

## Speaker Bios for 2012 National Training Conference

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### **Troy D. Abel**

Troy D. Abel is an Associate Professor of Environmental Policy in the Department of Environmental Studies and the graduate program in Geography at Western Washington University. Dr. Abel's scholarship focuses on the environmental governance challenge of informing policy with sophisticated social and ecological science while simultaneously increasing transparency and public involvement in the development, implementation, and enforcement of environmental and conservation policies. He has explored why we often frame environmental problems and solutions in only technical or democratic prisms and how this hinders environmental governance. Professor Abel argues that we not only need better science and better governance, but a better integration of the two. The messy convergence and resolution of these rationalizing and democratizing impulses is a prominent feature of Dr. Abel's research programs on environmental justice, environmental information disclosure, and the conservation of biodiversity.

### **Kim Balassiano**

Kim Balassiano has a B.S. in Foreign Service from Georgetown University and an M.S. in Geography from the University of North Carolina at Chapel Hill. She has worked as an Information Management Specialist for EPA since 2007. She has 17 years of geospatial analysis and application development experience supporting the EPA, other federal agencies and academia.

Kim Balassiano is currently employed by EPA as an Information Management Specialist in the Office of Environmental Information (OEI). She is working on several application development projects including OEI's MyEnvironment, OEJ's EJView, and OW's Watershed Central wiki. Her branch is responsible for the development of geospatial and other applications, such as blogs and wikis, in support of the Agency's public access goals.

### **John Banks**

John Banks is the Director of the Department of Natural Resources for the Penobscot Indian Nation, a federally recognized Indian Tribe in Maine. Mr. Banks has served the Penobscot Nation in this capacity since 1980, following the enactment of the Maine Indian Land Claims settlement Act of 1980. As Natural Resources Director, Mr. Banks has developed and administers a comprehensive Natural Resources management program for his tribe, which advances an integrated management approach, in recognition of the interconnectedness of all things in the natural world.

Mr. Banks has served on many local, regional, and national organization boards including the National Tribal Environmental Council, Native American Fish and Wildlife Society, National Indian Policy Center, and the Tribal Operations Committee with USEPA.

Mr. Banks has a BS degree in Forest Protection from the University of Maine, where he was awarded an Indian Fellowship from the Office of Indian Education in Washington, DC.

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### **Eddie Bautista**

Eddie Bautista is an award-winning community organizer and urban planner, and is currently the Executive Director of the New York City Environmental Justice Alliance (NYC-EJA). In February 2010, Eddie resigned as Director of the Mayor's Office of City Legislative Affairs to take the reins at NYC-EJA. As Director, Eddie spearheaded efforts to pass several major pieces of legislation, including: the City's 20-year landmark Solid Waste Management Plan (which relied for the first time on principles of environmental justice and borough equity); the creation of the first municipal brownfields remediation office in the nation; the required retrofit of all diesel-powered school buses to reduce air pollution in bus cabins; and the Greater Greener Buildings Plan, the nation's first comprehensive package of legislation aimed at improving energy efficiency for large scale buildings. Eddie also facilitated meetings for policy advocates with Administration officials on a range of legislative and regulatory initiatives such as PlaNYC 2030 (NYC's environmental sustainability plan, which has become an international model for large cities) and Mayoral Executive Order 120 of 2008, which for the first time called for all City agencies to make services and documents available to immigrant New Yorkers in the top six languages spoken in the City.

Previously, Eddie was the Director of Community Planning for NY Lawyers for the Public Interest (NYLPI), where he served as the lobbying/communications/community organizing director for this non-profit civil rights law firm. At NYLPI, Eddie organized numerous grassroots coalitions and campaigns, including the Organization of Waterfront Neighborhoods (OWN) and Communities United for Responsible Energy (CURE), two citywide coalitions of community-based organizations which blocked the siting of mega-waste transfer stations, large power plants, incinerators and sludge plants in environmentally-burdened, low income communities of color, while changing City and State solid waste and energy policies. In 2003, Eddie was among 17 national winners of the Ford Foundation's Leadership for a Changing World awards. Six books feature or mention Eddie's work, including *Noxious New York: The Racial Politics of Urban Health and Environmental Justice*, by Julie Sze (2006); *We Won't Move: Community Planning in The Real Estate Capital of the World*, by Tom Angotti (2008); and *The Battle for Gotham: New York in the Shadow of Robert Moses and Jane Jacobs* by Roberta Brandes Gratz (2010).

### **Vasanthakumar Bhat**

Dr. Vasanthakumar Bhat has a Ph.D in Management Science, Master of Engineering in Industrial Engineering, and Bachelor of Technology in Mechanical Engineering. He has several years of experience in engineering and pharmaceutical companies. He is the author of two books, *Green Corporation: The Next Competitive Advantage* and *Total Quality Environmental Management: An ISO 14000 Approach* and several research papers on environmental management. Currently, he is a member of the faculty at the Lubin School of Business, Pace University, New York, NY.

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### **Sue Briggum**

Sue Briggum is the Vice President, Federal Public Affairs for Waste Management. Since 1987, Sue has been with the Washington, D.C. office of Waste Management, where she is responsible for advocacy regarding federal environment regulation and policy. She manages the company's sustainability reporting, and directs the company's public policy group.

Before joining Waste Management, Sue was an environmental lawyer with Piper & Marbury and its predecessor, Wald, Harkrader and Ross, where she co-authored two editions of the Hazardous Waste Regulation Handbook: A Practical Guide to RCRA and Superfund. She served on the U.S. Environmental Protection Agency's NACEPT Superfund Advisory Committees in 1994 and 2004; Title VI of the Civil Rights Act Advisory Committee; and Compliance Assistance Advisory Committee. She has served on the U.S. EPA's National Environmental Justice Advisory Council (as Council or work group member) from 1994 to the present. She co-chaired both terms of the National Environmental Policy Commission, convened at the request of the Congressional Black Caucus Foundation. She is on the Advisory Board of the Harvard Environmental Law Review.

Sue received her B.A. from the University of Pittsburgh; Ph.D. in English Literature from the University of Wisconsin (where she taught literature and business writing); and J.D. from Harvard University.

### **Steven Brown**

R. Steven Brown is the Executive Director. He joined ECOS in September 1996, after having assisted in ECOS' creation in 1993. He has worked on environmental protection since graduating from the University of Kentucky with an MS in Zoology and an MA in English in 1976. From 1985 to 1996 he was the director of The Council of State Governments' environmental policy center, where he conducted numerous environmental and technical policy studies on state-federal issues. He worked for Kentucky's Division of Air and the Division of Permits; later he spent four years with private engineering firms. A native Kentuckian, he is the author of numerous articles, monographs, and books on environment and technology. Some of the things Steve does for ECOS include:

- Working in concert with the officers and Executive Committee, oversees and manages entire ECOS operation;
- Organization's chief staff representative and spokesman on Capitol Hill, to federal agencies, to other state associations and to other organizations;
- Works with ECOS' primary committees to inform them of pending legislation and rule-makings, and to develop policy responses to them;
- Proposes and develops strategies for consideration by leadership;
- Chief staff liaison with government agencies;
- Works directly with ECOS Officers and Executive Committee on planning meetings to discuss policy and make organizational decisions.

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### **Jeffrey Burke**

Jeffrey J. Burke has been the Executive Director of the National Pollution Prevention Roundtable (NPPR) since August 2003. He is responsible for oversight of NPPR's budget, grant activities, workgroup coordination, and promoting pollution prevention (P2). He retired from EPA in January 2004 after twenty-four years of service, the last ten as the Regional P2 Coordinator. He was responsible for P2 grants, the National Environmental Performance Track program, development of the Region's Environmental Management System, and International P2 training. He has conducted P2 training workshops throughout the US as well as Poland, South Africa, China, Thailand, Dubai and Oman.

### **John Byrd**

John Byrd is Senior Instructor in the Finance and Managing for Sustainability programs at the University of Colorado at Denver's Business School. He is currently teaching a class (possibly one of only two in the US) on business and climate change. He has published about 30 academic articles, including articles on SO2 trading and how TRI and RSEI information affects stock prices of reporting companies.

Prior to earning his PhD in financial economics from the University of Oregon, he received an MPPM degree in public policy analysis from Yale University and a math degree from Fort Lewis College, Durango, Colorado. John and his family spend as much time as they can in the outdoors, especially cross-country skiing, backpacking and hiking.

### **Orlando Cabrera-Rivera**

Since 2007, Orlando Cabrera-Rivera has been the Manager of the Air Quality and Pollutant Releases Program of the Commission for Environmental Cooperation (CEC). He coordinates trilateral capacity building and environmental information analysis efforts aimed at enhancing the comparability and accessibility of pollutant release and transfer register (PRTR) systems, climate change, and air quality related information, designed to support sound environmental management and pollution reduction initiatives across North America.

Mr. Cabrera-Rivera has a bachelors of science degree in meteorology from the Department of Oceanic and Atmospheric Sciences at the University of Wisconsin-Madison, and a masters of science degree in land resources management from the Gaylord Nelson Institute for Environmental Studies at UW-Madison.

