's Science Advisory Board and has served on the Children's Health Protection Advisory Committee (CHPAC). Dr. Ginsberg is a recipient of a fellowship from the Oak Ridge Institute for Science and Education (ORISE) to collaborate with USEPA, NCEA on risk and susceptibility projects. Dr. Ginsberg received a Ph.D. in toxicology from the University of Connecticut and was a post-doctoral fellow in carcinogenesis/mutagenesis at the Coriell Institute for Medical Research. Dr. Ginsberg's toxicology experience has involved a variety of settings: basic research, teaching, working within the pesticide and consulting industries, and now working in public health. He has published in the areas of toxicology, carcinogenesis, physiologically-based pharmacokinetic modeling, inter-individual variability, genetic polymorphisms, and children's risk assessment. Dr. Ginsberg is also co-author of a book on toxics for the lay public, "What's Toxic, What's Not" Berkley Books, 2006.

Kallestad, Waverly

Olgoonik-Fairweather LLC

Dr. Kallestad has over 10 years of experience in the environmental chemistry and toxicology field. As an environmental chemist/toxicologist for Olgoonik-Fairweather, she is responsible for the design and preparation of technical proposals, field sampling plans, and reports, as well as designing scientific sampling for regulatory compliance, such as the National Pollutant Discharge Elimination System (NPDES) permits. Dr. Kallestad also has designed and conducted toxicokinetic studies to measure uptake and elimination rate constants of polycyclic aromatic hydrocarbons (PAHs) in bivalves, a common biomonitor. She has experience working in both laboratory and field settings and specializes in the fate and effects of contaminants in the environment, and the potential for human exposure and health effects. Dr. Kallestad's expertise includes bioavailability and bioaccumulation of hydrocarbons in the marine environment, environmental risk assessment, and field sampling activities such as collection of water, sediment, and biota samples for chemical analysis. She has experience with the deployment of mussels and passive sampling devices as sentinel contaminant measures in the environment. Dr. Kallestad also teaches on-line distance education courses in affiliation with the North Carolina State University. She teaches Environmental Risk Assessment, Environmental Exposure Assessment, and Environmental Law & Policy courses to Professional Master's Degree students, as part of the Environmental Assessment Program at NCSU.

Dr. Boris Lau

University of Massachusetts Amherst

Dr. Boris Lau is an assistant professor in the Department of Civil & Environmental Engineering at the University of Massachusetts Amherst. He holds a bachelor degree in environmental science and biology from McGill University in Montreal, Canada. His Master's and Doctoral degrees in civil and environmental engineering are from the University of Wisconsin – Madison. Prior to becoming a faculty member UMass Amherst, Dr. Lau performed his postdoctoral work at Northwestern University and Duke University. His research focuses on the surface chemistry underlying the fate and transport of metal-based nanomaterials in aquatic systems (more information on his group and research activities can be found at <https://blogs.umass.edu/borislau/>). Sources of research funding for the past two years include the National Science Foundation (NSF), the European Union's Seventh Framework Programme (FP7), the Tarrant Regional Water District, and the City of Waco. Regarding service, Boris is currently a member of the Editorial Advisory Board for the Journal of American Water Works Association (AWWA) and the Emerging Water Quality Issues Committee of AWWA. He is the former chair (2008-2011) of AWWA's Particulate Contaminants Research Committee and served in the Project Advisory Committee of Water Research Foundation between 2009 and 2012.

