

# COSMEGRAM

FEBRUARY 2020 • VOL 50 | ISSUE 2



society of  
cosmetic chemists  
CALIFORNIA

## EDUCATIONAL HOUR



### CHALLENGES IN FORMULATING EFFECTIVE SUNSCREENS

*Susan Sperring*  
*Sr. Technical Manager - Symrise, inc.*

Developing a sunscreen with a high sun protection factor along with an elegant feel has always been a challenge for cosmetic formulators. However, with a shrinking portfolio of acceptable filters and a potential changes in upcoming regulations, this task is becoming more and more difficult.

...continued on page 3

## DINNER HOUR



### AN OVERVIEW OF COSMETIC PRODUCT SAFETY EVALUATION

*Dr. Sara Farahmand, Pharm.D., Ph.D.*  
*Senior Toxicologist - Clorox*

Safety assessments of cosmetic ingredients and products are based on evaluations of the risk they pose. Risk is defined as the probability of harm relative to dose and exposure. Hazard based safety assessment looks only at the potential to cause injury, but with no relation to dose or exposure. Cosmetic industry uses a number of tools to evaluate the risk of ingredients and products before they have entered the market, as well as once they are already made available to consumers.

...continued on page 3

## MEETING OVERVIEW

**Date:** Tuesday - Feb 25th, 2020  
**Location:** Warner Center Marriott (Woodland Hills)  
**Menu:** Chicken Breast, Short Ribs, Roasted Vegetable Crepes

5:00 pm: Educational Hour  
6:00 pm: Social Hour  
6:30 pm: Dinner Hour and Speaker

[Meeting Details on Page 2](#)

**RESERVE NOW** ▶

**Reservation Deadline:** 5:00 pm Friday - Feb 21st, 2020  
**Reservation Link:** [www.caliscc.org/events](http://www.caliscc.org/events)

Prices increase after Reservation Deadline  
No refunds after Reservation Deadline  
Walk-in space is not guaranteed

## MEETING DETAILS

### LOCATION:

Ayres Hotel  
14400 Hindry Avenue  
Hawthorne, CA 90250  
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### COSTS:

- Members with reservations (\$40)
- Members without reservations (\$65)
- Non-members with reservations (\$65)
- Non-members without reservations (\$70)
- Emeritus members with reservations (FREE)
- Emeritus members without reservations (\$65)

### MENU:

#### **Grilled Chicken Breast**

with Creamy Polenta, Shaved Almonds, French Beans and Red Wine Sauce

#### **Braised Short Ribs**

with Asparagus Risotto, Espresso Demi and Pickled Mushroom Salad

#### **Roasted Vegetable Crepes**

with Tomato Basil Sauce and Baby Arugula

### RESERVATIONS:

The reservation pricing deadline is at 5pm on the Friday before the monthly meeting. Non-reservation pricing must be paid after this deadline. Reservations are not refundable after the reservation deadline. Please register and pay online at [www.caliscc.org](http://www.caliscc.org) or call Sara Benoit at 714-521-5222 ext.141. Call-in registrations must be guaranteed with credit card and will be charged for no-show.

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## EDUCATIONAL HOUR *...continued from page 1*

In this presentation, we will discuss the challenges that cosmetic formulators face when developing sunscreens. Typical formulation challenges such as maintaining water resistance, SPF boosting and formulating a product for multiple markets will be discussed as well the specific challenges of formulating mineral sunscreens.

### ABOUT THE SPEAKER



Susan Sperring is a Sr. Technical Manager at Symrise, Inc.. Prior to Symrise, she also worked at Momentive Performance Materials, where she was the North American Marketing Manager for Personal Care and Home Care and Avon Products where she was a chemist for Global Skin Care. Sue has a bachelor's degree in chemistry from State University of New York - College at Oneonta and a master's degree in Cosmetic Science from Fairleigh Dickinson University.

## DINNER HOUR *...continued from page 1*

This talk aims at presenting the industry approach to the safety assessment of cosmetics and personal care products. An overview of the four-step, science-based process of exposure-based risk assessment for the ingredients will be provided. Considerations for clinical safety testing, safety claim substantiation, and animal alternative methodologies for product safety evaluation will be also discussed.

