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Volume 16
Issue 4
November
2018



2018 SWSCC Monthly Meetings

SWSCC November 13th, 2018
CEP Course and Officer Installation
Polymers in Cosmetics and Personal Care Product
Dr. Robert Lochhead

Registration: 8:30 AM - 9:00 AM Session AM: 9:00 AM to 12:00 M Lunch: 12:00 M to 1:00 PM

Session PM: 1:00 to 5:00 PM

A LOUGE 1

Dallas Palms, Malibu Ballroom 2424 Marsh Lane, Carrollton, TX 75006 Register online at www.swscc.org\events



Inside you will find:

Page 3—November CEP Course
Pages 4-5—2018 SWSCC Dinner / Dance
Pages 6-10 - Prior SWSCC Events
Pages 11-15 —National SCC Events
Pages 16-19 - Chemist's Corner

Southwest Chapter





MEMBER NEWS

Make sure you renew your SWSCC membership so you can enjoy all the benefits of being a member!



2018 SWSCC Officers

Chair—Mauricio Castro, Brenntag Specialties

Chair Elect— Daniel Ramirez, Mary Kay Inc.

Secretary— Alison Nally, Essential Ingredients.

Treasurer—Dr. Zhongsheng Deng, Mary Kay Inc.

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A question gets asked of us why do we have to register for events. We have to give the venue a week's notice how many people will be attending for food count and seating. If you don't register, we might not have enough seating or food for the entire group.

Committees Chairs for 2018

SWSCC Suppliers' Day—Mary Miller
Golf Outing-Jeff Barcafar
Awards-Jacklin Hoffelt
By Laws-Robert Vetkoetter
Newsletter Editor-Alison Nally
Newsletter Sponsorship-Melissa Mata
Educational-Begoña Stevenson
STEM Projects—Jacklin Hoffelt
Elections 2018-Alison Nally
Summer Event 2018— Rachelle Bowens
Membership-John Oliver
SWSCC Media-Alison Nally
Historian— OPEN





SWSCC Monthly Meeting November Officer Installitation and CEP Course 2018

SWSCC November 13, 2018 CEP Course / Officer Installation – Day

Polymers in Cosmetics and Personal Care Products Robert Y. Lochhead, Professor and Director Emeritus of Polymer Science

Polymers represent one of the major classes of materials used in cosmetic formulations. There are a wide variety of polymers used in a broad range of functions in this industry and a basic understanding of polymer structure - property relationships is an essential tool for the cosmetic formulator. This course addresses the need to introduce formulators and suppliers to cosmetic polymers. The course will be a pragmatic overview of polymer science woven into the needs, desires, and aspirations of cosmetic products.

Course participants can expect to emerge from this course with knowledge of the principles of polymers to guide them in the quest to produce products that satisfy customer needs; from product stability to beautification, sensory perception, and ecological awareness. We will consider the reasons for the specific use of polymers in formulations, an introduction to the underlying theory, and information on industry trends with these materials.

- Overview of Polymers in Cosmetics
- Polymer Miscibility and immiscibility Solution theory
- The structure-property relationship of polymeric thickeners and rheology modifiers
- Film Formers for Hair Fixatives and Styling, Skin Care and Color Cosmetics
- Polymer adsorption at interfaces and their role in conditioning
- Polymers in emulsions and dispersions

From skin care to makeup to sunscreen

- Precise polymeric delivery for therapeutics, personal care products and cosmetics
 - Tailor made polymers
 - An introduction to the advantages and limitations of precisely designed synthetic
 - Modern polypeptides
 - Stimuli-responsive systems
 - Recent advances in our understanding of gums and polysaccharide.
- The new plastics revolution

Members: Free

Non Members: \$75.00

Registration: 8:30 AM – 9:00 AM Session AM: 9:00 AM to 12:00 M

Lunch: 12:00 M to 1:00 PM Session PM: 1:00 to 5:00 PM

Dallas Palms, Malibu Ballroom

2424 Marsh Lane, Carrollton, TX 75006



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SWSCC 2018 HOLIDAY PARTY

"GATSBY STYLE"

December 7th, 2018

Hilton Dallas / Plano Granite Park

TICKETS ON SALE AUGUST 20, 2018

Single Ticket Price - \$150

(After Deadline \$200)

Table Price \$1500

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Deadline Nov. 1, 2018

Click here to book early and save @ \$109 per
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SWSCC Monthly Meeting
July Fun Event 2018



The SWSCC was treated to "Of Sound Mind & Dead Body" as our July Fun event. A good time was had by all!

