



# MENTORS OF THE DAY

New to the 2019 Inspiring Women in STEM Conference, Mentors of the Day! When you register for the 2019 Inspiring Women in STEM Conference you can select a mentor of your choice from the Delaware life science community. During lunch, you will be seated with your mentor and a select group of attendees to exchange ideas and insights about career development, professional interests and much more. Want to chat with more than one mentor? Mentors will also be available during breakfast, breaks, and afternoon tea!



## SUSI BAYLIS-POWELL

*DIRECTOR OF OPERATIONS  
ADESIS*

Ms. Susi Baylis-Powell joined Adesis (formerly known as CB Research and Development, Inc.) in 2001. Over her >18 year career, Susi has been responsible for the areas of contract management, facilities, human resources, finance, and operations. Her current focus is human resources and operations. In 2017, she received the DelawareToday's 2017 Women in Business Award. To date, her greatest professional success was implementing a corporate structure that allowed Adesis and its prior iteration to grow employee headcount more than 480 percent over her 18-plus year tenure. Adesis is a contract research organization that supports the pharmaceutical, chemical, biomaterials and catalysts industries through expertise in custom synthesis, research and development, and specialty manufacturing. The company was 20-people large when Baylis-Powell joined in 2001. She subsequently took on bigger challenges, including preparing for the company's sale to Universal Display Corporation in 2016. Her first career position was with a chemical manufacturer as a quality control chemist, supervising a 24-hour laboratory. Ms. Baylis-Powell holds a Bachelor of Science degree from the University of Maryland. Adesis, Inc. is a wholly owned subsidiary of Universal Display Corporation.



## ELLINOR CARLSON

*SENIOR STAFF SCIENTIST  
SOLENIS*

Ellinor Carlson, Ph.D. joined Solenis as a Senior Staff Scientist in 2017 and has since been focused on technology development within the water and paper business of Solenis. Her passion for sustainability and the acknowledged need for innovative solutions drove her to pursue her Bachelor of Science in Chemical Engineering from the University of Massachusetts- Amherst. After graduation, here roots pulled her back across the pond to Germany in order to obtain a Master of Science focused on Biotechnology from RWTH Aachen University. Later Ellinor moved back to the Delaware Region to obtain her doctorate in Chemical and Biochemical Engineering from the University of Delaware. Her research focused on anaerobic fermentation of clostridia, with an emphasis on CO2 fixation through the native Wood-Ljungdahl pathway. Her work included a collaboration with White Dog Labs in achieving increased product yields through mixotrophic fermentation. She currently lives in Newark, Delaware with her husband and both enjoy the State Parks and outdoors that Delaware has to offer.



## ROBIN KAROL, PHD., NPDP

*ADJUNCT PROFESSOR  
UNIVERSITY OF DELAWARE HORN  
PROGRAM FOR ENTREPRENEURSHIP*

Dr. Robin A. Karol is currently an adjunct full professor at the University of Delaware Horn Entrepreneurial Program, in the Lerner School of Business Administration, where she teaches courses on how to bring New Technology into the Market and the Management of Creativity and Innovation. She is also the co-founder of the MISSION DRIVEN INNOVATION GROUP™, a small consulting firm aimed at helping nonprofit organizations renew and revitalize in order to remain relevant. She is the former CEO/Executive Director of the Product Development & Management Association. Prior to that she was Manager of DuPont Consulting Solutions, an internal business consulting group, and Director of Innovation Processes at DuPont. She led the New Offering Development Process which installed a newly revised Innovation process for growth. She is a certified New Product Development Professional (NPDP) with the Product Development Management Association (PDMA), and was appointed its first CEO in 2005. In addition to leading and growing this not for profit professional organization she has served on many nonprofit boards and has experience growing nonprofit organizations and creating new programming, building new facilities, and completely revising staffing. As a consultant, she has worked with the Delaware Homeless Planning Council to completely revised the how the state of Delaware will be managing the information and care of the homeless population. She worked with the executive directors and a number of service providers, as well as state representatives to create a collaborative solution that is currently being implemented. She is currently working with the IEEE (Institute of Electrical and Electronics Engineers) to help them manage their portfolio of member offerings, and was the chair of an international group, the Negev Funding Coalition which funds innovative, unique programs in the Negev to improve wellness, education, and the economy through smart partnerships.

Robin is the co-author of New Product Development for Dummies;has published articles on innovation and won the prestigious Maurice Holland aware from the IRI in 2003 for the best paper in the journal Research Technology Management. She has also given lectures on innovation worldwide, including this conference. She has also served as a judge for the Innovation Technology Awards in Columbia, SC.

Robin holds a Ph.D. in Biochemistry from SUNY Buffalo Medical School and did a Post-doctoral fellowship at Albert Einstein College of Medicine.



## WENDY MORLANG

*QUALITY ENGINEER  
W. L. GORE & ASSOCIATES*

Wendy Morlang provides technical leadership to the Core Technology organization at WL Gore & Associates, which develops and supplies the raw materials serving both Medical and Pharmaceutical markets. Wendy is highly engaged in recruiting at Gore, ensuring a pipeline of strong technical talent for the future of the Enterprise. Previously she held roles in quality engineering supporting the manufacturing of these high quality regulated materials. Prior to joining Gore, she held roles in design, process, and product engineering at Eastman Kodak Company. Wendy holds a BS in Chemical Engineering from Syracuse University. She lives in Oxford Pennsylvania with her two daughters.



## HANNAH MURNEN

*CHIEF TECHNICAL OFFICER  
COMPACT MEMBRANE SYSTEMS*

Hannah Murnen is the Chief Technical Officer at Compact Membrane Systems, a small advanced materials company using novel fluoropolymers for industrial separations. Hannah directs the research and product development efforts across the organization. She joined CMS in 2015 to lead business development efforts and shifted to the CTO role in 2018. Prior to her role at CMS, Hannah worked at McKinsey and Company as a consultant for industrial, material and chemical companies in areas encompassing supply chain, growth strategy development, market differentiation, and others. She holds a PhD in Chemical Engineering from University of California Berkeley and a Bachelors in Engineering from Dartmouth College.