Dr. Melanie Marty

California Environmental Protection Agency

Dr. Melanie Marty, is Assistant Deputy Director for the Science Division at the Office of Environmental Health Hazard Assessment (OEHHA), California Environmental Protection Agency. Dr. Marty received her Ph.D. from the University of California, Davis in Pharmacology and Toxicology. She has been at OEHHA for more than 25 years focusing on evaluating public health impacts and assessing risk of environmental chemicals. She has been a leader in evaluating health risks from early life exposure to environmental toxicants. As Assistant Deputy Director, Dr. Marty reviews OEHHA technical documents evaluating public health impacts and risk of exposure to contaminants in drinking water, air, and other media, recommendations for health-based standards for pollutants in air and water, risk assessment guidelines, chemical listings and designations, and other departmental reports. She also participates in policy development for OEHHA and works with other Cal/EPA departments on policy related issues. Dr. Marty is also one of the key scientists for OEHHA on the California Green Chemistry initiative. She has served on a number of EPA peer review committees, including the Science Advisory Board's ad hoc committee evaluating the 2005 Supplemental Guidance for Assessing Risk from Early Life Exposure to Carcinogens. She was Chair of the U.S.EPA's Children's Health Protection Advisory Committee from 2001-2009, which advises the Administrator on issues related to children's environmental health. During this time, she was also liaison between the CHPAC and the SAB. Dr. Marty has served on a number of committees in California, and is currently a member of the California Breast Cancer Research Program Advisory Committee, which advises the University of California Office of the President on funding breast cancer research, and the South Coast Air Quality Management District Clean Fuels Advisory Committee. Dr. Marty is also an Adjunct Associate Professor at the University of California, Davis' Department of Environmental Toxicology, where she teaches a course in risk assessment of environmental chemicals.

Mr. Mark Mayer

State of South Dakota

Mr. Mark Mayer has been the Administrator of South Dakota's Drinking Water Program since October 2005. South Dakota has primacy of and implements the Safe Drinking Water Act on behalf of US Environmental Protection Agency in South Dakota. Mr. Mayer was a consulting engineer involved in water and wastewater treatment, distribution and collection system design for 14 years prior to beginning his service as an employee in South Dakota's Department of Environment and Natural Resources. Mr. Mayer holds a Bachelor of Science in Civil Engineering from South Dakota State University and a Master of Science in Civil Engineering from the University of Kansas. Mr. Mayer is a registered professional engineer in the State of South Dakota and possesses expertise in the areas of civil engineering, water treatment and distribution, and regulatory compliance as it relates to the Safe Drinking Water Act. Mr. Mayer is actively involved in the Association of State Drinking Water Administrators (ASDWA) and has served as chairman of ASDWA's Small Systems Committee since 2007. The small systems committee works on regulatory and operational issues that impact small drinking water systems nationwide.

Dr. Rebecca Parkin,

The George Washington University Medical Center

Dr. Rebecca T. Parkin, PhD, MPH, is an environmental epidemiologist with over 30 years of career experience; she is now a Professorial Lecturer in Environmental and Occupational Health and in Epidemiology and Biostatistics in the School of Public Health and Health Services (SPHHS) of The George Washington University (GW). She occasionally serves as a public health consultant to federal agencies and local governments. She retired from fulltime work as the Associate Dean for Research and Public Health Practice and as a Professor in the Department of Environmental and Occupational Health, with a joint appointment in the Department of Epidemiology and Biostatistics, in SPHHS. Dr. Parkin was also the Scientific Director of the Center for Risk Science and Public Health at GW. Previously she served as the Assistant Commissioner of Occupational and Environmental Health in the New Jersey Department of Health and as an Environmental Epidemiologist in the Centers for Disease Control. Rebecca received her A.B. in sociology from Cornell University; M.P.H. (environmental health) and Ph.D. (epidemiology) from Yale University; and Certificate in Science, Technology, and Policy from Princeton University. Her areas of expertise include environmental epidemiology, public health policy, and environmental health risk assessment and risk/benefit communication. Her research has been supported by the U.S. Environmental Protection Agency; the American Water Works Association Research Foundation; the Association of Occupational and Environmental Clinics; and the U.S. Departments of Defense, Homeland Security, and Health and Human Services. She has been a member of the National Research Council (NRC)'s Water Science and Technology Board, the National Institute of Health's Science Advisory Board on Biosecurity, U.S. Environmental Protection Agency (EPA)'s Science Advisory Board and Human Studies Review Board, on which she is currently serving as chair. Dr. Parkin has served on and been chair or vice chair of committees of the NRC, the Institute of Medicine, EPA, U.S. Dept. of Health and Human Services, and Agency for Toxic Substances and Disease Registry. Additionally, Dr. Parkin has served as a peer reviewer for various national and international professional organizations

and journals focused on environmental health. She has represented U.S. public health scientists at international forums and workshops hosted by the National Academies, World Health Organization, professional societies, and academic institutions. Further, she has taught environmental and occupational health courses at several universities outside of the U.S. Among her many awards, Dr. Parkin has been elected to Delta Omega (public health honorary society), recognized by Yale University as a Distinguished Alumna, honored with the Association of Schools of Public Health/Pfizer Faculty Award for Excellence in Academic Public Health Practice and selected for lifetime membership as a National Associate of the National Academies.

