

## **INTERNATIONAL CONFERENCE ON ENERGY, LOGISTICS AND THE ENVIRONMENT SPEAKERS**

### **Don McClure, Vice President, Government & Stakeholder Relations & Legal**



#### **EnCana Oil & Gas (USA) Inc.**

Don McClure is Vice President Finance and Business Services of EnCana Oil and Gas (USA) Inc. He joined EnCana Oil & Gas (USA) Inc. in October 2002. Don was with PanCanadian Energy prior to the merger of PanCanadian Energy and Alberta Energy in April 2002, forming EnCana.

Don has been in the oil and gas industry for more than 30 years, since his graduation from Northwestern Oklahoma State University with a Bachelor of Science degree in accounting. Don is a licensed CPA and CMA and also has an MBA from Southern Methodist University in Dallas, Texas.

Don started his career with Atlantic Richfield, holding various positions of increasing responsibility focused primarily on controllership responsibilities. Don also worked with Vastar Resources, Inc., a carve-out IPO from Atlantic Richfield and Columbia Energy Services, Inc. Don is a member of the American Institute of CPAs, Institute of Management Accountants, Financial Executives Institute and the API Upstream Committee. Don serves as a Board Member for the University of Colorado at Denver, the Colorado Oil & Gas Association (COGA), the Independent Petroleum Association of Mountains States (IPAMS) and Junior Achievement. He has currently been asked to participate on Governor Ritter's Jobs Cabinet.

### **Dr. Richard E. Franklin, Co-Chair and Executive Director of Rocky Mountain Clean Tech**



#### **Open**

Richard is: Co-Chair and Executive Director of Rocky Mountain Clean Tech Open whose mission is to "Find, Fund, Foster" Clean Tech Entrepreneurs in the six state region.

CEO and Founder of Envirobrand helping mid size companies embark on "Triple Bottom Line" strategies. Richard brings 35 years of CEO, COO, CSO, SVP level experience with corporations such as Reebok, Coors, Head Sports, Seven-Up, TCI, Nestle etc. His expertise is in strategic, organizational and process change which transforms ecological challenges into economic returns.

He has done sustainability work, CSR (Corporate Social Responsibility) projects, EMS (Environmental Management Systems), eco-strategies and brand positioning for organizations such as Merrick, Channel 9, Douglas County Schools, St. Mary's University, Saunders Construction, Texas Business for Clean Air, etc.

Among his many community activities are United Way Denver, Children's Museum, Renewable Energy Task Force, Audubon Society, Denver South Metro Chamber, Renewable Energy Taskforce, CORE, CleanLaunch Incubator, Earth Protect and Colorado Clean Tech Industry Association.

Richard earned a Bachelor of Science degree in Marketing from St. Mary's University, Halifax, Nova Scotia; a Master of Business Administration from Dalhousie University, Halifax; and was awarded an Honorary Doctorate of Commerce degree from SMU, Nova Scotia in 1999. In 2008, the South Metro Chamber awarded Richard the "Volunteer Leader of the Year" award.

He is an avid diver and has amassed over 1,000 dives in the Atlantic, Pacific and Indian Oceans, not to mention countless islands, archipelagos and fresh water lakes around the globe for the last 40 years. It has been this visual time capsule that has motivated him to make restorative changes to the planet going forward.

**Dr. Sarah Kurtz, Principal Scientist, Reliability Group Manager, National Renewable Energy Laboratory.**



Sarah Kurtz, obtained her PhD in 1985 from Harvard University and has worked since then at the National Renewable Energy Laboratory, in Golden, CO. She is best known for her contributions to developing multijunction, GaInP/GaAs solar cells and for supporting the Concentrator Photovoltaic (PV) industry. Currently, she is managing the Reliability Group at NREL and working to facilitate the growth of the PV industry, through improved performance of PV in the field.

**Tim Reeser, Chief Operating Officer, Cenergy--CSU's Clean Energy Supercluster**



Tim Reeser is the Chief Operating Officer of Cenergy, Colorado State Universities' Clean Energy Commercialization arm. Tim has a long history of Clean Energy and Entrepreneurship leadership in Colorado that started with the Natural Gas Vehicle Challenge and Hybrid Electric Vehicle Project in CSU's Engines and Energy Conversion Laboratory as a student in 1990. Following this work, Tim Reeser co-founded Engineering Computer Consultants, an engineering IT services organization that he grew to \$7 million in revenue prior to selling to 3t Systems. Under Tim's leadership as a Partner, 3t Systems, a technology consulting and software firm grew from \$15 million to \$35 Million in 3 years. Following his tenure at 3t, Tim co-founded Lightning Hybrids, a Loveland Colorado-based clean transportation

development company specializing in hybrid vehicle technology. Tim is currently leading 2 CSU clean energy spin outs (Prieto Battery and OptiEnz Sensors), and building the framework to support accelerated growth of spinouts out of CSU.

**Ed Lehrburger, President and CEO PureVision Technology, Inc.**



Ed Lehrburger co-founded PureVision Technology, Inc. in 1992 and has been serving as its President and CEO since 1998. Graduating from Western State College of Colorado with a business degree, Ed is a seasoned business entrepreneur who started and operated many successful businesses over the last 30 years. With experience in business and technology development, communications, management and finance, Ed manages PureVision's esteemed technology team and scale-up programs. Ed's primary focus is to transform PureVision from a research and development company to a provider of enabling cellulosic biorefining technologies on a large industrial scale throughout the world.

### **Dr. Heinz Buschang, Dean, School of Management, Regis University**



Dr. Heinz Buschang is the Dean of the School of Management, of the College for Professional Studies, at Regis University. He has been an affiliate faculty member of Regis University for over ten years, teaching courses in Leadership, Organizational Change, Applied Actions Research, and Ethical Decision Research. He was the recipient of the “Excellence in Teaching Award” in 2005.

As a consultant, he provided strategy development and structure analysis for major international corporations, such as Chevron/Texaco, working with project leaders in the United States, the Asia/Pacific regions and the United Kingdom. While at Eastman Kodak, he began as an Operations Manager, reducing in-process inventories by over \$100 million per year, and became the Strategic Planning Manager, where he implemented the “balanced scorecard” concept to prioritize and manage strategic improvement initiatives.

As Dean of the School of Management, he has been working on developing the strategic direction of the School and has focused on improving the relationships between the university, its’ students, full-time and affiliate faculty, and staff.

### **Esteban G. Sáenz E., Vice President of Environment, Water, and Energy-Panama Canal Authority-Panama**



Mr. Sáenz holds a Bachelor of Science Degree in Civil Engineering from the University of Panamá and obtained a Master of Science degree in Hydraulics from the University of Iowa, and a Master of Business Administration from INCAE.

He started his career with the Panama Canal Authority in 1985 as a Civil and Hydraulics Engineer in the Engineering Division. Between 1994 and 1997 he was promoted to manager of the Utilities Maintenance Branch where he oversaw the operation of the Canal’s potable water and air conditioning systems. In 1997 he became the assistant chief of the Canal Protection Division. In 1998 he accepted the challenge of directing a multidisciplinary team of canal workers in the total reconstruction of the locks track systems as manager of the Construction and Facilities Maintenance Branch in addition to the maintenance

of these main canal structures.

On September 2004 he was appointed as the interim Director of Industrial Services where he supervised the Industrial Shipyard Division and the Electricity and Water Division. On July 2007 he was appointed Vice President of Environment, Water, and Energy in charge of all the activities related to the environment, water and energy in the Canal. These activities include the production and supply of potable water, electricity and chilled water for air conditioning and sanitation. He is also the coordinator of the necessary actions for the environmental protection of the Panama Canal Watershed.

From 1978 to 1985, Mr. Sáenz worked as a civil and hydraulic engineer at the Instituto de Recursos Hidraulicos y Electrificación (IRHE), Panamá’s only electric utility company at the time, where he worked at several hydroelectric project studies such as Teribe-Changuinola, Tabasara, Changuinola I and as chief of the feasibility study of the Ciri Grande hydroelectric project within the Panama Canal watershed.

Mr. Sáenz’ career also includes the academic field. Between 1978 and 1992 he worked as a professor of hydrology, hydraulics and fluid mechanics at the Universidad Tecnológica de Panama.

