

September
2010

American University, School of Public Affairs
Center for Environmental Policy's
Program Advisory Board



The Center for Environmental Policy
announces the members of its Program
Advisory Board. Included below are the
biographies of each member.

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STANLEY H. ABRAMSON

Stan Abramson is a partner and co-chair of the Life Sciences Group at the Arent Fox law firm in Washington, DC. His practice is focused on environmental law, biotechnology, chemical regulation and food safety, with emphasis on product regulation and dispute resolution.

Stan assists clients in bringing new chemical and biological products to market, including products of biotechnology, nanotechnology, synthetic biology and other emerging technologies. He has more than thirty years of experience in risk-based programs and environmental law, including over five years as the U.S. Environmental Protection Agency's Associate General Counsel for Pesticides and Toxic Substances. Here, he was the EPA's principal legal advisor on the regulation of industrial, agricultural and consumer chemicals and a principal drafter of the federal government's Coordinated Framework for Regulation of Biotechnology.

Stan served as a member of the National Academy of Sciences Committee on Genetically Modified Pest-Protected Plants, is an editor of the Environmental Law Institute's *Law of Environmental Protection*, and co-authored the Biosafety Regulation Sourcebook and Model Biosafety Act. He earned his J.D. from Rutgers University, his MPA from the University of Southern California, and his B.S. from Drexel University.

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Program Advisory Board

DONNA ADDKISON

Donna joined the Wider Opportunities for Women team in late 2008 as the Family Economic Self-Sufficiency Project Director and now serves as the Family Economic Security Program Director. She provides strategic guidance for WOW's projects that target elements of the economic security matrix including research into multiple measures of income adequacy, technical assistance for creating access to green employment and training for women, and work with special populations. Donna designed the first-in-the-nation technical assistance institute for organizations committed to training women for success in the emerging green economy and managed the launch of a nationwide opinion research project intended to offer a common language around economic security for the spectrum of organizations working on workforce, economic and community development issues.

Appointed by Mayor C. Ray Nagin, in August of 2006, Addkison served the city of New Orleans as its Chief Development Officer, guiding the newly created Mayor's Office of Planning and Development. In his effort to reorganize city government to meet the needs of a community recovering from crisis, Mayor Nagin assigned over 200+ employees and a budget encompassing more than \$70 million in local and federal grant funding to Addkison's stewardship. Economic development, workforce and talent development, housing and neighborhood services, environmental affairs plus a dozen other offices, property management boards and commissions essential to the city's re-emerging economy, came under her guidance.

Before this, Addkison served as the President and CEO of the Chamber Southwest Louisiana and the Foundation Southwest Louisiana in Lake Charles, Louisiana. Originally focused on strengthening regional development and expanding partner organization relationships, Addkison led the Chamber and Foundation to shift gears following the ravages of Hurricanes Katrina in Southeast Louisiana and Rita in Southwest Louisiana, retrenching these organizations as triage units for struggling Louisiana businesses. Her work in community and economic development included two full-time engagements with the Enterprise Corporation of the Delta/Hope Community Credit Union (CDFI/CDCU), and she held the office of Deputy Chief of Staff and Special Assistant for Economic Development under Governor Ronnie Musgrove of Mississippi.

Addkison holds a Bachelor of Arts degree in English with Honors in Political Science from Mississippi University for Women, which honored her with a Distinguished Alumna Award in 2000, and she holds master degrees in Political Science from Mississippi State University and Criminal Justice from Troy State University. She began a doctoral program at the University of New Orleans with the intent of exploring creative community finance programs-an effort curtailed by the hurricane season of 2005. She is married to Jack Giovo, Jr. and they have one son in college, Tres Simmons.

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Program Advisory Board

STEPHANIE CUTTLER AUMENT

Stephanie Aument is the Senior Sustainability Analyst and Manager, Research and Analytics at Calvert Investments. As a Product Safety Analyst, Ms. Aument researches product safety, public health, consumer fraud and other product-related issues with particular emphasis on the pharmaceutical and medical device industries. As Manager, Research and Analytics, she oversees the Sustainability Research Department's ongoing efforts to enhance its research methodology and analytical decision-making processes.

Prior to joining Calvert in 2004, she worked in the sustainable development group at Dow Chemical Company and as an environmental analyst with the Investor Responsibility Research Center. She earned an MBA and MS in Environmental Policy from the University of Michigan and a BS in Environment Science and Policy from the University of North Carolina at Chapel Hill.