### **Myra Carpenter**

Myra Carpenter is the Corporate Environmental & Sustainability Manager for Michelin North America. She has worked for Michelin for 5 years and is responsible for developing and communicating corporate strategies within North America to address all environmental programs and policies of Group Michelin. She is also responsible for

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coordinating the sustainability efforts for the North American region. She currently serves as the Chairman of the South Carolina Environmental Excellence Program Advisory Committee as well as a member of the Interim Board of Directors for the recently launched Stewardship Action Council. Carpenter completed her undergraduate degree in 1982 at N.C. State University and completed a Masters of Science in Engineering from West Virginia University in 1989. She worked in product development and as an environmental manager in the building products sector prior to joining Michelin.

### **Doug Chatham**

Doug Chatham received the B.S. Chem degree from the University of Georgia and the M.S. Chem degree from Georgia Inst. Of Tech. He has worked as a nuclear chemist, a process chemist and troubleshooter, and an environmental chemist.

As an environmental chemist, he worked as a project manager with a Superfund contractor, Senior chemist for an environmental engineering firm, and Environmental Specialist for the Air Monitoring group with the State of Georgia. He also worked as the air contact for the Army Reserves and conducted Environmental Baseline Surveys for the Marines and Navy in support of an effort to privatize base utilities.

He is currently working with Region 4 EPA in the TRI program as a SEE enrollee.

### **John Chelen**

John C. Chelen, President of Hampshire Research, is an attorney and systems engineer with substantial experience with environmental, energy, and health issues. He holds degrees from Carnegie-Mellon University and the University of Pittsburgh School of Law and has studied graduate economics at Georgetown University. He has been funded by EPA and other federal agencies, the World Bank, and numerous foundations, to work on environmental and information research and development initiatives. Most recently he has been involved with a high-tech transportation start-up.

### **Yu Cong**

Yu Cong is an assistant professor at Morgan State University in Baltimore, Maryland. In his research he investigates the effectiveness of environmental performance, environmental disclosure and their impacts on the financial performance, operational efficiency and reputation of firms. His research also examines the relationships among corporate governance, environmental performance and environmental disclosure. Additionally, he works on projects on the assessment of the quality and integrity of EPA datasets and on the models to assure the quality and integrity. The outcomes of these projects are utilized in his research papers and shared in the environmental accounting research community. His research has been published in a number of academic and practitioner's journals. He received a Ph.D. from Rutgers University.

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### **Elizabeth Connors**

Elizabeth Connors is a Lecturer in the Accounting Group in the College of Business Administration at Northeastern University in Boston. Her research focuses on the effect of corporate environmental performance on various measures of financial performance and risk. Her most recent projects attempt to identify the environmental performance metrics favored by public corporations in their Annual Reports (10-Ks) and Sustainability Reports and the factors that influence the disclosure choices. She earned her Ph.D. in Accounting from Michigan State University and received an M.S. in Accounting from the University of Massachusetts at Amherst.

### **Cecil D. Corbin-Mark**

Cecil D. Corbin-Mark is the Deputy Director and Director of Policy Initiatives at WE ACT for Environmental Justice. One of the first environmental organizations in New York State to be run by people of color, and the first environmental justice organization in New York City, WE ACT for Environmental Justice was founded and incorporated in 1988. WE ACT works to inform, educate, train and mobilize the predominately African-American and Latino residents of Northern Manhattan on issues that impact their quality of life – air, water, indoor pollution, toxins, land use and open space, waterfront development and usage, sanitation, transportation, historic preservation, regulatory enforcement, and citizen participation in public policy making.

### **Susan Day**

Susan Day (Abt Associates Inc.) has supported the TRI program since 1989, providing regulatory and economic support for almost every TRI rulemaking since the inception of the program. She has extensive institutional knowledge of the TRI program and has contributed to TRI analyses profiling industries and chemicals for potential addition to the TRI program, addressing data quality and providing context for the data. Ms. Day holds a bachelor's degree in economics and a master's degree in resource economics.

### **Steve DeVito**

Steve DeVito has worked in the TRI Program since joining EPA in 1989. Steve provides scientific and other technical support to the TRI Program, and has been directly involved in most of the TRI Program's major rulemaking activities. Steve is currently the Chairperson of EPA's Office of Information Access and Analysis' TRI Data Analysis Team: a multidisciplinary team that provides expert technical, analytical, and consultative support regarding TRI data, its use, and information derived from it, to EPA programs and other governmental organizations, as well as non-governmental organizations and the public. He is a member of the North American Commission of Environmental Cooperation's Pollutant Release and Transfer Registry Working Group, where he represents EPA's TRI Program. He is also actively involved in leading efforts that are aimed at advancing and improving



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the services the TRI Program provides to its customers, and improving the quality of TRI data.

Steve was born and raised on Long Island, New York, is married and has two children. He holds a Ph.D. degree and M.S. degree in Medicinal Chemistry, and a B.S. degree in Pharmacy (St. John's University, New York City), and is licensed to practice pharmacy in New York and Virginia. He is the recipient of many EPA awards and honors, has written two books, and has published many scientific articles and book chapters. Steve has an active interest in U.S. military history. In his spare time, Steve likes to look for Civil War artifacts near his home in Virginia.

### **Teresa DeVoe**

Teri DeVoe has an M.A. in art history and an M.S.L.S. from the School of Information and Library Science at UNC-Chapel Hill. Teri worked in the reference and interlibrary loan departments of the EPA-RTP Library before moving to Headquarters as the contract EPA Library Network Coordinator. As an ASRC Primus contractor, she supports the National Program Manager, provides communication and outreach support for the entire Library Network, and serves as a "librarians' librarian" to her colleagues at EPA.

### **Glen Dowell**

Glen Dowell is an Assistant Professor of Management and Organizations at the Johnson Graduate School of Management, Cornell University and a faculty member at the Center for Sustainable Global Enterprise at Johnson. His research investigates factors that affect firms' environmental performance. His research has been published in *Management Science*, *Strategic Management Journal*, *Organization Science*, and a number of other top management journals.

Glen received his Ph.D. from the University of Michigan and also holds an MBA from McGill University and a Bachelor Degree in Commerce from the University of Alberta. He is a member of the Academy of Management, Strategic Management Society, and is a board member at the Alliance for Research on Corporate Sustainability (ARCS).

### **Natasha Dwyer**

Natasha Dwyer is a master's candidate in City and Regional Planning at Pratt Institute. She is currently working as a graduate research assistant with the New York City Environmental Justice Alliance (NYC-EJA). She received her BA from the University of Buffalo, SUNY.

### **Rich Engler**

Rich Engler is a chemist in the Office of Pollution Prevention and Toxics at US EPA. He works with EPA's Existing and New Chemicals Programs as well as the Risk-Screening

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Environmental Indicators, Green Chemistry, and Marine Debris Programs. He is also a key member of the team developing OPPT's enterprise architecture for Toxic Substances Control Act Data. He has won numerous awards for his work at EPA including the James W. Craig Pollution Prevention Leadership Award and 3 bronze medals. Before joining EPA in 1997, he taught Organic Chemistry at the University of San Diego. He earned his doctorate in physical organic chemistry from the University of California, San Diego.

### **Carol Farris**

Carol Farris is a Senior Chemist currently running EPA's Green Chemistry Program. The mission of the program is to protect the environment by speeding the adoption of green chemistry in industry and academia. Its major activity is presenting the Presidential Green Chemistry Challenge Awards annually.

Carol received her BA in Chemistry from Pomona College and her PhD in Biological Chemistry from Harvard University. Following post-doctoral research as a Staff Fellow at the National Institutes of Health, she joined EPA in 1978. Her EPA experience includes developing technical review procedures for Premanufacture Notifications (PMNs) under the Toxic Substances Control Act (TSCA), managing the TSCA Inventory as Chief of the Chemical Inventory Section, working in a now-defunct Policy Staff in the immediate office of the Office of Pollution Prevention and Toxics, and working with EPA's Green Chemistry Program since it started. With Paul Anastas, she co-edited "Benign by Design", the first book in the green chemistry area by EPA staff. With Steve DeVito, she wrote a PMN chemistry assistance book.

Outside the office, when not involved in family activities, Carol sings: she is section leader of the Alto 2 section of the Washington Chorus, a large symphonic chorus. In 2000, the chorus won the Grammy for Best Choral Performance. As a Grammy winner, Carol is also a voting member of the Recording Academy. She also volunteers for the Smithsonian's Resident Associate Program, helping with a variety of lectures, performances, and bus tours.

### **William Finan**

Bill has worked on EPCRA issues since 1986 when he worked on the original implementation guidance (a purple book). Subsequently he helped develop the Hazardous Materials Emergency Planning Guide (also known as NRT-1 or "the orange book"). He also helped develop the Hazards Analysis Guide ("the green book") and provided training to LEPCs and SERCs throughout the country. Bill delivered training on EPCRA principles in Madras and Bombay (India) as well as in Thailand and Mexico City. Bill prepared fact sheets summarizing EPCRA success stories in various parts of the country, as well as fact sheets on specific chemicals, their hazards, and steps LEPCs were taking to deal with the chemicals.



