

Translating Science to Policy

Protecting Children's Environmental Health

SPEAKER BIOGRAPHIES

Rohit T. Aggarwala, Ph.D. is Director of the New York City Mayor's Office of Long-Term Planning and Sustainability. This office was charged with the creation of *PlaNYC A Greener, Greater New York*, a comprehensive sustainability plan consisting of 127 separate initiatives to green New York City. Dr. Aggarwala is now charged with implementing the plan and supporting other efforts related to the sustainability of New York City. Under his leadership the City has begun implementing over 90 percent of the 127 initiatives in PlaNYC, including regulations to make the City's taxicabs and black car fleets clean, planting a million trees throughout the five boroughs and overseeing the investment of \$80 million a year on to reduce City government's greenhouse gas. A native of Manhattan, NY, Dr. Aggarwala holds BA, MBA, and PhD degrees from Columbia University, as well as a Master's from Queens University in Ontario. Prior to joining the Bloomberg administration for the City, Aggarwala was a management consultant at McKinsey & Company. During the Clinton Administration, he worked at the Federal Railroad Administration. Aggarwala is also the author of several articles on transportation policy and on the history of New York City.

John M. Balbus, M.D., M.P.H. is the Chief Health Scientist for Environmental Defense Fund (EDF). He has authored studies and lectures on global climate change and health, transportation-related air pollution, the toxic effects of chemicals, and regulatory approaches to protecting susceptible subpopulations. Recent publications include the Climate Change Science Program's Synthesis and Assessment Product 4.6, for which he was a chapter co-author, and the EDF Report "Are We Ready? Preparing for the Public Health Challenges of Climate Change." Dr. Balbus is a member of the EPA Science Advisory Board, the National Research Council's Board on Environmental Studies and Toxicology and the EPA Children's Health Protection Advisory Committee. He received his A.B. degree in Biochemistry from Harvard University, his M.D. from the University of Pennsylvania, and his M.P.H. from the Johns Hopkins School of Public Health.

Linda S. Birnbaum, Ph.D., D.A.B.T., A.T.S., is Director of the NIEHS and the National Toxicology Program (NTP). Prior to her appointment as NIEHS Director, Dr. Birnbaum was a senior advisor at the Environmental Protection Agency (EPA), where she has served for 16 years as director of the Experimental Toxicology Division. She is a board certified toxicologist and has served as a federal scientist for nearly 29 years — the first ten of those at NIEHS — first as a senior staff fellow at the NTP, then as a principal investigator and research microbiologist, and finally as a group leader for the Institute's Chemical Disposition Group. Dr. Birnbaum has received numerous awards, including the Women in Toxicology Elsevier Mentoring Award, the Society of Toxicology Public Communications Award, EPA's Health Science Achievement Award and Diversity Leadership Award, and 12 Science and Technology Achievement Awards, which reflect the recommendations of EPA's external Science Advisory Board, for specific publications. The author of more than 600 peer-reviewed publications, book

chapters, abstracts and reports, Dr. Birnbaum's research focuses on the pharmacokinetic behavior of environmental chemicals; mechanisms of actions of toxicants, including endocrine disruption; and linking of real-world exposures to effects. She is also an adjunct professor in the School of Public Health, the Toxicology Curriculum, and the Department of Environmental Sciences and Engineering at the University of North Carolina, Chapel Hill, as well as in the Integrated Toxicology Program at Duke University. Dr. Birnbaum earned her M.S. and Ph.D. in microbiology from the University of Illinois, Urbana.

Cecil D. Corbin-Mark, M.Phil., is the Deputy Director for WE ACT for Environmental Justice. He is a life-long resident of Hamilton Heights in Harlem, New York, where his family has lived for the last six decades. He is the former Vice-President of his neighborhood association, and the former Chair of the Landmarks Preservation Committee of his Community Planning Board. Mr. Corbin-Mark either currently sits on, or has in the past served on, the following environmental boards, coalitions and committees: New York Jobs with Justice, Center for Environmental Health, Urban Wet Weather FACA for the U.S. EPA, the New York State DEC Urban Air Toxic Committee, New York State Cumulative Risk Assessment Work Group, New York City DEP Water Quality Citizen Advisory Committee, Manhattan Solid Waste Advisory Board, Clean Air Network, Association for Clean Water Action, Clean Products/Clean Production Network, Environmental Justice Fund, Organization of Waterfront Neighborhoods, the NYC Environmental Education Advisory Council. He is also a member of the Steering Committee for the Northeast Environmental Justice Network. Cecil has lectured on the environment and environmental justice at Hunter College, Teacher's College, The College of Mount St. Vincent, Buffalo State, Cornell University, Yale School of Forestry, and Columbia University School of Public Health. He received his undergraduate degree in political science at Hunter College, C.U.N.Y., and his graduate degree in political science at Oxford University in the United Kingdom, where he focused on radical political traditions of Africans of the Diasporas in the Americas.

