

THE LONG HAUL: NAVIGATING THE ENERGY TRANSITION TO LIMIT CLIMATE CHANGE

Dunsmuir Lodge (Victoria BC), August 11-13, 2008
BIOGRAPHIES



Warren Bell,

Warren Bell is Executive Director, Climate Change Policy, in the Climate Action Secretariat, Office of the Premier. Warren is responsible for supporting Cabinet's Committee for Climate Action, coordinating the climate action legislative agenda, and leading the development of climate policy in a wide range of areas. Warren has over 20 years of experience with energy and climate change policies and programs. Prior to joining the Secretariat in 2007, Warren was an Associate with the International Institute for Sustainable Development and also managed a consulting company that provided support to Canadian corporate and government clients in the areas of climate change, energy, and sustainability.

Warren has degrees in economics from the Universities of Victoria and Western Ontario.



Joule Bergerson,

Dr. Bergerson's primary research interests are systems-level analysis for policy and decision making of energy system investment and management. The focus of her work is developing frameworks for the assessment of prospective technology options and their policy implications from a life cycle perspective. To date, her work has addressed fossil fuel derived electricity, oil sands development and carbon capture and storage.



Rosina Bierbaum,

October 2001, Rosina Bierbaum became Dean of the School of Natural Resources and Environment (SNRE) at the University of Michigan. She has expanded the interdisciplinary research and teaching mission of the School to include global change, enhanced existing dual graduate degree programs with Business and Law, and initiated the first dual Engineering and Natural Resources Master's degree in the nation. Previously, Dr. Bierbaum served in environmental science policy leadership positions

in both the legislative and executive branches of government, culminating as director of the Environment Division of the White House Office of Science and Technology Policy, a Senate-confirmed position. Dr. Bierbaum has been elected a Fellow of the American Academy of Arts and Sciences and the American Association for the Advancement of Science.

In April 2008, Dr. Bierbaum was selected by the World Bank to co-author and co-direct its prestigious World Development Report 2010, which will focus on climate change and development. Published since 1978, the World Development Report is an annual publication that focuses on a different topic each year and aims both to consolidate existing knowledge on a particular aspect of development and to stimulate debate on new directions for development policy.

She currently serves on the boards of the University Corporation for Atmospheric Research; the National Research Council's Board on Atmospheric Sciences and Climate; the Federation of American Scientists; the Environmental and Energy Study Institute; the Energy Foundation; and the Gordon and Betty Moore Foundation. She is also a member of the Executive Committee for the Tyler Prize for Environmental Achievement and the Science Advisory Council for the John D. and Catherine T. MacArthur Foundation.

Dr. Bierbaum received her B.S. in Biology and B.A. in English from Boston College, and earned her Ph.D. in Ecology and Evolution at the State University of New York, Stony Brook.



Barry Carin

Dr. Barry Carin was High Commissioner of Canada to Singapore between 1996 and 2000. Prior to that he was Assistant Deputy Minister Trade and Economic Policy with Canada's Department of Foreign Affairs and International Trade where his responsibilities included Foreign Affairs Sous-Sherpa for four G7 Summits and leader of the branch responsible for the conduct of international trade and investments negotiations, including disputes settlement. He was also the Canadian representative on the Executive Committee of the OECD. Barry Carin holds a Ph.D in Economics from Brown University and an Honours B.A. in Political Science and Economics from McGill University.



Albert Carnesale,

Albert Carnesale is Chancellor Emeritus of the University of California, Los Angeles (UCLA), and is a professor in the Department of Public Policy and in the Department of Mechanical and Aerospace Engineering. His research and teaching focus on public policy issues having substantial scientific or technological dimensions, and he is the author or co-author of six books and more than 100 articles on a wide range of subjects, including national security strategy, arms control, nuclear proliferation, the effects of technological change on foreign and defense policy, domestic and international energy issues, and the challenges facing higher education in the United States. He chairs two committees of the National Academies: the Committee on Conventional Prompt Global Strike Capability and the Committee on Nuclear Forensics; and he is a member of the Director of the Federal Bureau of Investigation's Advisory Board on National Security and Higher Education, and of the Mission Committees of the Lawrence Livermore National Laboratory and the Los Alamos National Laboratory. Carnesale served as Chancellor of UCLA from 1997 to 2006. Prior to that, he was at Harvard University for 23 years, serving as Lucius N. Littauer Professor of Public Policy and Administration, Dean of the John F. Kennedy School of Government, and Provost of the University.