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### **Becca Fink**

Becca Fink is an analyst with Abt Associates. Over the past five years, she has undertaken a wide range of analyses and information products for EPA's TRI Program, including developing outreach materials and tutorials for those interested in accessing and using TRI information, assessing the quality and potential uses of the source reduction information available in TRI, and conducting regulatory impact analysis for TRI rulemakings. Becca received a B.S. in Biology from Duke University in Durham, NC.

### **Martin Freedman**

Martin Freedman is a professor of accounting and director of the graduate accounting program at Towson University in Maryland. He is the co-author of a book on air and water pollution and is the founding co-editor of the journal *Advances in Environmental Accounting and Management*. Professor Freedman has published over forty refereed academic articles and most of these articles are concerned with social/environmental/sustainability accounting. He is also on the editorial boards of *Accounting, Auditing Accountability Journal*, *Accounting and the Public Interest*, *Advances in Public Interest Accounting*, *Research on Professional Responsibility and Ethics in Accounting*, *Issues in Social and Environmental Accounting* and the *International Journal of Critical Accounting*.

### **Shelley Fudge**

Shelley Fudge is the US EPA Office of Environmental Information/Environmental Analysis Division's lead staffer for the new TRI Community Engagement Initiative, including the newly launched TRI Community Engagement Pilots Project. In her 20 years of experience with the US EPA, she has worked in various capacities and in a variety of programs, including the TRI program, community-based ecosystem protection, aquatic habitat protection, concentrated animal feeding operations, climate change/energy efficiency, RCRA, and underground storage tanks. Previous to working at EPA, Shelley worked for the US Forest Service and National Park Service, as well as the City of Philadelphia. She received a Masters degree in Public Administration from the University of Pennsylvania, with an emphasis on environmental management. In addition to her work at the US EPA, she has served for many years as a volunteer community organizer in Silver Spring, MD.

### **Eli Golfer**

Eli Golfer is the Environmental Compliance Specialist responsible for the Covanta Resource Recovery Facility located in Montgomery County, Maryland. His responsibilities include Title V compliance, coordination of environmental programs, and regulatory reporting. Eli has spent a total of nine years in the environmental management field in a similar position with a variety of industries including land development and local government. He joined Covanta after leaving a position with a building materials company.

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### **Michael Green**

Michael Green is the founder and executive director of the Center for Environmental Health in Oakland, California. He promotes CEH to raise public awareness of the corporate use of toxic chemicals and of the many viable, pragmatic solutions to this pervasive threat to public health. He founded CEH in 1996 and since then has helped lead national efforts to stop toxic exposures and protect public health. He has also pioneered the groundbreaking legal work that has won landmark victories to protect the public from hazardous consumer products and toxic emissions.

### **Carol Ann Gross-Davis**

Carol Ann Gross-Davis is an environmental scientist for the US EPA Region 3 office, Air Protection Division in Philadelphia, PA. Ms. Gross-Davis is also an Adjunct Assistant Professor in Environmental and Occupational Health at Drexel University School of Public Health, through a US EPA Intergovernmental Personnel Agreement.

Ms. Gross-Davis is currently a PhD candidate in Epidemiology at Drexel University School of Public Health, and received her MS from Drexel University, College of Engineering, in 2001. She obtained her BS in Biology from Cabrini College in 1991. She has been trained in the fields of environmental science, engineering and epidemiology, and uses these principles to execute environmental policy and regulations to address the quality of our environment and the connection to our quality of life.

Ms. Gross-Davis has 20 years of experience as an environmental scientist in a broad range of environmental programs at the federal, state and local government levels, focused on implementing and developing regulations and policy to support various initiatives, including Community Air Toxics, Brownfields Program and Hazardous Waste Program, Water Management Program and Partnerships and Innovation with Stakeholders.

### **Rachel Guy**

Rachel Guy is the Environmental Programs Specialist for DM Petroleum Operations Company in New Orleans, Louisiana. Rachel received her Bachelor of Science from Louisiana Tech University in 2007. She then went on to earn her Master of Public Health from Louisiana State University Health Sciences Center in New Orleans, Louisiana in May of 2009. Rachel has been employed with DM Petroleum Operations Company since April of 2009. She is currently working towards her doctorate degree in Public Health.

### **Eva Hanhardt**

Eva Hanhardt is a City and Environmental Planning Consultant and has been an Adjunct Assistant Professor of Urban and Environmental Planning at Pratt Institute since 1997, and until 2008 was the Coordinator of the Pratt Institute Environmental Management Systems Masters Degree Program. A practicing planner, Eva's interests and professional activities have centered around community-based and environmental planning. She directed the Municipal Art Society Planning Center whose mission is the support of community based planning in low and moderate-income communities and was the co-director of the

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ImagineNY project which received an APA National award in 2002 for its facilitation of broad public participation in decisions relating to New York City's recovery and rebuilding after the tragedy of 9/11. In addition, Eva worked for many years as a planner for the New York City Department of City Planning, both as a comprehensive and as a community planner and was a principal author of numerous planning studies and zoning texts including the 1992 Comprehensive Waterfront Plan and NYC Waterfront Zoning Text.

Eva has long been an active member of NYC's environmental planning community. At the New York City Department of Environmental Protection she directed a unit that assisted businesses in environmental compliance, pollution prevention and sustainable development practices. In that capacity, she served on several EPA and State Department of Environmental Conservation Advisory Boards and Task Forces. As Director of the Greenpoint/Williamsburg Environmental Benefits Program she supported the development of one of the earliest Community GIS systems and worked closely with NYC Environmental Justice organizations. In addition to numerous planning reports and zoning texts, Eva's writings include "Problems and Prospects for Healthy Mixed Use communities in New York City" which was published in the journal "Planning Practice and Research" in 2001.

### **Charles Harewood**

Mr. Harewood is Lead Sustainability Integration Engineer in the Environmental Protection Agency (EPA), Region 2, New York City office. Mr. Harewood joined EPA as an Environmental Engineer in 2003, where he was the Special Assistant to the EPA Region 2, Regional Administrator for two and half years, who's responsible is to administer federal environmental programs in cooperation with New York, New Jersey, Puerto Rico, Virgin Islands and seven federally recognized Indian Nations. Prior to EPA, he worked at General Electric Company as Process Engineer in Plastic and Specialties Division. He holds a Master's degree in Economics, and Bachelor in Chemical Engineering from The City College of New York, City University of New York.

### **Rita J. Harris**

Rita J. Harris is a long-time social justice activist/advocate and is a lifelong Memphian. She has worked on air toxics and environmental justice issues for the past 20 years. Rita Harris began work as a community organizer with the Mid-South Peace & Justice Center and later served as executive director (during 1990-1998). Ms. Harris has worked for more than 20 years with a number of non-profit organizations and has served as a member of the Board of Directors of the Mississippi River Basin Alliance (Minneapolis, MN), the statewide Tennessee Clean Water Network (Knoxville, TN), and Mid-South Peace & Justice Center. Appointed by EPA Administrator Carol Browner to serve on the National Environmental Justice Advisory Council (NEJAC) 1997-2001, she served on the Enforcement Sub-Committee and the Federal Facilities Workgroup. She is currently serving on the School Air Toxics Monitoring Workgroup of EPA's NEJAC, as well as the Center for Disease Control (CDC) and the Agency for Toxic Substances & Disease Registry's (ATSDR) Serving

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Communities Workgroup. She has worked for the Sierra Club's Environmental Justice Program for eleven years and has worked with neighborhoods concerned about health impacts of air toxics, hazardous waste, water pollution, contaminated properties, and promotes anti-racism and cultural competency throughout the activist community.

### **Erin Heaney**

Erin Heaney is the executive director of the Clean Air Coalition of Western New York. The Coalition builds power by developing grassroots leaders who run and win campaigns that advance environmental justice and public health in Western New York. The Coalition organizes to reduce emissions from industrial polluters in the town of Tonawanda, from dirty diesel trucks at the Peace Bridge Plaza on Buffalo lower west side and for the enforcement of community-right-to-know laws in Erie County. Erin has brokered good neighbor agreements between residents and industry and has worked closely with the town of Tonawanda, USEPA and NYSDEC to develop the E3 Tonawanda program. Erin was the lead organizer on the campaign for enforcement action at Tonawanda Coke Corporation that resulted in 20 federal indictments and a consent order with the company to reduce benzene emissions by two-thirds. In 2010, Erin was awarded EPA Region 2's Environmental Quality Award for her work in Tonawanda. Erin serves on the Steering Committee of the Western New York Environmental Alliance and is the founding co-chair of the organization's Environmental Justice Working Group. Erin has a bachelor's degree from Swarthmore College in political science with a concentration in democratic participation and public policy.