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Program Advisory Board

GAIL BINGHAM

Gail Bingham is President Emeritus of RESOLVE and has been a practicing mediator for thirty years, specializing in environment, natural resources, health and other public policy issues. A nationally recognized pioneer in promoting consensus building tools in public decision making, she has mediated breakthroughs on such challenging public issues as national wetlands policy and drinking water protection, written extensively about environmental dispute resolution, and provided intellectual leadership in the field. She also conducts negotiation skills training programs.

The 2006 recipient of the Association for Conflict Resolution's Mary Parker Follett Award, Ms. Bingham has served as a mediator for a variety of state and federal agencies and private parties on such diverse subjects as funding infrastructure costs for water and wastewater utilities, watershed management and Total Maximum Daily Load policy, allocation of water rights, endangered species, drinking water regulations, groundwater protection, wetlands, hydro-electric relicensing, chemicals policy, solid waste source reduction, hazardous waste management, oil spill contingency plans, pesticides policy, children's health protection, and local community land use and infrastructure issues. She also is the author of several publications, including *Resolving Environmental Disputes: A Decade of Experience*; *Seeking Solutions: Alternative Dispute Resolution and Western Water Issues*; *Alternative Dispute Resolution and the NEPA Process*; and *When the Sparks Fly: Building Consensus When the Science is Contested*.

Ms. Bingham recently served on a National Academy of Sciences Panel on Public Participation in Environmental Assessment and Decision Making and has served two three-year terms on the Board of Directors of the International Society of Professionals in Dispute Resolution. She attended Stanford University, received a B.S. from Huxley College of Environmental Studies in Washington State and did her graduate work in environmental planning at the University of California, Berkeley. Ms. Bingham also has worked as a local government planner in the State of Washington and in India.

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Program Advisory Board

WILLIAM BOZZO

Bill Bozzo leads the Environment Safety & Health (ESH) Directorate of DynMcDermott Petroleum Operations Company, the management and operating contractor for the U.S. Strategic Petroleum Reserve (SPR), with facilities in Louisiana, Texas, and Mississippi. DynMcDermott is a 2005 winner of the U.S. Department of Commerce Malcolm Baldrige National Quality Award and the 2006 category II winner of the National Safety Council Robert W. Campbell Award for safety, health, and environmental business excellence. Under Mr. Bozzo's leadership the ESH Directorate provides overall programmatic direction and expertise in implementation of all facets of ESH across the SPR, to include environmental programs (air, water, waste, pollution prevention, toxics, and resource management), risk assessment, industrial safety, and industrial hygiene.

He is the current Chair of the U.S. ANSI-ASQ National Accreditation Board Registrar Accreditation Council for ISO and U.S. industry-based management system standards, including a variety of Environmental, Safety and Health, and Quality management systems. Mr. Bozzo currently serves on the Board of Delegates for the National Safety Council and previously served as both President and Chairman of the Performance Track Participants Association.

Prior to joining DynMcDermott in 1993, Mr. Bozzo worked in various ESH capacities for Boeing, Kansas Nebraska Pipeline, and Dravo. Prior to joining industry in 1980, Mr. Bozzo worked as a field scientist for both the U.S. Environmental Protection Agency and the U.S. Naval Research Laboratory. Within the ESH technical community, Mr. Bozzo was recently selected as the Interim Chair for the newly formed Stewardship Action Council. Mr. Bozzo holds Bachelors and Masters Degrees in Science from Washington and Jefferson College and American University, and a Masters Degree in Business from Tulane University.

Center for Environmental Policy
Program Advisory Board

PATRICIA A. CALKINS

Patricia A. Calkins is the Vice President of Global Environment, Health, Safety and Sustainability for Xerox Corporation. She is responsible for developing and implementing sustainability policies and strategies throughout Xerox that help save hundreds of millions of dollars annually for the company worldwide. She is dedicated to strengthening Xerox's position as a pioneer in sustainability and is committed to smart environmental management that demonstrates that doing what is right for the environment is not a cost of doing business but an opportunity to benefit the world in which we work and live. Calkins joined Xerox in 1993 as a manager of resource conservation, developing plans to help the company capture energy and materials savings through more sustainable and efficient processes, facilities and product design. Since then, she has assumed increasingly responsible management positions in quality, business process management and product design, enabling the company to remain at the forefront of driving environmental improvement throughout the value chain.

