



## M.S. in Technology Commercialization and Entrepreneurship Advisory Board Members



### **JP Camardo**

Director of Marketing, XOS, Danaher Corporation

JP joined Danaher Corporation in 2007 and is currently the director of marketing at XOS, a leading manufacturer of X-ray analyzers. At XOS, he is responsible for developing and leading the execution of strategic growth plans, which include commercializing X-ray technology in applications that improve public safety and customer efficiency. In addition to his current role at XOS, JP's work with Danaher has included marketing roles at Hach Company and Matco Tools. Prior to his tenure at Danaher, he held roles of increasing responsibility in sales and marketing with Newell Rubbermaid. JP earned a BBA in marketing from the University of Notre Dame and an MBA from The Ohio State University.



### **John A. Cococcia '94, '99**

Vice President, Strategic Marketing and Investor Relations, Plug Power

John has spent the last 17 years working with early and growth stage companies as an investor, board member, advisor, and advocate. He gets deeply involved with each of the companies he has worked with, and focuses on issues such as strategy development and execution, C-level recruiting and coaching, venture and growth financings, strategic positioning, partnerships, restructurings, exits and turn-arounds. John is a trusted advisor to his companies, and has extensive board-level experience spanning several high-tech industry categories, with active participation on compensation, audit, recruitment, and M&A board committees. He has completed over 30 M&A and financing transactions.

John is currently vice president of strategic marketing and investor relations at Plug Power, a leader in the commercialization of fuel cell products and technologies. At Plug, he is responsible for identifying new growth initiatives, strategic partnerships, and M&A opportunities, as well as growing the company's institutional investor base. John is also a co-founder and managing partner of Arista Strategy Group, a strategic consulting firm serving high-growth technology companies, and is a venture partner with Armory Square Ventures, an early stage venture capital fund. Previously, he was COO at DHA Energy, a growth stage specialty manufacturer of precision components for the global energy industry, and prior to DHA, John was a co-founder and partner at FA Technology Ventures, a \$100 million early stage venture capital fund, where he was responsible for nine early stage investments covering the software, internet, and cleantech sectors. Earlier in his career, John held operations positions at Amphenol Corporation and Ford Motor Company.

John is on the board of Ener-G-Rotors, is a board observer for Auterra Inc. and the Paper Battery Company, and an advisor to ActaSys Inc. He teaches "Entrepreneurship" and "Growing an Entrepreneurial Venture" as an adjunct professor at Union Graduate College of Business, a position he previously held at University at Albany and Rensselaer Polytechnic Institute.



### **Glenn Doell '82**

Sr. Manager Advanced Technology and Business Development, Greene, Tweed & Co.

Mr. Doell's background includes more than 30 years of experience in business marketing and product management, research management, technology commercialization, venture capital, and private equity, and all aspects of technology commercialization and technology business start-up and growth.

Mr. Doell is currently senior manager of advanced technology and business development at Greene, Tweed & Co., a leading manufacturer of custom engineered components from advanced materials for critical applications in the aerospace, semiconductor, oilfield, petrochemical, and power generation equipment markets. He is responsible for corporate research and development at Greene Tweed as well as external technology collaborations and acquisitions.

Prior to Greene Tweed, Mr. Doell was director of Lehigh University's Office of Technology Transfer, Entrepreneurial Research, and Education. His department was responsible for the management of intellectual property related to Lehigh's research programs, including managing patenting, licensing, technology marketing and transfer, and intellectual property educational programs for Lehigh faculty, staff, and students.

Previously, Mr. Doell was executive vice president of marketing and business development at Dais-Analytic Corporation. He was part of the founding management team of this venture-backed energy technology company. He led the company's sales and marketing programs and was instrumental in the formation of the company's international joint ventures and strategic alliances, licensing agreements, venture capital, and private equity financing.

Earlier in his career, Mr. Doell led the Business Incubator Program at Rensselaer Polytechnic Institute where he assisted dozens of high-technology start-up firms with business formation, capitalization, and management issues. Under his leadership, the Incubator Program was recognized by the National Business Incubation Association as the top business incubator in the nation. During that time, he was also an instructor in the Rensselaer Lally School of Management, where he taught graduate courses in industrial marketing and technical sales. Earlier, Mr. Doell was with Texas Instruments where he held several roles in product and marketing management.