Of Sound Mind & Dead Body When a magical mishap leaves a million dollar inheritance up for grabs, the next trick will be figuring out who the lucky winner is, and who will end up behind bars for malicious magical mayhem! This is an abracadabra disaster, and it's up to you to find the murderer before they vanish into thin air. Spend the evening glimpsing through the smoke and mirrors to uncover which hocus pocus hitman offed the poor fellow, and stop them before this goes down as the most dangerous magic trick in history. Gather information, trade clues with your guests, and solve the crime before the murderous magician gets away!









Agenda

- 8:30 AM Booths open for the morning session
- 11:30 1:00 pm Lunch/Speaker Presentation (see next page for speaker information)
- ⇒ Booths will be closed during lunch
- ⇒ Sit down lunch will be served promptly at 11:45 am
- 1:00 PM Booths reopen for the afternoon session.
- Keynote Speaker Richy Kandasamy will be at SWSCC Booth #804 for open conversations.
- 4:30 pm booths close.
- · Raffle prizes will be given throughout the day.
- 5:00 pm After Event Cocktail Party on the Terrace level in the convention center.
- ⇒ Live armadillo racing
- ⇒ Hors D'oeuvres
- ⇒ Cash bar
- ⇒ Photo booth

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Lunch—Access Ingredients, Inc., ARC Products, Inc., Goodier Cosmetics, Lincoln Fine Ingredients, a Maroon Group Company, SWSCC Chapter

Beverage—Ashland, Colonial Chemical, Glenn Corp., Sandream Impact LLC, Xytrus, SWSCC Chapter

Bronze-AFL, KOBO

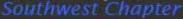
Joy Roederer Andra Corder

Special thanks to Emultec for donation, logistics and storage of SWSCC items and to Integrity Ingredients for the lanyards.

Your 2018 Suppliers' Day Committee

Mary Miller—Chair Mauricio Castro—Co-Chair Alison Nally—Co-Chair Melissa Mata Vallerie Deleon Terri Easley Heartfest TO OUR VOLUNTEERS!

4





SWSCC Monthly Meeting October 2018

This past October the SWSCC held it's first HOUSTON meeting at Sal & Pimienta with our speaker Joseph Dallal gave a presentation on "Where do I start?".













With your continued support, we can make this an annual event!





Advance your technical knowledge before the start of the conference!

We're delighted to announce that the SCC has resumed its partnership with the American Oil Chemists' Society (AOCS) to bring you 2 all new CEP Seminars scheduled one day before the **72nd Annual Scientific Meeting & Technology Showcase** (Monday, December 10, 2018) at the Sheraton New York Times Square hotel. For those new to the industry, students or veteran professionals looking to be refreshed on a particular topic, a NextGen course will also be offered.

In a new format, the following CEP Seminars are offered in Half Day sessions.

Attend one of these Morning Seminars- Half Day (8:30AM - 12:30PM)

1. Analysis & Cosmetic Use of Natural Oils



Learn from a panel of Natural Oil Experts then get out and enjoy NYC's winter wonderland

The use of natural oils continues to grow exponentially in all areas of the personal care market. This half-day seminar aims to help cosmetic chemists select the most efficacious and authentic oils for your formulation while meeting to-day's marketing needs for natural and storied ingredients.





2. Introduction to Surfactants ONEXTGEN

This course will build a basic understanding of key aspects of surfactant chemistry/structure, discuss self-assembly in surfactant systems including highlighting properties of some of the key surfactant microstructures encountered in personal care products such as wormlike micelles, lamellar gel phases etc.

