



12th Annual

World Congress on Industrial Biotechnology

linking biotechnology, chemistry + agriculture to create new value chains

July 19-22, 2015
Montréal



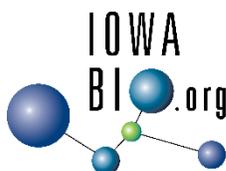
**Monday
July 20, 2015**

12:00pm – 2:15pm

Lunch Plenary - State and Regional Approaches to Developing the Biobased Economy & George Washington Carver Award Presentation



Sponsored by:



Awards Sponsored by:



James C. Greenwood
President & CEO
Biotechnology Industry Organization (BIO)

James C. Greenwood is President and CEO of the Biotechnology Industry Organization (BIO) in Washington, D.C. BIO is the world's largest trade association representing biotechnology companies, academic institutions, state biotechnology centers and related organizations across the United States and in more than 30 other nations. Prior to joining BIO, Mr. Greenwood represented Pennsylvania's Eighth District in the U.S. House of Representatives from January 1993 through January 2005. From 2001 to 2004, Mr. Greenwood served as Chairman of the Energy and Commerce Committee Subcommittee on Oversight and Investigations. He led hard-hitting investigations into corporate governance at Enron, Global Crossing and WorldCom; terrorist threats to our nation's infrastructure; and waste and fraud in federal government agencies. Prior to his election to Congress, Mr. Greenwood served six years in the Pennsylvania General Assembly (1981-86) and six years in the Pennsylvania Senate (1987-1992). Mr. Greenwood graduated from Dickinson College in 1973 with a BA in Sociology. From 1977 until 1980, he worked as a caseworker with abused and neglected children at the Bucks County Children and Youth Social Service Agency. Mr. Greenwood is married with three children and resides in Upper Makefield, Pennsylvania.



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Terry Branstad
Governor
Iowa

Governor Terry Branstad was born, raised and educated in Iowa. Branstad was elected to the Iowa House in 1972, '74 and '76, and elected as Iowa's lieutenant governor in 1978. Branstad was Iowa's longest-serving governor, from 1983 to 1999, serving four terms. During this time, he weathered some of Iowa's worst economic turmoil during the farm crisis of the '80s, while helping lead the state's resurgence to a booming economy in the '90s. By his departure in 1999, Iowa's unemployment rate went from 8.5 percent to a record low 2.5 percent. Following his governorship, Branstad served as president of Des Moines University. During his 6-year tenure, he grew the university into a world-class educational facility. In 2011 Branstad was elected as Iowa's governor. Gov. Branstad signed a two-year budget with a 5-year projection which provided Iowa businesses the predictability and stability necessary for growth. As a result of his work with the Legislature, the state of Iowa has erased the \$900 million spending deficit that existed in 2011 and has turned it into a \$900 million surplus today. On November 4, 2014, Gov. Branstad was re-elected for another term. Gov. Branstad and his wife Chris have three children and six grandchildren.



Pramod Chaudhari
Executive Chairman
Praj Industries Limited

Pramod Chaudhari is the Executive Chairman of Praj Industries (founded 1984), a global Bioenergy, Renewable Chemicals and Environmental Technologies Company. Praj is a global process solutions company driven by innovation and integration capabilities. The organization offers solutions to add significant value to Bio-Ethanol facilities, Brewery plants, Water & Wastewater treatment systems, Critical Process Equipment & Systems, High Purity solutions and Bioproducts. Recently, Praj was awarded with 'Late Shri B G Deshmukh Corporate Social Responsible Innovation Award' by MCCIA Pune. Chaudhari is committed to innovative solutions in the pursuit of clean and green technologies for a sustainable environment and business and strongly believes in 'Triple Bottom Line' as a guiding principle for business. Chaudhari is a great



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lover of entrepreneurship and intrapreneurship development. Chaudhari has been associated with many eminent organizations holding responsible positions with organizations such as the Confederation of Indian Industry and the World Council on Industrial Biotechnology. He has been actively contributing on various Climate Change forums including the UN Leadership Forum on Climate Change. Chaudhari had also been voted amongst 'Globally Top 100 People' in BioEnergy space by Biofuels Digest. Chaudhari is a 'Distinguished Alumnus of IIT Bombay (1971)' and an alumnus of Harvard Business School (AMP 1995).



