

Steering Committee on Climate Change Education: Preparing Future and Current Business Leaders – A Workshop

Committee Roster

Janet Peace (Chair), Center for Climate and Energy Solutions, Arlington, VA

Andrew Hoffman, University of Michigan, Ann Arbor, MI

Stefan Heck, McKinsey & Company, Stamford, CT

Mark Proegler, British Petroleum, Houston, TX

Bruce Schlein, Citigroup, New York, NY

Anant Sundaram, Dartmouth College, Hanover, NH

Richard Vietor, Harvard University, Boston, MA

Committee Biosketches

JANET PEACE is the vice president of markets and business strategy at the Center for Climate and Energy Solutions (C2ES). In this role, she manages the center's Business Environmental Leadership Council (BELC), the largest US-based association of companies devoted to climate-related policy and corporate strategies. BELC includes more than 40, mainly Fortune 500, companies with combined revenues of over \$2 trillion and over 4 million employees. In addition, she manages the center's economics program and its analysis of market-based policy options. Previously, Dr. Peace held the same role at the Pew Center on Global Climate Change, C2ES's predecessor organization. Dr. Peace brings more than 20 years and a wide spectrum of experience on environmental issues to her work at C2ES. As director of Offsets Development and Industry Relations at the Canadian non-profit "C3" (formerly Climate Change Center), she worked to develop cost-effective climate policy options for industry and all levels of government. Also, she has taught environmental and natural resource economics at the University of Calgary, and worked as a resource specialist with the U.S. General Accounting Office and as a geologist with the U.S. Geological Survey. Dr. Peace is an expert member of the NRC's Climate Change Education Roundtable. Dr. Peace holds a B.S. in geology, and an M.S. and a Ph.D. in economics.

ANDY HOFFMAN is the Holcim (US) Professor of Sustainable Enterprise at the University of Michigan, a position that holds joint appointments at the Stephen M. Ross School of Business and the School of Natural Resources & Environment. Within this role, Dr. Hoffman serves as director of the Frederick A. and Barbara M. Erb Institute for Global Sustainable Enterprise. Dr. Hoffman's research uses a sociological perspective to understand the cultural and institutional aspects of environmental issues for organizations. In particular, he focuses on the processes by which environmental issues both emerge and evolve as social, political, and managerial issues. He has written extensively about the evolving nature of field level pressures related to environmental issues; the corporate responses that have emerged as a result of those pressures, particularly around the issue of climate change; the interconnected networks among non-governmental organizations and corporations and how those networks influence change processes within cultural and institutional systems; the social and psychological barriers to these change processes; and the underlying cultural values that are engaged when these barriers are

overcome. Also, Dr. Hoffman was a member of the Panel on Addressing Climate Change through the Behavioral and Social Sciences. Dr. Hoffman has a B.S. in chemical engineering from the University of Massachusetts at Amherst, a S.M. in civil & environmental engineering, and a Ph.D. in management and civil and environmental engineering (joint degree) from the Massachusetts Institute of Technology.

STEFAN HECK is director of Sustainability and Resource Productivity at McKinsey & Company. Dr. Heck leads McKinsey's work in clean technology, working across sectors including solar, advanced materials, energy storage and batteries, electric vehicles, utilities, building systems, and energy efficiency. His clients include industrial and energy companies, venture capital and private equity investors, and foundations focused on sustainability and climate change. Stefan focuses on strategy and innovation, including new business building, growth, portfolio management, business model transformation, global scaling, mergers and acquisitions, and product and technology development. Prior to joining McKinsey, Stefan helped develop Apple's web presence; built a prototype satellite image-delivery system for NASA; founded the Stanford Solar Car Project, building two generations of solar-powered cars; developed expert systems for IBM; and developed pattern-recognition neural networks at Xerox PARC. Recent examples of his work include helping an Asian conglomerate build a solar business, identifying and scaling the best technologies in a U.S. industrial conglomerate, and negotiating joint ventures between U.S. and Asian technology companies. Stefan previously led McKinsey's Semiconductor Practice and has served the leading semiconductor companies around the world, including extensive work in Asia. His research focused on neural network algorithms and the neural basis of reasoning. Stefan received a B.S. in symbolic systems from Stanford University, and a Ph.D. in cognitive science from the University of California, San Diego.

