

## *“Cosmetic Regulations and the Future of Personal Care Product Safety”*

Alex Guest is the Director of Regulatory Affairs for Chemia Coporation, with a passion for Beauty, Science, & Research.

Alex received a Masters in Pharmaceutical Science with an emphasis in Cosmetic Science from the University of Cincinnati as well as an MBA shortly after. He currently workss for a privately-held fragrance and flavor house and specializes in the research of pre - market regulatory requirements, domestic / international export requirements, and govt. compliance issues related to the fragrance industry.

## *“Effects Pigments Can Provide as Value-Added Product Claims”*

### **Synopsis:**

With health, wellness, and sustainability trends driving beauty, consumers are seeking more purposeful products that add value to their everyday routines. The consumer’s desire to nourish and promote the health and appearance of their hair and skin are blurring the lines between skin and hair care, driving the development of multifunctional products. Discover how effect pigments can provide a value-add in product claims and add fun visuals and radiant benefits to enhance the natural beauty of skin and hair.

### **Biography:**

Betty has more than 30 years of colorant and effect pigment expertise in the cosmetic industry. Starting with the Mearl Corporation as a microbiologist in the 1980s, Betty has held many global technical and lab leader roles as the Mearl Corporation evolved into Engelhard in 1996, BASF in 2006, and then Sun Chemical in 2021. Within Color Materials division of Sun Chemical, Betty is the technical expert for the Americas, providing formulation support for customers in both North and South America. She is fluent in Spanish and is passionate about helping and sharing her knowledge with customers and the beauty industry.

## “FDA Regulation of Color Additives in Cosmetics”

Presentation by Julie Barrows at SCC September Symposium, St. Louis, MO

### Bio:

Julie Barrows is a supervisory research chemist and branch chief of the Color Technology Branch in FDA's Office of Cosmetics and Colors. She has worked at the FDA since 1988, first in development of analytical methods for certification of color additives, then in regulation of cosmetics, and most recently in research and regulatory activities related to color additives. She received a B.S. degree in biochemistry from the University of Maryland, an M.S. degree in geochemistry from George Washington University, and a Ph.D. degree in chemistry from Georgetown University.

### Abstract:

This presentation will define “color additive,” explain why color additives are regulated by the FDA, and describe various color additive regulations, the color additive petition process, and the requirement for batch certification. The use of color additives as ingredients in cosmetics and other FDA-regulated products, product labeling, and FDA enforcement of the color additive requirements will also be discussed.



Laura Lam-Phaure currently serves as Product Society's R&D and Lab Director. Laura believes that combining creative innovation alongside a strong technical background with an understanding of media and technology is a fundamental part of developing successful products. In addition to managing the R&D Department at Product Society, she is a regular contributor to the Formulating on Trend column that is published monthly by Cosmetic and Toiletries Magazine. Furthermore, she has been featured in various online mainstream magazines such as Allure, Byrdie, New Beauty, and Real Self for her technical knowledge. Laura holds a B.S. in Pharmaceutical Sciences, Cosmetics Science and Formulation Design with a minor in Chemistry from The University of Toledo and an A.A. in Beauty Industry Merchandising and Marketing from the Fashion Institute of Design and Merchandising.

## Presentation: Multifunctional Benefits of Antimicrobial Laurates for Personal Care for Naturally Better Outcomes

Jim Mosbaugh:

Jim is a formulation and product development chemist with over 24 years of experience in personal care and cosmetics, food and beverage and dietary supplement, and OTC and therapeutic products. He joined Copperhead Chemical Company Inc. in 2009 to develop new, novel ingredients for personal care products with an emphasis on natural and sustainable technologies.

That research resulted in a suite of patented technologies that weaponize and deliver plant based antimicrobial medium chain fatty acid esters. Medium chain fatty acid esters such as monolaurin, are concentrated in coconut oil and palm oils, and had been studied for decades due to their novel antimicrobial properties and ability to temporarily suppress proinflammatory cytokines.

In addition to working with Copperhead Chemical Company, Jim is also the founder of and current President of BioTectics, LLC, a custom research laboratory that offers full service project development management services. Jim holds a total of 5 Patents and is a member of the Society of Cosmetic Chemistry, Florida chapter, the Natural Products Association, and the Personal Care Products Council. Jim also sits on Formulate Co.'s Advisory Board and consults for multiple companies.

Prior to BioTectics, LLC Jim was Vice President of Calgenex Corp, that developed and marketed condition specific dietary supplements and OTC topicals. Calgenex was sold in 2008. Other work experience includes Nanobac Life Sciences, All Natural Botanicals, and Thermacool Paints and Coatings.

Jim is a graduate of the University of South Florida and lives in Tampa, FL with his wife, 2 daughters, Shamrock the Wonder Dog and their 4 chickens.



Dr. Sabrina Behnke – Senior Global Business Manager for Modern Preservatives at TRI-K Industries, 2 Stewart Court, Denville, New Jersey 07834, Sabrina.Behnke@tri-k.com

**Title of talk:** Cosmetic preservatives – the clean, the dirty, and the science

**Biography:**

Dr. Sabrina Behnke holds a BSc in Water Sciences from the University of Duisburg-Essen in Germany and a PhD in Microbiology from Montana State University. During her graduate studies she investigated microbial biofilms in water distribution systems at the Center for Biofilm Engineering in Bozeman, MT, where she collaborated with multinational consumer goods companies. Sabrina then joined Reckitt Benckiser as a R&D microbiologist, supporting EPA claim substantiation for disinfectant household products. Additionally, she held roles in Personal Care Formulation Innovation and Technology Scouting. In 2018, Sabrina switched from the manufacturers to the supplier's side as a Global Product Manager for Symrise. Today, she is a Senior Global Business Manager for preservatives and other antimicrobial ingredients with TRI-K Industries.