### **Alan D. Hecht, Ph.D.**

Dr. Hecht a recipient of the Presidential Rank Award for Meritorious Service is Director for Sustainable Development in the Office of Research and Development (ORD) at the U.S. Environmental Protection Agency (EPA). Since 2003 he has led ORD's planning on sustainability research. Currently he is senior advisor on sustainability to Assistant Administrator for ORD. On detail to the White House, from 2001 to 2003 he was Associate Director for Sustainable Development at the Council on Environmental Quality (2002–2003) and Director of International Environmental Affairs for the National Security Council (2001–2002) where he served as White House coordinator for preparations for the World Summit on Sustainable Development. At EPA From 1989 to 2001, he served as the Deputy Assistant Administrator for International Activities and Acting Assistant Administrator for International Activities from 1992 to 1994. During this period he led EPA's negotiations for the side agreement to the NAFTA, launched the US-Mexico Border Program, initiated new EPA efforts on environmental security and served as senior advisor to the Administrator for the Earth Summit in Rio in 1992. Before joining EPA, Dr. Hecht was Director of the National Climate Program at the National Oceanic and Atmospheric Administration (1981–1989) and Director of the Climate Dynamics Program at the National Science Foundation (1976–1981). Dr. Hecht was instrumental in helping to create the Intergovernmental Panel on Climate Change (IPCC.) Dr. Hecht has a Ph.D in geology and geochemistry from Case Western Reserve University. He has written extensively on climate change and

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sustainability. One of his most recent publications is “EPA at 40: Bringing Environmental Protection into the 21st Century” ES&T, 209, 43, 8716-8720.

### **Malcolm D. Jackson**

Malcolm D. Jackson is EPA’s Assistant Administrator for the Office of Environmental Information and Chief Information Officer. In this dual role, Mr. Jackson is responsible for IT operations and security, information quality and collection, and access to environmental information including the Toxics Release Inventory. His leadership focus includes IT strategic planning and governance, IT investment management and government transparency.

Malcolm D. Jackson was appointed to serve this role by President Barack Obama. Prior to being confirmed by the Senate in June 2010, Mr. Jackson served as the Senior IT Business Unit Director of CIGNA Group Insurance. At CIGNA, he managed all IT aspects that supported short term disability, long term disability, life and accident insurance products and services. From 2006 to 2008, Mr. Jackson also served as the Senior IT Business Unit Director for CIGNA Insurance Corporate Business Functions. During this tenure, Mr. Jackson directed the development of IT applications for Human Resources, Finance, Legal and Public Affairs, and Investments. In addition, Mr. Jackson had IT oversight for Corporate-Owned Life Insurance, Reinsurance, and Settlement Annuities.

Prior to joining CIGNA Insurance, Mr. Jackson held various positions in the areas of IT, engineering, marketing and general business management at Monsanto, Quaker Oats, General Dynamics, and Shell Oil Company. He has a broad business background which included consumer packaged goods, defense contracting, agriculture, pharmaceuticals, and the oil and gas industries. Throughout his career, Mr. Jackson has developed expertise in IT strategy, large-scale enterprise resource planning, performance metrics development, and business process re-engineering.

Mr. Jackson was a Board member of the Children’s Literacy Initiative in Philadelphia and the Jackson State University National Alumni Association, where he chaired the membership committee. Mr. Jackson holds a B.S. from Jackson State University and an M.B.A. from Northwestern University, J.L. Kellogg School of Management.

### **Elizabeth Jerue**

Elizabeth Jerue is 16 years old and a Junior at Effie Kokrine Charter School in Fairbanks, Ak. She is Deg Hit’an Athabascan, from the small village of Anvik on the Yukon River. She has two older sisters and one younger brother. She has lived a subsistence lifestyle with her family most of her life and went to Fairbanks for High School. She is accomplished basketball player and is a good hunter.

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### **Carey A. Johnston, P.E.**

Carey Johnston has seventeen years experience with U.S. Environmental Protection Agency in the fields of site remediation and wastewater pollution control. Mr. Johnston works in the Office of Enforcement and Compliance Assurance and is working on a proposed rulemaking to change the current paper-based reporting system for the Clean Water Act NPDES permit program to an electronic system. He is also the lead developer for the DMR Pollutant Loading Tool, which is a new tool designed to help you determine who is discharging, what pollutants they are discharging and how much, and where they are discharging. Mr. Johnston has a B.S degree in mechanical engineering from the University of Virginia and a M.S. degree in environmental engineering from Virginia Tech. Mr. Johnston is also a licensed Professional Engineer in the Commonwealth of Virginia.

### **Alex Klaessig**

Alex Klaessig is a senior analyst with Abt Associates. Among other things, he works with EPA on TRI and the Greenhouse Gas Inventory's parent company information. Before that, he was a national program manager for EPA's Facility Registry System and the geospatial line of business. Alex received a masters of public policy at Washington, D.C.'s American University.

### **Kara Koehn**

Kara Koehn works in the US EPA's Office of Environmental Information (OEI) in Washington DC. Before coming to EPA she majored in biology at Davidson College, and earned a Masters in environmental health and toxicology at Duke University. At EPA, Kara is the staff lead for the Toxics Release Inventory (TRI) National Analysis, which provides EPA's analysis of TRI data to the public. She is also involved in projects having to do with risk communication, environmental justice, pollution prevention and university student engagement.

### **Erica Lasdon**

Erica Lasdon is a Senior Sustainability Analyst and Manager, Portfolio at Calvert Investments. Ms. Lasdon focuses on human rights and corporate governance issues and is responsible for covering the biotechnology, metal production, water and internet industries. As Manager, Portfolio, she manages the department's relationships with the portfolio managers for Calvert's screened equity funds. Prior to joining Calvert in 2005, Ms. Lasdon served as Deputy Director of Research for People for the American Way Foundation, where she authored numerous reports on civil rights and civil liberties issues. She earned a BS in Biology and a BA in History from the University of California at San Diego.



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### **Arnold E. Layne**

Arnold is the Director of the Office of Information Analysis and Access within the Office of Environmental Information at the United States Environmental Protection Agency. He has over 29 years as a public servant and senior Federal manager with knowledge, education and expertise in leading government organizations.

Arnold holds a masters degree in Public Administration and Management from The George Washington University, as well as a B.S. and M.S. degrees from Howard University. Arnold has held several positions in private industry and other government entities including the Department of Justice's Drug Enforcement Administration, the Food and Drug Administration, and the Walter Reed Army Institute of Research.

In 1989, Arnold came to the United States Environmental Protection Agency (EPA) because of its progressiveness and inspiring mission. Arnold was appointed to the Senior Executive Service in 2003 in EPA's Office of Pesticide Programs. Arnold has held several leadership positions throughout the EPA in the Office of Administration and Resource Management, the Office of Chemical Safety and Pollution Prevention, the Office of Water, the Office of Solid Waste and Emergency Response, and the Office of Environmental Information (OEI). He is currently serving as Office Director in the Office of Information Analysis and Access within OEI.

Arnold is originally from Brooklyn, New York, is married with two sons, and enjoys traveling, sports, cooking, being a "foodie," raising his sons, and mentoring a vast number of EPA employees.

### **Lily Lee**

Lily is the Toxics Release Inventory Coordinator for USEPA's Region 9, which covers the Pacific Southwest areas of California, Nevada, Arizona, Hawaii, and the Pacific Islands. In her fourteen years in the Region's San Francisco office, she has served as Manager of the Environmental Justice Program and as Guam Program Manager. Lily also spent six years in the City of East Palo Alto redeveloping brownfields sites in an environmental justice community, for which she received the Administrator's Award for Excellence. Most recently, she led community planning, permitting, and fundraising to clean up a nine-acre former burn dump to create a new bayfront nature park, which will open to the public in summer 2012. Previously at USEPA Headquarters, Lily served as the Special Assistant to then-Administrator Carol Browner for Environmental Justice, the first permanent staff in that position. She also worked on Climate Change, Superfund Reauthorization, and Urban Economic Development at US EPA's policy office. Lily did a detail to the Office of then-Congressman Norman Mineta while in Washington, D.C., as well. As community service, Lily has previously joined the Boards of the Environmental Leadership Program, Afro-Asian Relations Council, and Asian Pacific Islander Domestic Violence Resource Project.

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### **Jacob Lesser**

Jacob Lesser received his B.A. in Environmental policy and is currently working on his M.S. in Geography from Huxley College of the Environment in Bellingham, WA. In addition to his thesis work on wildland fire, Jacob has been working on several web mapping projects for the Institute for Spatial Information and Analysis. At the institute, Jacob creates systems that empower individuals and communities to better understand their environment and take ownership of its protection through the use of civic cartography.