Before joining Xerox, Calkins began her career as a chemist for AT&T and then moved on to initiate many of the company's sustainability initiatives. During her tenure, she focused on how changes in product and process design could eliminate many environmental challenges, including eradicating the use of toxic chemicals in the electronics manufacturing process. For her efforts, she was recognized for her engineering excellence. In 1992, she joined Abt Associates as a senior scientist where she worked directly with U.S. Environmental Protection Agency in developing market-based voluntary sustainability programs. She also provided consulting services to corporations developing environmental leadership strategies.

Calkins earned a Bachelor of Arts degree in biology from Merrimack College, North Andover, Massachusetts, and a Master of Science degree in civil/environmental engineering from Tufts University. In 2001, she received her executive MBA from the University of Rochester. Calkins currently serves as a member of the external advisory board for the University of Michigan's Center for Sustainable Systems and is on several boards, including the Central and Western New York Chapter of the Nature Conservancy and the Golisano Institute for Sustainability at the Rochester Institute of Technology.

Center for Environmental Policy
Program Advisory Board

THEODORE CARTER

In January 2008, Ted assumed leadership of CB Richard Ellis' strategy to deliver real estate solutions to government and public sector clients in the Americas. In this role, he leads sales, marketing and business development for the Public Institutions and Education Solutions Group. He also serves as Co-Chair of the CBRE African-American Network Group and as Co-Chair of the Coalition for Government Procurement's Public Building Service Committee. From 2005-2007, he served as CB Richard Ellis' South Florida market leader, responsible for all lines of business for five offices and successfully expanded the company's marketplace penetration, branding and civic leadership, to include the acquisition of Blackrock Property Advisors, a boutique retail investment sales firm.

Prior to joining CB Richard Ellis, Ted served as President and CEO of the quasi-public National Capital Revitalization Corporation (NCRC) in Washington, DC, which oversaw the development, award and construction of more than \$1 billion of development projects to include the master planning for the fifty acre SW Waterfront and Marina; DC USA, home to the first Target in the District of Columbia; renovation of the historic Tivoli Theater; The National Urban League's Washington, DC headquarters and seven other signature projects. He has held senior positions in municipal operations and finance, legislative affairs and real estate and economic development in mayoral administrations in New York City, Newark, NJ and Washington, DC. Ted also served as a member of the government affairs team for The New York Public Library.

From 1997-2000, Ted was Deputy Assistant Secretary for Management Operations at the U.S. Department of the Treasury, where he had responsibility for real estate, capital assets, procurement, supplier diversity, business innovation and security/critical infrastructure among other responsibilities. He was the recipient of the Department's Exceptional Service Award.

Ted held the position of Deputy Campaign Manager and Chief Operating Officer in 1996 for President Bill Clinton's national re-election campaign.

Center for Environmental Policy
Program Advisory Board

DAVID P. CLARKE

David P. Clarke is the Chief Editor of *Energy Washington Week*, a weekly newsletter published by Inside Washington Publishers, where he is also a Senior Editor specializing in energy and environmental issues. During his more than fifteen years with the company he launched and edited two publications — *Risk Policy Report* and *Water Policy Report* — dealing with federal and state issues pertaining to those two policy areas, in addition to his work with *Inside EPA*, where he wrote on many environmental topics. Apart from his work with Inside Washington Publishers, he has written numerous articles for the Environmental Law Institute's *Environmental Forum* magazine (on whose editorial advisory board he has served since 1994); as well as articles for *Environment* magazine, *Issues in Science and Technology*; *Risk Analysis, An International Journal*; the *Environmental Law* journal of Northwestern School of Law, Lewis & Clark College, and other publications. He was a Contributing Editor to the Society for Risk Analysis, *RISK Newsletter*, from 1998-2006, writing a quarterly column on risk-related developments, and for the Society of Environmental Toxicology & Chemistry's *SETAC News*, from 1996-1998, writing on issues concerning ecosystem protection.

Besides his journalism experience, from 1998-2003, he was employed as a Senior Director for Science Policy at the American Chemistry Council responsible for developing policy positions dealing with risk assessment and management issues and coordinating a team involving industry risk experts. While at the Council, he completed three certificate courses through the Harvard Center for Risk Analysis and The Center for Continuing Professional Education in Boston, on risk assessment and communication. From 1999-2002, he served on the board of the Green Mountain Institute for Environmental Democracy. He has a Bachelor's degree in English and Technical Writing from the University of MD, University College, and a Master of Arts in Government from Johns Hopkins University's Zanvyl Krieger School of Arts & Sciences.