### ABOUT THE SPEAKER



Dr. Farahmand is a skin scientist and consumer product toxicologist with multi-disciplinary experience in personal care and consumer product industries. Her areas of expertise include skin absorption, dermatopharmaceutics, dermal toxicology, and exposure-based risk assessment including animal-alternatives risk assessment methodologies, clinical safety, safety claim substantiation, and formulation of cosmetic/topical drug products.

She is currently a Sr. toxicologist at Clorox where she leads the safety program for a diverse portfolio that includes company's specialty business and fragrance program as well as working with state regulators and trade associations and leading external strategic communications. She had the opportunity of working as a Regulatory Toxicologist/Safety Manager in other multinational companies (including Procter and Gamble, Avon products, Georgia pacific and Living Proof, Inc.) leading safety programs of wide range of cosmetic, personal care and consumer products including products intended for use in sensitive populations.

Dr. Farahmand held two postdoctoral fellowship positions at the department of dermatology, University of California, San Francisco, and at the college of pharmacy, the University of Cincinnati, where she worked on developing in vitro and in silico models of estimating dermal absorption, characterizing skin barrier structure and function, dermal irritation, understanding the factors influencing dermal bioavailability, and the correlation of epidermal bioavailability and skin sensitization. She has received her doctorate in Pharmaceutical Sciences from the University of Tehran, Iran.



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## HISTORIAN ARTICLE : RULE FOLLOWERS

What better way to start off a new decade than with our industry's ever-evolving regulations. Updates are already underway with an increasing number of ingredients being evaluated for safety, animal testing bans, marijuana joining the Prop 65 list and new regulations in Europe and Asia. Buzz words like CBD, plant-derived and natural are continuing to gain steam and are predicted to propel our industry into a sustainable and clean beauty realm.

*Kendall Johnson*



Europe progressively lead the industry ten years ago by placing the official ban on animal testing for cosmetic ingredients. Even though we have made large strides elsewhere, there are still multiple factors that limit us from eliminating animal testing globally. Recently, the U.S. introduced the Humane Cosmetics Act that will continue to prohibit animal testing of cosmetics products, ingredients and the sale of such up to one year after the enactment of the bill. With countries like Taiwan, South Korea and India having already eliminated animal testing in cosmetics, could we possibly see a change from China? Apparently so according to National Medical Products Administration which consulted on waiving the pre-market requirement for animal testing for imported non-special use cosmetics. We do not live in a perfect world, but it is a start.

Meanwhile across the pond, Europe is sticking with its strict reputation on regulations with evaluating yet another new sunscreen filter, increasing restrictions on Climbazole as a preservative and anti-dandruff, attempting to define “nano” and microplastics are on an immediate ban. In more dramatic news, we can keep Brexit and UK regulation updates in the European column. Until we have a definite answer on “deal or no deal” the pending transition period is completely up in the air. If a “deal” is put in place a transition period will exist until December 31, 2020 and could extend up to two years. This would mean “business as usual” until the end of the transition period. If there is “no deal” none of this exists and the “no deal” law is implemented on day 1 of exit. With extremely polarizing outcomes to Brexit, we are stuck waiting.

The United States has been busy mixing politics and cosmetics. Since cosmetic regulations (or lack thereof) have been under immense scrutiny, the FDA seems to be busy. Marijuana smoke and THC have been added to the California Prop 65 list as toxicants to pregnant women and fetuses. Many are asking, “what does this mean for CBD?” The committee has decided to not include “cannabis extracts” in the, thereby alleviating the concern for hemp, hemp seed oil or hemp-derived (CBD) would require the Prop 65 warning. The FDA has finally defined “natural” and are not in any hurry to assess the sunscreen monograph, VOCs (Volatile Organic Compounds) limits will potentially decrease even further by 2023 and 1,4 Dioxane, all but trace amounts, are restricted for sale in personal care and household cleaning products.

It goes without saying, a lot is going on in the world of cosmetics (literally and figuratively). It almost seems impossible to stay ahead of the curve, especially with global brands, but with these regulations we are not only utilizing the building blocks of life, but building the blocks to the more sustainable world.