Ged Davis,

Ged Davis Co-President, Global Energy Assessment. He was until March 2007 managing director of the World Economic Forum, responsible for global research, scenario projects, and the design of the annual Forum meeting at Davos, which brings together 2,400 corporate, government, and non-profit leaders to shape the global agenda. Before joining the Forum, Ged spent 30 years with Royal Dutch/Shell, which he joined in 1972. Most recently, he was the vice president of global business environment for Shell International in London, and head of Shell's scenario planning team. Ged is a member of the InterAcademy Council Panel on "Transitions to Sustainable Energy", a director of Low Carbon Accelerator Limited, a governor of the International Development Research Centre in Ottawa and a member of the INDEX Design Awards Jury. He has led a large number of scenario projects during his career, including the multi-year, multi-stakeholder scenarios on the future of sustainability for the World Business Council for Sustainable Development and was facilitator of the last IPCC emissions scenarios.



John Dernbach,

John C. Dernbach is Professor of Law at Widener's Harrisburg campus, teaching administrative law, environmental law, property, international law, international environmental law, sustainability and the law, and climate change. His research concentrates on environmental law, climate change, and sustainable development. Professor Dernbach received a B.S. from the University of Wisconsin-Eau Claire in 1975, and a J.D. from the University of Michigan in 1978.

Over the next dozen years, Professor Dernbach worked on the development and implementation of nationally recognized programs for regulating coal and noncoal mining, municipal solid waste, and residual or industrial solid waste for the Pennsylvania Department of Environmental Resources. During this time he served as assistant counsel (1981-87), special assistant (1987-92), and Director of the Department's Advanced Science and Research Team (1992-93). He is admitted to practice in Pennsylvania.



Rod Dobell,

Rod Dobell is now Emeritus Professor of Public Policy at the University of Victoria and Senior Research Associate at the University's Centre for Global Studies. He took BA and MA degrees in economics and mathematics at UBC and completed his PhD in economics at MIT. He accepted a five-year appointment to teach economic theory at Harvard before returning to Canada as Professor of Political Economy at the University of Toronto. He has served as Deputy Secretary to the Treasury Board in the Government of Canada, Director of the General Economics Branch at OECD, Director of Research for two Parliamentary Task Forces, and as President of the Institute for Research on Public Policy, 1984-1991. In this last capacity he was responsible for creation of its research program in Environment and Sustainable Development and its 1988 proposal for a national strategic research program to address the Social Challenge of Global Change. At that time he also served as the founding chair for the Human Dimensions Committee of the Canadian Global Change Program, and privately proposed creation at UVIC of an interdisciplinary centre to pursue research in this area. In 1991 he was the first appointment to the Francis G. Winspear Chair for Research in Public Policy at the University of Victoria.

He was Principal Investigator leading the Canadian team in the multi-year, ten-arena Social Learning Group exploring the management of global atmospheric risks (Report published by MIT Press, 2001), and a member of the expert panel on Canadian Marine Fisheries in a Changing and Uncertain World, set up by the Canadian Global Change Program of the Royal Society of Canada (Report

published by NRC Press, 1999). More recently he has served as Principal Investigator in the Clayoquot Alliance for Research, Education and Training (A SSHRC-CURA project), Co-investigator with the Georgia Basin Futures (MCRI) Project and a founding member of the national Ocean Management Research Network.