Mr. Doell has been a director, volunteer, or advisor for a number of private companies and non-profit and economic development groups and has consulted extensively in the U.S. and internationally on small business and business incubation issues. He earned his B.S. in materials engineering from Rensselaer Polytechnic Institute and was later awarded the Spafford Prize as the top MBA graduate at Rensselaer.



**Nancy C. Easterbrook '88**  
Gas Applications Manager, Air Products, Inc.

Nancy C. Easterbrook is the manager of gas applications for the chemical process industries, pharmaceuticals, and rubber and plastics at Air Products and Chemicals Inc. Nancy joined Air Products directly out of school in 1988, starting out as an R&D engineer and developing two patents for new opportunities for the company to deliver revenue. Following this early exposure to the innovation part of the business, Nancy advanced through positions including process development, marketing, commercial development, applications development, new business development, and strategic marketing.

Her positions have all been aligned with new growth ventures from the product, market, P&L, and/or enterprise level. In her current position, she has built a business portfolio providing tailored solutions that relate to industrial gases to CPI customers whose problems span everything from operational to environmental, from quality to cost. Nancy is a chemical engineer from Rensselaer Polytechnic Institute who has maintained a career focus on growth and business building both on the job and through programs such as the Venture Series at Lehigh and Business Building at Wharton, as well as leading organizations dedicated to growth within the industrial B2B sector such as CDMA. She has a long history of applying best practices in innovation from front end to execution.



**Dr. David A. Glasscock**

Technology Director, Portfolio and Project Management, DuPont

Dr. Glasscock is the technology director for portfolio and project management for DuPont. He is responsible for the characterization and improvement of the science and technology portfolio across all DuPont businesses.

In his prior roles, Dr. Glasscock has served as the technology director for the performance polymers business, as well as the DuPont global automotive technology leader, and the business development leader for the thermoplastics composites initiative. He has held numerous additional roles including sales, marketing, product management, manufacturing technology, application development, and process R&D.

Dr. Glasscock joined DuPont in 1990. He earned a Ph.D. in chemical engineering from The University of Texas at Austin.



**Cara Jones-Harries '01, '09**

Co-Founder and Chief Operating Officer of Marinus Analytics

Mrs. Cara Jones-Harries is co-founder and chief operating officer of Marinus Analytics, a company which provides technology to combat human trafficking in the United States and Canada. She has 15 years of industry experience with high technology implementations. Early in her career, Mrs. Jones-Harries worked as an engineer with the local robotics company, Aethon Inc.

More recently, she served as technology consultant at Deloitte. Prior to launching Marinus Analytics, she worked as research staff at the Auton Lab within The Robotics Institute at Carnegie Mellon University. Mrs. Jones-Harries holds a B.S. in computer and systems engineering and an MBA from the Lally School of Management at Rensselaer Polytechnic Institute where she was a Herman Family Fellowship recipient.



**Avin Joshi '00, '03**

Senior Vice President of Operations, Etransmedia

Avin is the senior vice president of operations at Etransmedia Technology, Inc., one of the largest providers of information products and services to the healthcare industry. The company, which was founded at Rensselaer Polytechnic Institute in 1999, has grown to nine offices and 500+ employees across the country and has clients in over 40 states.

Avin is part of the Etransmedia founding team which won the Rensselaer Business Plan Competition in 2000. Through the years, Avin has contributed to Etransmedia's strategic growth by overseeing new product development and deployment as well as strategic M&A and integration. Avin holds master's degrees from Rensselaer Polytechnic Institute in mechanical engineering and physics.



**Nate Miranda**

Director of Technical Services and Development at MonoSol, LLC

Nate Miranda is currently director of technical services and development at MonoSol, LLC, a manufacturer of water-soluble film used to package materials like laundry detergent, dishwashing soap, and agricultural chemicals. His team is responsible for providing technical service and support to current users of water-soluble film and qualifying water-soluble film in new applications.

Prior to MonoSol, Nate served as senior director of packaging research for PepsiCo from 2012 to 2015. During his tenure at PepsiCo, his team identified and vetted new technologies that provided competitive advantages to PepsiCo beverages such as Pepsi Cola, Gatorade, and Tropicana orange juice.

Prior to PepsiCo, Nate worked at Sealed Air Corporation for almost 20 years. He began his career as a senior product development engineer and left Sealed Air as a director of R&D. During his tenure at Sealed Air, he commercialized an oxygen scavenging package for Nestle Foods, improved the profitability of a struggling business unit, and initiated a technology scouting group.