**Bill Schroeder, Division Manager - Public Affairs, Intermountain Rural Electric Association (IREA)**



Colorado Native. Married, 2 children, 1 granddaughter  
Served United States Navy

**Business Experience:**

Division Manager - Public Affairs, Intermountain Rural Electric Association (IREA)  
District Director, Congressman Dan Schaefer  
Manager, Public Relations and Marketing, Valley Joint Venture  
Broker-Office Manager, Schroeder & Co., Inc. Realtors

**Legislative Experience:**

Served in the Colorado State Senate from 1986 to 1998

Majority Caucus Chairman from 1990 to 1998.

Chairman of the Joint Computer Management and Finance committees

Vice-Chairman of Business Affairs and Labor committee

Appointed by Governor Bill Owens to the “Year 2000 Task Force”

Served as Chairman of Treasurer Mike Coffman’s “Y2K Task Force”.

Served as Vice-Chairman Information Management Commission (IMC)

Served as Vice-Chairman of Colorado Commission on Taxation

Served as Vice-Chairman of the Commerce & Communication committee,

Served as Chairman of the Communication committee and member of National Tax Policy committee, National Conference of State Legislators (NCSL)

Served as Chairman of Internet Access and Taxation, American Legislative Exchange Council (ALEC)

**Appointed Boards and Commissions:**

Member of the Board - Douglas County Education Foundation

Member of the Board - Colorado Association of Commerce and Industry (CACI)

Member of the Board – Adams County Economic Development (ACED)

Former Vice-Chairman of the Advisory Board for “Center for Fiscal Analysis”

Former Board Member of the West Chamber

Former Chairman of the Board of Governors, Southeast Business Partnership (SEBP)

Former Chairman - Center for Tax Policy

**Brian G. McDonald, Vice President- Intermodal**



Brian McDonald began his career with Cenex Cooperative where he was General Manager of a feed manufacturing plant and grain elevator in Logan, Utah. Interested in the merchandizing aspects of the grain business, he moved to Portland, Oregon and spent five years as a grain trader and manager of barge and rail operations with Coast Trading Company, a large regional Grain and Pulse originator, Elevator, and Barge operator.

Brian joined Union Pacific Railroad as Market Manager for Grain and Grain Products in 1982. This was followed by assignments in the Operating Department as General Director of Service Design and in the National Customer Service Center as AVP Operations. His assignments in Marketing and Sales include, Regional Sales Manager—San Francisco, AVP Sales, AVP Forest Products, and AVP Industrial Products. In his current position as VP Intermodal, Brian is responsible for the commercial aspects of UP’s Domestic and International Intermodal business.

Brian graduated from the University of Utah with a Bachelors Degree in Political Science, and Utah State with a Masters Degree in Agricultural Economics.

**Dr, Bruce Hutton, Dean Emeritus and Professor of Marketing, Daniel's College of Business of Business, University of Denver**



education.

Bruce Hutton is Dean Emeritus, Professor of Marketing, and holds the Piccinati Chair in Teaching Innovation at the Daniels College of Business, University of Denver. He received his Ph.D. from the University of Florida. His research interests include corporate social responsibility, sustainable development, and the application of consumer behavior principles to issues of public policy. He is a recipient of the Faculty Pioneer Institutional Leadership Award from the World Resources Institute and the Aspen Institute's Business & Society Program (Beyond Grey Pinstripes) for leadership in integrating social and environmental issues into business

**John Bennett, CEO, Canadian Bio-Coal Ltd-Canada**



John A. Bennett of Vancouver, Canada is recognized internationally in various sectors of the environment field, bringing to the biomass industry a wealth of related experience and outstanding credentials as a chartered, mechanical and marine engineer.

During his 45-year career in the waste management industry focusing mainly on waste-to-energy (W2E), Mr. Bennett became a pioneer in his field directing the development of new technologies including, but not limited to, high-tech power turbines, thermal oxidizers, site remediation, hazardous and oily waste destruction, oil pollution containment equipment and forest industry issues.

Mr. Bennett, originally from Wales (UK), immigrated to Vancouver in 1966 after working on chemical and power plants with Monsanto Chemical as Chief Engineer for more than seven years. He is also a sea going certified engineer, and pulp and paper industry engineer in Canada.

In 1968, he founded Bennett Environmental dedicated to the manufacture of innovative oil pollution containment equipment. In 1981, he expanded his company and designed, built, sold, owned and operated what became the major state-of-art hazardous waste treatment facility in North America for the destruction of hazardous wastes and soil remediation.

Mr. Bennett is the founder of the "Canadian Environmental Industry Association" and the "Globe Environment Conference and Trade Show" that has become one of the largest environmental trade shows in North America. He was also honored by "Out Ward Bound Canada" in recognition of his work and contribution to the building of the "Bennett Out Ward Bound School" in British Columbia, Canada.

John is married to Anne, has three grown children and eight grandchildren.

### **Mo-Kan Wong, Director, Reefer Trade, OOCL (USA) Inc**



Mr. M.K. Wong is the Director of Reefer Trade for Orient Overseas Container Line (OOCL). OOCL is a wholly owned subsidiary of Orient Overseas (International) Limited (OOIL), quoted on the Hong Kong stock exchange. OOIL owns one of the world's largest international integrated containerized transportation businesses. Its investments are principally in international containerized transportation, logistics, and property interests in the People's Republic of China and New York, and portfolio investment securities. With more than 280 offices in 55 countries the Group is one of Hong Kong's most international of businesses. OOIL is listed on The Stock Exchange of Hong Kong Limited.

Mr. Wong is now living in the Northern California and making it his home for the last 15 years ago. He travels extensively in North America, Asia, and particularly in China.

### **Lee J. Peterson, Esq. Senior Manager – Tax, Reznick Group**



Lee J. Peterson is a licensed attorney and Senior Manager for Reznick Group's National Tax Practice. He leads the Atlanta Tax Research and Planning Department and is a member of Reznick Group's National Tax Practice. Lee has broad tax knowledge and experience in the area of income taxation of partnerships, limited liability companies and corporations. To date, Lee has been a critical tax advisor in over \$2.4 billion of renewable energy projects within the U.S. His clients include the U.S. Department of Energy, Fortune 100 companies, state and local governments and renewable energy project developers and tax equity investors. He is also responsible for advising Reznick clients on green building and

renewable energy transactions, with a significant focus on transactions that involve real estate and federal, state and local tax and financial incentives.

Lee holds a B.A. from the University of Minnesota and J.D. from William Mitchell College of Law. He is active in many professional organizations including: AWEA - American Wind Energy Association, SEIA – Solar Electric Industry Association, ACORE – American Council on Renewable Energy – CEDA Working Group, USBGC – U.S. Green Building Counsel,

ABA - American Bar Association - Tax Section, Renewable Energy Section, AICPA – American Institute of Certified Public Accountants, State Bar of Georgia, Georgia Solar Energy Association and Public Policy & Incentives Working Group

### **David Hill, Team Lead, Vice President, EnCana Oil & Gas (USA), Inc.**



David Hill is the Vice President, EnCana Oil & Gas (USA), Inc. He joined EnCana in November 2002. David is the Colorado Natural Gas Vehicle Drive Project champion at EnCana. He has over 25 years of diversified experience in the oil and gas industry. Prior to joining EnCana, David was President of TICORA Geosciences, a company specializing in unconventional natural gas resources with core retrieval, core analysis and consulting

services. David worked at the Gas Technology Institute (formerly Gas Research Institute) in Chicago, Illinois for 11 years in various management positions before joining TICORA. At GTI, he worked in Gas Shale, Coalbed Methane and Tight Gas Sands program areas. David specialized in natural gas resource characterization, technology development and technology commercialization in these program areas. He also conceptualized and was managing editor for *GasTIPS*, a technology based publication for GTI's E&P programs with circulation to over 7,000 industry professionals. David started his career with Halliburton Services, working throughout the eastern U.S. as a field engineer. He has a B.S. degree in Petroleum Engineering from Marietta College and an MBA from Kellogg Graduate School of Management, Northwestern University.