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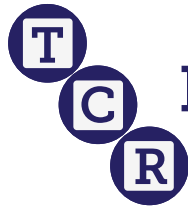
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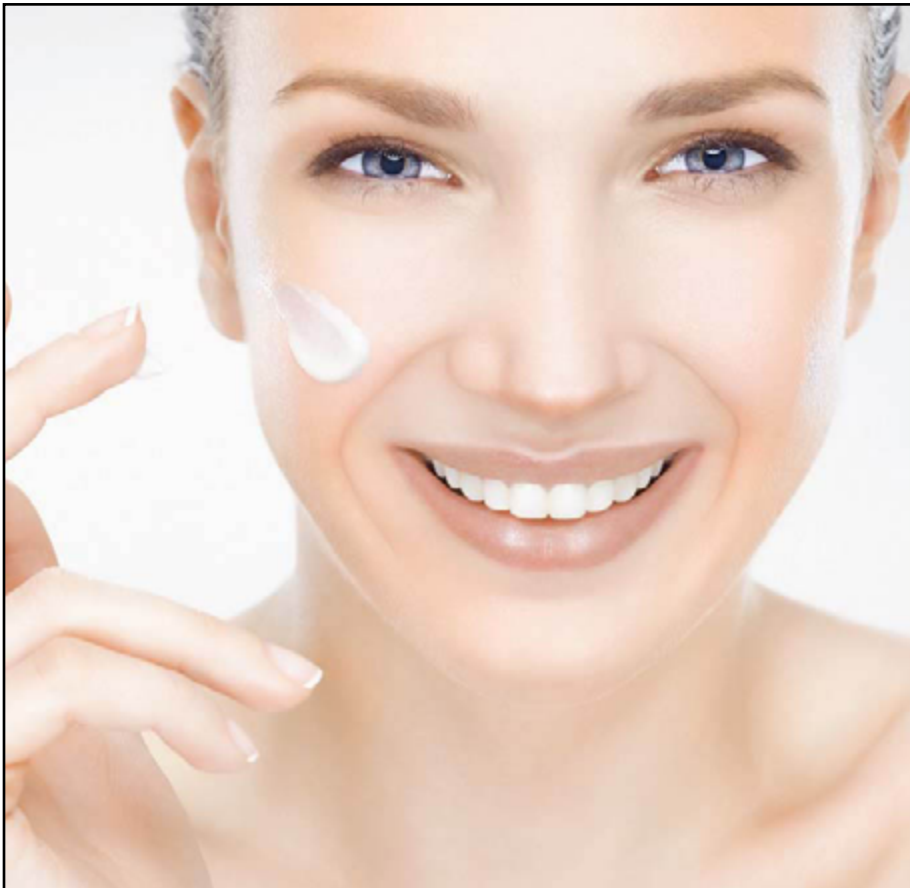
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# NEW MEMBER SPOTLIGHT

## CAMERON DE LA TORRE : R&D CHEMIST, MERLE NORMAN

### 1) Where is your hometown?

I was born in Los Angeles and have lived here most of my life.

### 2) Where did you do your university studies? What was your major and why did you pick that field? Why did you choose to do a PhD?

I studied at the University of California, Santa Cruz. I chose to study chemistry because I had a very influential teacher in high school, Daniella Duran, that got me interested in nanomaterials and I thought I would either go into material sciences or possibly become a professor.

### 3) How did you get into the personal care/cosmetics industry?

It happened by chance, I was looking for careers in chemistry right after school and found the current position I am in. Ever since I was in middle school, I obsessively watched beauty YouTube videos and took interest in makeup and skincare; however, I never thought of combining my interests of chemistry and beauty until this opportunity came up for me.

### 4) How long have you been in the personal care industry?

I am still new to the industry, I started right out of college and it has been about six months, in which I feel I have learned a lot so far!

### 5) Where do you currently work? What's your role?

I am currently a technician training as a Chemist in R&D at Merle Norman, where I work with both color cosmetics and skin care formulations.

### 6) What's your biggest career accomplishment to date?

As I mentioned, I am still relatively new to the industry, however I have been working on a product line that is set to launch by the end of this year. It's really rewarding to see the process of bringing an idea to fruition as a final product.