Jae Edmonds,

Jae Edmonds is a Chief Scientist and Laboratory Fellow at the Pacific Northwest National Laboratory's (PNNL) Joint Global Change Research Institute, and Adjunct Professor of Public Policy at the University of Maryland at College Park. Dr. Edmonds is the principal investigator for the Global Energy Technology Strategy Program to Address Climate Change, an international, public-private research collaboration. His research in the areas of long-term, global, energy, economy, and climate change spans three decades, during which time he published several books, numerous scientific papers and made countless presentations. His most recent book, *Global Energy Technology Strategy, Addressing Climate Change*, distills more than a decade of research on the role of technology in addressing climate change. Dr. Edmonds has served in the capacity of Lead Author on every major IPCC assessment to date and presently serves on the IPCC Steering Committee on "New Integrated Scenarios". He serves on numerous panels and advisory boards related to energy, technology, the economy and climate change. He received his Ph.D. in the field of Economics from Duke University in 1975.



Robert Evans,

Robert Evans is a Professor in the Department of Mechanical Engineering at UBC, and has worked on energy technology assessment at the Central Electricity Research Laboratory in the UK, and as Director of Energy Conservation and Technology for the B.C. Ministry of Energy, Mines and Petroleum Resources. He holds a B.A.Sc. from the University of British Columbia, an M.A.Sc. from the University of Toronto and a Ph.D. from Cambridge University. He is a Fellow of the Canadian Academy of Engineering, the Institution of Mechanical Engineers, and the Society of Automotive Engineers. His research interests are in internal combustion engines, thermal power generation, and energy policy. Two new technologies have been developed in his lab to increase the efficiency and reduce the emissions from internal combustion engines. He is interested in all aspects of energy conversion systems, particularly those that will be used to reduce our overwhelming reliance on fossil fuels, and he was the inaugural Director of the Clean Energy Research Centre at UBC.

Evans is the author of a new book entitled *Fueling our Future: An Introduction to Sustainable Energy* published by Cambridge University Press in 2007. The book

provides a concise analysis of alternatives for a low-carbon energy future, and was short-listed for the 2007 Donner Prize.



Lawrence H. Goulder,

Lawrence H. Goulder is the Shuzo Nishihara Professor in Environmental and Resource Economics at Stanford University. He is also a Research Associate at the National Bureau of Economic Research and a University Fellow of the non-profit research firm Resources for the Future. Goulder's research examines the environmental and economic impacts of regional, national, and international environmental policies, including policies to deal with climate change and pollution from power plants and automobiles. He also is involved in developing more comprehensive national accounting methods for improved assessments of the long-run development prospects for various countries. Goulder has performed environmental policy analyses for various government agencies, business groups, and environmental organizations. Last year he served as vice-chair of the California Environmental Protection Agency's Market Advisory Committee to the California Air Resource Board, the committee charged with proposing the design of a "cap-and-trade" system to help meet the state's targets for greenhouse gas emissions reductions. At Stanford Goulder teaches undergraduate and graduate courses in environmental economics and policy, and co-organizes a weekly seminar in public and environmental economics.



Daniel Halberstam,

Daniel Halberstam is Professor of Law and Director of the European Legal Studies Program at the University of Michigan Law School. He served as a judicial clerk for U.S. Supreme Court Justice David H. Souter, for Judge Patricia M. Wald of the U.S. Court of Appeals for the D.C. Circuit, and as a judicial fellow for Judge Peter Jann, Court of Justice of the European Communities. He has also served as attorney-adviser in the Office of Legal Counsel at the U.S. Department of Justice, and as attorney-adviser to Chairman Robert Pitofsky, U.S. Federal Trade Commission. A graduate of Yale Law School, he was articles editor of the Yale Law Journal and editor of the Journal of Law and the Humanities. Halberstam earned his B.A., summa cum laude and Phi Beta Kappa, in mathematics and psychology from Columbia College. He obtained his Abitur at the Gutenberg-Gymnasium in Wiesbaden, Germany. Halberstam was the Founding Director of the European Union Center (now European Union Center of Excellence) at the University of Michigan and now serves on its advisory board. Halberstam also serves on the advisory editorial board of *Cambridge Studies in European Law and Policy* (Cambridge University Press). He holds a visiting appointment as Professor at the College of Europe in Bruges. He has taught and lectured widely, including at Oxford University, the

University of Edinburgh, the London School of Economics, the European University Institute (Florence), the Max Planck Institute (Hamburg), and the University of Zürich.