### **Tara Lindsay**

Tara Lindsay is currently the Vice President of Human Resources with West Liberty Foods, LLC. She has held various positions since joining the team in 2000. West Liberty Foods began their operations in 1997 and has rapidly expanded to 3 production facilities located in Iowa and Utah. In addition, West Liberty Foods created Hearts & Hands Children's Academy to provide daycare and preschool opportunities for team members' families at their Utah facility. In her current role, Tara provides guidance in implementing leadership and organizational development opportunities for West Liberty Foods. Tara earned her Secondary Teaching degree from the University of Northern Iowa. She also holds a Masters in Counseling from the University of Iowa. Tara and her husband, Rick, enjoy traveling, golfing, and spending time with family and friends.

### **Nora Lopez**

Nora Lopez has a BS in Chemistry from the University of Puerto Rico and a Master in Public Health from The University of Michigan with a concentration in Environmental Health. She has been the Toxic Release Inventory Coordinator at the United States Environmental Protection Agency since the program started in 1986. She developed and implemented regional EPCRA Section 313 technical guidance and compliance assistance outreach activities for industry, State and local agencies as well as the regional office. She consults in enforcement activities for the region. She is in charge of planning and implementing comprehensive outreach programs for the general public. In addition she has represented USEPA internationally at Pollutant Release Transfers Registers efforts in South Korea, Mexico, Costa Rica, Chile, Argentina, and Ecuador, most of them sponsored by the United Nations. Nora is also the Region 2 Chemical Right to Know Coordinator for the Office of Prevention Pesticides and Toxic Substances covering initiatives like the High Production Volume Challenge (HPV), Emerging Chemicals, Imports and Mercury.

She has also worked in the manufacturing, pharmaceutical and waste treatment sector in the US, Puerto Rico and Mexico.

### **Allison Martin**

Allison Martin is a Graduate Intern with EPA's Tribal Science Program in the Office of Research and Development. Allison is part of the dynamic team developing the Tribal-Focused Environmental Risk and Sustainability Tool (Tribal-FERST), a web-based

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geospatial decision support tool and research framework to provide tribes with easy access to the best available human health and ecological science. Allison is also working closely with the National EPA-Tribal Science Council to integrate the National Tribal Science Priorities into EPA research and activities.

Allison holds a master's degree in Natural Resources and Sustainable Development from the University for Peace in Costa Rica, and a master's degree in International Affairs from American University. Her graduate research centered on the importance of Traditional Ecological Knowledge and American Indian participation in addressing science and policy issues related to climate change. Allison received a bachelor's degree from the University of Virginia, and she has gained firsthand knowledge of environmental and community development issues through her agro-forestry fieldwork in Kenya.

### **Manny Masony**

Manny Masony is the Special Projects Director for the Yukon River Inter-Tribal Watershed Council (YRITWC). The YRITWC was founded in 1997 as an international organization, and today it is a coalition of 70 sovereign Tribal and First Nation governments located along the Yukon River throughout Alaska and Canada. Manny developed the Youth Education Program, known as the Edventure Project, which represents 70 communities, 51 schools in 12 districts, and 5165 students within the Yukon River Watershed.

Before joining the YRITWC, Manny spent 12 years in the airline industry, where he started the Air Backhaul Program at Everets Air Cargo. For this program, he utilized empty cargo aircraft to remove recyclables and hazardous waste materials from rural, remote Alaskan villages so that those materials could be properly and safely disposed. In addition, Mr. Masony facilitated trainings, and educational programs for community members and participants to aid in the sustainability of managing the Backhaul Program so that it would function indefinitely.

### **Cindy McComas**

Cindy McComas is Adjunct Professor in the Department of Bioproducts and Biosystems Engineering at the University of Minnesota teaching a fall course on pollution prevention and energy efficiency. She also recently served as a researcher for the Institute on the Environment's NorthStar Initiative for Sustainable Enterprise at the University of Minnesota, focusing on a project to increase business investments in industrial energy efficiency.

Cindy served as Director of the Minnesota Technical Assistance Program (MnTAP) at the University of Minnesota from 1985 to 2010 which provides pollution prevention and energy efficiency technical assistance to Minnesota's industry.

During 1980-1984, Ms. McComas worked as a program manager with the Gas Research Institute in Chicago on technologies to convert biomass and wastes to methane.

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She graduated from the University of Minnesota with a M.S. in Civil Engineering and from Texas Christian University with a B.S. and M.S. in Environmental Sciences. She is a lifetime member of the National Pollution Prevention Roundtable (NPPR) since 1985, and has served on the Board of Directors, the Membership Committee, and the NPPR Research, Technology, and Energy Workgroup. In addition to membership in the Minnesota Wastewater Operators Association, she has been involved with the Air and Waste Management Association since 1980 as Upper Midwest Section Past Chair, Membership Chair, and faculty contact for the student group.

### **Mark McDermid**

Currently, Mark is the Bureau Director for Cooperative Environmental Assistance at the Department of Natural Resources (DNR) in DNR's new Office of Business Support and Sustainability. The Bureau administers Wisconsin's environmental performance program, Green Tier. In addition to Green Tier, the program works to support business sectors and their pursuit of sustainable practice. He has served on several policy advisory bodies to the United States Environmental Protection Agency and has been the chair of the National Quick Silver Caucus (Mercury Policy Development and Implementation Coalition). He is currently on the Board of Directors for the National Stewardship Action Council. He has previously served in DNR field operations as well as other management positions in the Department of Natural Resources' Air and Waste Division.

He started his career in the Office of the Wisconsin Assembly Majority Leader and went on to assignments with the Governor's Commission on State/Local Relations and Financing Policy, as internal auditor in the Department of Veterans Affairs, and negotiator for nursing home rules and rates. Prior to rejoining the Department of Natural Resources in 1994 worked on production systems with Cray Computer Corporation and as a director at a 500-bed intermediate health care facility.

### **Roger McFadden**

Roger McFadden is VP and Senior Scientist at Staples, Inc., a position he has held since July 2009 when Corporate Express was acquired by Staples. Before joining Staples, Roger was Vice President and Chief Science Officer for Corporate Express a position he held from May 2006 until 2009, before joining Corporate Express Roger was Vice President of Technical Services and Product Development for Coastwide Laboratories, a position he held from 1988 until 2006 when Corporate Express acquired Coastwide Laboratories. Before joining Coastwide, Mr. McFadden worked as a consulting chemist and product engineer for several chemical manufacturing companies in both the U.S. and Canada.

Roger sits on the California Green Ribbon Science Panel and was recently appointed to the California Green Products Innovation Institute. He is a charter member of the Green Chemistry Commerce Council (GC3) and currently co-chairs a committee to advance Green Chemistry and the EPA Design for the Environment (DfE) Formulator Initiatives. McFadden is former chairman of the Building Maintenance Curriculum Trade Advisory Committee at

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Chemeketa Community College in Salem, OR and served on the Chemical Risk and Information System (CRIS) advisory board for Oregon Health Sciences University (OHSU) in Portland, OR. Roger was the chairman of Oregon Governor Kitzhaber's Community Sustainability Council Workgroup for Coatings and Cleaning. Roger currently sits on the Board of Directors of three separate NGO non-profit organizations including Clean Production Action, GreenBlue Institute and Pollution Prevention Resource Center. Roger is active on the Steering Committee and several Technical Advisory Committee of the EPA Design for the Environment and GreenBlue CleanGredients Program. He is also a member of the International Sanitary Supply Association (ISSA) Transpare Ecoform green labeling core committee to design green labeling standards.

Holding a Master's of Science Degree in chemistry from University of Nevada, Mr. McFadden is a frequent speaker for health care organizations, educational institutions, public agencies and private corporations. He speaks on a variety of environmental, safety and health topics including Greening the Supply Chain to Meet Your Sustainability Objectives, Cleaning up the Toxic Supply Chain, Building a Supply Chain with an Environmental Conscience, Insuring a Future for our Grandkids, Supply Chain Management for the Future, Small Things Make a Big Difference, Disinfecting and Infection Control, Cleaning and Disinfecting the Indoor Environment, Hard Floor Safety, Indoor Air Quality, Modern Hard Floor Care, Chemistry of Cleaning, Chemical Safety, Hazardous Materials training, OSHA Bloodborne Pathogens training, OSHA Hazard Communication Standard training, USDOT Hazardous Materials Transportation training, Understanding EPA Registered Disinfectants, Science of Carpet Care, Cleaning the Cleanroom, Understanding ESD, Myths & Misconceptions About Cleaning, Establishing and Measuring Cleaning Standards, Creative Problem Solving, Cleaning and the Power of Observation, Sustainable Cleaning Products & Practices, How to Green Your Cleaning Program, Ten Tips for Greening Your Cleaning Program, It's Easy Being Green, How to Select Environmentally Preferable Cleaning Products and many other related topics. Roger has been published in several trade publications, including Cleaning & Maintenance Management Magazine, ISSA Today and is frequently quoted in numerous articles in newspapers and technical publications. Several of Roger's articles were published in the Fourth Edition of a University Textbook titled, Professional Management of Housekeeping Operations authored by Dr. Thomas J.A. Jones and published in 2005 by John Wiley & Sons, Inc.