Center for Environmental Policy
Program Advisory Board

TIMOTHY FIELDS JR.

Timothy Fields, Jr. is Senior Vice President at MDB, Inc., a public health and environmental management consulting firm. He has worked for the last nine years as an environmental consultant, and he serves as an expert on Emergency Response, Hazardous and Solid Waste Management, Superfund Toxic Waste Cleanup, Environmental Justice, Brownfields Revitalization, and Facilitation/Mediation Services. He provides technical and analytical support to public and private sector clients. He has thirty-nine years of experience addressing complex site assessment, cleanup, reuse, and waste management issues.

Mr. Fields worked at the U.S. Environmental Protection Agency for thirty years, with the last four years as Assistant Administrator for the Office of Solid Waste and Emergency Response (OSWER). He provided national direction and oversight of the nation's environmental site assessment, cleanup, reuse, and waste management programs, including Superfund toxic waste sites, Brownfields, Hazardous and Solid Waste Management, Underground Storage Tanks, Emergency Management, Technology Innovation and Federal Facilities Site Remediation programs. While at EPA, Mr. Fields received four Presidential Rank Awards for outstanding executive service.

Mr. Fields has a B.S. degree in Industrial Engineering from Virginia Polytechnic Institute and State University and a M.S. degree in Operations Research from George Washington University.

Center for Environmental Policy
Program Advisory Board

DEBRA KNOPMAN

Debra S. Knopman is Vice President and Director of RAND Infrastructure, Safety, and Environment, one of RAND's major research divisions that includes research on: homeland security, critical infrastructure protection, public and occupational safety, criminal justice, energy and the environment, economic development, transportation, space, and information technology. Her research background is in hydrology, environmental and natural resources policy, systems analysis, and public administration. Her RAND project work has spanned a range of topics including long-term water management under climate change, unexploded ordnance on training ranges, disposition of nuclear waste, and the design of a National Research Fund for Qatar.

From 1997 to 2003, she was a member of the Nuclear Waste Technical Review Board, which has oversight of the Yucca Mountain scientific and engineering program, and chaired the Board's Site Characterization Panel. From 1995 to 2000, she served as director of the Center for Innovation and the Environment at the Progressive Policy Institute in Washington, DC. She served as Deputy Assistant Secretary for Water and Science at the U.S. Department of the Interior from 1993-1995. Prior to 1993, she was Chief of the Branch of Systems Analysis in the U.S. Geological Survey, professional staff member on the U.S. Senate Committee on Environment and Public Works, and legislative assistant for energy and environmental issues to Senator Daniel P. Moynihan.

She has a B.A. in chemistry from Wellesley College, a Master of Science degree in civil engineering from the Massachusetts Institute of Technology and a Ph.D. from the Department of Geography and Environmental Engineering at Johns Hopkins University. She is a National Associate of the National Research Council of the National Academies. She was the 2001 recipient of The Johns Hopkins University Alumni Association's Woodrow Wilson Award for Distinguished Government Service.

Center for Environmental Policy
Program Advisory Board

G. TRACY MEHAN, III

G. Tracy Mehan, III, is Principal with The Cadmus Group, Inc., an environmental consulting firm, since 2004. Mehan served as Assistant Administrator for Water at the U.S. Environmental Protection Agency from 2001-2003. He served as Environmental Stewardship Counselor to the 2004 G-8 Summit Planning Organization (2004). Mehan also served as director of the Michigan Office of the Great Lakes (1993-2001) and as Associate Deputy Administrator of EPA in 1992. He was director of the Missouri Department of Natural Resources from 1989 to 1992. He was also an independent expert judge for the Municipal Water Conservation Achievement Award Program (2006) sponsored by The U.S. Conference of Mayors and its Urban Water Council. Mehan serves on the Water Science and Technology Board and the Committee on the Mississippi River and the Clean Water Act for the National Research Council of the National Academies, and he serves on the board of the Potomac Conservancy and the Great Lakes Observing System.

Mehan is a graduate of Saint Louis University and its School of Law. He is an adjunct professor at George Mason University School of Law and a member of the Environmental Law Institute (ELI), and he is a regular book reviewer for ELI's flagship publication, The Environmental Forum.