Tyler Whale
President
Ontario Agri-Food Technologies

Tyler Whale is a lucky hybrid of agricultural and academic backgrounds and possesses passion, experience and insight into the agri-food industry. Tyler was raised on a 7th generation dairy farm in Wellington County. After completing his Bachelor of Science in Biochemistry at McMaster University in 1999, Tyler went on to obtain a PhD in microbiology/immunology from the Vaccine and Infectious Disease Organization at the University of Saskatchewan in 2005 and an MBA in 2007. Along with two decades of farming experience, Tyler is an experienced entrepreneur and most recently worked at the University of Guelph's Catalyst Centre for 6 years initiating collaborative R&D projects between industry and academia. Dr. Whale is now the President of Ontario Agri-Food Technologies, an organization that contributes to the viability of agri-food innovations with particular focus on the bio-economy.



Bernardo Silva
Executive President
Brazilian Industrial Biotechnology Association (ABBI)

Bernardo Silva was appointed Executive President of the Brazilian Industrial Biotechnology Association (ABBI) in January 2015. Prior to joining ABBI, Bernardo worked at the World Economic Forum headquarters in Cologny, Switzerland, overseeing corporate and membership affairs in South America. He also served in a variety of government affairs and policy advocacy



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roles within the Brazilian Trade and Investment Promotion Agency (ApexBrasil), and with the United States Department of Agriculture (USDA) in Brasilia, Brazil. Bernardo earned his MA degree from Tufts University's Fletcher School of Law and Diplomacy, MBA from Fundação Getúlio Vargas (FGV), and holds a BS degree in Economics from UniCEUB. Bernardo was also the first Brazilian to ever be accepted as a Global Leadership Fellow at the World Economic Forum.



Barend Verachtert
Deputy Head of Biotechnologies Unit
European Commission

Barend Verachtert is currently the deputy Head of the Biotechnology Unit in the Directorate General for Research and Innovation of the European Commission. The unit is in charge of the development and implementation of biotechnology research policies in the context of the 7th Framework Programme for Research and Development (FP7) and beyond. Previous assignments in DG Research included the SME unit in charge of the development of SME research policies and the promotion of SME participation in FP6 and FP7, and the Food Quality and Safety unit. Before joining the European Commission in 1998, Barend Verachtert was a technology acquisition manager for Plant Genetic Systems NV, a Belgian plant biotechnology company. He obtained a PhD in biology from the University of Leuven in 1988.



Marcos Vinicius de Souza
Secretary of State for Innovation, Ministry of Development, Industry, and Foreign Trade
Brazil

Marcos Vinicius de Souza is Secretary of State for Innovation at the Brazilian Ministry of Development, Industry, and Foreign Trade (MDIC). He is a civil servant in the Foreign Trade Analyst career. He has a Bachelor of Business Administration, MBA in Cluster Development from ECLAC/United Nations and training in innovation policy by VINNOVA – the Swedish Innovation Agency. Secretary de Souza is a member of the main Advisory Boards and Steering Committees related to innovation policy in the Brazilian Federal Government. Before joining the Ministry, he worked at a strategy consulting firm and venture capital fund.



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4:30pm – 6:00pm

General Plenary - Achieving Feedstock Sustainability in the Biobased Economy

Supported by:  National Research Council Canada Conseil national de recherches Canada



Matthew Rudolf
Business Development & Americas Director
Roundtable on Sustainable Biomaterials (RSB)

Matt leads RSB's business development team and promotes RSB certification in North and Central America. He has 10 years of experience working in biomaterials, sustainability and international development. His work takes him to the far reaches of the globe, where he works with agricultural and industrial bioenergy and biomaterial producers to promote their efforts for better social and environmental performance. Prior to RSB, Matt was Executive Director of Piedmont Biofuels Inc. Matt is a frequent author and conference speaker on bioenergy sustainability. Matt earned a BA in Psychology from the University of Massachusetts.



Ken Shields
Chairman, President & CEO
Conifex Timber

Mr. Shields is the Chairman, President and Chief Executive Officer of Conifex Timber Inc., a public Canadian company operating in the forestry, sawmilling and green energy sectors. Mr. Shields currently serves as a member of the Board of Directors of the Forest Products Association of Canada and the Council of Forest Industries of British Columbia. He has served as a member of the board of directors of Raymond James Financial, Inc., and retired as Chief Executive Officer of its Canadian subsidiary, Raymond James Ltd., in February 2006. Mr. Shields has served as a past Chairman of the Investment Dealers Association of Canada and the



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Canadian Bioenergy Association. He is a former director of each of Slocan Forest Products Ltd., Mercer International Inc., and TimberWest Forest Corp.