### **John Kioli, Executive Director, Green Africa Foundation-Kenya**



John is the executive Director of the Green Africa Foundation; He has written and made many Scientific and socio-economic papers and presentations at major energy conferences all over the world and has also been a key player in the formation of the Kenya Bio-Diesel Association. He is currently heading a bio-fuel project in Eastern Kenya funded by Prince Albert II of Monaco.

He sits on the National Steering Committee on Biofuel in Kenya under the Ministry of Energy and is active in the development of Biofuel Policy in Kenya. He is also a consultant for international Biofuel projects.

John is also at the helm of the Kenya Climate Change Working Group, whose main objectives are to advocate for a positive policy and legislative framework that accounts for the impact of climate change on human development and to support civil society organizations and the Government of Kenya to participate meaningfully in the climate change debates at the international level, including Conferences of Parties (COP) in addition to encouraging society to formulate policies that are designed to encourage actions supportive of the environment even among the poor segments of the population([www.kccwg.org](http://www.kccwg.org)).

### **Colin Lippincott, General Manager-Renewable energy, FreeWave Technologies, Inc.**



Colin Lippincott is the general manager of renewable energy markets at FreeWave Technologies, Inc. Mr. Lippincott has served in senior management positions at FreeWave since joining the company in January 2003. He led sales for the company to record revenues every year. In his current position, he works primarily with solar, wind and smart grid technologies to advance remote automation and SCADA success as well as build the FreeWave presence in those markets. Prior to FreeWave, he served in various management and operations roles with several companies since graduating from the University of Colorado with a Masters in Business Administration in 1983.

### **Kelly Beninga – Global Director, Renewable Energy, WorleyParsons**



Mr. Beninga stands out as one of the few in the young renewable energy industry with over 30 years of experience in developing and marketing a wide variety of leading-edge renewable energy and energy efficiency products, projects, and services. His technology experience includes solar thermal, solar photovoltaic, wind power, fuel cells, advanced batteries, thermal storage, hydrogen production, remote power, and biomass power. He has a broad background in navigating private and public sector markets in domestic and international venues, with extensive experience in leveraging strategic business alliances. Mr. Beninga has a breadth of more than 70 published papers, articles, and technical reports, augmented by wide-ranging array of professional awards.

Currently, Mr. Beninga is responsible for developing and directing WorleyParsons' Global Renewable Energy Group which executes renewable power projects primarily in solar thermal and PV, biomass, geothermal, and wind technologies.

### **Barbra Stocker, President, Intelligent Risking Inc**



Barbara Stoker is the president of IntelligentRisking, Inc. She is one of the foremost thinkers on innovation, intelligent risk taking and developing teams with sustainable energy. Barbara is a former executive for Disney, Mattel, Hallmark and Coors. Barbara's degree is in Industrial Design and her expertise is in new business and product development. She is a technical rock and ice climber, as well as, a paragliding pilot. Barbara is the author of *Positive Risk*.

### **Dr. Mosto Onuoha, Shell/NNPC Chair of Geology and former Vice Chancellor, University of Nigeria, Nsukka**



Dr. Mosto Onuoha had his early education in Nigeria and later studied at the Loránd Eötvös University in Budapest, Hungary where he majored in Geophysics, obtaining the *PhD* degree (*summa cum laude*) in 1978. He served briefly as a post-doctoral research fellow at the Geophysical Institute, Technical University of Clausthal-Zellerfeld, Germany before returning to Nigeria in 1980 as an academic staff of the University of Nigeria, Nsukka (UNN).

Mosto Onuoha rose through the ranks to the position of full *Professor of Geology* in 1988 and has over the years successfully supervised many postgraduate students including several that now hold very senior positions today in the oil industry and the academia. He has received many honours in his working life and is a *Distinguished Fellow* of many professional societies including the *Nigerian Mining & Geosciences Society*, the *Nigerian Association of Petroleum Explorationists*, and the prestigious *Nigerian Academy of Science*.

Apart from serving the University of Nigeria, Nsukka (UNN) in many capacities, including serving as Deputy Vice-Chancellor (2005-2009), he was also the pioneer *Mobil/NNPC Professor of Geology* at the *Mobil Chair*, University of Calabar (1991-92), and *Technology Development Adviser* (Subsurface Development Services), at the Shell Petroleum Development Company in Port Harcourt (1996-2002). Dr. Mosto Onuoha is currently the occupant of the *Shell/NNPC*

*Chair of Geology* at the University of Nigeria. He is also a member of the American Association of Petroleum Geologists (AAPG) and the Society of Exploration Geophysicists (SEG).

### **Brian F. Keane, President, Smart Power**



Twice named “Connecticut’s Environmental Hero”, Brian F. Keane is President of SmartPower, a Washington, DC-based non-profit marketing organization dedicated to promoting clean, renewable energy and energy efficiency. Hailed as the “Got Milk” campaign for wind, solar and waterpower, SmartPower’s award winning marketing campaigns have been credited with creating hundreds of GWh of clean, renewable energy across the nation. With operations coast to coast, SmartPower has become the unrivaled marketing organization for the clean energy industry. For their efforts, Keane and SmartPower have been recognized with numerous awards over the past years. Among them: the coveted **Green Power Pilot Award** presented by the US Environmental Protection Agency and the US Department of Energy; Four **Gold Awards** from the Service Industry Advertising Awards (SIAA); and the Connecticut Department of Environmental Protections’ **“Green Circle”** Award. In 2005 Brian Keane was recognized as one of Connecticut’s **“Outstanding Forty Under 40”**. A former advisor to the late Senator Paul Tsongas (D-MA) and a Congressional Aid to Representative Les Aspin (D-WI), Keane has built an extensive background in management, political organizing and communications. In fact, Keane has used his background in politics and communications to create organizations that challenge the conventional wisdom and ultimately become part of the national conversation and set the national agenda. He was one of the architects of The Concord Coalition, a nationwide non-profit organization dedicated to eliminating the federal budget deficit. Keane was also the founding Executive Director of Economic Security 2000 (ES 2000), the nation's first nonpartisan, grassroots organization dedicated to saving and reforming Social Security. Keane’s testimony before the U.S. Congress helped make ES 2000 a recognized national leader in the debate on Social Security reform. In fact, Former Presidents Clinton and Bush both recognized ES 2000 as a valuable resource in the discussion on Social Security.

Keane combines a passion for the environment with a marketers’ commitment for creating compelling messages that resonate not simply with the converted – but with the general population. As such, Keane is a much sought after interview and presenter on clean energy and energy efficiency. He has spoken extensively across the nation, internationally and to the local and national media.

Keane is earned his BA in Broadcast Journalism from The American University in Washington, D.C. where he earned a Bachelor of Arts in Broadcast Journalism and Political Science. Mr. Keane served as the Chairman of his brother’s successful campaign for the Boston City Council and the subsequent race for the U.S. Congress in Massachusetts’ 8th Congressional District in 1998. Brian Keane was himself, briefly, a candidate for the Massachusetts State Senate in 2002. Today Keane serves as the President of the American University Alumni Association while also sitting on the Board of Directors of the Vermont based Clean Energy Group and the Washington, DC-based Anacostia River Water Keepers Alliance. Keane is also a faculty member to the

Salzburg Global Seminar in Salzburg, Austria where he speaks on environmental marketing and messaging.

**Dr. Luka Powanga, Professor, Regis University**



Dr. Luka Powanga is the Executive Director of the Global Commerce Forum. He is also the Managing Editor of the Journal of Global Commerce Research and the Journal of Current Research in Global Business, in addition to contributing to various academic and trade Journals. He is currently the US correspondent for CargoNews Asia a trade magazine based in Hong Kong and aimed at the shipping and logistics industry, writing on the transportation infrastructure, logistics and cargo security. He has made presentations to various academic conferences and business summits such as the 2008 EXPO by the Longmont Chamber of Commerce, 3PL outsourcing and Logistics Summit and the RFID Conference by eyefortransport, including the E-Tag conference by the Georgia Ports Authority.

