

Hold Paramount the Public: Global Citizenship through Engineering

LAFAYETTE
CHEMICAL & BIOMOLECULAR ENGINEERING

Spring 2018 Symposium
Friday, March 23rd, 2018

Speakers' Biographies



Joseph T. Morrissey, Jr. '87
Senior Vice President, Global Animal
Health Manufacturing
Merck & Co., Inc.

Joe Morrissey joined Merck in 1987 and has held positions of increasing responsibility in pharmaceutical manufacturing, biological manufacturing, supply chain management, facilities management, and strategy development and execution over his 30-year career. Joe assumed his current position in 2017 and is responsible for the end-to-end manufacturing and supply of animal health products globally. The current supply network consists of 28 internal manufacturing sites located in 16 countries, 300 Contract Manufacturing Operations, and over 1,500 suppliers. The Animal Health supply chain at Merck is responsible for manufacturing and delivering over 400 biological and pharmaceutical products in more than 14,000 configurations for the companion and production animal businesses in 140 markets.

Prior to leading Animal Health Manufacturing, Joe was the Senior Vice President, Global Pharmaceutical Operations supporting the \$30B Human Health business around the world. Joe formed this global organization in 2013 to consolidate the oversight of chemical synthesis, solid oral dosage, sterile operations, devices, implants, liquids/ointments/creams, and packaging operations for the pharmaceutical portfolio. Leading up to this role, Joe held the positions of Senior Vice President, Europe, Middle East, Africa Manufacturing Operations, and Senior Vice President, North America & Consumer Care Manufacturing Operations.

Joe's career has also included leadership positions as Vice President, Global Facilities Management; Vice President Corporate Strategy; Vice President Global Supply Chain Management; Senior Director, Sterile Formulation, Filling, and Packaging for global vaccines; Director, Pharmaceutical Manufacturing; Director, Strategic Planning; as well as positions in Vaccine Planning, Vaccine Manufacturing, Operations Improvement, and Quality Control.

Joe is a graduate of Lafayette College with a B.A. in Engineering and completed his MBA at Villanova University.



Michael Meshberg '16

Product Engineer
Chromalloy Gas Turbine LLC

Michael is a graduate of the class of 2016 with a B.S. in Chemical Engineering. While at Lafayette, Michael served on the AIChE Board for two years, including one year as Co-President. He additionally interned with Simulation Solutions, Inc. in Shrewsbury, NJ as a Project Engineer focusing on reverse osmosis desalination program development. After graduation, Michael joined Chromalloy Gas Turbine LLC in Orangeburg, NY as a Product Engineer concentrating on new product introduction of OEM commercial aerospace hardware, including turbine blades, vanes, and seal segments. Currently, Michael manages five product lines, with an emphasis on product development, process improvement, coatings applications, and welding applications. Additionally, he has become a certified Six

Sigma Green Belt and remains an active member of AIChE.



Katie L. Nicholas '11

Senior Process Engineer
Air Products and Chemicals, Inc.

Katie Nicholas is a Senior Process Engineer working in Standard Adsorbents Technology at Air Products and Chemicals, Inc. In this role, she is responsible for the research and development of offerings such as Oxygen VSA and Nitrogen PSA systems. Katie completed the Career Development Program at Air Products, taking year-long assignments in Air Separation Process Engineering, Process Controls,

and ASU Plant Operation in Houston, TX. She was also an Associate Technology Manager of Cryogenic Separation, focusing on adsorption, for 3 years.

Katie earned a B.S. in Chemical Engineering from Lafayette College in 2011. At Lafayette, she was co-president of AIChE and recipient of the Lehigh Valley AIChE Award. Katie interned with Air Products in 2010 and accepted a position to start with the company following graduation.



Ian Owens '11

Senior Project Manager
The Linde Group

Ian Owens is a 2011 graduate with a Bachelor's in Chemical Engineering. While at Lafayette, Ian was involved in many different activities on campus, most notably the Phi Kappa Psi fraternity, Marquis Players, and AIChE. Ian got a job with Linde after graduation in their engineering rotational program, working in a project execution role. After the rotational program was finished, Ian accepted a role as a Project Manager, then a Senior Project Manager in Linde's Project Execution Group. Most recently, Ian moved into a Business Development Manager role in early 2017.



Lora Urbaniak '15

Assistant Account Manager, Equipment Sales and
Plant Support
Air Products and Chemicals, Inc.

Lora graduated from Lafayette with a Chemical Engineering degree in 2015. In 2014, she began her career at Air Products with an internship in a commercial group exploring potential global markets for future Air Products involvement and development. After graduation, she returned to Air Products as part of the three-year rotational program, known as the Career Development Program. Lora has thoroughly enjoyed being part of this program as it has allowed her to gain experience in a variety of different areas and roles within the same company. In her first rotation, she worked as a Business Improvement Engineer in the Supply Chain Management group, working to reduce costs and streamline work processes. In her second rotation, she relocated to Houston, TX and worked as a Production Engineer at a large Air Separation Unit outside of the city. She had a great hands-on experience working in a plant and appreciated the exciting, ever-changing environment of working there. For her third and final rotation, she is working in a more commercial role in which she is an Account Manager, supporting customer owned plants with parts, services, and technical troubleshooting. She is now looking for her permanent assignment within the company and is excited for the future experiences and challenges that will come with it.



Alessandro Sindoni '16

Roux Associates
Staff Engineer

Alessandro is from Floral Park, NY and he graduated from Lafayette College in May 2016 with a degree in chemical engineering. He works for Roux Environmental Engineering and Geology, D.P.C., which is an environmental consulting firm that does remediation and investigative work of various types of sites, such as petroleum remediation, brownfield, and industrial sites in the New York City area. He is currently working towards getting his Professional Engineering license.



Cassandra Uthgenannt '16

Project Engineer
Engineering and Land Planning Associates

Cassandra graduated from Lafayette in 2016 as a Chemical Engineering major and French minor. During her time at Lafayette, Cassandra completed her senior thesis with Dr. Lindsay Soh on "Heterogeneously Catalyzed Biodiesel Production using CO₂". Along with her research work, she was

an active mentor in the ChemE mentoring program.

After graduation, she joined E&LP as a Project Engineer in their environmental division. Her focus is on regulatory compliance reporting with the New Jersey Department of Environmental Protection (NJDEP) in the site remediation field, as well serving as the technical lead for her company's bioreactor technology. Last year she traveled the east coast as the bioremediation technical marketer and attended Battelle, the large site remediation conference in the country.



Derek Vill '14

Assistant Project Manager
EarthRes

Derek started working at EarthRes after graduating and has been with the company for over 3 years. Areas of expertise include natural gas processing, environmental permitting, and wastewater treatment systems.



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