Allan Green

Research Program Director for Bioproducts

Commonwealth Scientific and Industrial Research Organisation (CSIRO)

Dr. Allan Green is Research Program Director for Bioproducts in the CSIRO Food and Nutrition Flagship in Australia. His research career has been devoted to understanding the genetic control of oil and fatty acid biosynthesis in plants, for the purpose of developing new and improved oil crop products. He has been a pioneer in using increasingly sophisticated genetic technologies for the modification of fatty acid composition in oilseed crops to provide improved nutritional value, enhanced functionality, and novel industrial end uses. In the 1990's he was recognized as a Fellow of the Australian Institute of Agricultural Science for his redesign of linseed into an edible oil crop (Linola). The Plant Oil Engineering research group that he subsequently established at CSIRO has for over two decades been at the forefront of global research to increase plant oil production and to tailor oil composition to meet specific nutritional and industrial end use requirements. Their research is creating significant opportunities for innovation in the Australian and global oilseeds industries, through the imminent commercialization of DHA-canola and super-high oleic safflower, as well as their recent development of potentially disruptive technology for producing oils in plant leaves.



James Levine

Chief Executive Officer

Sapphire Energy

Mr. James E. Levine joined Sapphire Energy in 2014 as Chief Executive Officer, bringing to the company a wealth of proven business experience in the industrial biotechnology industry. At Sapphire Energy, Mr. Levine leads ongoing efforts to transform the significant technical progress the company has achieved through independent efforts and partnerships. Previously, Mr. Levine served as President, CEO and board member at Verenum Corporation, an industrial



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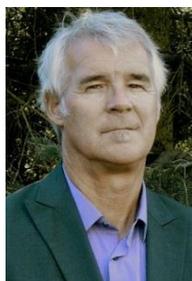
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biotechnology company based in San Diego. At Verenium Mr. Levine initiated and managed many critical partner relationships with a diverse suite of companies in the field. These relationships enabled Verenium to apply its core enzymes technology to large, global markets including biofuels and animal nutrition, and to achieve a clear path to sustained profitability. Prior to Verenium, Mr. Levine was a Managing Director in the investment banking department of Goldman Sachs & Co. in both New York and London, where he focused on serving clients in the global energy and biotechnology industries. His long term clients included major oil companies and US and international oil refining companies. Mr. Levine received an M.B.A. degree with a concentration in finance from the Wharton School of the University of Pennsylvania and a B.A. in Economics from Brandeis University in Massachusetts.



Steven Fabijanski
President & CEO
Agrisoma Biosciences

Steven Fabijanski is President and CEO of Agrisoma Biosciences. Prior to his appointment with Agrisoma in 2007, Steven held various positions in agribusiness, including senior roles in research management and corporate development, domestically and internationally. In his role with Agrisoma Biosciences, he has led the company to become one of Canada's leading agricultural companies, commercializing a new class of industrial oilseeds for sustainable production of renewable diesel and aviation fuels. In 2014, Agrisoma was selected as the recipient of Canada's Gold Leaf Award as "Biotechnology Company of the Year", recognizing the innovation achieved in the commercialization of this new class of agricultural products. Steven holds a Ph.D. in Cellular and Molecular Biology from the University of Southern California, and a Bachelor Degree in Biology from the University of Miami. In addition to his current role at Agrisoma, Steven is a member of the AgWest Bio Inc. Board of Directors, and Chair of their Commercialization Committee, Chair of the Industrial and Agriculture Advisory Board of Biotech Canada, former Member of the Energy Panel of the National Sciences and Engineering Research Council of Canada, and actively participates in the development and promotion of Federal policy initiatives for the agricultural and renewable energy sector.