In the academic world, Dr Powanga is a professor of International Business and Economics in the School of Management at Regis University, Denver, Colorado, USA. He was chair of the MBA program. He holds a BSC degree in Metallurgy and Mineral Processing, Masters and PhD degrees in Mineral Economics from Colorado School of Mines with a minor in Finance from the Graduate School at Denver University. He also holds a Masters degree in Computer Information Technology specializing in database administration and network technologies and Graduate Level Certificate in Object Oriented Programming from Regis University. His industry and academic experience spans over thirty years at middle and senior management levels. He worked for the mining and telecommunications industries and consulted in international business prior to joining the academic world. He taught at Colorado School of Mines before transitioning to Regis University. He has written a textbook in economics published by McGraw-Hill. He has published papers in many peer-reviewed Journals, and written a case study for the Ivey School of Business. His research interests include international energy, sustainability and mineral development, security as it pertains to cargo and the transportation infrastructure, outsourcing and logistics, and innovative technologies such as alternative energy and Radio Frequency identification.

**Doug Sampson, Senior Vice President, ACME Distributors**



Doug Sampson CSCP CPIM, is Sr. Vice President and Co-Owner of Acme Distribution Centers, Inc., a multi-regional Third Party Logistics Provider. Doug has worked in the supply chain industry for over 30 years providing service solutions and consultancy for customers in over 10 different industry verticals at various levels of the supply chain. In addition, Doug has built up and sold 2 separate transportation related companies.

Doug is currently the Chairman of The Colorado Motor Carriers and spends much of his time working together with the ATA on legislative issues that impact our industry and environment. Doug is also an active member of CSCMP, WERC, APICS and many other supply chain industry organizations. Doug has a BS in Finance & Marketing with a minor in Accounting & Economics from the University of Northern Colorado.

## **Dr. Arun Jhaveri, First Mayor- Burien City and Certified Sustainable Development Professional (CSDP)**



Dr. Arun Jhaveri has over 35 years of professional work experience in the areas of Energy, Environment, Sustainability, Education, Engineering, Sustainable Development, and Governance. He worked for the United States Federal government for 24 years, from 1982 to 2006, first with the U. S. Army Corps of Engineers' Seattle District as an Engineering Project Manager, from 1982 to 1990, and then as a Regional Manager for the U. S. Department of Energy's Western Regional Office in Seattle, from 1991 to 2006. In addition, he worked as a Research Engineer for the Boeing Commercial Airplane Division's 747 program from 1967 to 1972, followed by the First Science/Technology Advisor in City of Seattle Mayor's Office of Management & Budget from 1977 to 1977. He was also the first Mayor of the new City of Burien, Washington state, from 1992 to 1998, followed by the Governor of the State of Washington-appointed Trustee of the Highline Community College, from 1998 to 2005. Dr. Jhaveri received his B.Sc. degree from India in 1958, followed by a B.S. degree in Engineering Physics from the University of Washington, Seattle in 1961. He then completed his Master's degree in Physics from the University of Massachusetts in Amherst in 1964. His Doctoral degree dissertation was titled "Effective Leadership for Sustainable Development in the Public Sector", granted by the Seattle University's Educational Leadership program in 2006. Dr. Jhaveri is currently an Adjunct Professor at Argosy University in Seattle. He also works as an Adviser/Consultant with many Public and Private Sector clients, specializing in Energy Efficiency, Renewable Energy Technologies, Sustainable/Green Buildings, Climate Change, and Strategic Planning.

## **Dr. Oliver A. Hemmers, Executive Director for the Harry Reid Center for Environmental Studies, University of Nevada Las Vegas**



Dr. Oliver Hemmers received his Ph.D. in Physics in 1993 from the Technical University in Berlin, Germany with specialization in x-ray atomic and molecular spectroscopy. Recent research focuses on developments of biofuels and new materials for hydrogen fuel storage. He currently manages a multi-year, multi-million dollar biodiesel project funded by the US DOE. Over the past 10 years he has been a principal investigator or co-PI on several research projects at UNLV totaling over \$6M.

Dr. Hemmers has given about 200 presentations at national and international meetings, published approximately 90 research articles, written one book, and holds one patent. He is a member of the American Physical Society and a reviewer for the American Institute of Physics and the Institute of Physics.

Dr. Hemmers is the acting Director of the Office of Strategic Energy Programs, established under his guidance in October 2006, and Associate Research Professor in the Department of Chemistry.

**Dr. Kristina Lipinska, Associate Research Professor & Project Director for Materials Research Programs, Harry Reid Center for Environmental Studies  
University of Nevada Las Vegas**



Prof. Kristina Lipinska is currently Program Director and lead Principal Investigator on DoE-funded renewable energy research projects, totaling ~\$2M, at the University of Nevada Las Vegas. The research is focused on development of solid-state hydrogen storage systems for automotive applications and on development of biofuels using ionic transfer membranes. Prof. Lipinska also serves as Associate Research Professor and Project Manager for Materials Research Programs at the Harry Reid Center for

Environmental Studies/Department of Chemistry, of the University of Nevada Las Vegas, Las Vegas, NV.

Prof. Kristina Lipinska, over the past 15 years, has initiated and led various research projects in physics and materials science all over the world. While at the University Pierre et Marie Curie – Paris VI, France she was the architect and leader in a major collaborative initiative with the international glass company St. Gobain. While working for the Italian Agency for Alternative Energy Sources (ENEA) she led several energy-related research projects. At the International Center for Theoretical Physics (ICTP) in Trieste, Italy, she directed an international team of students and researchers from academia from all over the world, working on discovery of new superconductors. In Tokyo, Japan, while a contract professor at Waseda University, Lipinska captured on behalf of the university a major research project with the Nippon Electric Glass Company (NEG), in the frame of which she managed a team of researchers and glass engineers.

**Greg Moser, Executive Director, Home Land Security, University of Denver**



Greg Moser, was appointed the Executive Director of Homeland Security Programs at the University of Denver's Graduate School of International Studies in January 2007. He has been a founding member of DU's homeland security graduate program since its inception in early 2001. In this position, he has developed and delivers three of the HLS programs core courses (Introduction to Homeland Security/Defense; Homeland Security, Prevention and Mitigation; and Homeland Security Preparedness, Response and Recovery) and has helped design several others. He has also created an innovative "HLS Classroom-to-Workplace" program that provides internships and entry-level job placement for our students. As an adjunct for

the Naval Post-Graduate School, he supported the design and delivery of a four-course certificate for the Army National Guard.

Greg also has ten years practical experience in state and local homeland security and emergency management. He served in the Colorado Office of Emergency Management as the state's terrorism preparedness coordinator from 1999-2003. In this position, he assisted local communities and state agencies with a wide range of grants, planning and training programs. As the plans, training and exercise coordinator for Jefferson County Emergency Management from 2003-2007, Greg coordinated a wide range of activities to enhance local level all-hazards prevention, mitigation, preparedness, response, and recovery. During the past year, Greg has been working with small Colorado communities and various state agencies to develop disaster preparedness programs, procedures, training, and exercises.

Greg is also a retired United States Air Force Intelligence Officer. While in the Air Force, he supported a wide range of joint and combined combat operations and military operations other than war. In addition to supporting worldwide airborne warning and control missions and strategic airlift operations, he also served as the US Intelligence Advisor to Kuwait (1994-1997),

and developed the Intelligence Support to Multi-National Operations for the National Military Intelligence Training Center at the Defense Intelligence Agency.

Greg holds an MS in Strategic Intelligence from the Defense Intelligence College, a BS in International Affairs and Area Certificate in Africa and the Middle East from Oklahoma State University.

**Denise Kay Esq., SPHR, Colorado Society for Human Resource Management (CO-SHRM)  
Legislative Director**



In her private practice, Denise has focused exclusively on human resource issues affecting the workplace. As an EPS consultant, Denise provides training on diversity, the prevention of discrimination and harassment, conflict resolution/workplace violence, and management-employee relations to the employees, managers and executives of a wide variety of clients.

**Don Clark, Akasha Energy President and Chief Technology Officer**



Don Clark, president and chief technology officer of Akasha Energy, has a broad business and consulting background in strategy deployment, research and development, environmental sustainability, business reengineering and project management. Mr. Clark has worked for Fortune 500 companies as part of corporate management and as a consultant to drive business success. He is a former corporate environmental manager and current LEAN Six Sigma Master Black Belt with expertise in process management.