Roger believes that we need a revolution in product design with an environmental conscience and commitment to green chemistry; the future belongs to companies that integrate green chemistry principles to eliminate hazard and waste at all stages of product life cycle; and that educational institutions can advance the benefits of green chemistry by incorporating it in textbooks, curriculum and across multidisciplinary fields including fundamental sciences, business, law and engineering.

### **John Mead**

John Mead joined the Institute for Tribal Environmental Professionals at Northern Arizona University in November 2002.

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John established ITEP's Tribal Wastewater Training Center and provided training and technical assistance for tribal operators and tribes located on the Colorado Plateau until 2005. Since then, he has served as program coordinator for environmental compliance inspection, green building, and water quality training programs. Currently John serves as a training course coordinator for ITEP's American Indian Air Quality Training Program, the OSWER/ITEP Tribal Lands and Environment Forum coordinator, and works with EPA's Toxics Release Inventory Division.

Prior to coming to ITEP, John owned and operated a small business in the Denver Metropolitan area providing contract management services for water, sanitation, and metropolitan special districts located in suburban subdivisions and communities. Inevitably, Denver's booming population surpassed his tolerance for city life facilitating an exit from the fast lane to the tiny community of Kanab, Utah where John spent a course-correction year exploring canyons and rivers sans cell phone or pager.

When not on the job, John enjoys preparing ethnic meals, gardening, bird watching, river trips, biking and hanging out with his little family including the cat.

### **Catherine G. Miller**

Catherine Miller, of CGM Research, has been closely associated with the US Toxics Release Inventory since its inception, helping to establish data analysis and public dissemination protocols. She has prepared policy analyses of EPA's Toxic Release Inventory and other toxic data resources for federal, state and international agencies, including EPA's 33/50 Program, New Jersey's and Massachusetts' Community Right-to-Know extensions of the TRI data, and the international North American Commission for Environmental Cooperation's Taking Stock project.

Each year since the beginning of the TRI Program, she has prepared data quality reviews and analyses for the TRI National Report for EPA. She worked on the design of the system for reporting and prepared studies for the 33/50 Program to evaluate this non-regulatory approach to pollution prevention based on TRI data. She maintained the 33/50 Program's database and helped develop case studies of participating companies that examined chemical use and reduction methods as well as assessments of the economics of the pollution reductions.

For the first twelve years of the Taking Stock program, she led a three country team in producing annual reports for the Commission for Environmental Cooperation. This effort was a unique compilation of cross-country information from the US TRI and the Canadian and Mexican pollutant release and transfer databases into an annual report comparing toxic chemical releases in North America and offers a reliable methodology for aggregating somewhat disparate regional data. This work also included international case studies of a wide variety of topics, including industry comparisons, corporate environmental policies, and community organizations.



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### **Bill Muldrow**

William (Bill) Muldrow is currently employed at EPA in the Office of Environmental Information (OEI), Office of Analysis and Access (OIAA) - Information Access Division (IAD), and serves as the Envirofacts System Manager and EPA point of contact for the Envirofacts Project team. The Envirofacts website and underlying database warehouse, provides the public with a single point of access to a diverse set of EPA information about environmental activities that may affect air, water, and land anywhere in the United States. Bill Muldrow has worked at EPA since 1981, and has been a member of the Envirofacts project since 1993.

### **Tom Murray**

Tom Murray is a senior scientist with the United States Environmental Protection Agency and is currently chief of the Prevention Analysis Branch in the Agency's Pollution Prevention Division. Tom has over 40 years in government service. Tom and his staff are the architects of several environmental partnership programs including the Hospitals for a Healthy Environment program, the Green Suppliers Network and the new E3: Economy, Energy and Environment initiative, a cross-agency collaboration with industry focused on manufacturing growth, energy efficiency and environmental performance. Tom holds a Bachelor's Degree in Biology from Mount Saint Mary's University and a Masters Degree in Biology from the American University, Washington, D.C.

### **Rebecca Newberry**

Rebecca Newberry has an B.S. in Health Science Education from the State University College at Brockport and an M.S. in Nonprofit Management from Canisius College. Rebecca is currently the Program Coordinator for the Clean Air Coalition of WNY, where she serves as the lead organizer for the Tonawanda NY community and as the lead for CARE Collaborative Partnership. Before joining the Coalition, she has had 10 years of organizing experience with communities that face social and economic justice inequality.

### **Juan Camilo Osorio**

Juan Camilo is NYC-EJA's Policy Analyst. He is also a Visiting Assistant Professor at the Pratt Institute's Programs for Sustainable Planning and Development (PSPD), introducing graduate students to qualitative and quantitative urban planning research. Before joining NYC-EJA, he was a Senior Planner and Geographic Information Systems (GIS) Analyst at The Municipal Art Society Planning Center, where he used spatial information to support research and advocacy on community-based planning, urban design and historic preservation. Before moving to New York, he worked with the Massachusetts Fair Housing Center, a non-profit agency based in Holyoke, Massachusetts, using GIS to study systematic and procedural impediments to fair housing in the central and western regions of that State. He received a master's degree in regional planning from the University of

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Massachusetts, Amherst, and a professional degree in architecture from the National University of Colombia, Bogotá.

### **Rachael Peltola**

Rachael Peltola grew up in Bethel and Scammon Bay in western Alaska. At age 16, she started working for the Yukon River Inter-Tribal Watershed Council supporting the Backhaul Department's removal of village hazardous waste. She is proud to serve the communities and Alaskan rivers that mean so much to her, and only wishes more youth would step up to the plate – each one of us makes such a difference!

### **Jane Powers**

Jane Powers has been an environmental protection specialist at the U.S. Department of Energy's (DOE) Office of Environmental Policy and Assistance for 24 years. She has provided technical assistance and training for DOE sites in the fields of environmental compliance, environmental management systems, chemical life cycle management, pollution prevention, and sustainability. Ms. Powers pushed for DOE to participate in EPA's 33/50 pollution prevention program in the early 1990's. She provided training to help DOE sites develop their TRI programs and still conducts bi-monthly conference calls on EPCRA issues. Prior to coming to DOE, Ms. Powers worked in EPA's Office of Solid Waste and Emergency Response (OSWER).

### **Danielle Purifoy**

Danielle Purifoy is a JD Candidate at Harvard Law School. She graduated from Vassar College in 2006 with a degree in English and Political Science, after which she spent one year working as a service leader with City Year Louisiana and two years working as a Mayoral Fellow and Environmental Projects Coordinator for the City of New Orleans Mayor's Office of Recovery and Development Administration. Her research focuses primarily on the intersection of environmental justice and law/public policy, as well as using public policy to build sustainable food systems.

### **Rajiv Ramchandra**

Rajiv Ramchandra is a Staff Engineer at the New York State Pollution Prevention Institute (NYSP2I) at Rochester Institute of Technology. In this capacity he serves as a project manager handling a portfolio focused on enhancing productivity and efficiency, while reducing the environmental footprint of New York state companies. Ramchandra works closely with clients to create profiles of operations, scope environmental improvement opportunities and assist firms in implementing new technologies and processes designed to prevent pollution. In addition, he has played a key role in identifying high priority industrial sectors to focus NYSP2I's activities, and also taken the lead to initiate greener workplace practices at the NYSP2I.

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Ramchandra holds an ME in Mechanical Engineering from the University of Sussex, England and recently completed a second ME in engineering management from RIT focusing on environmental design, life cycle engineering, project management, and business.

### **Larry Reisman**

Larry Reisman has a B.S. in marketing from Rutgers College, a J.D. degree from Rutgers Law School – Newark, and a Masters degree in environmental policy from Yale University. Mr. Reisman has worked for the U.S. Environmental Protection Agency (EPA) since 1998. Some of his duties in his position at the EPA's Toxics Release Inventory (TRI) Program include rulemaking activities, crafting interpretive guidance responses for the regulated community, and supporting TRI data quality projects, as well as serving as the acting branch chief of the TRI Regulatory Development Branch. Presently, Larry serves as the branch chief of the Analytical Support Branch (ASB) in the Environmental Analysis Division in OEI. The ASB works closely with the TRI Program managing the TRI National Analysis, the TRI chemical list, and a number of software tools that allow users to analyze the TRI data.

### **Jerry Roose**

Jerry Roose holds a Bachelor's Degree in Chemical Engineering from Arizona State University and a Master's Degree in Chemical Engineering from New Mexico State University.

Jerry's career began as a Project Engineer with a large petrochemicals manufacturer. He started in the mining industry in 1992 at the former Phelps Dodge Hidalgo smelter in New Mexico as a Process Engineer. In 1996 he became Environmental Manager at the facility, and received his first experience with reporting under the Toxic Release Inventory program. Beginning in 1999, following cessation of Hidalgo's smelting operations, Jerry has held various environmental management positions at the Phelps Dodge (and now Freeport-McMoRan Copper & Gold) Corporate Environment and Sustainable Development Department, including his present role as Director of North American Environmental Operations.