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Greg Jenkins
Chief Executive Officer
Ciris Energy

Greg Jenkins is the Chief Executive Officer of Ciris Energy. He is responsible for leveraging the multiple disciplines of chemical engineering, microbiology, reservoir engineering and geology in the conversion of carbon within coal into methane and industrial chemicals. Jenkins joined Ciris in November 2012. Over the past 30 years Jenkins has held top leadership roles in a variety of energy companies including NYSE Energy companies, Jenkins Resources, LLC, Syntroleum Corporation, El Paso Corporation, Hadson Corporation, and Santa Fe Energy Company. During his career he has been nominated as Financial World's Chief Executive Officer of the Year. His industry experience spans oil and gas exploration and production, natural gas gathering, processing and marketing, power generation, refining and chemical operations, P&L balance sheet management, M&A, as well as project and corporate financings. His past and current board affiliations include Western State Colorado University, Petroleum Land Resource Management Advisory Board, Venuetainment Board of Directors, Executive Committee of International Group of Liquefied Natural Gas Importers, Member of the Joint American Japanese Commission on Trade, Board Member of Intercontinental Exchange (ICE) – Electronic Commodity Trading Exchange, and Board of Directors of Houston Habitat for Humanity. Jenkins received his B.A. in Business Administration/Economics from Western State College.



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**Tuesday
July 21, 2015**

8:00am-10:00am

Breakfast Plenary – Biobased Innovations for the Coming Decade



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Jim Lane
Editor & Publisher
Biofuels Digest

Editor & publisher of Biofuels Digest, the most widely-read biofuels daily and newsletter. The Digest covers producer news, research, policy, policymakers, conferences, fleets and financial news. It is home to the Biofuels Digest Index™, The 30 Most Transformative Technologies, and the “50 Hottest Companies in Bioenergy” annual rankings.



Olga Selifonova
CEO & Founder
Reluceo Holdings

Olga Selifonova is the Chief Executive Officer and Founder of Reluceo Holdings since 2013. Prior to current position, Olga served as CEO of Reluceo Inc. and XLTerra, Inc. (2009-2013), Minnesota-based VC-backed green chemistry companies dedicated to development of renewable and degradable polymers. Prior to Reluceo and XLTerra, Olga and Sergey co-founded Segetis, Inc., a company developing levulinic ketal-based products, and served as Segetis' vice president of corporate development (2007-2009). With more than 30 years of diverse biotechnology experience Olga has held research positions at Cargill's Biotechnology Development Center in



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the area of metabolic engineering, Genencor International in Palo Alto, where she contributed to molecular evolution efforts and to the collaborative 1,3-propanediol project between DuPont and Genencor, at the University of Minnesota, the U.S. EPA, the Penn State University, and at the Shemyakin - Ovchinnikov Institute of Bioorganic Chemistry, USSR Academy of Sciences. Olga has first-hand experience with the development of bio-based industrial chemicals such as 1,3-propanediol, 3-hydroxypropionic acid and levulinic ketals. Olga has 12 peer-reviewed publications, 24 issued U.S. patents and a number of issued patents and pending patent applications worldwide in the fields of biotechnology, molecular evolution and metabolic engineering for renewable chemical production.



William Radany
President & CEO
Verdezyne

William Radany has over 30 years of experience in the biotechnology industry. Prior to joining Verdezyne, he was the President and CEO of High Throughput Genomics, Inc., a provider of novel array-based gene expression assay technology for the life science industry. Previously, Dr. Radany was President of Biacore and founder and CEO of NeoGenex. Dr. Radany has held executive positions at Xencor, Caliper Technologies and Stratagene, where he helped establish business relationships with major pharmaceutical and biotechnology companies. Dr. Radany has spoken at numerous conferences and has invented several patents over the past 30 years. Dr. Radany received his Bachelor of Science degree in Cell Biology from Colorado State University and a Ph.D. in Biochemistry/Physiology from the University of Wyoming.



David Demirjian
President & CEO
ZuChem

Dr. Demirjian was previously Founder and President of ThermoGen, Inc., a Chicago-based bioprocess company which was a pioneer of esterase biocatalysis technology for pharmaceutical applications. He is a previous winner of the Research Director's Association of Chicago "Entrepreneur of the Year Award" (1997) and recipient of the U.S. SBA "Tibbets Award" for



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successful commercialization of technology developed under the Federal SBIR grant program. He was subsequently Vice President of Technology Strategy for MediChem Life Sciences after MediChem's merger with ThermoGen in May 2000, where he oversaw the strategic development of MediChem's R&D technology platform, including the integration of its drug discovery and chemical process technologies. He was one of the leaders of MediChem's IPO, in which the company raised over fifty-two million dollars in October 2000. He also served as company director until its acquisition in May 2002 to deCode Genetics. He holds a Ph.D. in Genetics from The University of Chicago and B.S.A. in Molecular Biology from The University of Michigan.