Jay Feldman, M.S., Executive Director of Beyond Pesticides, is a cofounder of the organization and has served as its director since 1981. Jay has helped to build Beyond Pesticides' capacity to assist local groups and impact on national pesticide and alternatives policy. He has tracked specific chemical effects, regulatory actions, pesticide law, and safe pest management. His work with the media has helped to bring broader public understanding of the hazards of pesticides and availability of alternatives, especially organic. Jay provides policy direction and overall coordination of Beyond Pesticides' activities to control pesticides and promote non-chemical alternatives; writer/editor, Beyond Pesticides' quarterly newsletter *Pesticides and You*, since 1981; editor of Beyond Pesticides' *Daily News Blog*; organized or co-organized Beyond Pesticides' National Pesticide Forums held annually. Publications include numerous Beyond Pesticides' publications, including *Taking Toxics Out of Health Care*, *Ending Toxic Dependency*, *Safer Schools*, *The Schooling of State Pesticide Laws*, *Pole Pollution*, *Poison Poles*, *Voices for Pesticide Reform*, *A Failure to Protect*, *Safety at Home* and *Unnecessary Risks*, and numerous articles on pesticides and schools, food safety and agriculture, farmworker protection, landscape management, children and related issues. Mr. Feldman provides testimony regularly before the U.S. Congress since 1979 and on the *School Environment Protection Act* before the Department Operations, Oversight, Nutrition, and Forestry Subcommittee, Agriculture Committee, U.S. House of Representatives. He is the author of the *School Environment Protection Act*; co-author, *Organic Farming Act* and contributor to the *Organic Foods Production Act*. Jay has a Masters in Urban and Regional Planning from Virginia Polytechnic Institute and a B.A. from Grinnell College.

Linda P. Fried, M.D., M.P.H., Dean and DeLamar Professor of the Mailman School of Public Health, is a leader in the fields of epidemiology and geriatrics, and has dedicated her career to the science of healthy aging, particularly the prevention of frailty and disability, and the design of generative health-promoting roles for older adults. Dr. Fried co-founded Experience Corps, a community-based senior volunteer program that both serves the academic success of public school children and is a health promotion program for older adults. Dr. Fried is the recipient of numerous awards, including the APHA Archstone Award, the Maxwell Pollack Award of the Gerontological Society of America, and the American Geriatrics Society's Henderson Award for career contributions to research on aging. Dr. Fried is an elected member of the National Academy of Sciences' Institute of Medicine and has a Merit Award from the National Institute on Aging, and is a member of the World Economic Forum Council on the Challenges of Gerontology. Previously, Dr. Fried served as the Mason F. Lord Professor of Geriatric Medicine at Johns Hopkins University and held joint appointments in the Bloomberg School of Public Health and the School of Nursing. She directed The Johns Hopkins Medical Institutions' Center of Excellence for Aging Research, the Center on Aging and Health, and the Division of Geriatric Medicine and Gerontology and led studies on the causes and consequences of frailty, cardiovascular disease physical disability and cognitive decline among older adults. Dr. Fried received her M.D. from Rush Medical College in Chicago and her M.P.H. from Johns Hopkins.

Michel Gelobter, Ph.D., is the Founder of Cooler, Inc., a for-profit, social venture that provides easy ways for consumers and retailers to address the global warming impact of goods and services. Michel brings over 25 years of experience working on climate change, and led the national think-tank, Redefining Progress, in designing the world's most aggressive climate legislation (signed into California law in August 2006 by Governor Arnold Schwarzenegger). Dr. Gelobter has been a Congressional Black Caucus Fellow with the U.S. House of Representatives Energy and Commerce Committee; Director of Environmental Quality for the City of New York, and an Assistant Commissioner for its Department of Environmental Protection (with over 6,000 employees and a combined budget of over \$2 billion/year); and founder and director of the Environmental Policy Program at Columbia University's School of International and Public Affairs. Michel serves on the Advisory Board of Vice-President Al Gore's Alliance for Climate Protection, and the Board of the Natural Resources Defense Council among others. He earned his Ph.D, M.S., & B.S in Energy and Resources from U.C. Berkeley and is an alumnus of Deep Springs College.