As Director, Jerry is responsible for the overall environmental compliance and permitting efforts at Freeport-McMoRan's operations in North America, including eight large-scale operating metal mines and downstream processing operations. Jerry has over ten years of experience with TRI-reporting for multiple hard rock mines and industrial facilities. Working with the National Mining Association, he has been actively involved with coordinating mining compliance assistance efforts with the EPA and has provided input on the current proposed TRI rulemaking for the hard rock mining industry.

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### **Ingrid Rosencrantz**

Ingrid Rosencrantz is Chief of TRI's Regulatory Development Branch. She leads TRI's regulatory development, data quality and policy analysis. Prior to becoming Branch chief, Ms. Rosencrantz led the TRI Public Data Release and the TRI State Exchange. She was a senior staff member and Acting Branch Chief in the Office of Solid Waste and has experience developing policy under RCRA, CERCLA, and NEPA, as well as EPCRA.

### **Annette Russo**

Annette Russo received a Bachelor's degree in Geology from Lafayette College and a Master's Degree in Environmental Engineering from the New Jersey Institute of Technology. After beginning her career in the oilfields of west Texas, she used her knowledge of drilling and geology to transition to environmental consulting, eventually working for three consulting firms in the northeast and managing an environmental drilling company.

She began her industrial career at Litton Industries, where she was Environmental Project Manager, then moved to Philips Electronics North America Corporation, where she was Manager of Environmental Affairs for North America. Her accomplishments there included developing an award-winning compliance program for Philips' maquiladora operations. Her next position was with Lucent Technologies as a Member of Technical Staff, focusing on global waste and remediation issues. She was promoted to Environment and Safety Officer for Lucent's largest business unit, Business Communications Systems. That business unit was spun off in October of 2000, and Annette became the Senior Manager, Global EHS for the new company, Avaya. During her time at Avaya, she developed a best-in-class outsourced EHS business model, completed a successful assignment in Waterloo, Belgium as Senior Manager, Global Sales Compensation, and took on the responsibility for Global Mobility, which included the expatriate program, relocation and visa management. Annette joined Johnson & Johnson as Manager, Communications and Training in 2006. Her present responsibilities include the WWEHS training programs and communications, as well as sustainability reporting for stakeholders.

### **David Sarokin**

David Sarokin is a senior Environmental Protection Specialist with the Pollution Prevention Program at EPA. His early work on P2 in the chemical industry was instrumental in identifying the need for a national inventory program for toxic chemicals. David joined EPA in 1986 to help implement TRI, managed the first public data release, and later directed the 33/50 Program -- EPA's first voluntary program for achieving rapid reductions in chemical pollution. Since then, in addition to his EPA work, he has had stints with the OECD, the Environmental Defense Fund, and the U.S. Senate. As a Fulbright Fellow, David worked on international right-to-know issues and helped secure RTK language in the Rio Declaration for sustainable development. He has continued his work in this area, and is currently part of EPA's team evaluating how to best incorporate sustainability in the Agency's day to day work.

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### **Velu Senthil**

Velu Senthil has a Masters Degree in Chemical Engineering and PhD in Polymer Technology. He has been working in EPA's TRI Program since 1998. Though Velu is currently focusing on TRI data quality efforts, he has worked on Release Estimation Techniques, industry-specific and process-specific guidance documents. Prior coming to EPA, Velu worked at US Department of Energy on alternatives to transportation fuels. Before that Velu had worked in industry and academic institutions.

### **Jo Anne Shatkin**

Jo Anne Shatkin, Ph.D. leads CLF Ventures, a non-profit affiliate of the Conservation Law Foundation, New England's most influential environmental advocacy organization. CLF Ventures develops and assists in the implementation of innovative market solutions to pressing environmental problems. Dr. Shatkin is a recognized expert in human health risk assessment, emerging contaminants policy and environmental aspects of nanotechnology. Jo Anne provides leadership on proactive approaches to sustainable technology development, working to advance life cycle approaches to risk analysis, and incorporate life cycle thinking into product design and development. Using screening tools such as LC Scan, a life cycle scanning tool for product developers, and NANO LCRA – a life cycle risk assessment framework, Jo Anne leads the CLF Ventures team in efforts to minimize impacts of products and technologies.

Since 2005, Jo Anne has provided leadership on the responsible development of nanotechnology, and approaches for decision making under uncertainty. She teaches courses, has published papers, book chapters and a book, *Nanotechnology Health and Environmental Risks* (CRC Press 2008) on topics of environmental health and safety, and life cycle approaches to risk analysis for nanotechnology. Jo Anne is a founding Board member of the Stewardship Action Council and leads the SAC Collaborative Partnerships initiative. She serves on the board of the Center for Environmental Policy at American University, and was a Switzer Environmental Fellow. Jo Anne serves as Councilor of the Society for Risk Analysis (SRA). Jo Anne received an Individually Designed Ph.D. in Environmental Health Science and Policy in 1994 and her MA in Risk Management and Technology Assessment in 1990, both from Clark University, Worcester, Massachusetts and possesses a Bachelor of Science degree from Worcester Polytechnic University in Molecular Biology and Biotechnology.

### **Michael Shapiro**

Michael Shapiro joined the Office of Water as the Deputy Assistant Administrator in November 2002. Prior to that, he was the Principal Deputy Assistant Administrator for the Office of Solid Waste and Emergency Response (OSWER). Mr. Shapiro has also served as Director of the Office of Solid Waste, and Deputy Assistant Administrator for the Office of Air and Radiation, where he directed implementation of the 1990 Clean Air Act

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Amendments. From 1980 to 1989, Mr. Shapiro held a variety of positions in the Office of Pesticides and Toxic Substances, where one of his responsibilities was developing EPA's Toxic Release Inventory.

Mr. Shapiro has a B.S. in Mechanical Engineering from Lehigh and a Ph.D. in Environmental Engineering from Harvard. He has also taught in the public policy program at the John F. Kennedy School of Government.

### **Dipti Singh**

Dipti Singh is Chief of the Toxics Release Inventory Program, Information Outreach Branch within the Office of Information Analysis and Access. This branch is responsible for managing TRI data operations and to promote transparency and availability of TRI data. Prior to TRI, Dipti worked with the Design for the Environment Program where she co-chaired international Pollution Prevention work groups to promote safer chemical and substitutes. Before joining EPA, Dipti spent several years with Booz Allen and Hamilton. Dipti has an MBA from Robert H. Smith School of Business at University of Maryland, and a Ph.D in Chemistry from Japalpur University, India.

### **Katherine Sleasman**

Katherine Sleasman is an Environmental Protection Specialist in the Office of Pollution Prevention and Toxics at the U.S. Environmental Protection Agency. Ms. Sleasman works on policy issues related to perfluorinated chemicals, substantial risk information under the Toxic Substance Control Act (TSCA), and diisocyanates. She is currently working on a proposed rule for electronic reporting requirements under TSCA, a Significant New Use Rule on TDI, an 8(d) rule for Health and Safety Data, and an 8(c) Notice.

Ms. Sleasman received her B.A. in Environmental Studies from the George Washington University and her M.S. in Environmental Studies from Florida International University in Miami. Her graduate thesis work focused on water quality management in the Florida Keys and was published in the journals of Ocean and Coastal Management and Water Policy. Prior to joining the Office of Pollution Prevention and Toxics, Ms. Sleasman was an Oak Ridge Institute for Science and Education fellow at U.S. EPA's Office of Wastewater Management.

### **David G. Smith**

David Smith joined EPA to head up its' Facility Registry System within the Office of Environmental Information. He has an extensive background in geospatial technologies and systems integration, and is also a licensed Professional Engineer and Land Surveyor, with over 20 years experience in a variety of projects dealing with mapping and environmental issues, as well as in environmental modeling, analysis and information management. Mr. Smith is supporting the TRI program through efforts toward improvement of data quality, particularly locational data, to support improved analysis of TRI reporters.



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### **Edward (Ned) Steiner**

Edward (Ned) Steiner is the Senior Director for Trade and Legislative Affairs at Sandler, Travis & Rosenberg, P.A. He represents Method, a California-based cleaning products that develops and markets cleaning products that are people and pet friendly. Method is a leader in providing information about ingredients in their products as well as sustainable packaging and environmentally sound manufacturing processes.

### **Andrew Stoeckle**

Andrew Stoeckle (Abt Associates Inc.) has supported the TRI program since 1992, participating in site visits, numerous analyses, cross-data industry sector and facility analyses for profiling operations, and identification of outliers. He has an expert understanding of the TRI program, data quality and end uses of TRI information, all of which are important to analytical projects involving EPA and non-EPA data sources. Mr. Stoeckle has also contributed to the design of web-based information tools and analyses, such the TRI comparative tools and MyRTK mobile, which capitalize on integrating TRI with other data systems at the facility and chemical record levels.