Attend an Afternoon Seminar - Half Day (1:30PM - 5:30PM)

3. GMO: A Primer for the Personal Care Industry



This event aims to provide a broad overview of the GMO issue, both in terms of its application to cosmetics and personal care, as well as lessons we can learn from the food industry. Seminar topics to be covered include; The History of GMO, Regulatory Issues Surrounding GMO (Including Clean Label Issues), Consumer Perception – Personal Care Industry and more.

Or make it a Full Day (8:30AM - 5:30PM) and absorb the most information during this face to face time with industry experts

(One Morning Seminar + the Afternoon GMO Seminar).

With the Annual Meeting starting the next day (December 11-12, 2018), you can further your professional development by attending scientific sessions such as **Future of Cosmetic Science**, **Design and Development of Cosmetic Ingredients**, and more. These sessions are home to presentations like; *Next-generation evaluation: 3D and 4D analysis and visuals for communication of skin tightening products* - presented by Theresa Phamduy; L'Oreal USA Research & Innovation, *Recent Advances in Polyester Chemistry for Cosmetic and Personal Care Applications* - Presented by Mike Fevola; Inolex, and more.





Dedicated to the advancement of cosmetic science

ATTENTION! ATTENTION!

In-House CEP Courses Available

In-House Courses are highly-personalized courses brought to companies to address challenges or areas of need. These courses, taught by knowledge experts, provide professionals with an up-to-date cosmetic science education. Recent In-House Courses have been organized for Benefit Cosmetics, Mary Kay, Bayer, the FDA and others.

Companies interested in providing in-depth technical information to their employees can contract an education day in a location of their choosing.

- SOCIETY covers the costs of booking the instructor and all of the instructor's traveling expenses (including hotel, flight, car, etc.)
- ► COURSES can be scheduled for 1 or 2 days on any topic of particular interest to the company
- ► COMPANIES can choose the instructor if they seek a specific knowledge expert

Current courses available include:

Scale Up & Processing	Botanicals & Naturals for The Naturals Market	Preservatives
Regulatory	Chemistry & Regulations of Cosmetic Colorants	Cosmetic Rheology
Color	Molecular Biology & Gene Expression	Color & Make-Up
GMPS For Cosmetics	Phytochemistry 101 For Cosmetic Chemists	Surfactants
Cosmetic Formulations	cGMPS For Cosmetics and Otcs	Cosmetic Raw Materials
Regulatory Update	Practical Basic & Theory in Emulsion Technology	Fragrance as A Science
Beginning Cosmetic Chemistry	Cosmetic Chemists Guide to Product Development	Silicone Chemistry
Basic Hair Science	Sustainable Cosmetic Product Development	and more!

To reserve a course for your team, contact Sam Neely at sneely@scconline.org



FLORIDA CHAPTER SOCIETY OF COSMETIC CHEMISTS

PRESENTS

SEPT 12[™] SEPT 14[™]



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By Perry Romanowski

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Chemists Corner

"How to read a scientific article"

Article by: Perry Romanowski

If you want to stay up on the latest research in cosmetic science, you'll have to learn to quickly filter and read scientific papers. With page turning titles like "Dermatological aspects of a successful introduction and continuation of alcohol-based hand rubs for hygienic hand disinfection" or "Deposition of 18-MEA onto alkaline-color-treated weathered hair to form a persistent hydrophobicity" keeping up can be challenging.

Fret not! We here at Chemists Corner have put together the following tips that will make it much easier for you to figure out what you don't need to read and how to get the most out of everything you do read.

Don't do this

The worst possible thing you can do is to read an article from the title to the conclusion straight through. It will take a lot of time & brainpower to understand and you may not learn anything useful. As a formulation chemist, your time is valuable. Don't waste it on unproductive reading.