Lisa P. Jackson, Administrator of the U.S. Environmental Protection Agency, leads a staff of approximately 18,000 professionals dedicated to protecting the public health and environment of all Americans. She was nominated to lead the Agency by President Barack Obama on Dec. 15, 2008 and confirmed by the Senate on Jan. 23, 2009. She is the first African American to serve in that position. Administrator Jackson lists among her priorities reducing greenhouse gas emissions, improving air quality, managing chemical risks, cleaning up hazardous waste sites, and protecting America's water. Before becoming EPA's Administrator, Jackson served as Chief of Staff to New Jersey Governor Jon S. Corzine. Prior to that, she was appointed by Governor Jon S. Corzine to be Commissioner of the state's Department of Environmental Protection (DEP) in 2006. While Commissioner, Jackson was known for her advocacy for reducing greenhouse gases, aggressively addressing pollution, and having an open and honest dialogue with stakeholders in the public policy process. She was also noted for ensuring that underserved communities received fair environmental protection under the law. Jackson joined N.J. DEP in 2002, serving as Assistant Commissioner for Compliance and Enforcement followed by Land Use Management before becoming Commissioner. Prior to joining N.J. DEP, she worked for 16 years as an employee of the U.S. EPA, initially at its headquarters in Washington and later at its regional office in New York City. Jackson is a summa cum laude graduate of Tulane University's School of Chemical Engineering and earned a master's degree in chemical engineering from Princeton University.

Daniel Kass, Ph.D., is Assistant Commissioner for the Bureau of Environmental Surveillance and Policy at the NYC Department of Health and Mental Hygiene, which provides epidemiologic, analytic, policy analysis and other services, promotes public awareness of environmental health, and works on a variety of urban environmental concerns. Mr. Kass also serves as the Principal Investigator on the agency's Environmental Public Health Tracking grant, a CDC effort to enhance environmental surveillance. Mr. Kass oversees New York City's Local Law 37 pesticide use reduction program, and has worked since 1998 to promote and evaluate safer pest control in urban settings. He is an appointed member of the US EPA's Pesticide Program Dialogue Committee. Mr. Kass was formerly Director of Evaluation for the NYC Childhood Asthma Initiative and Deputy Director for Environmental & Occupational Disease Epidemiology. Before joining the Department, he founded and directed the Hunter College Center for Occupational and Environmental Health. In 2008, he and other staff at BESP received the US EPA Regional Children's Environmental Health Champion Award for their work in understanding and preventing exposures to methylmercury. He earned a Sc.B. degree from Brown University and M.S.P.H degree from the UCLA School of Public Health, and completed doctoral studies at NYU's Wagner School.

Patrick Kinney, Sc.D., is Associate Professor and the Director of the program in climate and health at the Mailman School of Public Health. Dr. Kinney's teaching and research address issues at the intersection of global environmental change, human health, and policy, with an emphasis on the public health impacts of climate change and air pollution. His work in the 1990s on air quality and environmental justice in Northern Manhattan and the South Bronx led to important new insights into the impacts of diesel vehicle emissions on local air quality. He has carried out numerous studies examining the human health effects of air pollution, including studies of the effects of ozone and/or particulate matter on lung health and on daily mortality in large cities. More recently, he developed a new interdisciplinary research and teaching program at Columbia examining the potential impacts of climate change on human health. He was the first to show that climate change could worsen urban smog problems in the U.S., with adverse health impacts. He also has projected future health impacts related to heat waves in the NYC metropolitan area. In a new research initiative, he is working with clinicians at Columbia University Medical Center and New York-Presbyterian Hospital to understand how past and future climate may affect pollen-related allergic airway diseases. Dr. Kinney earned his doctorate at the Harvard School of Public Health, where he studied the effects of air pollution on lung function in children as part of the Harvard Six Cities Air Pollution and Health Study.