Nate holds a B.S. in chemical engineering and B.A. in English from Stanford University. He earned a Ph.D. in chemical engineering from North Carolina State University and he wrote his thesis on the permeation of small molecules through plastic films. He is also an inventor on 16 U.S. patents.



**William T. Morris '80**

Innovation Effectiveness Manager, Corning Incorporated

Bill has more than 36 years of business experience with Corning Incorporated, specifically in customer account management, applications engineering, and new product development project management. In his current role, Bill is using his deep experience to provide innovation process coaching to new product and process development teams, as well as, being responsible for continuous improvement of Corning's innovation methods.



**Raul Lopez-Palm 77'G**

President and Director of Patterson-Palm Builders Hardware Inc. and Citilock Inc.

Raul Lopez-Palm 77'G is a member of the Rensselaer Alumni Association board of trustees and the president and director of Patterson-Palm Builders Hardware Inc. and Citilock Inc. His career started developing mathematical models for transportation in the paper industry. He then founded and ran a manufacturing company of CP/M based microcomputers and also developed their application software.

An entrepreneur for thirty years, Raul has been involved in trading agricultural commodities, hardwood door and stain glass manufacturing, and import/export of building materials. He has also participated financially and in logistics in various start-ups. Raul currently runs and owns a contract hardware company that specializes in large mix-used projects with applications in frames, doors, hardware, and controlled openings (electronics).



**Jeffrey M. Peterson**

Program Manager, NYSERDA

My current program focuses on building the foundation for a customer-focused entrepreneurial ecosystem around clean energy technologies through a few core programs: Proof-of-Concept Centers to bring clean energy technology inventions out of the laboratory and turn academic teams into businesses; business incubators to mentor young companies to become investible business enterprises; and executive transition and Entrepreneurs-in-Residence programs to provide quality leadership and counsel to early-stage companies and move them on a faster growth trajectory.

Extracurricular activities over the past few years include: Member of the board of directors of the American Solar Energy Society; U.S. Department of Energy (USDOE) meeting *on Emerging*

*Regional Acceleration Programs, Models & Federal Partnership*; presentation to the National Academies of Science – committee on *Determinants of Market Adoption of Advanced Energy Efficiency and Clean Energy Technologies*; NYC Economic Development Corporation (NYCEDC) *World to NYC Smart and Sustainable Cities* advisory committee; technical review panel for the NYCEDC *RISE: NYC*; participant in the USDOE Lab-Corps workshop to introduce the Lean Launch Pad approach to the national laboratory community; peer review of manuscripts submitted to Elsevier publication: "*Energy Policy – International Journal of the Political, Economic, Planning, Environmental and Social Aspects of Energy*"; National Academy of Engineering committee on U.S. – Chinese Cooperation on Electricity from Renewable Resources; National Research Council panel on Electricity from Renewables - America's Energy Future; and, chair, board of directors for the U.S. Off-Shore Wind Collaborative.



**Dr. Ulrike Rehn**

Innovation Manager and Independent Consultant

Dr. Ulrike Rehn is an innovation manager and independent consultant with 10 years of experience at the interface of business and R&D with a solid strategic marketing tool set and technology evaluation skills to assess new market opportunities, technology requirements, and address innovation process optimization.

Previously, she worked in corporate and business innovation functions at Air Products and Chemicals. Ulrike led the exploration of growth opportunities for existing industrial gas technologies into new global markets as well as the evaluation of emerging technologies.

Prior to joining Air Products, Ulrike was head of business development of biotech/pharma at IP Bewertungen AG in Germany, a fast-growing start-up company and service provider for early-stage technology commercialization. During this time, she gained extensive experience in commercialization strategies for patent protected technologies, managing external R&D partners and related contract negotiations as well as speaking and presenting at international intellectual property (IP) conferences.

Ulrike holds a M.S. degree in biophysics from Humboldt University Berlin, Germany; a Ph.D. from Max Planck Institute of Microstructure Physics, Halle, Germany; and an MBA from Rensselaer Polytechnic Institute in Troy, N.Y.