Halberstam's research and teaching focus on U.S., European, and comparative constitutional and public law and legal theory.



Adam Henry,

Adam Henry is a doctoral research fellow in sustainability science at the Kennedy School of Government and a Ph.D. candidate in Transportation Technology and Policy at the University of California, Davis. His research focuses on the linkages between social networks, policy learning and sustainability in the context of regional land-use and transportation planning. Differences over normative beliefs and values often drive political conflict in regional planning efforts, limiting the potential of these processes to achieve sustainable outcomes. Adam applies several theoretical frameworks and multiple methodologies (such

as agent-based modeling and exponential random graph modeling) to better understand why this occurs and what can be done about it. Adam received his Master's degree in Transportation Technology and Policy at the University of California, Davis. He is an alumnus of the Johns Hopkins University Center for Chinese and American Studies in Nanjing, where he engaged in research on the environmental impacts of population growth in China. Henry graduated from Washington and Lee University with a B.S. in mathematics and a B.A. in East Asian studies.



Buzz Holling,

Holling received his B.A. and M.Sc. at the University of Toronto and his Ph.D. at the University of British Columbia. He worked for several years in the Canadian Department of Forestry in Sault Ste. Marie, Ontario.

After working for Forestry Canada, Buzz Holling was, Professor and Director of the Institute of Animal Resource Ecology, University of British Columbia, Director of the International Institute for Applied Systems Analysis in Vienna, and Eminent Scholar, Arthur R. Marshall Jr. Chair in Ecological Sciences in the Department of Zoology at the University of Florida. He retired from the University of Florida in 1999, but remains on the faculty as an Emeritus Eminent Scholar.

He has been awarded two major awards from the Ecological Society of America, the Mercer Award given to a young scientist in recognition of an outstanding paper in ecology in 1966, and the Eminent Ecologist Award for "outstanding contributions to the science of Ecology" in 1999. He also received the Kenneth

Boulding Memorial Prize, in 2000, the Volvo Environment Prize in 2008, and an Honorary Doctor of Science from the University of Guelph in 1998. He is a Fellow of the Royal Society of Canada, a foreign Fellow of the Royal Swedish Academy of Sciences, and has been awarded the Austrian Cross of Honour for Arts and Science.

He was founding editor-in-chief of the open access on-line journal Conservation Ecology, now renamed Ecology and Society. He was also the founder of the Resilience Alliance, an international science network.



Mark Jaccard,

Dr. Jaccard has been professor in the School of Resource and Environmental Management at Simon Fraser University, Vancouver, since 1986 – interrupted from 1992-97 while he served as Chair and CEO of the British Columbia Utilities Commission. His PhD is from the Energy Economics and Policy Institute at the University of Grenoble. Mark has served on the Intergovernmental Panel on Climate Change (93-96) and the China Council for International Cooperation on Environment and Development (96-2002). He has chaired several public inquiries, advised governments throughout the world, and is a frequent media contributor. He is a member of Canada's National Roundtable on the Environment and the Economy, a research fellow at the CD Howe Institute, a climate policy advisor to Canada's Council of Chief Executive Officers, and lead author for policy in the upcoming Global Energy Assessment. He has over 90 academic publications. His 2002 book, The Cost of Climate Policy, won the Policy Research Institute award for best policy book in Canada and was shortlisted for the Donner Prize. His 2005 book, Sustainable Fossil Fuels, won the Donner Prize for best policy book in Canada. His 2006 book, Hot Air, is co-authored with Nic Rivers and Jeffrey Simpson of the Globe and Mail. Mark was named 2008 Academic of the Year by the association of British Columbia faculty members.