Philip J. Landrigan, M.D., M.Sc., the Ethel Wise Professor and Chair of the Department of Community and Preventive Medicine at Mt. Sinai, is a pediatrician, epidemiologist, and internationally recognized leader in public health and preventive medicine. Dr. Landrigan is known for his many decades of work in protecting children against environmental threats to health, most notably lead and pesticides. He has been a member of the faculty of Mount Sinai School of Medicine since 1985, Chair of the Department of Community and Preventive Medicine since 1990, and he is the Director of the Mt. Sinai Children's Environmental Health Center. He served for 15 years as an Epidemic Intelligence Service Officer and medical epidemiologist at the Centers for Disease Control and Prevention (CDC) and the National Institute for Occupational Safety and Health (NIOSH). He has also chaired committees at the National Academy of Sciences (NAS). The NAS report that he directed on pesticides and children's health was instrumental in securing passage of the Food Quality Protection Act, the only environmental law in the United States that contains explicit provisions for the protection of children. In 1997-1998, Dr. Landrigan served as Senior Advisor on Children's Health to the Administrator of the U.S. Environmental Protection Agency and was instrumental in helping to establish a new Office of Children's Health Protection at EPA.

He has published more than 500 scientific papers and 5 books. Dr. Landrigan received his undergraduate degree from Boston College, his medical degree from Harvard Medical School, a Diploma of Industrial Health from the University of London, and a Masters of Science in Occupational Medicine degree from the London School of Hygiene and Tropical Medicine.

Brian Lehrer is host of “The Brian Lehrer Show,” WNYC Radio's daily call-in program, covering politics and life, locally and globally. The show airs weekdays from 10 a.m. to noon on WNYC 93.9 FM, AM 820 and wnyc.org. “The Brian Lehrer Show” was recognized with a 2007 George Foster Peabody Award for “Radio That Builds Community Rather Than Divides.” Time Magazine has called Lehrer’s show “New York City’s most thoughtful and informative talk show.” Lehrer is also a commentator on local and national issues on television and in print. He has appeared on TV networks including CNN, MSNBC, Fox Newschannel, C-SPAN, ABC World News Now, and NY1. He has written op-ed pieces for publications including *The New York Times*, *The Daily News*, *Newsday*, *The New York Sun* and *Slate.com*. He also hosts a weekly television program on CUNY-TV, “Brian Lehrer Live” featuring issue-oriented web video. In addition to the Peabody, Lehrer has won numerous awards, including four Associated Press New York Broadcasters “Best Interview” Awards since 2000. Lehrer was a questioner in the 2006 televised campaign debates for U.S. Senate and Governor of New York, and in the televised New York City Mayoral Debates in 1997, 2001 and 2005. He has hosted his eponymous program, originally called “On The Line,” since its inception in 1989. Prior, he was an anchor and reporter for the NBC Radio Networks, and an award-winning author and documentary producer. Lehrer holds masters degrees in public health from Columbia University and journalism from Ohio State University and a bachelor’s in music and mass communications from the State University of New York at Albany.

Rachel L. Miller, M.D., FAAAAI is an Associate Professor of Medicine and Environmental Health Sciences at Columbia University, in the Division of Pulmonary, Allergy and Critical Care Medicine, and Deputy Director of Columbia Center for Children’s Environmental Health (CCCEH). Her research focuses on mechanisms for the onset of asthma and her clinical work specializes in the treatment of asthma and allergies. As Director of the CCCEH Asthma Project, Dr. Miller is studying a birth cohort from Northern Manhattan and South Bronx and determining the importance of environmental allergens, traffic-related pollutants, and phthalate exposure to the onset of clinical allergies, proallergic immune responses and asthma. A major emphasis is on the role of prenatal and early postnatal exposure on later pediatric and adolescent asthma risk. Additional areas of research include identifying novel genetic by environment interactions and epigenetic by environment interactions important to the onset of asthma. Recent work on antigen-specific immune responses to influenza vaccine *in utero* was cited by the journals *Nature* and *Science* on their websites. Dr. Miller’s medical office specializes in the treatment of asthma and allergies. Clinical trials also are conducted at the John Edsall-John Wood Asthma Center. She received her undergraduate degree from Harvard University, and her medical degree from New York University.