Take notes

To help you remember new ideas or other insights you get while reading, be sure to have a paper and pen ready to take notes while reading. If you're able, just write right on the article. You can write questions to yourself and see if they are answered while you're reading. The combination of reading and note-taking will make the study of the article much more effective.

Continued on next page



By Perry Romanowski

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Chemists Corner

Why are you reading it? The first thing you want to figure out is why you would read a particular article anyway. Scan the title to get a rough idea of what the article is about. Then ask yourself "Why would I read this?" If you are a cosmetic chemist who specializes in hair products do you really need to read an in-depth article about antiperspirant efficacy? There may be a good reason (finding inspiration for new ways to test your hair product) but it is probably of academic interest only. You should focus on articles that will teach you things applicable to your job. Before reading any article always ask yourself

Review the Authors

You'll notice that some authors are quoted time and again in literature. For example, in the Journal of Cosmetic Science, Clarence Robbins and Yash Kamath are some of the most respected and often cited researchers in the subject of hair. Articles written by them are worth your time. However, supplier sponsored articles may not be scientifically robust enough for you to get much out of them. They might be excessively biased which should cause you to question the results.

Figure out what the title means

Once you know what kind of bias the authors might bring, it's time to start dissecting the headline. This is often challenging, but given enough thought you can do it.

Take this example...

"Dermatological aspects of a successful introduction and continuation of alcohol-based hand rubs for hygienic hand disinfection"

If you pick out a few keywords you can get the gist of what they are talking about.

Continued on next page



By Perry Romanowski

Chemists Corne

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- ◆ 'Dermatological aspects' It's about how they affect the skin.
- ◆ 'alcohol based hand rubs' It's about hand sanitizers.
- ◆ 'introduction and continuation' It's about frequent use

So, from these keywords the article is roughly about how using alcohol based hand sanitizers will affect skin over time. If this is an area of formulating relevant to you, continue reading the article. Otherwise, don't bother.

Understand the abstract or synopsis

After figuring out the headline, next try to tackle the abstract. If it's written well, it will succinctly describe the hypothesis, what was done to test it and the results. You'll get a great sense about whether you need to read further.

Review the diagrams & procedures

Instead of moving right to the background / introduction, use your knowledge from the abstract and look at the diagrams. At this point it should be evident what the graphs are trying to depict. Check to see if the control makes sense, if you understand the differences shown, and if the information matters to you. To help understand the figures, look at the method/procedure section. If it is relevant to your work, try to visualize doing the experiment yourself. This could help you repeat the work if you wanted to.

Read the Intro

At this point, you should know well enough if you want to read any more. Start with the introduction to determine whether the authors know about what has already been studied in the area. You will eventually become an expert in your area of study and you'll be able to tell how knowledgeable these authors are. If they don't seem like they've got a grasp on the subject, be suspicious of the results. They may have made an obvious mistake.

Continued on next page

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By Perry Romanowski

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Chemists Corner

Read the results sections

You should next read the results section to see what the authors think is the implication of their work.

Here is where you can get some ideas on how you might apply the knowledge gained from reading the article. You can also decide whether you agree with their conclusions. Often what's written by the author is not the only way to interpret the data.

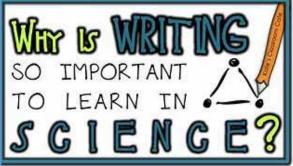
Read the discussion last

Finally, take a look at the discussion section. Since you've already understood the title, abstract and diagrams, this section should only be skimmed to see if it answers (or raises) any questions that remain. If the first few sections were well-written, this section should require the least amount of reading by you.

Articles and the Cosmetic Chemist

Reading scientific articles can make you a smarter cosmetic chemist and can provide a great source of new, formulation and innovation ideas. Make a habit to read at least one scientific article in your specific field each day. They will become easier to read and you'll become an area expert. Who knows? Once you know enough, you will be writing an article yourself.

