

Delaware Section of the American Chemical Society  
March General Meeting  
**Career Seminar**

**Dr. Pat N. Confalone, Vice President, Global R&D, DuPont Health, Nutrition,  
and Crop Protection**

**Dr. William C. Golton, Vice President, The CECON Group, Inc.**

**James W. Parrett, Jr., Attorney at Law, Morris, Nichols, Arsht & Tunnell LLP**

**Dr. Masha Petrova, founder and CEO of MVP Modeling Solutions, LLC.**

**Dr. Cynthia H. Stahl, EPA**

**Professor Klaus H. Theopold, Chair, Department of Chemistry and  
Biochemistry, the University of Delaware**

**Date:** Monday, March 16, 2009

**Location:** Perkins Student Center, University of Delaware  
325 Academy Street, Newark, DE 19716

**Time:** 4:00 PM – 9:00 PM

**Cost:** \$5 per person for students and Delaware ACS members  
\$8 per person for non-ACS members

**For reservations or additional information:**

No reservation is needed.

**Agenda**

**Resume Critiques and Sponsor Exposition**

4:00 – 6:00 pm at Kirkwood Room (Perkins Student Center)

**Pizza Dinner and Social**

6:00 – 6:30 pm at Perkins Student Center

**Career Seminar**

6:30 – 9:00 pm at Collins Rooms (Perkins Student Center)

*In addition to the career seminar speakers, Ms. Sally Wojcieszyn from Delaware Economic Development Office will talk briefly about their internship opportunities for undergraduate students.*

***Dr. Pat N. Confalone***

**Biography:** A graduate of M.I.T. [1967], he obtained a Ph.D. at Harvard [1970] with Nobel laureate Prof. R.B. Woodward for whom he also did a post-doc. After ten years at Hoffmann-La Roche, he joined Dupont Life Sciences [1981] where his Bioorganic Chemistry group developed the fluorescent dye-labeled reagents that were used in automated DNA sequencing,

eventually employed in the human genome project. With Dupont Pharmaceuticals, Dr. Confalone recruited a world class Medicinal Chemistry department that discovered Cozaar™, a major anti-hypertensive based on angiotensin II antagonism. After 22 years in Discovery Research, he moved into pre-clinical development and built a highly successful Chemical Process R&D organization that carried out the chemical development of Cozaar™ and Sustiva™, a highly successful NNRTI used to treat AIDS. Currently, he is Vice President, Global R&D, DuPont Health, Nutrition, and Crop Protection. Dr. Confalone has presented >110 invited or plenary lectures worldwide, published >140 papers and obtained >40 U.S. Patents. He has received honors and awards, including the Harvard Graduate Society Prize, the Alpha Chi Sigma Award, and was nominated to the Harvard Society of Fellows. Dr. Confalone was Chairman of the Natural Products Gordon Conference and appointed to Editorial Advisory Boards of Current Drugs, Bioorganic and Medicinal Chemistry, The Journal of Organic Chemistry, Synlett, Progress in Heterocyclic Chemistry, Synthesis, Medicinal Chemistry Research, and Drug Design and Discovery. He was elected chair of the Organic Division of the ACS, was chairman of the ACS Committee on Chemistry and Public Affairs, and was recently elected to the ACS Board of Directors. He is an elected Fellow of the American Association for the Advancement of Science.

*Dr. William C. Golton*

**Abstract:** Various issues need to be considered to succeed as a consultant. This talk is aimed at stimulating discussion on what chemical consultants do, defining your clients, preparing a good résumé, marketing your services, how much to charge, legal and tax considerations.

**Biography:** A Ph.D. in Analytical Chemistry, Bill left DuPont in 1994 and became a consultant. While in DuPont, he managed a large analytical and physical measurement group, started and managed the quality program for a \$2 billion business, and late in his career, moved to the pharmaceutical business to run an important corporate LIMS project. Bill currently is on the staff of The CECON Group, a broker for independent consultants in science and engineering. Bill is a founder and past president of the Chemical Consultants Network, and has been widely quoted as an authority on consulting as a career alternative for chemists and chemical engineers.