Andras Forgacs
Co-founder & CEO
Modern Meadow

Andras is an entrepreneur and venture investor in technology and life science. He co-founded Modern Meadow in 2011. Previously, he had also co-founded Organovo, a leader in tissue engineering which pioneered the use of 3D bio-printing to create human tissue for a range of medical applications. Organovo's bio-printer was named one of the top inventions of 2010 by Time Magazine and the company was recognized by MIT Technology Review on its TR50 list of most innovative companies for 2012. Andras also serves as a Venture Partner with Richmond Global, an international technology-focused venture fund. He was primarily responsible for Richmond's existing and new investments in the US and China. He was a founding member of Citigroup's corporate and investment banking e-commerce group where he led a team that developed award winning financial technology products and advised large cap corporate clients on a range of corporate finance challenges. He is also co-founder and Chairman Emeritus of the international non-profit Resolution Project. Andras is a Kauffman Fellow with the Center for Venture Education and a Term Member with the Council on Foreign Relations. Andras holds an MBA from the Wharton School of Business and a Bachelor of Arts with honors from Harvard University.



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12:00pm- 2:00pm

Lunch Plenary – Biobased Economy Success Stories



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Andrew Hagan
Director, Head of Chemicals Industry
World Economic Forum

Dr. Andrew Hagan is head of Chemicals Industries and The Global Agenda Council on Emerging Technologies at the World Economic Forum. He had joined the World Economic Forum as a Global Leadership Fellow (with a management scholarship from the University of Cambridge). Dr. Hagan received a Master's in Chemistry at Oxford University and a Ph.D. in Polymer Chemistry and Materials at Cambridge University. He then worked for the UK Ministry of Defense and the DERA/Qinetiq on materials. In his roles at the World Economic Forum, he has overseen the proposal for a Centre for Emerging Technology Intelligence, managed cross industry projects such as Sustainable Biofuels, Sustainable Buildings, and chemicals contributions to abating Greenhouse gases. He currently runs a project on collaborative innovation involving chief innovation officers from leading global companies. Under that umbrella Dr. Hagan spearheads the project on the future of fully integrated Industrial Bio-refineries. He has been a member of Chatham House (Royal Institute of International Affairs) and a member of the Royal Society of Chemistry for over 10 years and is a "Global Scot" advising on the Scottish Chemicals Initiative.



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Robert Graham
Founder, Chairman & CEO
Ensyn Corporation

Dr. Robert Graham, Founder, Chairman and CEO of Ensyn Corporation has led Ensyn's commercial and technical development since the first Ensyn company was established in 1984. Bob is Canada's pre-eminent authority in applied engineering, the production of value-added products via fast thermal conversion of carbon-based feedstocks. Bob's early work from first principles led to development of Ensyn's core RTP™ conversion technology and early commercial applications for the production of specialty chemicals and heating fuels from wood residues. In the late 1990's Bob guided the development of the heavy oil upgrading application of the RTP technology and the subsequent sale of RTP petroleum rights in 2005. Since 2005 Bob has led Ensyn's refocused effort to become a global leader in the production of cellulosic liquid fuels. To help achieve this goal, Bob established a key strategic alliance UOP, and he sits on the Management Committee of Envergent Technologies Inc., the Ensyn/UOP joint venture. Dr. Graham has published over 60 works in technical and trade journals, and has been granted more than 30 patents relating to the conversion of wood and other biomass to chemicals and fuels as well as the upgrading of petroleum. He obtained a B.Sc. from Carleton University, Ottawa, Ontario and an M. Eng and Ph.D. from the University of Western Ontario, London.



Vincent Chornet
Co-founder, President & CEO
Enerkem

Vincent Chornet has been the guiding force behind Enerkem's development since the company's inception in 2000, obtaining a total of C\$250 million in private financing and government support. His vision and leadership ushered Enerkem during the transition towards the commercialization of its proprietary technology. Under Mr. Chornet's expert guidance, Enerkem has established itself as an entrepreneurial leader in the field of advanced biofuels and green chemicals and grown to 190 employees. Prior to heading Enerkem, Mr. Chornet was strongly involved in the development and funding of industrial projects and start-up companies in the



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energy and specialty chemicals sectors, including Bioxalis Medica, Fractal Systems, and Kemestrie. He also worked at the Laurentian Bank of Canada. In 2010, 2011 and 2012, Mr. Chornet was voted by industry peers as one of the Top 100 People in Bioenergy, a prestigious ranking run by Biofuels Digest. He was also a Finalist at the 2011 Ernst & Young Entrepreneur of the Year award. Mr. Chornet is a Director of the U.S. Advanced Ethanol Council, and a member of the Cleantech Advisory Board to the Canadian Foreign Affairs and International Trade Ministry. He holds a Bachelor of Business Administration, concentration in finance, from HEC Montréal (Québec).