Erik D. Olson is the Director of Chemical and Food Safety Programs at the Pew Charitable Trusts. He was deputy staff director and general counsel of the Senate Committee on Environment and Public Works until November 2008, and has 25 years of experience in environmental policy and consumer advocacy. Mr. Olson is responsible for consumer product safety, including efforts to improve food safety, overhaul toxic chemical regulatory programs to better protect children and other vulnerable people, and establish safeguards for emerging risks in consumer products. During his Senate tenure, he worked on environmental issues and on health threats from toxic chemicals, playing a key role in major environmental legislation and hearings on global warming, toxic chemicals, children’s environmental health, clean air, drinking water, clean water and environmental justice, among other issues. He also

helped to negotiate the lead and phthalates provisions enacted in the Consumer Product Safety Improvement Act of 2008, and the green buildings and green schools provisions of the Energy Independence and Security Act of 2007. Prior to his Senate work, Erik worked for 15 years at the Natural Resources Defense Council, where he held various positions including advocacy center director, public health program director and a senior attorney. At NRDC, he worked extensively on toxic chemicals, pesticides, drinking water, hazardous waste, and many other environmental and health issues. He previously served as counsel for the National Wildlife Federation's environmental quality program for five years, and as an attorney for EPA's Office of General Counsel, working on hazardous waste and water issues. He graduated from the University of Virginia School of Law, where he was inducted into the Order of the Coif legal honor society and served as an editor of the environmental law journal, and from Columbia College of Columbia University, where he created an independent major in environmental biology and policy.

Frederica P. Perera, Dr.P.H., is a Professor at the Mailman School of Public Health, where she serves as Director of the Columbia Center for Children's Environmental Health and of the Disease Investigation Through Specialized Clinically-Oriented Ventures in Environmental Research (DISCOVER) Center. Dr. Perera pioneered the field of molecular epidemiology, beginning with studies of cancer and is now applying molecular techniques within studies of pregnant women and their children. Her areas of specialization include prevention of environmental risks to children, molecular epidemiology, cancer prevention, environment-susceptibility interactions in cancer, developmental damage, asthma, and risk assessment. She is the author of over 200 publications and has received numerous honors, including: First Irving J. Selikoff Cancer Research Award, The Ramazzini Institute (1995); *Newsweek*, The Century Club Award (1997); First Children's Environmental Health Award, The Pew Center for Children's Health and the Environment (1999); Distinguished Lecturer, National Cancer Institute, Occupational and Environmental Cancer (2002); Doctoris Honoris Causa, Jagiellonian University, Krakow, Poland (2004); Children's Environmental Health Excellence Award, U.S. Environmental Protection Agency (2005); and CEHN (Children's Environmental Health Network) Award (2008). Dr. Perera received her undergraduate degree from Harvard University and her Masters and doctoral degrees in public health from Columbia University.

Virginia Rauh, Sc.D., M.S.W., is a Professor of Clinical of Population and Family Health at the Mailman School of Public Health, and Deputy Director of Columbia Center for Children's Environmental Health. Dr. Rauh has been working in the field of perinatal epidemiology since 1982. Her expertise is in the area of low birth weight and preterm delivery, particularly with respect to socioeconomically disadvantaged and minority populations. She has been principal investigator on numerous major research projects, including a randomized intervention trial for low birth weight infants, a multi-site study of lifestyles in pregnancy, a study of developmental outcomes of children born to inner-city adolescent mothers, a multi-level analysis of the impact of Head Start on New York City school children, a study of the effects of air pollutants on pregnant women and their children, and a study of links between race, stressors, and preterm birth. Dr. Rauh serves as deputy director of the Columbia Center for Children's Environmental Health, where her work focuses on the adverse impact of exposure to air pollutants, including second hand smoke and pesticides; on pregnancy and child health; and the susceptibility of disadvantaged populations to environmental hazards. She is working with other Columbia faculty to study the effects of the World Trade Center disaster on pregnant women and newborns. Dr. Rauh is currently principal investigator for the Manhattan Site of the National Children's Study. She is the primary instructor for the Child Health course within the Heilbrunn Department of Population and Family Health.