*James W. Parrett, Jr., Esq.*

**Abstract:** Abstract: Not all careers in chemistry have to take place in the lab. During this talk I'll discuss alternative career paths in the legal field. In particular, I'll describe opportunities for chemists in the field of patent law as litigation attorneys, patent prosecutors and expert witnesses and consultants.

**Biography:** A graduate of James Madison University and the College of William and Mary, he started work in 2002 as an associate in the Intellectual Property Litigation Group at the law firm of Morris, Nichols, Arsht & Tunnell LLP. His practice includes patent, copyright and trademark cases encompassing many different areas of technology. He has represented a number of pharmaceutical and chemical companies including AstraZeneca, Pfizer, Merck, Sanofi-Aventis and DuPont. He is active in the legal community in Delaware and currently serves as the President of the Delaware Chapter of the Federal Bar Association.

*Dr. Masha V. Petrova*

**Title and Abstract:** “Successful Unemployment: 10 things you need to do to increase your professional value”

So you got laid off. As did thousands of other highly qualified scientists and engineers. What can you do to stand out of the crowd while looking for your next job? What will you do in case your one-month layoff stretches into six months or a year? How can you make yourself more qualified and more appealing to future employers while being unemployed?

During this talk I will give you 10 specific action items that you can do while searching for your next job, that will dramatically improve your resume, greatly increase your interviewing skills, provide many more opportunities for employment and set you apart from the rest of the job seekers in your field. Come prepared to take your professional skills to the next level.

**Biography:** Masha Petrova is the founder and CEO of MVP Modeling Solutions, LLC – a company dedicated to providing information and training to the reactive flow modeling community.

She received her Ph.D. from the University of California at San Diego in combustion chemistry, working under professor Forman A. Williams. After receiving her doctorate, she went to work in industry as a development engineer conducting research in chemical-kinetics at Reaction Design, and then as a sales and marketing engineer where she was the go-to technical person for the company’s customers and distributors. As the training manager, she has taught courses on computer simulation of reactive flows and gave presentations to customers all over the globe, including USA, Canada, China, Japan and Germany.

She has published papers in peer-reviewed journals and has presented technical talks at conferences such as International Symposium on Combustion, ASME Turbo Expo and AIAA Aerospace Sciences Meeting and Exhibit. She has served on a [National Science Foundation Review Panel](#) on Materials and Combustion. She was a co-founder of the first ever Women in Combustion group. She is an active member of the American Chemical Society, the Society of Automotive Engineers and the Greater Newark chapter of Toastmasters International.

*Dr. Cynthia H. Stahl*

**Biography:** Ms. Stahl received her Ph.D. in environmental policy analysis from the Center for Energy and Environmental Policy at the University of Delaware, her M.S in toxicology from the University of Texas, School of Public Health, and her B.A. in biology from the University of Pennsylvania. Ms. Stahl is currently an environmental scientist at the U.S. Environmental Protection Agency, specializing in environmental policy analysis. Her expertise includes air quality programs, integrated health and ecological analyses, and addressing uncertainty in decision making.

*Dr. Klaus H. Theopold*

**Abstract:** Life as a chemist in academia can be a tremendously fulfilling experience, but it is not for everyone. We'll talk about what it takes to get an academic job, how to keep it, and what to expect in today's university environment. It's not all 'ivory tower' any more.

**Biography:** Born and raised in Germany, Klaus Theopold aimed for a teaching and research career from a young age. His path led from the Universität Hamburg, via UC Berkeley and MIT to an Assistant Professorship at Cornell University. In Delaware since 1990, he is currently the Chair of the Department of Chemistry and Biochemistry at UD. His research involves the organometallic and coordination chemistry of transition metals in the pursuit of homogeneous catalysis.