Dana Jackman,

Dana Jackman is a PhD student at the University of Michigan School of Natural Resources and Environment where she studies integrated assessment models of climate change and behavioral and environmental economics. She has a B.A. in Mathematics from the College of Wooster and a M.A. in Mathematics from the University of Virginia.



Marco, Janssen,

Marco Janssen has a formal training in Operations Research and Applied Mathematics. In the 1990s he worked at the Dutch National Institute of Public Health and the Environment (RIVM) on integrated assessment models of climate change and sustainable development. His research interests focus on representing social-ecological systems as complex adaptive systems, with a focus on the human behavioral component. In the late 1990s he became involved with the Resilience Alliance and applied his tools to a variety

of regional social-ecological systems.

In the early 2000s, he became interested in the evolution of institutional rules and began working with Elinor Ostrom (Indiana University). Currently, Marco is a faculty within the School of Human Evolution and Social Change, and associate director of the Center for the Study of Institutional Diversity, at Arizona State University. The current focus of research is to understand the interaction of cognitive, institutional and ecological processes. How do people, their institutional rules and the environment they live in fit together, in the past, present and the future, from local scales to the global scale? Besides the use of computational models, like agent-based models, Marco performs field and laboratory experiments, and case study analysis.



David Keith,

Director, ISEEE Energy and Environmental Systems Group, Canada Research Chair in Energy and the Environment Professor Keith works near the interface between climate science, energy technology and public policy. His technical and policy work addresses the capture and storage of CO₂, the economics and climatic impacts of large-scale wind power, the use of hydrogen as a transportation fuel, and the technology and implications of geoengineering.

Keith has served as a member of several advisory boards and panels including Canada's 'blue ribbon' Panel on Sustainable Energy Technology and as a member of US National Academy committees. He currently serves on Canada's Capture and Storage Task Force, and is one of the world's energy experts named by National Science Academies to the InterAcademy Council study on Transitions to a Sustainable Energy Systems. Keith has addressed technical audiences with articles in Science and Nature; he has consulted for national governments, industry and environmental groups and has reached the public through national media in Canada and the US.

As an undergraduate, Keith took first prize in Canada's national physics prize exam. As a graduate student he won MIT's biennial departmental prize for excellence in experimental physics and most recently he was named environmental scientist of the year by Canadian Geographic in 2006. Keith spent most of his career in the U.S. at Carnegie Mellon, Harvard and the National Center for Atmospheric Research. He returned to Canada in 2004 to build a research group on energy and environmental systems in Calgary.



Daniel Lashof,

DANIEL A. LASHOF is the director of NRDC's climate center. He is active in the areas of national energy policy, climate science and solutions to global warming. Dan is involved in developing federal legislation to place enforceable limits on carbon dioxide and other heat-trapping pollutants and to reduce America's dangerous dependence on oil. He has followed international climate negotiations since their inception and is a lead author of the *Special Report of the Intergovernmental Panel on Climate Change* on the role of land-use change and forestry in exacerbating or mitigating global warming. Dan has testified many times before Congress about energy policy and global warming. He holds a bachelor's degree in physics and mathematics from Harvard University and a doctorate from the University of California at Berkeley. He has taught environmental science as an adjunct professor at the University of Maryland and is the author of numerous articles on climate change science and policy.

Daniel Lashof is the Director of NRDC's Climate Center. Dr. Lashof has written extensively on many aspects of the global warming problem and national energy policy. His recent publications include *Dangerous Addiction: Ending America's Oil Dependence*, *A Responsible Energy Policy for the 21st Century*, and *The Role of Biotic Carbon Stocks in Stabilizing Greenhouse Gas Concentration at Safe Levels*. Dr. Lashof was a Lead Author of the Intergovernmental Panel on Climate Change Special Report *Land Use, Land-Use Change, and Forestry* and has served on the National Research Council's Committee on Atmospheric Chemistry. Dr. Lashof has followed international climate negotiations since their inception and attended the Kyoto and Hague Climate Conferences as an observer. Dr. Lashof is frequently asked to testify on aspects of global warming and energy policy before various Congressional Committees, and has appeared on the McNeil-Lehrer News Hour and Crossfire, among other television and radio broadcasts.