Peggy Shepard is the Executive Director and Co-founder of WE ACT for Environmental Justice, also known as West Harlem Environmental Action. Founded in 1988 in West Harlem, WE ACT works to build community power to improve environmental health, policy and protection in communities of color. She is a recipient of the 2008 Jane Jacobs Lifetime Achievement Award from the Rockefeller Foundation, the 10th Annual Heinz Award for the Environment, and the Dean's Distinguished Service Award from the Columbia Mailman School of Public Health in 2004. WE ACT is a nationally recognized organization in the field of community-based participatory research in partnership with the Mailman School of Public Health at Columbia University. Ms. Shepard is a member of the National Children's Study Federal Advisory Committee to the National Institutes of Health. Ms. Shepard served as guest editor of an Environmental Health Perspectives monograph, *Advancing Environmental Justice Through Community-Based Participatory Research*, April 2002, and is co-author of "Promoting Environmental Health Policy Through Community Based Participatory Research: A Case Study from Harlem, New York," published in the *Journal of Urban Health*, Bulletin of the New York Academy of Medicine, Jan. 2006.

Sandra Steingraber, Ph.D., is an ecologist, author and cancer survivor. Steingraber is currently a Distinguished Visiting Scholar at Ithaca College. She is the author of *Post-Diagnosis*, a volume of poetry, and co-author of a book on ecology and human rights in Africa, *The Spoils of Famine*. She has taught biology at Columbia College, Chicago, held visiting fellowships at the University of Illinois, Radcliffe/Harvard, and Northeastern University, and served on President Clinton's National Action Plan on Breast Cancer. Steingraber is an internationally recognized expert on the environmental links to cancer and human health. Steingraber's highly acclaimed book, *Living Downstream: An Ecologist Looks at Cancer and the Environment* presents cancer as a human rights issue. Steingraber's new work, *Having Faith: An Ecologist's Journey to Motherhood*, explores the intimate ecology of motherhood. Both a memoir of her own pregnancy and an investigation of fetal toxicology, *Having Faith* reveals the alarming extent to which environmental hazards now threaten each crucial stage of infant development. In the eyes of an ecologist, the mother's body is the first environment for human life. Most recently, Sandra has contributed to *What We Do Now*, an anthology of individual manifestos outlining a series of passionate new ideas for living. Steingraber has won many awards for her work. Several interviews with Steingraber have appeared in *The Chicago Tribune*, *USA Today*, *The Cleveland Plain Dealer*, on National Public Radio, "The Today Show," and "Now" with Bill Moyers. She received her doctorate in biology from the University of Michigan and master's degree in English from Illinois State University.

Gina Solomon, M.D., M.P.H., is a Senior Scientist at the Natural Resources Defense Council (NRDC) and an Associate Clinical Professor of Medicine at the University of California at San Francisco (UCSF) where she is also the Director of the Occupational and Environmental Medicine Residency Program and the Associate Director of the UCSF Pediatric Environmental Health Specialty Unit. Her work has included over 40 scientific papers, book chapters, and reports on air pollution, pesticides, global warming, and other environmental and occupational threats to health. Dr. Solomon serves on the U.S. EPA Science Advisory Board Drinking Water Committee, the National Toxicology Program Board of Scientific Counselors, and the California Scientific Guidance Panel for biomonitoring. Dr. Solomon attended medical school at Yale and did her postgraduate training in internal medicine, public health, and occupational and environmental medicine at Harvard.

Robin M. Whyatt, Dr.P.H., is Professor of Clinical Environmental Health Sciences at the Mailman School of Public Health and is Deputy Director of the Columbia Center for Children's Environmental Health. Her research focus is on the effects of environmental exposures on women and children, including the developing fetus. This has included epidemiologic research on prenatal exposures to ambient air

pollution and cigarette smoking and research on effects of environmental exposures among African American and Dominican mothers and newborns from New York City. Dr. Whyatt's particular focus is on the extent of exposure to non-persistent pesticides (organophosphates, carbamates and pyrethroids) and phthalates during pregnancy among this minority cohort. She is also collaborating with the Centers for Disease Control on the validation of biomarkers of prenatal exposures to contemporary-use chemicals. Dr. Whyatt is principal investigator on a number of federal research grants and has published widely on use of biologic markers in studies of perinatal exposures. She has served on a number of federal committees including the National Academy of Science Committee on Human Biomonitoring for Environmental Toxicants, for the U.S. EPA on children's environmental health issues including considerations of developmental changes in behavior and anatomy when assessing exposures to children; on selecting the appropriate age groups for assessing childhood exposures to environmental contaminants; and on a framework for assessing health risks of environmental exposures to children. She also served as co-chair of the chemical exposures workgroup for the National Children's Longitudinal Cohort Study.