**Doug Thorner, President, EForce**



Doug Thorner, Regional President, Earthstream Global, an international recruitment firm specializing in the energy industry. Doug is a seasoned recruitment industry executive who has helped organizations achieve breakthrough results and reach new heights of professionalism, innovation and customer service. In every organization Doug has served, he has played a significant role in driving profitable growth through sound business management, service integrity and keen fiscal oversight. He is adept at providing strategic leadership, creating and managing seamless business operations, and promoting staff and business development. Throughout his career, Doug has remained actively involved in client account development activities to maintain a deep understanding of the latest technology, trends and challenges, and to evaluate client and consultant satisfaction first-hand.

Prior to Earthstream Global, Doug served as president of Apariant, an international recruitment firm specializing in the fields of accounting, finance, mortgage banking and technology. Hired as vice president and first employee of the company in 2005, Doug was charged with developing the company from the ground up and responsible for strategic planning, business and technology infrastructure, staff recruitment and training, sales and delivery operations, and business development. Along with creating, supporting and closely monitoring sales and delivery operations, Doug devised strategies to help Apariant identify opportunities created by Under Doug's direction, Apariant flourished in its first full year, achieving profitability and exceeding growth and revenue projections. In recognition of his successful leadership, Doug was promoted to President in 2006.

Prior to joining Apariant, Doug was vice president of the Finance and Accounting practice for Harvey Nash. At Harvey Nash, Doug established the finance and accounting practice as one of the fastest growing divisions in the company. During his tenure, the financial services industry underwent a significant decline due to economic conditions and Doug responded by shifting business development activities to focus on the previously untapped, but still thriving at the time, mortgage banking industry. This key move enabled his division to maintain growth and profitability during a significant industry downturn. While at Harvey Nash, Doug was recognized as one of the organization's top leaders.

Doug began his career in the recruitment industry with Kforce, where he was a leading revenue producer. Doug attended Regus Universtiy. Doug is currently an active member of CORE Colorado and is on the committee of Global Commerce Forum.

**Dr. Carol L. Barbeito, President and Managing Director, Earth Protect,**



Carol has thirty years experience in executive management of which eighteen included leading companies that provided management consulting, research and training. Carol has helped thousands of organizations build their management and leadership capacity with emphasis on governance, human resource management, resource development and planning. She is experienced in major database

development and a many times published author.

She has worked extensively in the United States and internationally. A few examples of her clients are: Petroleum Information, EPA New South Wales, US Health and Human Services Region VII, University of Denver, Australia Wetlands and Grasslands Foundation, Screen Producers of Australia, Australia Film Commission, Bermuda Institute of Ocean Sciences, John Denver's Windstar Foundation and Ewing Marion Kauffman Foundation.

She has been a Senior Associate of Australia Environment International since 1990 and has volunteered for many professional and community organizations among which are the Queensland Turtle Research Project, Sierra Club South Platte Board of Directors and Castle Pines North Green. Dr. Barbeito is also President of CLB & associates.

**Dr. Frank Kreith, Professor Emeritus of Chemical Engineering, University of Colorado at Boulder, Former ASME Legislative Fellow at National Conference of State Legislatures, and Author**

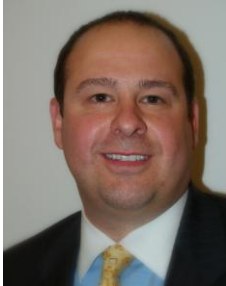


Dr. Frank Kreith has taught at the University of California, Lehigh University, and the University of Colorado, where he is now Professor Emeritus of Engineering. From 1988 to 2001 he was the American Society of Mechanical Engineers International (ASME) Legislative Fellow for Energy and Environment at the National Conference of State Legislatures (NCSL) where he provided assistance on energy, transportation and environmental

protection to legislators in all fifty state governments. Prior to joining NCSL in 1988, Dr. Kreith was the Chief of Thermal Research at the Solar Energy Research Institute (SERI), currently the National Renewable Energy Laboratory. During his tenure at SERI, he participated in the Presidential Domestic Energy Review, served as an energy advisor to the Governor of Colorado, and was the editor of the ASME Journal of Solar Energy Engineering. He is the author of over a hundred peer-reviewed articles and of textbooks on heat transfer, solar energy and transportation. He is the recipient of the Charles Greeley Abbot Award from American Solar Energy Society and the Max Jakob Award from ASME-AIChE. In 1992, he received the Ralph Coats Roe

Medal from ASME for providing technical information to legislators about energy conservation and environmental protection, and in 1997 the Washington Award for “unselfish and preeminent service in advancing human progress.” In 1998, Dr. Kreith was awarded the ASME medal for research, publications and public service and in 2004 he was named ASME Honorary Member. In 2005 the ASME established the Frank Kreith Energy Award in recognition of Dr Kreith’s contribution to heat transfer and renewable energy . He now teaches a course on Sustainable Energy for Honors students at the University of Colorado and has completed a text on this topic to be published by CRC Press in 2010.

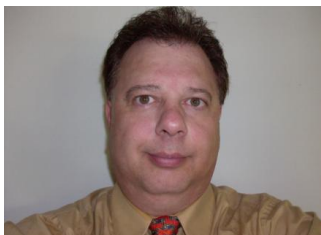
**Thomas Pyle, *President, Institute for Energy Research/American Energy Alliance***



Thomas Pyle is president of the Institute for Energy Research, a not-for-profit organization that conducts research and analysis on the functions, operations, and regulation of energy markets. He is also president of the American Energy Alliance, an advocacy and grassroots organization. Prior to these positions, Thomas founded Pyle Consulting, specializing in the development and execution of long-term legislative strategies for clients.

Tom was also vice president at The Rhoads Group, a full-service consulting firm and director of federal affairs for Koch Industries, one of the largest private companies in America. Thomas has extensive experience on Capitol Hill including: policy analyst for former Majority Whip Tom DeLay; staff director of the House Western Caucus; and legislative aide to Representatives George Radanovich and Richard Pombo, both from California. Thomas is a veteran of numerous political campaigns. A University of Southern California (USC) graduate, Thomas resides in Maryland with his wife, Bijal. They have two children.

**John Skibinski, *Vice President Renewable Energies, American Electric Technologies, Inc.***



John previously worked for 26 years at Eaton Corporation, where he held engineering, product, marketing & sales management positions for the electrical components of circuit breakers, contactors, operator interfaces, programmable controllers and drive automation systems and for the hydraulic components of cylinders, pumps, motors, accumulators and motion control systems. Working across several Divisions of Eaton, John spearheaded the business development of

new opportunities in the wind, solar, wave and hydro renewable energy markets, ultimately designing a global electrical and hydraulic condition monitoring system for all of the dams of a major hydropower OEM. After winning that project, John pursued systems engineering opportunities at American Electric Technologies, Inc. (AETI), which has a 60 year pedigree in supplying complete turnkey power generation infrastructure solutions to the harsh climates of off-shore oil & gas and commercial marine, as well as supplying complete turnkey power infrastructure solutions to the mission critical process control markets of data centers, oil refineries and water/wastewater treatment. AETI provides not only equipment solutions but their services as well, and in the southern USA AETI also offers full construction services as well.

John leads all of AETI’s renewable energy engineering, product, marketing & sales efforts across their broad array of industry solutions, and currently has implemented several partnerships with other firms to provide a complete suite of end to end generation to grid solutions that includes power generation, conversion, storage, control, distribution and management equipment; pre-, during and post construction services & support of the equipment; and the design, build and construction of complete wind and solar farms delivered as one turnkey project. John is speaking at the conference today about the wind and solar farm electrical systems best practices to provide the attendee with some knowledge about how to ensure a favorable return on investment in the rapidly growing renewable energy markets.

### **Dr. Mark Reiner, Principal, Symbiotic Engineering**



Mark is a founding Principal of Symbiotic Engineering in Boulder, Colorado. Mark received his PhD in the sustainable urban infrastructure program at the University of Colorado Denver and focused on the life cycle energy and GHG emission impacts associated with many of the primary sectors in the urban environment (e.g. building energy use, transportation, water/wastewater, and materials). Mark began Symbiotic Engineering with Dr. Michael Whitaker (who also received his PhD from the same program at UC Denver) while they were providing technical guidance, as PhD candidates, to the City and County of Denver for both the city's GHG inventory and the development and evaluation of Denver's Climate Action Plan. This experience led to the development of CarbonCity SIMS, a robust software platform that readily incorporates multiple data streams (including current and historical facility-level data from the City and the Utility) to evaluate progress towards energy/resource consumption goals, that provides city/utility decision-makers a readily accessible tool.