**Jack Ruddnick**

Director of New York Science and Technology Law Center, Professor of Practice, Syracuse University

Jack Rudnick is director of the New York State Science and Technology Law Center and a professor of practice at Syracuse University College of Law. He is an experienced corporate and intellectual property attorney who has been providing legal counsel for 40 years. He has extensive experience in commercializing new technologies and advising emerging technology companies. His interests are in IP strategy development to maximize protection and return on investment and managing technology commercialization programs and ventures.

Rudnick began his career as in-house counsel, first at Oneida Ltd. and then at medical device manufacturer Welch Allyn, Inc. Rudnick co-founded Blue Highway, Inc. while at Welch Allyn to locate and accelerate the development of technologies with medical applications. He continued with Blue Highway after it was transferred to Syracuse University in the role of senior vice president, legal and government affairs. He is currently of counsel with Barclay Damon, LLP's Emerging Technology Team, where he provides business and legal consultation to technology-based companies.

Ruddnick is an active member of several professional organizations and is on the board of trustees for the Everson Museum of Art. In addition, he serves on the board of directors for the MedTech Association and the Central New York Community Foundation, Inc., and the board of advisors of the CNY Biotech Accelerator. He received his J.D. from Syracuse University College of Law and his undergraduate degree from Middlebury College.



**Dr. Leo J. Schowalter**

Chief Technical Officer and Founder, Crystal IS, Inc.

After receiving his Ph.D. in physics from the University of Illinois (Urbana-Champaign), Dr. Schowalter was employed by the GE Research and Development Center in Schenectady, N.Y. He joined Rensselaer Polytechnic Institute (RPI) in 1987 and was chair of the physics department from 1997 to 2000. He also co-founded Crystal IS in 1997 with Dr. Glen Slack. Dr. Schowalter has more than 30 years of experience in crystal growth and nano-probe technologies for which he has received international recognition. For the last 20 years, he has specialized on AlN crystal growth and UVC LED development. He has published over 160 articles, co-edited four proceedings volumes, given over 65 invited talks, holds 25 US patents (with 16 pending) and many international patents.

Crystal IS, which was acquired by Asahi Kasei in 2011 and is now a wholly-owned subsidiary, introduced Optan™ in 2014 which is a UVC LED intended for the instrumentation market. It was the first commercial product based on single-crystal AlN substrate technology and has been followed by other UVC LED products intended for disinfection.



**Thomas Tongue**

Director, Center of Gravity

Thomas Tongue is a co-founder and executive director of the Tech Valley Center of Gravity, a makerspace and business cultivator in downtown Troy, N.Y. He is a serial entrepreneur with an MBA from the Lally School at Rensselaer Polytechnic Institute (RPI), and previously served as CEO of Zomega Terahertz Corporation, a hardware-focused company that commercialized terahertz technology from RPI for non-destructive testing and inspection. With his technical background and market experience, Thomas advises early stage companies on technology development and commercialization strategies.



**Mike Walsh**

Chief Executive Officer, NYSTEC

Mike Walsh is president and chief executive officer of NYSTEC. Prior to joining NYSTEC in 2003, he served as regional managing director for BearingPoint's Government and Universities system integration practice that covered New York and New England. Prior to that, Mike was a partner at KPMG in charge of the company's state and local government consulting practice for New England and New York.

Mike has more than 30 years of government consulting experience, which includes leading large projects to identify public-sector performance improvement opportunities, plan operations improvements, design information technology strategies, and implement secure network solutions. He has extensive experience in determining organizations' system needs and implementing technology solutions to improve organizational and operational efficiency and effectiveness.

Mike holds a bachelor's degree in business administration and a Master of Science degree in computer modeling and applied statistics from the University of Miami. He serves on the board of

the Automobile Association of America (Hudson Valley), Shenendehowa School District audit committee, and St. Edward's Church finance committee.



**Michael Wilde**

Manager, Corporate Strategy and Innovation, Mann & Hummel

Michael Wilde is currently the manager of corporate strategy and innovation management at a global leading company in the filtration industry. He has an industrial engineering degree from Heilbronn University and began his career in 2003 working in purchasing first as a procurement manager and then as a global commodity manager at two large-scale industrial companies.

In 2007, alongside his work, he acquired his Master of Business Administration in international business and entrepreneurship from the University of Louisville. He has since held several leadership positions within strategy, market research, and innovation management gaining profound knowledge in commercializing products and technologies into existing and new market segments, and also recently has become a lecturer about innovation management at Pforzheim University, Germany.