Before joining NRDC, Dr. Lashof served on the staff of the US Environmental Protection Agency where he was the lead author and editor of the report to Congress *Policy Options for Stabilizing Global Climate*. Dr. Lashof obtained his A.B. *magna cum laude* in Physics and Mathematics from Harvard University. He obtained his Ph.D. from the interdisciplinary Energy and Resources Group at the University of California, Berkeley.



Rob Lempert,

Robert Lempert is a senior scientist at the RAND Corporation and an expert in methods for decision-making under uncertainty, with a special focus on climate change, energy, and the environment. Dr. Lempert is principal investigator for a major National Science Foundation funded effort on climate change decision making, which studies the best means to present uncertain climate information to policy makers seeking to address climate change. He is also principal investigator for a NSF-funded effort examining the implications of alternative greenhouse regulatory frameworks on investments in energy technologies, effectiveness of regulatory systems, and public support for continued greenhouse gas mitigation. He is a Fellow of the American Physical Society, a member of the National Academy of Science's Climate Research Committee, and a member of the National Academy's Study Panel on Strategies and Methods for Climate-Related Decision Support . Dr. Lempert is Director of the Frederick S. Pardee Center for Longer Range Global Policy and the Future Human Condition, a Professor of Policy Analysis in the Pardee RAND Graduate School, and an author of the book *Shaping the Next One Hundred Years: New Methods for Quantitative, Longer-Term Policy Analysis*.



Gary Marchant,

Gary Marchant is the Lincoln Professor Emerging Technologies, Law and Ethics at the Sandra Day O'Connor College of Law at Arizona State University. He is also a Professor of Life Sciences at ASU and Executive Director of the ASU Center for the Study of Law, Science and Technology. Professor Marchant has a a Ph.D. in Genetics from the University of British Columbia, a Masters of Public Policy degree from the Kennedy School of Government , and a law degree from Harvard. Prior to joining the ASU faculty in 1999, he was a partner in a Washington, D.C. law firm where his practice focused on environmental and administrative law. Professor Marchant teaches and researches in the subject areas of environmental law, risk assessment and risk management, genetics and the law, biotechnology law, food and drug law, legal aspects of nanotechnology, and law, science and technology.



Juan Bernardo Moreno Cruz,

Juan Bernardo Moreno Cruz received his B.Sc. in Electrical Engineering from the University of Los Andes in 2003, and received his M.Sc. from the University of Los Andes in 2004. He is currently a Ph.D. candidate in Economics at the University of Calgary where he is a Graduate Fellow of the Energy and Environmental Systems Group (EESG) within the Institute for Sustainable Energy, Environment and Economy (ISEEE). His current research focuses on technical

change, economic growth and the environment, with recent emphasis on geoengineering economics.



Richard Moss,

Dr. Richard H. Moss was Director of the U.S. Global Change Research Program / Climate Change Science Program Office from May 2000 through 28 February 2006. In this capacity, he coordinated the interagency process for preparing the Climate Change Science Program's strategic plan. He also held an appointment as Staff Scientist at the Joint Global Change Research Institute (University of Maryland (College Park) and Pacific Northwest National Laboratory). His research interests

include quantitative modeling of the sensitivity and adaptability of socio-economic systems to environmental variability and change, and evaluation and communication of scientific uncertainty in assessments. In addition to these responsibilities, Moss is Chair of the Task Group on Climate Scenarios for Impact Analysis of the Intergovernmental Panel on Climate Change (IPCC) and serves on the editorial board of *Climatic Change*. He is currently Vice President and Managing Director for Climate Change at the World Wildlife Fund.