### 7) What is your favorite part of your current job?

My favorite part is being allowed the time and resources to experiment, I feel like I learn so much more when I'm forced to figure things out by myself and problem solve. I also love that when challenges arise, I can come to my peers for advice, as it is a very collaborative environment.

### 8) What is your least favorite part of your job?

Truthfully, I love where I am working right now... my only complaint is the commute to the west side, but I think most people working in Los Angeles can relate.

### 9) Winter is almost over! What spring activities or events are you looking forward to?

I am so glad we are going to have some sunshine again, I think my favorite thing about spring is just being outside. I like taking walks in parts of the city I've never been before, or just walking to the corner store since I usually spend so much time in the car. I think you miss a lot of what's around you if you're always driving to destinations.

### 10) What your favorite non-work-related activity?

My favorite thing to do in my free time is try new restaurants and places to eat, the food in LA is something I missed during my time in Northern California.

### 11) What is the most interesting place you've ever been?

I think the most interesting place I have been was Caracas, Venezuela. It's probably the most different from how I grew up, and I remember getting kicked off the bus because I was talking too much (I was a lot younger).

### 12) Give us one random fact about yourself.

I am by no means a good singer, but I love karaoke.

### 13) What advice would you give young scientists entering the personal care industry? Is there something you have learned along the way that you would like to pass on?

Since I am so new to the industry, I am not sure I am qualified to give advice, however as an industry I think we should continue to strive for more environmentally conscious practices as well as inclusive beauty that embraces this moment of straying from tradition.



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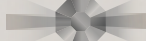
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- California Chapter newsletter (Cosmegram) mailed and emailed, published 8 times per year
- Subscription to the Journal of Cosmetic Science, the National Society publication, published 6 times per year
- Updates on the newest technology
- Scientific Seminars
- Suppliers Day
- Networking
- Member discounts to IFSCC Conferences and Congresses

### TYPES OF MEMBERSHIPS

**General Membership** - General Membership is available to persons engaged in scientific or technical work in the cosmetics and toiletries industry or in related governmental or academic areas, who have earned a Bachelor's Degree in the chemical, physical, medical, pharmaceutical, biological or related sciences and technology. In addition, those working in a technical capacity within the industry for at least five years, who have completed two years in a recognized related academic program are eligible, as those who may lack sufficient academic background, but who have worked in a technical capacity in the cosmetic science industry for at least ten years.

**National Affiliation** - Available to persons interested in the objectives of the Society, but not qualified for General Membership. National Affiliates are entitled to all membership privileges, except that they may not vote or hold elected office within the Society or its Chapters.

**Junior Membership** - Available to persons who hold an appropriate undergraduate degree in science and who are pursuing a post graduate degree. Junior Members are entitled to all membership privileges, except that they may not vote or hold elected office within the Society or its Chapters. Half dues.

**Student Membership** - Available to fully matriculated undergraduate students in a scientific program at recognized colleges and universities. Student members are entitled to all membership privileges, except that they may not vote or hold elected office within the Society or its Chapters. Reduced dues.

**Emeritus Membership** - Any member who has reached the age of 65 years and who has been a dues paying member in good standing for 25 consecutive years may request to be nominated for transfer to Emeritus Membership status. Upon approval by the Board of Directors, such members shall be entitled to all privileges of a General Member for life, with exemption from payment of dues, except that they are not eligible for election as an Officer or Director within the Society.

**Retired Membership** - Any member who has retired from the cosmetic industry and is over 55 years of age, and has been a dues paying member in good standing for 15 years, may apply for Retired Membership status. Upon acceptance, Retired members are entitled to all privileges of a General Member, except that they may not hold elected office within the Society or its Chapters. Half dues.

**Fellow Membership** - General members who have achieved full maturity in the profession, as evidenced by a record of outstanding achievement and leadership may be elected a Fellow of the Society by the Board of Directors upon recommendation by the Fellow Certification Committee.

**Honorary Membership** - Granted by the Board of Directors to individuals for distinguished service to the Industry.

### HOW TO BECOME AN SCC MEMBER?

Apply Online at [www.sconline.org](http://www.sconline.org)

- Or -

Download [Membership Application](#) and complete and submit to the National SCC office (address and fax on the application). Please contact [Tina Marie Lesko](#), Membership Chair, if you would like more information about becoming an SCC member.

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