Joel Stone
President
Green Biologics

Joel serves as President of Green Biologics, Inc., our U.S. operating subsidiary, and has global responsibility for engineering and scale-up of commercial production. Following our acquisition of Central MN Co-op LLC in December 2014, Joel also acts as President of Central MN Renewables LLC, an affiliate of Green Biologics. Prior to joining Green Biologics, Joel was CEO of butylfuel™ Inc. His previous roles include COO of Osage Bio Energy, COO at AS Alliances Biofuels, COO at Abengoa Bioenergy Corporation, VP Operations for Balchem and VP of Operations for Opta Food Ingredients. Early in his career he was Director of Manufacturing for Genencor. Joel has also spent several years in various engineering roles with A.E. Staley. Joel has brought more than 1.2 million tons of renewable product capacity online in his 30 year career. Joel earned a B.S. degree in chemical engineering from the Virginia Polytechnic University and an M.S. in chemical and biochemical engineering from the University of Pennsylvania.



Tjerk de Ruiter
Chief Executive Officer
Corbion

Before joining Corbion, Mr. Tjerk de Ruiter was Chief Executive Officer and President of LS9, Inc., an industrial biotechnology company based in San Francisco USA. Mr. De Ruiter



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successfully finalized the sale of LS9 to US biodiesel company, Renewable Energy Group (REG). Mr. De Ruiter spent twelve years at Danisco where he served as the Chief Executive Officer of the Genencor division, a leading industrial biotechnology company, and a member of the Danisco Executive Committee. Prior to becoming CEO of the Genencor division, Mr. De Ruiter was Chief Operating Officer of Cultures, Specialties and Flavours at Danisco, responsible for three of the high growth product areas of Danisco. Previously, Mr. De Ruiter spent eleven years with Quest International. For most of his career Mr. De Ruiter has been based in North America. He received his Bachelor's degree in Business Administration from the University Nijenrode in Breukelen, Netherlands and his Masters of International Management from the American Graduate School of International Management, Thunderbird. Mr. De Ruiter is a Dutch and US dual national.



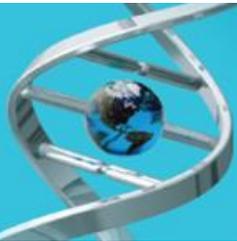
Theodora Retsina
Chief Executive Officer
American Process

Dr. Retsina founded American Process in 1995 and has led the company's growth and diversification efforts. Dr. Retsina has more than twenty years of experience in executive management, engineering, process development and operations. Prior to founding American Process, she was the International Project Manager for Parsons and Whittemore Inc., a global design-build-operator of pulp and paper mills, where she was responsible for project construction and process development and optimization. Dr Retsina is a licensed Professional Engineer (PE) and the author of over 30 scientific publications, patents, and patents pending. She received a PhD in Chemical Engineering from Imperial College, University of London.



Dan Cummings
President
POET-DSM Advanced Biofuels

Cummings joins POET-DSM after serving as President and Director of INEOS New Planet BioEnergy, and as global Vice President of Commercial and External Affairs for INEOS Bio. Previously he held senior business, corporate and legal positions at INEOS and BP. Cummings



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holds a Law Degree from Temple University, a Master of Public Administration from the University of Southern California and a Bachelor in Economics from the University of Puget Sound.

**Wednesday
July 22, 2015**

12:00pm – 2:15pm

Lunch Plenary - Aviation Biofuels Get Off the Ground & Rosalind Franklin Award Presentation



Award Sponsored by:



Steve Csonka
Executive Director
Commercial Aviation Alternative Fuels Initiative (CAAFI)