Austin Nichols

Austin Nichols is an economist in the Income and Benefits Policy Center at the Urban Institute in Washington, DC. He studies poverty, work, and family structure, social insurance, and the effects of tax and transfer policy. He is currently writing a book on tax expenditures and a book on causal inference. He will be teaching courses at the University of Maryland and George Washington University this fall. He holds degrees from the University of Chicago, Harvard, and the University of Michigan, in

chronological order.



Ted Parson,

Ted Parson is Professor of Law and Professor of Natural Resources & Environment at the University of Michigan. His research examines international environmental policy, the role of science and technology in public policy, and the political economy of regulation.

Parson's recent articles have appeared in *Science*, *Climatic Change*, *Issues in Science and Technology*, the *Journal of Economic Literature*, and the *Annual Review of Energy and the Environment*. His most recent books are *The Science and Politics of Global Climate Change* (Cambridge, 2006, with Andrew Dessler), and *Protecting the Ozone Layer: Science and Strategy* (Oxford, 2003), which won the 2004 Harold and Margaret Sprout Award of the International Studies Association.

Parson has chaired and served on several senior advisory committees for the National Academy of Sciences and the U.S. Government Global Change Research Program, including the Synthesis Team for the US National Assessment of Climate Impacts. In 2005, he was appointed to the National Advisory Board of the Union of Concerned Scientists. He has worked and consulted for the International Institute for Applied Systems Analysis, the United Nations Environment Program, the Office of Technology Assessment of the U.S. Congress, the Privy Council Office of the Government of Canada, and the White House Office of Science and Technology Policy, and spent twelve years on the faculty of Harvard's Kennedy School of Government. He holds degrees in Physics from the University of Toronto and in Management Science from the University of British Columbia, and a Ph.D. in Public Policy from Harvard. In former lives, he was a professional classical musician and an organizer of grass-roots environmental groups.



Lance Pierce,

Climate Program Director, Union of Concerned Scientists

Lance Pierce is Climate Program Director at the Union of Concerned Scientists (UCS). UCS's Climate Program is the largest of its programs, pursuing national and international policy solutions and advocacy based upon sound climate science and economics. Pierce previously worked at Harvard Business School as Project Director in the launch of the Advanced Leadership Initiative, an interdisciplinary collaborative of Harvard's graduate professional schools focused on developing case-based knowledge about cross-sectoral solutions to pressing global issues.

Pierce has worked in the private, public, and non-profit sectors with much of his professional background focusing on sustainable development and corporate social responsibility (CSR). In CSR he has worked with AFP, the world's third largest news agency, the World Bank, and served as Director, Corporate Issues Management for Fortune 20 food and consumer goods holding company, Altria Group. As a corporate consultant prior, he worked with some of the world's leading companies in investment banking, real estate, media, and US Government agencies. Pierce began his career in sustainable development, having been principal of a consultancy working with United Nations agencies and leading development NGOs, and serving in the Peace Corps in the Philippines.

Pierce currently sits on the board of Ceres, a national network of investors, environmental organizations and other public interest groups working with companies and investors to integrate sustainability into capital markets. He also sits on the board of The Nyanya Project, an organization founded to provide entrepreneurship training and support for grandmothers in Africa who have become primary caregivers in the wake of the AIDS epidemic. His credits include United Nations publications and reports, and co-authorship of Harvard Business School cases with leading HBS faculty on corporate sustainability and leadership transition, as well as documentary producing credits on US Public Television. He holds degrees from the University of Kentucky, New York University, and Harvard University.



David Rodenhuis,

Dave Rodenhuis earned a BS Degree in Mechanical Engineering from UC, Berkeley with a focus on heat transfer and power generation. Subsequently, he earned a BS Degree in Meteorology from Penn State University, and worked for several years as a weather forecaster in the US Air Force. He received his Ph.D in Atmospheric Sciences from the University of Washington.