MARK PROEGLER is director of Climate and Transport Energy Policy at British Petroleum (BP), where he is leading BP's advocacy efforts for the development of legislation for emissions trading and complimentary measures for low-carbon technologies in Australia and the Asia Pacific region. Prior to joining the Climate and Transport Energy Policy group at BP, Mr. Proegler worked in Australia with BP's Corporate Environmental Policy team. During his work in Australia, he was deeply engaged in greenhouse gas emissions market development, particularly in the European Union and, more recently, in the United States. Prior to this, he held a number of managerial, operational, marketing, and business development positions in a wide array of businesses with BP and the former Amoco Corporation, including gas & power, chemicals, and marketing & refining. Mr. Proegler has a B.S. in chemical engineering and an M.B.A. from Purdue University.

BRUCE SCHLEIN joined multinational financial services corporation, Citigroup, in 2006 where he works as director of corporate sustainability with Citi business and operations units to identify and develop solutions for emerging environmental issues and opportunities, with a focus on climate change and clean energy. Mr. Schlein leads an internal working group on energy efficiency financing. Previously, he worked as a sustainability specialist for Bechtel Corporation on petrochemical and civil projects in China and Romania, and for international development agencies including Save the Children, Catholic Relief Services in Bosnia Herzegovina and the U.S. Peace Corps in Papua New Guinea. Mr. Schlein is a graduate of Cornell University and

holds an M.A. in international affairs from Johns Hopkins Nitze School of Advanced International Studies, where he currently teaches “Corporate Social Responsibility” as an adjunct professor.

ANANT SUNDARAM is on the finance faculty at Tuck School of Business, Dartmouth University. Dr. Sundaram’s areas of expertise are business valuation, mergers and acquisitions, corporate governance, and financial strategies for profitable growth. Recently, his interests have broadened to examining the financial impact of climate change on companies. Dr. Sundaram works with senior managers of companies on how their financial fundamentals and performance metrics drive market values and P/E ratios, and has led director forums on corporate governance. Dr. Sundaram has published widely in law, finance, and management journals, as well as in the popular press. Dr. Sundaram pioneered numerous M.B.A. and executive education courses, including the first course on business and climate change at a leading U.S. business school, “Back In Business,” a program to facilitate the career re-entry of women who had 'off-ramped' from their corporate careers; and company-based programs. He created the Fossil Fuel Beta (FFB), a metric to measure the stock price impact of a company's exposure to fossil fuel price changes and CO2 emissions risks. Dr. Sundaram has received an honorable mention from Page Prize for Environmental Sustainability Curriculum, awarded by the Darla Moore School of Business at the University of South Carolina for his M.B.A. course *Business and Climate Change*. Dr. Sundaram has a B.S.c. and an M.S.c., from Madras Christian College, an M.B.A. from the Indian Institute of Management in Bangalore, India, and a Ph.D from Yale University.

RICHARD VIETOR is the Paul Whiton Cherington Professor of Business Administration at the Harvard Graduate School of Business Administration, and senior associate dean for the Asian Initiative. He teaches courses on international political economy. Before joining the Business School in 1978, Dr. Vietor held faculty appointments at Virginia Polytechnic Institute and the University of Missouri at Columbia. He is the recipient of the Newcomen Award in business history and served as president of the Business History Conference in 1993-94. Dr. Vietor's research on business and government policy has been published in numerous journals and books. For his courses in business-government relations and environmental management, Dr. Vietor has published more than eighty case studies on energy policy, the regulation of natural gas, nuclear power and hazardous wastes; on strategy and deregulation in airlines, railroads, telecommunications, and financial services; and on the national development strategies of a dozen countries. Dr. Vietor has been a consultant to the Hudson Institute, and the Energy Research and Development Administration. He serves on the advisory boards of the IPADE Business School (Mexico), the IESE Business School of the University of Navarra (Spain), on the INALDE Business School of the Universidad de la Sabana (Colombia), on the editorial board of the *Business History Review*, and the board of the Luigi Gerardo Napolitano Society. He is a consultant to several corporations and to the Prime Minister of Malaysia. Dr. Vietor received a B.A. in economics from Union College, an M.A. in history from Hofstra University, and a Ph.D. in history from the University of Pittsburgh.