Mark also serves as a quality control consultant to the Global Reporting Initiative, the Amsterdam based non-profit that governs the internationally accepted standard in sustainability reporting protocols. Mark has an undergrad in geologic engineering from the Colorado School of Mines and a Masters in Science degree from University of Colorado Denver.

### **Myron Ebell, Director, Energy and Global Warming Policy Competitive Enterprise Institute**



Myron Ebell is Director of Energy and Global Warming Policy at the Competitive Enterprise Institute, one of the nation's leading free market public policy institutes, and President of Freedom Action, a web-based political activist organization. Mr. Ebell also chairs the Cooler Heads Coalition, which comprises over two dozen non-profit groups in this country and abroad that question global warming alarmism and oppose energy-rationing policies.

The Business Insider in 2009 commented that, "Myron Ebell may be enemy #1 to the current climate change community." Eric Pooley devotes a chapter of his 2010 book, *The Climate War*, to Mr. Ebell and calls him "a superstar of the Denialosphere" (that is his term for those who oppose global warming alarmism). The Financial Times this year called him "one of America's most prominent climate-change skeptics," and the San Francisco Chronicle recently noted that he "for years has been one of the fiercest critics of global warming science."

Among numerous other recognitions: Vanity Fair magazine published a long, highly critical profile of Mr. Ebell in their "second annual Green Issue" in May 2007; Rolling Stone magazine named him one of the six top "Misleaders" on global warming; and seven members of the British House of Commons from all three major parties introduced a motion in 2004 to censure him "in the strongest possible terms." Greenpeace featured him on the front page of their "Field Guide to Climate Criminals," and the Clean Air Trust named him their "Villain of the Month" in March 2001 for his role in convincing the Bush Administration not to regulate greenhouse gas emissions.

Mr. Ebell has testified before eight House and Senate committees, been quoted in thousands of newspapers, appeared on television networks around the world, and given thousands of interviews on talk radio shows. Prior to coming to CEI, Mr. Ebell was policy director at Frontiers of Freedom, a public-policy advocacy organization founded by former U. S. Senator Malcolm Wallop (R-Wyoming). While at Frontiers of Freedom, he worked on property rights, the Endangered Species Act, federal-lands policies, and global warming. He previously served as senior legislative assistant to Rep. John Shadegg (R-Arizona), where he helped develop landmark legislation that would reform the Endangered Species Act, and before that as

Washington representative of the American Land Rights Association and as assistant to the chairman of the National Taxpayers Union.

A native of Baker County, Oregon, where he grew up on a cattle ranch, Mr. Ebell holds a B.A. (cum laude and Phi Beta Kappa) from Colorado College and a M.Sc. from the London School of Economics, where he was a pupil of renowned political philosopher Michael Oakeshott. He was also a graduate student at the University of California at San Diego, where he was a Board of Regents' Fellow, and a research student at Peterhouse, Cambridge University.

### **Bill Shepard Principal GeoPoint Partners, LLC**



Bill Shepard offers customers of GeoPoint Partners extensive project experience in business process design and technology integration in Fortune 500 as well as small-business environments. Bill's prior experience includes senior positions at Union Pacific Railroad, and Transentric LLC, a provider of transportation and supply chain application software and services and wholly owned by Union Pacific Corporation. As a transportation and logistics consultant, Bill has led major technology innovation initiatives, including for the U.S. Department of Defense and the Transportation Security Administration. Bill has served as chair of the Center for the Application of Information Technology at Washington University in St. Louis, participated in MIT's Integrated Supply Chain Management Program, and is past-president of the Council of Supply Chain Management Professionals' Rocky Mountain Roundtable in Denver. Bill is also an active member of the Association for Corporate Growth, Denver Chapter, and serves as a Director of the Economic Development Group of the South Metro Denver Chamber of Commerce. He also currently serves as an executive mentor for graduate business students at the Daniels College of Business, University of Denver. Bill holds a Bachelors Degree in Civil Engineering, and MBA, both from the University of Denver

### **Tony Georgis Project Manager, Halcrow**



Tony Georgis is the Project Manager at Halcrow. Prior to this position, he was a Project Manager in the Energy Consulting and Engineering Operations of R.W. Beck (an SAIC Company). His responsibilities include leading R.W. Beck's sustainability service offering, in addition to financial and management analyses pertaining to the energy, water and waste resources industries. His expertise includes: sustainability and strategic planning, cost of service and financial analysis, energy efficiency evaluations, asset evaluations and product marketing. Mr. Georgis has a B.S. in Mechanical Engineering and a M.B.A from Texas A&M University.

### **Dr. Alan Weimer, Professor, Chemical and Biological Engineering, University of Colorado**



Alan (Al) Weimer, H.T.Sears Memorial Professor of Chemical and Biological Engineering, joined the faculty of the University of Colorado in 1996 after a 16 year career with the Dow Chemical Company. He was named Dow Central Research Inventor of the Year in 1993 and received Dow's "Excellence in Science Award" in 1995 for inventing, developing and helping to commercialize high temperature rapid carbothermal reduction processing to produce advanced ceramic materials. The process is practiced commercially today. He was named University of Colorado Inventor of the Year in 2004 and received both the campus wide and the College of Engineering and Applied

Science Faculty Research Awards in 2005. He is recipient of the 2005 DOE Hydrogen Program R&D Award in recognition of outstanding achievement in R&D for solar-driven high temperature thermochemical cycles for hydrogen production. Most recently, he received the 2009 AIChE Baron Award in Fluid-Particle Systems and will receive the 2010 AIChE Excellence in Process Development Research Award at the Annual Meeting in November, Salt Lake City, UT. His research program is focused on the functionalization of ultrafine particles with nanofilms deposited by atomic layer deposition and the use of concentrated sunlight to drive high temperature chemical reactions. Most recently he has worked at the interface of these two technologies by synthesizing spinel ferrite nanofilms on high surface area supports for rapid solar thermochemical redox cycling. His former students have co-founded two spin-off companies out of his university laboratory, ALD NanoSolutions (Broomfield, CO) in 2001 and Copernican Energy in 2006 - acquired by Sundrop Fuels (Louisville, CO) in 2008. These companies currently employ 40 people, including seven of his former students/postdocs. He is named inventor on 24 issued U.S. Patents and a co-author of over 100 peer-reviewed publications. He received his B.S. in 1976 in chemical engineering from the University of Cincinnati and his Ph.D. in 1980 in chemical engineering from the University of Colorado. He teaches the capstone plant design course sequence at Colorado and directs the research of 12 Ph.D. students and 4 postdoctoral research associates. He serves as Executive Director for the Colorado Center for Biorefining and Biofuels (C2B2web.org).

**Dr. Alan Propp, Manager of Business Development for Renewable Energy at Merrick & Company**



Dr. Alan Propp is a registered professional engineer (Texas) and Manager of Business Development for Renewable Energy at Merrick & Company. In his role at Merrick, Dr. Propp identifies new potential clients for the firm that need assistance in developing their technologies from lab scale through commercialization. In addition to his business development activities Dr. Propp participates in the execution of projects as needed, with a focus on technology integration.

Prior to Merrick, Dr. Propp consulted for a number of alternative energy technology firms, providing strategic planning, business planning, and technology development services. Dr. Propp received his Ph.D. in Mechanical Engineering from The University of Texas at Austin.

**James Muchmore, Associate, Patton Boggs LLP.**



James advises clients on renewable energy finance, corporate, transactional and securities law matters, and provides ongoing legal advice to publicly- and privately-held corporations, company management, boards of directors and private funds. He also provides counsel regarding federal securities laws, public and private offerings, mergers and acquisitions, business transactions and corporate governance.

**Ken J. Beitel, founder and Advisory Board Chairman of the Renewable Energy Initiative**



J. Beitel, founder and Advisory Board Chairman of The Renewable Energy Initiative, is an engaging speaker and educator. He is one of the country's thought leaders and resources on providing 50 million Americans with renewable energy investment choices in their 401(k) and IRA plans. Over the last three years, Mr. Beitel has been working with HR professionals, 401(k) plan providers and renewable funds from San Diego, California to Bethesda, Maryland. With the potential to generate \$350 billion over 4 years, clean energy investments via retirement plans can rapidly grow wind, solar and other renewable energy production.