After moving to Victoria, BC, in 2006, Dave was Senior Scientist at the Pacific Climate Impacts Consortium (PCIC) and currently is the Director of the Consortium. This year he was appointed the Director, pro tem, of the Pacific Institute for Climate Solutions (PICS), hosted by the University of Victoria under an agreement between 4 research universities in BC – UVic, UBC, SFU, and UNBC.

Previously, Dave conducted research and taught atmospheric dynamics as Assistant and Associate Professor in the Department of Meteorology, University of Maryland (1968-1985). He also was the Executive Scientist of the US GARP Committee, National Research Council; the international data manager for the GATE Tropical Experiment (WMO, Geneva, 1976) for data centers in UK, Germany, USSR, France and the US. During (1985-1995) he was Director of the Climate Analysis Center (CAC), National Weather Service, USA. He initiated the international Climate Information and Prediction System (CLIPS) program within the World Meteorological Organization (WMO), Geneva. Subsequently

(1996-2000), he was director of the Aviation Weather Center in Kansas City, and later was Senior Advisor to the headquarters of the National Weather Service. He was Senior Meteorologist (2001-2004) at the national Air Traffic Control System Command Center (FAA) located in Herndon, VA, near Washington, DC. He has also worked as an (uncertified) bicycle mechanic at Bikes at Vienna (VA), and he is currently a member of the Victoria Philharmonic Choir (BC).



Mort Webster,

Since August, 2006, Dr. Webster has been a visiting professor at MIT in the Joint Program on the Science and Policy of Global Change and in the Department of Earth, Atmosphere and Planetary Sciences. From 2001-2006, he was an assistant professor of public policy in the Department of Public Policy at the University of North Carolina at Chapel Hill. His research program is focused on the role of uncertainty (scientific or otherwise) in policy decisions and in the design of effective environmental policy. At the broadest level, he is interested in exploring the interface between formal quantitative models and the policy process. Dr. Webster's research is on how to analyze the uncertainty in assessment models of global climate change to produce insights that are useful to the policy community, including addressing the role of learning in the future on today's decision, the effect of uncertainty on multi-stakeholder negotiations, and better means of communicating results to non-experts. He received a Ph.D. (2000) in Technology, Management and Policy from MIT and a B.S.E. (1988) in Computer Science and Engineering from the University of Pennsylvania.



Johanna Wolf,

Dr Johanna Wolf is a Senior Research Associate with the adaptation programme at the Tyndall Centre for Climate Change Research at the University of East Anglia. Her research interests focus on perceptions of climate change and responses to it among the public. She currently investigates cognitive and behavioural barriers to adaptation at the individual level in the UK. Johanna gained her PhD from the School of Development Studies at the University of East Anglia. Her thesis examines how individuals and communities in coastal western Canada respond to climate change. Before and during her PhD, she worked as a consultant in science communication for SciDev.Net in London and as a consultant for the UN Climate Change Secretariat in Bonn, Germany.



Gary Yohe,

Gary Yohe is an economist at Wesleyan University in Middletown, Conn. and a lead author for the Intergovernmental Panel on Climate Change (IPCC), which shared this year's Nobel Peace Prize with former U.S. vice president, Al Gore. His current research is on adaptation to climate change in Egypt, the economic geography of climate change, visioning global equity and sustainability over the long-term, and evaluating the robustness of a globally coherent climate fingerprint.



Richard York,

Richard York is associate professor of sociology at the University of Oregon and co-editor of the Sage journal *Organization & Environment*. His research focuses on human interaction with the natural environment – particularly the connection between social structural factors (e.g., demographics and economics) and environmental problems – and the philosophy, history, and sociology of science. He has published articles in *American Sociological Review*, *Conservation Biology*, *Ecological Economics*, *Frontiers in Ecology and the Environment*, *Gender & Society*, *Social Problems*, *Sociological Theory*, *Theory and Society*, and other scholarly journals. He has twice (2004 and 2007) received the Outstanding Publication Award from the Environment and Technology Section of the American Sociological Association.