### **Joel Tickner**

Joel Tickner is Associate Professor in the Department of Community Health and Sustainability at the University of Massachusetts Lowell where he also directs the Chemicals Policy and Science Initiative at the Lowell Center for Sustainable Production. He is an expert on chemicals regulation, regulatory science, and application of the precautionary principle and safer materials in science and policy. He has served as an advisor and researcher for several government agencies, international agencies, companies, non-profit environmental groups and trade unions both in the U.S. and abroad. He was co-coordinator of the Wingspread Conference on the Precautionary Principle, co-editor of the book *Protecting Public Health and the Environment: Implementing the Precautionary Principle* and editor of the book *Precaution, Environmental Science, and Preventive Public Policy*. He holds a Masters of Science degree in Environmental Studies from the University of Montana and a Doctor of Science Degree from the Department of Work Environment at University of Massachusetts Lowell.

### **Michael Toffel**

Michael Toffel is an Associate Professor at the Harvard Business School. His research investigates the effectiveness of environmental, safety, and quality programs, especially as they pertain to operations and supply chains. His research also examines corporate transparency, working conditions in supply chains, voluntary government programs, and international management standards. His research has been published in leading academic journals and profiled in the popular press. Toffel received a Ph.D. from the University of California at Berkeley, and an MBA and Master's in Environmental Management from Yale University. He has also served as the Director—Environment, Health and Safety for the

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Jebsen & Jessen (South East Asia) Group of Companies, was a management consultant at Arthur Andersen and Arthur D. Little, and worked in operations at J.P. Morgan.

### **Guy Tomassoni**

Guy Tomassoni has been with the EPA since 1992. Currently he serves as the Chief of the Analytical Products Branch in the Environmental Analysis Division (EAD) of the Office of Information, Analysis and Access (OIAA) within EPA's Office of Environmental Information (OEI). Staff in Guy's Branch work on a variety of efforts related to OIAA's primary function of helping interested stakeholders find, understand and use quality environmental information, including for example: the TRI and Environmental Conditions in Communities Conference; apps for the environment, tools for helping people find and analyze environmental data; environmental indicators; environmental justice; community engagement; America's environmental attitudes and behaviors; watershed collaboration; cross-agency collaboration on environmental health issues; and, access to environmental information on Tribal lands. Prior to joining OEI in 2008, Guy worked in EPA's Office of Solid Waste and Emergency Response (OSWER) serving as the Land Chapter Lead on EPA's Report of the Environment, developing better performance measures for land cleanup and revitalization, co-authoring a variety of ground water protection and cleanup policies, and leading a national training effort on RCRA Corrective Action Results Based Project Management. Prior to joining EPA Guy was involved with hazardous site cleanups as an environmental consultant and as an employee of the New Jersey Department of Environmental Protection. Guy received his B.S. in Geology from University of Maryland and his M.S. in Engineering Geology (focus on hydrogeology) from Drexel University in Philadelphia.

### **Danielle Vallée**

Danielle Vallée has been coordinating and managing projects related to environmental pollution since 1997. Her work has included research, feasibility studies and the development of projects involving technology transfers relative to managing domestic and hazardous substances in Latin America and the Caribbean. Since 2006, she has worked as coordinator for the North American Pollutant Release and Transfer Register (PRTR) Project at the Commission for Environmental Cooperation.

Ms. Vallée has a B.A. with a Specialization in Urban-Economic Geography; and a Masters of Public Policy and Administration (Specialization: Geography) from Concordia University in Montréal, Québec.

### **Mike Walker**

Mike Walker serves as the Director of the National Enforcement Training Institute in the Office of Enforcement and Compliance Assurance, U.S. EPA, Washington, D.C. Mr. Walker has been involved in the litigation and negotiation of many high profile environmental enforcement actions since he began his career in EPA's Chicago, IL, Regional office in 1979.

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Mr. Walker is the author of numerous articles including: "High Stakes on a Fast Track: Administrative Enforcement at EPA," "Introducing the Environmental Data Police," "Attitude is Everything – Dealing With EPA's Enforcement Program," "How to Handle Difficult Chemicals: The Unused Tool in EPA's Chemical Toolbox -TSCA Section 7 of the Toxic Substances Control Act," "Alternate Dispute Resolution in EPA Enforcement Proceedings," "The Use of the Toxic Release Inventory in Low Income and Minority Communities," and "EPCRA Citizen Suits: An Evolving Opus with a Discordant Note." Mr. Walker serves as Adjunct Professor of Law at William & Mary College of Law teaching Natural Resources Law, and at both the University of Toledo and Maryland School of Law, where he teaches: "Federal Commercial Chemical Regulation: TSCA, FIFRA, EPCRA & RCRA."

### **Jeff Wells**

Jeff Wells began his career at EPA in 1989 in the Office of Policy, Planning and Evaluation where he provided planning and management support to the Deputy Administrator's office. In 1993 Jeff joined EPA's Office of Air and Radiation where he provided technical assistance to developing countries trying to reduce their use of ozone-depleting substances under the Montreal Protocol. Jeff has worked in EPA's Office of Environmental Information from its inception in 1999 in various roles including Associate Director of the Information Exchange and Services Division and, most recently, Acting Director of the Toxic Release Inventory Program Division. Before coming to EPA, Jeff worked at the Council for Basic Education, a Washington think tank, and at the Public Welfare Foundation, a private philanthropy also based in Washington, D.C. Jeff has a degree in History and American Studies from Princeton University with a focus on environmental policy and he earned his Masters in Business Administration from the University of Maryland evening program.

### **Michael Wendt**

Michael Wendt is an Environmental, Health, and Safety (EHS) Specialist for 3M Company – Menomonie plant. His primary responsibilities include coordination of the environmental programs for the facility including regulatory compliance and reporting, the Wisconsin DNR Environmental Cooperation Pilot Program (ECP), waste management and minimization, EMS and ISO 14000 certification, Stewardship Action Council, and Wild Life Habitat Council (WHC) certification.

The Menomonie plant is one of the 3M Company's flagship locations producing some of the company's leading edge technological products. Some of these products include brightness enhancement film (BEF) for LCD displays, fuel cell membranes for fuel cell manufacturing, and composite conductor wire for high voltage conductor cables.

Mr. Wendt holds BS - Industrial Technology and MS – Risk Control degrees from the University of Wisconsin – Stout.

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Employed by 3M for the past 30 years, Mr. Wendt's primary professional experience and activities include plant engineering management, environmental management, loss prevention, waste management and minimization, and process safety management.

### **Bridget Williams**

Bridget Williams is the Outreach Lead for the Environmental Protection Agency's Design for the Environment Program (DfE). As part of the DfE team, Bridget collaborates with a broad range of stakeholders, including science and policy professionals, product manufacturers, and environmental advocacy groups, to improve the human and environmental health effects of chemical-intensive products. Prior to joining DfE, she served as a Peace Corps volunteer in the West African country Burkina Faso where she taught high school Physics and Chemistry. Bridget has a Ph.D. in Chemistry from the University of Washington and a B.S. in Chemistry from Colorado State University.

### **Anahita Williamson**

Dr. Anahita Williamson is the director of the NYS Pollution Prevention Institute. Dr. Williamson has a strong background and extensive experience in the field of environmental engineering, including manufacturing process modification for improved material recovery and reuse, design for the environment and life-cycle assessment. Prior to joining NYSP2I, she served as a senior engineer at Xerox Corporation where she assisted in implementing companywide sustainability and pollution prevention processes. Williamson led numerous teams at Xerox Corporation in defining environmental opportunities within processes/products by optimizing complex systems. She performed detailed material and energy balances on manufacturing processes in order to develop a quantitative baseline and capture all environmental inputs and outputs for a system. Dr. Williamson also has extensive experience in utilizing life-cycle assessment (LCA) methodology for evaluating the environmental performance of a process/product over its entire life-cycle and has performed multiple LCAs throughout her career. She has multiple peer-reviewed publications including the Journal of Cleaner Production and has presented at numerous international conferences including the International Society of Industrial Ecology conference in Stockholm, Sweden.

Dr. Williamson is a Lean Six Sigma certified Greenbelt. She understands the importance of applying lean thinking when defining the root causes of deficiencies in processes and utilizing lean tools when implementing solutions. Dr. Williamson holds a BS in chemical engineering and MS and Ph.D. in civil and environmental engineering, all from Clarkson University.

### **Ken A. Zarker**

Ken Zarker has been actively involved with hazardous waste, pollution prevention and toxics reduction programs for over twenty five years. Ken is a manager in the Pollution Prevention and Regulatory Assistance Section at Washington State Department of Ecology. Ken has been responsible for managing state environmental programs in Texas and

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Washington State on hazardous waste permitting, policy, toxics reduction, and sustainability. Ken has served in a leadership capacity at the national and international levels as Chairman of the National Pollution Prevention Roundtable. Ken serves on several boards and committees, including the Environmental Council of the States (ECOS) Cross Media Committee, Interstate Chemicals Clearinghouse Board of Directors, Green Chemistry in Commerce Council, Stewardship Action Council and delegate to the North American Pollution Prevention Partnership. Ken has been working actively to support regional collaboration on green chemistry and chemicals policy development. Ken holds a B.S. in Environmental Management from the University of Houston at Clear Lake City.