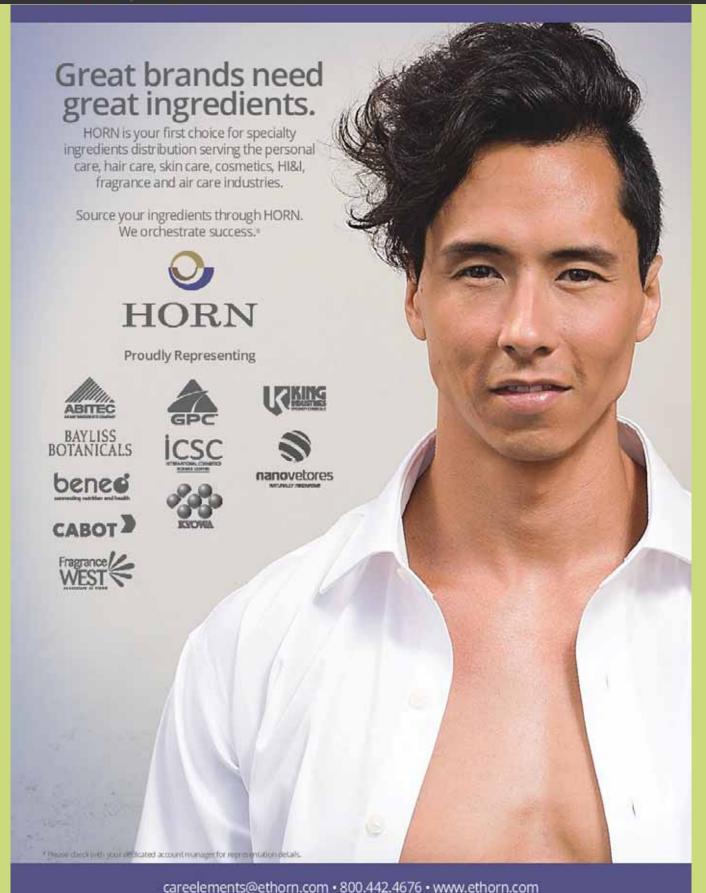






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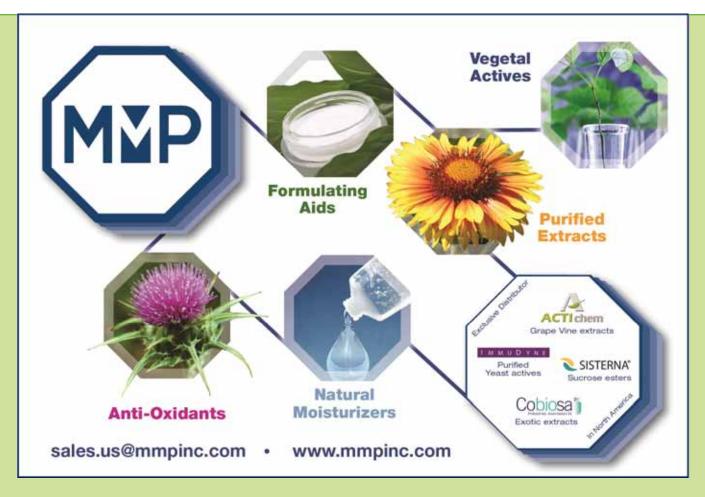
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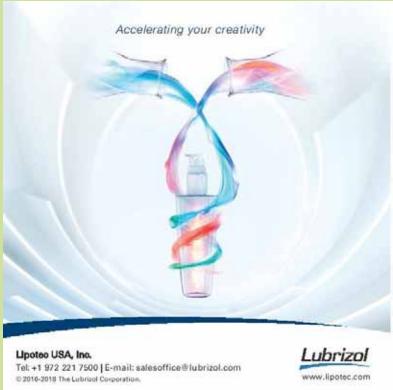


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New USP Regulation Took Effect January 1, 2018. AFL CAN HELP!

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SAVE THE DATES!!!! DECEMBER 7th—Dinner / Dance

January - 17

February - 13

March - 20

April - 23rd Golf

April - 24th

May - 16

June - 20

July - Summer Event

August - Educational Day - 21st

September

October - 10

November 12 Officer Installation

December 6 (tentative)





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