Dr. Richard Sakaji

East Bay Municipal Utility District

In his capacity as Manager of Water Quality for the East Bay Municipal Utility District, Dr. Richard Sakaji is confronted with a variety of water quality and public health issues. His activities can range from reviewing and providing guidance on testing or study protocols in the subject areas of treatment technology and invasive species to serving on technical committees that aid in the establishment of drinking water regulations and public policy. To this end he has reviewed technical protocols for U.S. EPA's Environmental Technology Verification program and for the National Sanitation Foundation for their technical merit. His educational background includes marine biological sciences (A.B., University of California, Berkeley), environmental engineering (M.S. and Ph.D., University of California, Berkeley). Throughout his career, he has brought a public health perspective to various advisory committees and workgroups, such as those serving the National Academy of Sciences, the National Water Research Institute, the Water Research Foundation (formerly the American Water Works Association Research Foundation, and the U.S. EPA. He has also represented the California Department of Public Health as a representative on the Santa Ana River Water Quality and Health Study. He has worked with the National Water Research Institute/AWWA Research Foundation in the development of their ultraviolet disinfection guidelines.

Dr. Pamela Shubat

Minnesota Department of Health

Dr. Pamela Shubat supervises the work of the Health Risk Assessment Unit of the Minnesota Department of Health Environmental Health Division. She has worked in the department for twenty-five years in many areas of risk assessment, toxicology, and exposure assessment. Her major responsibilities over the years have included research on fish contaminants and developing state fish consumption advisories; childhood lead poisoning prevention; population-based exposure assessment; rules for groundwater contaminants, and developing a drinking water contaminants of emerging concern program. She was the principal investigator for a state component of the EPA National Human Exposure Assessment Survey (the Minnesota Children's Pesticide Exposure Study) and for a study on using environmental economics for children's environmental health valuation. She currently supervises the work of developing risk assessment methods that take into account life stage susceptibility and other evolving risk assessment considerations and applying new methods to drinking water rules and contaminants of emerging concern. She has served as a member and chair of the EPA Children's Health Protection Advisory Committee and as a peer reviewer for EPA projects involving methylmercury, polychlorinated biphenyls, and risk assessment practice. Dr. Shubat has been a member of the Society of Toxicology since 1989 and a member of the International Society for Exposure Analysis since 1996, serving as councilor from 2002-2005. She is also a member of the EPA Federal-State

Toxicology Risk Analysis Committee. She received a received a Ph.D. in Pharmacology and Toxicology from the University of Arizona in 1988, an M.S. in Fisheries and Wildlife from Oregon State University, and a B.S. in biology from the University of Minnesota, Duluth. She does not have any recent sources of grants.

Dr. Craig Steinmaus

UC Berkeley

Dr Craig Steinmaus received a BS in Environmental Toxicology and a medical degree from the University of California, Davis. He completed an internship in internal medicine at the Long Beach Veterans Administration Hospital, a residency in occupational and environmental medicine at UCSF, and a masters of public health degree at the University of California, Berkeley (UCB). After seven years in private practice as an occupational medicine clinician, he is now an Assistant Adjunct Professor in the Division of Occupational and Environmental Medicine at UCSF and in the Division of Epidemiology and Biostatistics at UCB. He is also a Public Health Medical Officer at the Office of Environmental Health Hazard Assessment of the California Environmental Protection Agency. At UCB, he is the Associate Director of the Arsenic Health Effects Research Group, and has taught classes in occupational and environmental epidemiology, causal inference, risk assessment, and meta-analysis since 1999. Dr Steinmaus' major research interests lies in the health effects of common drinking water and occupational contaminants. He focuses on susceptible populations, including the fetus, children, pregnant women, and those with particular metabolic and genetic characteristics. He has published numerous articles and several book chapters in these areas, and is the Principal Investigator or co-investigator on NIH-funded studies on chemical exposures and cancer and lung disease in Chile, Argentina, Bangladesh, and California.