**Vann Cunningham, Assistant Vice President, Economic Development, BNSF Railway Company**



Vann Cunningham is Assistant Vice President – Economic Development for BNSF Railway Co. He leads programs that encourage industries to locate or expand facilities on BNSF. He also has responsibility for development of various rail-served industrial, intermodal and transload facilities throughout BNSF's franchise. BNSF, headquartered in Fort Worth, operates on 32,500 route miles of track covering 28 states and two Canadian provinces. In his role, he has written and spoken extensively on the impact of transportation, logistics and the evolving global supply chain on corporate site selection, economic development and real estate development.

Cunningham has over 35 years' corporate site selection and economic development experience including major domestic and international projects in the public and private sectors. His Economic Development career began at the Tennessee Valley Authority (TVA), where he initially engaged in power plant siting and subsequently, served as Chief of Regional Planning, Manager of Economic and Community Development, and Senior Manager of Industrial Development. At TVA, he worked with major manufacturing companies on corporate siting projects locating in the region.

In 1996, Cunningham joined Lockwood Greene, a global engineering and consulting firm. He was responsible for directing the Economic Development and Corporate Site Selection Consulting practice. Clients included Fortune 1000 and major international firms.

He has a M.S. in Planning from the University of Tennessee at Knoxville and a B.A. in Social Anthropology from the U. T. Chattanooga.

**Rush Barrett Steelman, Jr. Major Accounts District Manager, Automatic Data Processing**



Mr. Steelman is currently a Major Accounts District Manager-Retirement Specialist for the Retirement Services Division of Automatic Data Processing (ADP). As a Retirement Specialist, Mr. Steelman works with both plan sponsors and investment advisors to utilize ADP's 21 years in the record keeping business to provide world class service and solutions to plan sponsors. Mr. Steelman is an ARPC (Accredited Retirement Plan Consultant) as designated by the Society of Professional Asset-Managers & Record Keepers and sits on the board of the Denver Chapter of the Western Pension and Benefits Conference.

Prior to his position at ADP, Mr. Steelman worked for Fidelity Investments for ten years. The majority of his time at Fidelity was in the role of Regional Retirement Consultant in both Connecticut and Colorado. Mr. Steelman received numerous accolades for his accomplishments at Fidelity, some of which include the Chairman's Award, Top Achiever Award and President's Circle Nominee.

Mr. Steelman graduated from Southern Methodist University in Dallas, Texas, and completed the Certificate in Financial Planning (CFP) program from Florida State University in January of 2003. During his free time Mr. Steelman enjoys spending time with his wife and three-year-old son. He also enjoys golf, skiing, road biking, and is a five-time marathon finisher.

### **Jim Sims, Director of Public Affairs, Molycorp**



Jim Sims is Director of Public Affairs for Molycorp, the Western Hemisphere's only producer of rare earths. In that capacity, he oversees the company's government relations, media relations, and investor relations programs.

Jim is an 11-year veteran of service the U.S. Senate, including serving as Chief of Staff to former Senator Robert W. Kasten, Jr. In 2001, he served as Director of Communications in the White House for President George W. Bush's National Energy Policy Task Force.

A renewable energy advocate in Washington, D.C. for most of the 90s, Jim co-founded and help to lead the first national geothermal energy trade association. He also served from 2001 to 2010 as President and CEO of the Western Business Roundtable.

A former newspaper reporter, Jim is an honors graduate of Georgetown University. He lives in Golden, Colorado with his wife, Holly Propst, and their three elementary aged kids.

### **Dr. Brent Nelson, Manager, Process Development and Integration Lab for PV technologies, National Renewable Energy Lab**



Brent Nelson spent most of his career studying second-generation photovoltaic (PV) devices; primarily hydrogenated amorphous silicon and its alloys at National Renewable Energy Laboratory (NREL). He has authored eighteen publications and numerous internal documents as well as coauthored an additional 77 other scientific publications. Brent referees papers for numerous journals and conferences. With more than 500 citations for his research, and having given dozens of scientific talks, Brent's work is well recognized in the amorphous silicon PV field.

Currently Brent manages a laboratory designed to integrate as many of the PV technologies and material characterization techniques as possible. The ultimate goal is to get the appropriate skill sets, working together with state-of-the-art equipment, to answer the most pressing PV-related questions. The operation of this facility, known as the process development and integration lab (PDIL) requires integrated hardware, software, and "peopleware" (<http://www.nrel.gov/pv/pdil.html>). It is one of NREL's most visible laboratories. Brent is also a well known within the PV community for his expertise in safety practices in working with hazardous production materials (HPMs) and has chaired the HPM safety panel at NREL for over a decade. He has been on the organizing committee for six international

scientific conferences including a joint conference of the premier United States, Asian, and European PV communities. Brent also volunteers with the NREL education office on promoting renewable energy in the classroom and is on the advisory board for the development of a Renewable Energy Class at a local high school. He has given talks on the bigger energy picture to numerous community and industrial groups.

NREL is the premier laboratory dedicated to renewable energy within the Department of Energy's National Laboratory system (<http://www.nrel.gov/html>).

**Martha Symko-Davies, Senior Program Manager, National Renewable Energy Laboratory (NREL) in Golden.**



Martha Symko-Davies is a Senior Program Manager at the National Renewable Energy Laboratory (NREL) in Golden. She manages the subcontracted R&D group at NREL. The group works towards the U.S. Department of Energy (DOE) efforts to make solar electricity from Photovoltaics (PV) cost-competitive with conventional forms of electricity from the utility grid by 2015. The goals are to reduce costs through R&D and to eliminate market barriers through deployment.

Within the DOE portfolio she manages the PV Technology Incubator subcontracted program. This DOE funded program provides \$3million/company in funds to small businesses to take a prototype device or module to >3MW pilot production within 18-months. The companies that are selected are thought to enter the market in the 2011-year time frame. The companies are partnered with experts and capabilities at DOE's National Renewable Energy Laboratory, reducing project implementation risk, quickly overcoming R&D hurdles, and increasing the likelihood that the performance and reliability objectives can be achieved.

Martha received her B.S. in Physics from the University of Utah (1991) and her Ph.D. in Material Science from the University of Denver (1997). She immediately joined NREL after her graduate work and has been employed there for over 10 years. She currently serves as area chairs to many photovoltaic conferences such as IEEE and SPIE.

**Dr. Robert Remick, Director, Hydrogen Technologies and Systems Center, National Renewable Energy Lab**



Dr. Remick is Director of the Hydrogen Technologies and System Center at NREL. He is responsible for managing day-to-day activities of the Hydrogen Center, building partnerships with industry, and promoting the strategic goals of delivering high-quality science and technology focused on renewable energy production, delivery, and use of hydrogen.

Previous to joining NREL, Dr. Remick was employed, for 28 years, by the Gas Technology Institute (GTI) in Chicago where he gained experience in fuel cell and hydrogen systems, directed research on the commercialization of fuel cells, and participated in the launching of two for-profit fuel cell companies based on GTI technology.

Dr. Remick has authored 50 technical publications and holds 9 US Patents.

Dr. Remick has a PhD in Inorganic Chemistry from the Pennsylvania State University.

**Dr. Ryne Raffaele, Director, National Center for Photovoltaics, National Renewable Energy Lab**



Dr. Ryne P. Raffaele is the Director of the National Center for Photovoltaics at National Renewable Energy Lab (NREL). Previously, Raffaele was the Academic Director for the Golisano Institute for Sustainability and Director of the NanoPower Research Laboratory at Rochester Institute of Technology (RIT) in New York. While directing the two institutions at RIT, he also served as a professor of physics, microsystems engineering and sustainability and was responsible for \$20 million in research grants in photovoltaics, thin-film processing, and nanomaterials research. He co-founded two photovoltaic and power system start-up companies, authored or co-authored over 150 refereed publications, and has served on the organizing committee for the past four IEEE Photovoltaics Specialists Conferences and the last World Conference.