Center for Environmental Policy
Program Advisory Board

THOMAS P. MURRAY

Tom Murray is a managing director in the Corporate Partnerships Program at Environmental Defense Fund (EDF), a leading national nonprofit organization. He directs the work of the Washington, DC Corporate Partnerships team, which develops and implements joint projects with leading companies to create environmental improvements that make business sense. Currently he is leading EDF's "Green Returns" initiative with Kohlberg Kravis Roberts, The Carlyle Group, and other leading private equity firms to measure and improve environmental and business performance across their portfolios. Other partner companies include Citigroup, FedEx, McDonalds, PHH Arval, and Walmart. Tom's projects have been featured in New York Times, Wall Street Journal, San Francisco Chronicle, Fortune, NPR Marketplace, Environmental Finance, Climate Progress and GreenBiz.com

Prior to joining EDF, Tom was a project manager with Jellinek, Schwartz & Connolly, where he advised Fortune 500 companies on environmental, safety, and health compliance, pollution prevention, and legislative and regulatory strategy.

Tom is currently an advisor to the George Washington University Institute for Sustainability, Greenhouse Gas Management Institute, and 2010 Newsweek Green Rankings. He holds a B.A. in Political Science from Trinity College and an M.B.A. from the George Washington University.

Center for Environmental Policy
Program Advisory Board

FRANK J. PRIZNAR

Frank J. Priznar is president of PRIZIM Inc. (PRIZIM), whose expert staff provides practical solutions to global challenges of environment and sustainability.

Mr. Priznar is recognized for creative but practical approaches to sustainability matters such as climate change, resource management, and energy security that involve regulation, policy, partnerships, and finance. His experience with governing processes includes international, federal, and state organizations, and with corporate and business practices.

A writer on sustainability issues for over 15 years, Mr. Priznar has authored and/or contributed to dozens of articles, books and blogs from *The Bottom Line of Green Is Black: Strategies for Creating Profitable and Environmentally Sound Businesses* (1994) to *What Every CEO Needs to Know about Greening* (2010).

Mr. Priznar serves on the board of non-profit environmental organizations and other businesses. For national initiatives he has led groups setting national standards, resolving ethical matters, and establishing professional credentials.

Under his leadership since 1996, PRIZIM's clients have acted on over 250,000 recommendations that have improved both organizational performance and the Earth.

In 2009, PRIZIM was rated the No. 1 small *Best Environmental Firm to Work For* (Environmental Business Journal) in the US. Its environmental management system is ISO 14001 certified.

Mr. Priznar earned his baccalaureate degree from the Statue University of New York at Fredonia, and his masters from the University of Wisconsin in Madison. He was born on a farm in New England over half a century ago.

Center for Environmental Policy
Program Advisory Board

DAVID REJESKI

David Rejeski directs the Project on Emerging Nanotechnologies at the Woodrow Wilson Center. For the past four years, he has been the Director of the Foresight and Governance Project at the Woodrow Wilson Center, an initiative designed to facilitate better long-term thinking and planning in the public sector. He was a Visiting Fellow at Yale University's School of Forestry and Environmental Studies and an agency representative (from EPA) to the White House Council on Environmental Quality (CEQ). Before moving to CEQ, he worked at the White House Office of Science and Technology (OSTP) on a variety of technology and R&D issues, including the development and implementation of the National Environmental Technology Initiative.

Before moving to OSTP, he was head of the Future Studies Unit at the Environmental Protection Agency. He spent four years in Hamburg, Germany, working for the Environmental Agency, Department of Public Health, and Department of Urban Renewal, and, in the late 1970's, founded and co-directed a non-profit involved in energy conservation and renewable energy technologies. He has written extensively on science, technology, and policy issues, in areas ranging from genetics to electronic commerce and pervasive computing and is the co-editor of the recent book: *Environmentalism and the Technologies of Tomorrow: Shaping the Next Industrial Revolution*, Island Press: 2004.

He sits on the advisory boards of a number of organizations, including the EPA's Science Advisory Board, the Greening of Industry Network, the Journal of Industrial Ecology, and the University of Michigan's Corporate Environmental Management Program. He is a member of the External Advisory Board of Nanologue, a European project to bring together leading researchers to facilitate an international dialogue on the social, ethical and legal benefits and potential impacts of nanosciences and nanotechnologies. He has graduate degrees in public administration and environmental design from Harvard and Yale.