Dr. Mark Weisner

Duke University

Dr. Mark R. Wiesner holds the James L. Meriam Chair in Civil and Environmental Engineering at Duke University where he has appointments in the Pratt School of Engineering and the Nicholas School of Environment. He serves as Director of the National Science Foundation's Center for the Environmental Implications of NanoTechnology (CEINT). Dr. Wiesner's research in the area of environmental nanotechnology, examines the application of nanotechnologies for environmental quality control and initiated a consideration of the possible environmental implications of nanomaterials. He co-edited/authored the book "Environmental Nanotechnologies" and serves as Associate Editor of the journals Nanotoxicology and Environmental Engineering Science. Professor Wiesner also pioneered research in area of applications of low-pressure membranes to water treatment. He co-edited and -authored the book "Water Treatment Membrane Process," served as the founding Chair of the American Water Works Association's Membrane Research Committee, and serves on the editorial board of the journal Desalination. Professor Wiesner is a Fellow of both the American Association for the Advancement of Science and the American Society of Civil Engineers. Before joining the Duke University faculty in 2006, Professor Wiesner was a member of the Rice University faculty for 18 years where he held appointments in the Departments of Civil and Environmental Engineering and Chemical Engineering and served as Associate Dean of Engineering, and Director of the Environmental and Energy Systems Institute. Prior to working in academia, Dr. Wiesner was a Research Engineer with the French company the Lyonnaise des Eaux, in Le Pecq, France, and a Principal Engineer with the Environmental Engineering Consulting firm of Malcolm Pirnie, Inc., White Plains, NY. Wiesner received the 1995

Rudolf Hering medal from the American Society of Civil Engineers and the 2004 Frontiers in Research Award from the Association of Environmental Engineering and Science Professors. In 2004 Dr. Wiesner was also named a “de Fermat Laureate” and was awarded an International Chair of Excellence at the Chemical Engineering Lab of the French Polytechnic Institute and National Institute for Applied Sciences in Toulouse, France. Wiesner was the 2011 recipient of the Clarke Water Prize for his work in improving water quality through advancements in membrane and nanotechnology research. He is a past President of the Association of Environmental Engineering and Science Professors (AEESP).

Dr. Lloyd Wilson

New York State Department of Health

Dr. Wilson received a Ph.D. in Environmental Health & Toxicology from the SUNY Albany School of Public Health (SPH) and has more than twenty five years of public health experience evaluating and mitigating human exposure to chemicals in the environment. Dr. Wilson is the coordinator of special projects and research for the Bureau of Water Supply Protection in the New York State Department of Health (DOH). His work is focused on traditional and emerging public water supply contaminants such as harmful algal blooms, pharmaceuticals, personal care products, PCBs and 1,4-dioxane. He also has responsibilities for issues related to source water protection including climate change adaptation. In addition to his DOH duties, Dr. Wilson is an Assistant Professor at the SPH where he teaches as well as serves on dissertation and thesis committees. He has published peer reviewed literature and serves on many drinking water committees at the national (e.g. ASDWA), regional (e.g. New England Water Interstate Water Pollution Prevention and Control Commission) and state/local (e.g. NYS Water Management Advisory Council) level. He has helped to organize regional forums/conferences and has been an invited speaker to several different public forums. His work has been supported by both internal and external funds, and current external funding for two projects comes from the CDC (private water supplies, pharmaceuticals in private supplies from on-site waste water systems) and for one other project funding is from the US EPA (PCBs in Hudson River Drinking Water Supplies). In 2013 he served on several of the US EPA Technical Expert Panels on Hydraulic Fracturing and drinking water, and in 2007 he served on the US EPA Expert Panel on the Chemical Contaminant Candidate List (CCL3).