Steve Csonka is an ardent advocate for the aviation industry who seeks pragmatic solutions to the challenges of aviation growth. That advocacy has led to his current role as Executive Director of CAAFI (the Commercial Aviation Alternative Fuels Initiative, www.caafi.org) where Steve leads this Public-Private Partnership working toward the advancement and commercialization of renewable jet fuel. Built upon strong technical experience that spanned the breadth of the commercial aircraft/engine life-cycle, Steve's capabilities over the last decade have led to engagements in business development and long-term, strategic planning for the aviation enterprise. Such work has focused on the nexus of future product requirements, technology progression, and industry value propositions, including aspects of policy, advocacy, regulatory affairs, and environmental impact. Steve is a commercial aviation professional with 29 years of broad, strategic airline and aviation OEM experience (GE Aircraft Engines, American Airlines, GE Aviation, and CAAFI). He holds BS and MS degrees in Aerospace Engineering. He has served in leadership, steering committee, and BOD roles with multiple aviation industry organizations (AIA, ICCAIA, IATA, GAMA, ICAO/CAEP, ATAG, Carbon War Room) in areas of technology and environmental progression. His CAAFI role has also led to appointments to advisory/leadership roles with the USDA/DOE BRDB TAC and the USDA/DOT/DOE *Farm-to-Fly 2.0* initiative.



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Alejandro Rios Galvan
Director, Sustainable Bioenergy Research Consortium
Masdar Institute of Science and Technology

Dr. Alejandro Ríos Galvan is the Director of the Sustainable Bioenergy Research Consortium (SBRC) and Professor of Practice at the Masdar Institute of Science and Technology. The SBRC was established by Masdar Institute and has as its founding members Boeing, UOP-Honeywell and Etihad Airways, which together with associate member Safran, are spearheading research in the use of saltwater and halophytes for the production of sustainable alternative aviation fuels. Dr. Ríos was the Director of ASA Fuel Services for 11 years, where he oversaw the operation and management of a network of over 60 fuel farms and their associated 2,000+ apron into-plane operations. He was the architect of the Plan de Vuelo (Flight Plan) initiative that is promoting the development of a sustainable aviation biofuel industry in Mexico. In 2005, he was granted the INNOVA award for the deployment of the Fuel Management System at ASA, as one of the best practices in the Mexican Federal Government. In 1998, he was appointed as a fellow of the Eno Center for Transportation Leadership Development in Washington, DC, US. Dr. Ríos holds a Bachelor's degree in Civil Engineering from the Universidad Iberoamericana in Mexico City, and Masters and Ph. D. degrees in Civil and Environmental Engineering, from Cornell University in Ithaca, NY, USA.



Maria Fiskerud
Director Nordic
SkyNRG

Maria Fiskerud is director at SkyNRG Nordic and responsible for both the commercial activities and the business development in that region. Previously, she was Head of Communications for AkzoNobel (also in the Nordics) and has strong expertise in change-management. Maria is educated in Communications & PR and has 20 years of experience from operational activities to strategic management. Maria is International Future Strategist and keeps developing her qualities in the EU's "Lifelong learning program".



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Michael Lakeman

Regional Director, Biofuel Strategy & Associate Technical Fellow
Boeing Commercial Airplanes

Michael Lakeman is a Regional Director of Biofuel Strategy at Boeing Commercial Airplanes, where he leads and executes Boeing's biofuel strategy across Australasia, South East Asia and Japan/Korea. He also has lead responsibilities for shaping Boeing's biofuel technology strategy, and in 2012 was recognized as an Associate Technical Fellow across The Boeing Company. Previous to joining Boeing, Lakeman was a Senior Research Scientist at Imperium Renewables, where he led due diligence on advanced feedstocks for biodiesel production. He was awarded his doctorate from University of Washington's Biology Department, where he researched microalgal evolution and ecology. A native of New Zealand, Lakeman attained his Bachelor of Science in Biological Chemistry from the University of Canterbury, and then worked on crop improvement genetics at the New Zealand Institute of Crop and Food Research.



Theodore M. Kniesche

Vice President of Business Development
Fulcrum Bioenergy

Since Fulcrum's inception, Ted has played a critical role in the formation of Fulcrum, the development of its first waste-to-biofuels plant, Sierra BioFuels, and the building of a significant North American development portfolio. Ted also leads Fulcrum's government affairs efforts, resulting in Fulcrum actively leading various policy initiatives at both the State and Federal levels. Before joining Fulcrum, Ted was with US Renewables Group (USRG) where he helped acquire, develop and operate renewable power and clean fuel assets. Prior to USRG, Ted served in the investment banking group at Bear Stearns & Co. Inc. where he led an alternative energy business development effort. Ted has a B.A. in economics from the University of California, Berkeley and a general course certificate from the London School of Economics and Political Science.