

# LAKE ERIE SCC

## Newsletter

### Upcoming Meeting:

## Guidelines to Skin Absorption Studies Seminar

Instructed by Nava Dayan

### Where:

Courtyard by Marriot Akron Downtown  
41 Furnace Street  
Akron, OH 44308

### When:

Tuesday, May 21<sup>st</sup>, 2019  
Reception at 9:30 AM  
Seminar 10:00 am – 3:00 pm

See page 2 for more details.

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### About Us

Chartered in 1982, the Lake Erie Chapter is currently comprised of members from Northeastern Ohio and Pennsylvania. The chapter holds several meetings during the year to promote new technologies and applications, in addition to supporting professional growth.

*The Lake Erie Chapter of the Society of Cosmetic Chemists Presents:*

## Guidelines to Skin Absorption Studies Seminar

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Akron, OH 44308, USA



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### Description

The In vitro skin absorption testing is part of recommended regulatory guidelines in the USA and the EU and of global interest to assess safety of exposure to chemicals when applied topically. The Personal Care Product Council (PCPC), the Organization for Economic Co-Operation and Development (OECD) and the Scientific Committee of Consumer Products (SCCP) - have all issued guidelines to assess absorption of compounds from topically applied formulations. The objective of these guidelines is to obtain quantitative and/or qualitative information on the amounts of chemicals that may penetrate the skin during “real time” use. In the process of validation and adoption of methods to comply with REACH and the 7th amendment, OECD guidelines 428 were fully adopted by the EU Commission. The implications of skin penetration of compounds into and through the skin are of key importance in terms of systemic exposure, site of activity in the skin and potential adverse reactions.

This half-day seminar will describe the importance of evaluating skin absorption of compounds from topically applied formulations and explain the method fundamentals. A section dedicated to the location of the skin microbiome in the skin will further address newer science trends.

### Presenter Bio

Nava Dayan Ph.D. Pharm has 30 years of experience in the skin care segment and has yielded more than 150 publication credits in numerous industry-respected journals and in four books. She has been awarded the In-Cosmetics Gold Award for innovation and commensurate recognition from the NYSCC and the CRS for excellence. Dr. Dayan is the owner of Dr. Nava Dayan L.L.C, a skin science and research consultancy serving the pharmaceutical, cosmetic, and personal care industries; dermal and transdermal. Dr. Dayan advises on product feasibility in skin care, composition of R&D plans covering efficacy and toxicology; planning, execution and data interpretation into claims, formulations, delivery for improved efficacy and attenuated toxicity. Sample areas of expertise include: drug-skin interaction, bio-markers (genomics and proteomics), skin/age related sensitivities, inflammatory skin disorders, innate immunity and biota. Contact: [nava.dayan@verizon.net](mailto:nava.dayan@verizon.net)

### RSVP Info

Cost for members is \$40 and non-members \$50, pay by cash or check at the event. Please RSVP to Kayla Ivey [lakeeriescc@gmail.com](mailto:lakeeriescc@gmail.com) by Friday, May 10<sup>th</sup> 2019 with any dietary restrictions.

**\*\*Please note that if you RSVP, you will be charged for the meeting cost\*\***

## Viscosity, Rheology and Rheology Modifiers

*Written by Craig Ford*

The physical form of any personal care product is one of the first attributes that potential customers evaluate when considering purchasing a product, along with color and fragrance. If the form doesn't allow for easy access from the package or smooth application, customers may not purchase or repurchase. Even the way a product flows while in the package can impact this perception. Another reason to measure this is to ensure that your products are uniform and reproducible. Although this is commonly referred to as viscosity, the accurate scientific term is rheology and there is more to it than simple viscosity.

For full article: <https://www.sconline.org/viscosity-rheology-and-rheology-modifiers/>



## Sustainability and the USDA BioPreferred® Program

*Written by Liz Streland*

The annual West Coast gray whale migration has ended. Every year, these marvelous animals swim from Alaska to the warm waters of Mexico to have their young. Together, they head back to Alaska to the delight of whale watchers along the way. Like many of you, I have been saddened by reports of whales washing up on beaches with pounds of plastic in their stomachs. This disturbing reality is a stark reminder of the role we can and must play in taking care of our world and leaving it a better place for generations to come.

For full article: <https://www.sconline.org/usda-biopreferred-program/>

*Thank you to all who came to our Q1 meeting!*

## The Life of a Patent

Tama Drenski took us on an intimate look into the life of a U.S. Patent-from its beginnings as a young application, to its tortuous journey through U.S. Patent Office examination, to its success as an issued patent, and the children patents that expand upon its legacy.

The life of U.S. Pat. Nos. 9,913,799 and 10,123,968, owned by Mary Kay Inc., and directed to COSMETIC COMPOSITIONS AND METHODS OF THEIR USE was looked at in depth. Showing us along the way-basic principles of patentability, examination, and infringement, while answering the questions from the eager audience.

**“Protecting intellectual property is vital to the longevity of our cosmetic formulations. However, navigating the law of patents is often daunting. Tama made the process interesting and demonstrated how to manage an application to become a U.S. patent.”**

Kristen Green, M.S. - Scientist,  
Clinical Science at GOJO  
Industries Inc.



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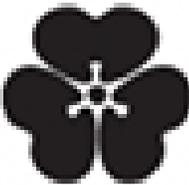
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