**Mr. Anthony Nickens, VP, Energy and Electrosynthesis Group, Ceramatec Inc. & CoorsTek**



Anthony is the Vice President of the Energy and Electrosynthesis Group at Ceramatec Inc. Ceramatec, a subsidiary of CoorsTek, is an advanced research and development company specializing in novel waste treatment systems, energy systems, synthetic fuel production, gas generation, and next generation materials. Anthony directly works with Fortune 100/500 companies and government leaders to tailor Ceramatec's research efforts meet their unique and challenging requirements. He has a distinct passion for customer satisfaction and win/win business agreements. His efforts have directly lead to new levels of business growth for Ceramatec.

Prior to joining Ceramatec, Anthony served in the federal government in various leadership and engineering positions in the Office of Naval Research and Naval Sea Systems Command. He directly oversaw the successful development of new shipboard energy systems, various waste management systems, and led the Navy's efforts to develop and qualify non-CFC based refrigerants and new fire fighting systems. He has co-authored 14 technical papers and a paper on engineering leadership.

In parallel to his business career, Anthony also holds the rank of CAPT (0-6) in the Navy Reserves and has served 4 Command tours and is currently the Commanding Officer of a Reserve Unit based in San Diego, CA that supports the Office of Naval Research.

His military awards include two Command Excellence awards, a Naval Meritorious Service Medal, Naval Commendation Medal (with three gold stars), a Naval & Marine Corps Achievement Medals) with three gold stars), a Defense Service Medal and the Armed Forces Reserve Medal.

Regarding Anthony's education, he holds several degrees including a (1) Masters of Arts degree in National Security and Strategic Studies from the Naval War College, (2) Master of Science, majoring in chemical engineering, from the University of Florida, (3) Masters of Business Administration from the Florida Institute of Technology, and (4) Bachelor of Science (magna cum laude) from North Carolina State University. In addition, Anthony is a graduate of University of Virginia's Darden School of

Business Executive Program, and the Defense Systems Management College's Program Managers Course.

Anthony was born in Sanford, N.C. and is married to his lovely wife Kim, a native of the great state of Montana. They have two very active teenage kids. The family resides in beautiful city of Sandy, Utah.

### **Mark Zoltay, Managing Director, MassMutual Retirement Services**



Mark Zoltay is a Managing Director for MassMutual Retirement Services. Mark has worked with advisors and plan sponsors to develop best in class retirement plan solutions for their participants for nearly 15 years. Mark is a native of Colorado, and a Board Member of the Colorado Chapter of the Western Pension and Benefit Conference.

### **Khurshid Qureshi, Ph.D. President & CEO VerdeLogix and Senior Partner Technology Infrastructure Group**



Khurshid Qureshi is president & CEO of VerdeLogix Corporation developing solutions for integrating alternate energy to the Smart Grid and Demand Side Management. Dr. Qureshi, a Past President Association of Muslim Scientists & Engineers, has more than 25 years of experience in Knowledge based Economy, aerospace, satellite communications, telecom, wireless and ICT.

Dr. Qureshi worked at General Motors in several senior executive positions. As Director of Advanced Technology at General Motors, he was responsible for transferring Hughes Aerospace and Satellites technologies to automotive applications and developing On-Star system. As a founding member of Saturn Corporation (Division of GM), Dr. Qureshi managed new vehicle program and vehicle sales of \$400 Million. He was also president of University OneCard System, a company involved in debit cards and security system for colleges and universities. At Ingersoll Rand, he was Business Unit Manager for Electronic Security Systems. He started a new division which sales reached to \$75 Million in 3 years. Dr. Qureshi co-founded EcomNet, a Silicon Valley B2B company in 1998 and zeeWAVES Systems a high tech wireless infrastructure company in 2004. Dr. Qureshi, along with other executive team members, was responsible for the increase in sales of a start-up company to \$160 Million with EBITDA of \$25 Million within 5 years. Technology Infrastructure Group where Dr. Qureshi is working as a Senior Partner is developing Technology Incubators and ICT Networks in the Middle East. He founded zeeWAVES Networks and cofounded 1EComNet in Silicon Valley.

Dr. Qureshi holds 12 US and International patents in the field of high technology (IT, electronic, transportation). He has won numerous awards in innovation, entrepreneurship and technology. He also serves on board of nonprofit and technology companies and as a member of Board of Advisors of University of Denver. He often volunteers his time to local, national and international organizations for human development. Dr. Qureshi is well sought speaker at international think tanks and knowledge based economy forums. He discusses strategic socio-economic and geo-political issues in light of high tech economy. He has traveled well over 100 countries in every continent.

He is a graduate of Oklahoma State University and the Stuart School of Business, Illinois Institute of Technology. He is also a graduate of the Senior Executive post Graduate Management Programs at Anderson School of Business at the University of California, in Los Angeles.

**Fred C. Juliander, Juliander Energy**



Fred has over 39 years of experience in energy and natural resources as an independent operator. He has been a leader in the oil and gas community pushing for responsible exploration and development and for recognition that natural gas has a bright future as a natural complement to renewable energy and efficiency. Fred is a member of the National Petroleum Council, past President of the Colorado Oil & Gas Association, founding Chairman of COGA's Rocky Mountain Natural Gas Strategy Conference and Chairman of the Natural Gas Committee of COGA. Fred is also the recipient of the 2007 Distinguished Public Service Award presented by the Rocky Mountain Association of Geologists. In 2009 Mr. Julander was selected to the Independent Petroleum Association of Mountain States Rocky Mountain Oil & Gas Hall of Fame. Mr. Julander earned a BA degree from the University of New Mexico and a JD degree from the University of Iowa Law School. He is a graduate of the University of Denver's Executive MBA program.

**Jonathan W. Postal (J.W.) — Sr. V.P. of Business Development and Government Relations, MainStreet Power**



Mr. Postal is a founder in Main Street Power and leads the company's business development, marketing, and government relations' efforts. He has successfully developed a national pipeline of projects and closed numerous deals across the country. Mr. Postal was an elected member of the Democratic National Committee from 2000 to 2008, a Super Delegate for the Obama Campaign, and Vice Chair of the Western Caucus. He has 18 years of business development experience with AG Edwards and as a partner in an independent investment firm that managed over \$700 million in assets. Mr. Postal has a Bachelor's degree from the University of Colorado and holds a Master's Degree in Public Policy from Georgetown University.

**Dr. Larry Kazmerski, Executive Director, Science and Technology Partnership, National Renewable Energy Lab**



Lawrence L. Kazmerski is Executive Director, Science and Technology Partnerships at the National Renewable Energy Laboratory, Golden, Colorado - having served as Director of the National Center for Photovoltaics for the period 1999-2008. He received his B.S.E.E. in 1967, M.S.E.E. in 1968, and his Ph.D. degree in electrical engineering in 1970—all from the University of Notre Dame. He served in a postdoctoral position with the Atomic Energy Commission at the Notre Dame Radiation Research Laboratory, January through August 1971. He was on the electrical engineering faculty of the University of Maine before coming to SERI (NREL) in 1977. His research at Maine included NSF- and ERDA-funded work in thin-film photovoltaics and the report of the first thin-film copper-indium-diselenide (CIS) solar cell. He was SERI's first staff member in

photovoltaics, hired specifically to establish efforts in the characterization of photovoltaic materials and devices; he led NREL efforts in measurements and characterization for more than 20 years. He has more than journal and proceeding 300 publications. He has been recognized with several national and international awards, including the IEEE Cherry Award, the Karl W. Boer Medal in Solar Energy, the ASES Charles Greeley Abbot Award, and is a Fellow of the IEEE, a Fellow of the APS, and a Fellow of the AVS. Kazmerski is a member of the National Academy of Engineering.

**Dr. Carol W. Carlson, President, August-Gram Consulting, Inc**



Carol Carlson, owner of August-Gram Consulting, Inc., creates strategies for sustainable business operations. From entrepreneurs to established corporations, we define and solve challenging management and technical problems so you can capitalize on growth opportunities. We do this by working side-by-side with your staff to understand the issues, analyze data and apply models to help you make informed decisions.

Dr. Carlson received her Ph.D. in Energy Economics with an emphasis in Operations Research from the Colorado School of Mines. She holds Bachelor's and Master's degrees in Mechanical Engineering, and is a licensed Professional Engineer in the states of Colorado and Florida.