Center for Environmental Policy
Program Advisory Board

GEORGE SCHAEFER

George Schaefer is the Chief Financial Officer at Soltage, LLC in Jersey City, NJ. Soltage is a leading provider of solar photovoltaic systems in the United States and is owned in part by Tenaska Energy, Inc, the sixteenth largest private company in the United States. Soltage develops, installs, owns and operates solar photovoltaic systems located on the premises of commercial, industrial, not-for-profit and government facilities. It currently has five facilities in operation in Connecticut and New Jersey and over fifteen projects in advanced development.

Previously, George was the CFO of Mascoma Corporation, in Hanover, NH, a company developing biochemical processes to produce cellulosic ethanol. The company was funded by several leading venture capital firms including: General Catalyst, Kleiner Perkins and Kohsla Ventures; and corporations including General Motors and Marathon Oil. Prior to that, George was CFO at ASAlliances Biofuels LLC of Dallas, Texas, which developed, financed, built, owned and operated corn-to-ethanol production facilities and a nationwide product distribution system. The company was funded by American Capital, Cargill, DE Shaw and U.S. Renewables Group. In August of 2007, VeraSun Energy acquired ASAlliances Biofuels for \$725 million.

George has also served as Principal Financial Officer of NRG Energy, where he led their restructuring and emergence from bankruptcy. Following its emergence, as NRG's Vice President and treasurer, he led its re-issuance of public stock and listing on the New York Stock Exchange in March 2004. During his tenure at NRG, George led and closed over \$14 billion in complex financings including: common and preferred equity issuance; subordinated and senior debt; and one of the largest high yield bond offerings (\$2.6 billion) issued by a U.S. company.

George has held senior finance posts for over fifteen years at GE Capital, Reliant Energy International, PSEG Global, Inc., and Entergy Power Group. During this period, he led over \$5 billion in international structured financings for energy and industrial facilities in Argentina, Australia, Brazil, Chile, China, Colombia, El Salvador, France, Germany, India, Italy, Peru and the United Kingdom. In addition, George led the structuring, negotiation and closing of over \$3 billion of U.S. based project financings including geothermal, low-head hydroelectric, gas and coal fired cogeneration assets.

George graduated with a BA in Economics and Political Science from American University and an MPA from The Maxwell School at Syracuse University. His wife Lois received her BS in Business Administration from the Kogod Business School at American University. They live in Montville, NJ, and have two daughters attending college. George has previously served on the Dean's Advisory Council of AU's School of Public Affairs and currently is a member of the Advisory Board of the Maxwell School.

Center for Environmental Policy
Program Advisory Board

JO ANNE SHATKIN

Jo Anne Shatkin, Ph.D., is a recognized expert in strategic environmental initiatives, human health risk assessment, technical communications, and environmental aspects of nanotechnology. She works at the intersection of science and policy, and is involved professionally in a breadth of activities related to nanomaterials and nanotechnology, as a consultant, author, and through the Society for Risk Analysis. She developed and led a nanotechnology and risk assessment practice at the Cadmus Group before becoming Managing Director at CLF Ventures, an affiliate of the non-profit Conservation Law Foundation.

Dr. Shatkin has 19 years of experience in research and application of quantitative human health risk assessment for emerging contaminants and sites; drinking water and air quality, and environmental evaluations of emerging contaminants. Her specialty is the application and communication of innovative science-informed analysis to address complex emerging issues affecting businesses and communities. She has developed and led projects addressing health and environmental aspects of nanomaterials with US EPA, The Boeing Company, the Environmental Business Council, and private clients working on novel applications of nanotechnology.

She recently developed NANO LCRA, an adaptive life cycle framework for identifying and managing the risks of nanomaterials, described in her book, *Nanotechnology Health and Environmental Risks*, published in 2008 (CRC Press). Dr. Shatkin has participated in expert panels on nanotechnology and risk advising: FAO/WHO; the Canadian Council of Academies, the Organization for Economic Cooperation and Development, and the Society for Risk Analysis. She is widely published and speaks frequently on this topic.

She received her Ph.D. in Environmental Science and Policy in 1994 and her MA in Risk Management and Technology Assessment, both from Clark University, Worcester, Massachusetts and possesses a Bachelor of Science degree from Worcester Polytechnic University in Biology and Biotechnology. She is a research fellow of the George Perkins Marsh Institute at Clark University.