

# COSMEGRAM

JUNE 2021 • VOL 51 | ISSUE 4

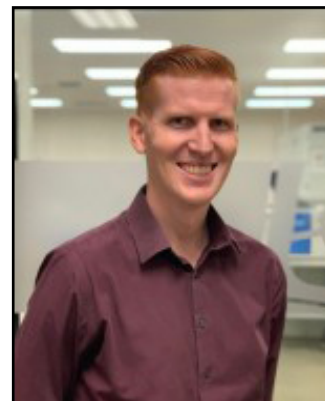


society of  
cosmetic chemists  
CALIFORNIA

## MESSAGE FROM THE CHAIR

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Time is whizzing past us, and it is hard to believe we are midway through June. Half the year is gone, but I feel that we have already accomplished so much. We have officially launched our new website and if you have not already looked, check it out at [caliscc.org](http://caliscc.org)! As with anything new there are a few bumps in the road, and I appreciate all those reaching out and helping us make the experience seamless. We appreciate the patience and understanding from you all as we learn a new system and iron everything out, but the back end really provides a plethora of new tools we are excited to use!



There are many exciting new things I want to touch on in this month's letter very briefly; to name a few we have: our fast-approaching Supplier's Day event, our increasing involvement with local universities, and an exciting summer event being planned. We will be able to walk you through all the changes and hard work in-depth next week at our first in person meeting in over a year! Registration is already open, and while we are limiting the meeting to 75 in-person participants we will also be live-streaming it for those that were unable to reserve a spot. Please know we are approaching this cautiously and working hard to make sure we are following all state and local guidelines, and as always, the health and safety of our members are our top priority.

With that said I want to keep this address short and to the point and say I hope to see you next week!

*Ryan Kudla*  
*CA SCC Chair - 2021*

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# CASCC 2021 CALENDAR OF EVENTS

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## MONTHLY MEETINGS

June 8th 2021: In-person Meeting  
at Avenue of the Arts – Costa Mesa

September 28th: In-person Meeting  
at Warner Center Marriott

November 16th 2021: In-person Meeting  
at Manhattan Beach Ayers Hotel



## OTHER EVENTS

CASCC Supplier's Day – October 13 & 14th 2021  
at Long Beach Convention Center

Summer Event 2021 – TBD

CEP Course – to be rescheduled for 2021

Golf Event – TBD

Dinner Dance – to return in 2022

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## SCC NATIONAL WEBSITE - NEW CAREER CENTER

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**LOOKING FOR A JOB?:** Let the Society's recently launched SCC Career Center help. Search and apply to top cosmetic & personal care industry jobs at companies that value your credentials. SCC members gain access to job posts 3 DAYS EARLIER than others.

Visit <https://careers.sconline.org/> to view available jobs or post a job.



*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 Otc's	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	<i>and more!</i>

To reserve a course for your team,  
contact Sam Neely at [sneely@scconline.org](mailto:sneely@scconline.org)

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# EVENT UPDATES



## Suppliers' Day 2021

### SAVE THE DATE: 2021 CALIFORNIA SUPPLIER'S DAY

Wednesday, October 13th & Thursday, October 14th  
Long Beach California

CaliSCC Suppliers' Day serves as one of the most important North American events, with more than 300+ global Cosmetics and Personal Care industry leaders. All showcasing their new innovative ingredients, packaging, formulating contract packers, labelers, equipment suppliers, regulation specialist, and testing solutions. This biennial event is one not to miss. Free education presentations, technical posters, conferences, and regulatory updates under one roof for two days.

Visit our website to stay up to date on all Supplier' Day info: <https://caliscc.org/suppliers-day>



### POSTPONED UNTIL 2022: CALI SCC DINNER DANCE

Due to COVID-19, we are having to postpone the Cali SCC Dinner Dance until 2022. Keep an eye out for updated details on the new date:  
<https://caliscc.org/dinner-dance>

# BECOME A SPONSOR!

The SCC California Chapter is opening sponsorship opportunities to anyone interested in introducing their company during our monthly meetings.

The benefits of sponsorship are to provide you and your company with the following:

- **Approximately three to five minutes to introduce your company and employees, products, capabilities and/or services.**
- **The exclusive right to distribute literature and samples at the monthly meeting.**
- **Optional table adjacent to the registration table to distribute literature and samples by one or two employees**
- **Your Company name will appear on our sponsor board at the meeting**
- **Your Company name and location will be included in all meeting announcements, including our monthly newsletter (Cosmegram) and all email announcements and reminders.**
- **You company name will appear for one month on the SCC California Chapter website as "This Month's Sponsor", which will include a link to your company website and a small description about your company**
- **One employee from you Company received free registration and dinner at the meeting your Company sponsors**
- **Your donation to sponsor a meeting is tax deductible with our non-profit status**

**Cost:** The cost of sponsor a SCC Chapter meeting is \$500.00

Please contact our Sponsorship Chair, Yi Hsin Chang if you are interested or have any questions.

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## FREE TO ATTEND

**Where:**  
Long Beach Convention Center

**DATE:**  
Wednesday October 13<sup>th</sup>,  
Thursday October 14<sup>th</sup>

**WHO ATTENDS:**  
Formulating R&D Chemists, Brands, Manufacturers, Product Development, Marketing, Regulatory and Business Development teams.

**EDUCATIONAL EVENTS:**  
CEP Courses Tuesday 12<sup>th</sup> \*

**TECHNICAL POSTERS**  
On Exhibit Hall Floor

**OUTDOOR AFTER - PARTY**  
Wednesday October 13<sup>th</sup>, 2021

**SPONSORSHIP OPPORTUNITIES AVAILABLE**

\*Fee and separate registration to attend CEP Courses on Tuesday 12<sup>th</sup>, 2021.

**E: [SuppliersDay@caliscc.org](mailto:SuppliersDay@caliscc.org)**



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- Discounted registration to the **SCC Annual Meeting**
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# SCC EDUCATION WEEK

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Join us for the week of June 21-25, 2021 as the SCC presents a series of online CEP courses concentrating on four key areas in the development of a cosmetic product: raw materials, formulating for the delivery of active ingredients, prototype development and testing, and scale up and manufacturing. This exciting week of education will end with a panel seminar on Friday focused on claims substantiation of finished cosmetic products.

Register here: <https://members.sconline.org/SCC-Education-Week>

**ON-DEMAND PLAYBACK IS AVAILABLE FOR 30 DAYS WITH EACH REGISTRATION OPTION**

Attendees have three registration options to choose from based on their specified interests:

- **NextGen Track** - access to all courses labeled NextGen Monday - Thursday. Also includes the bonus seminar & networking event on Friday
- **Advanced Track** - access to all courses labeled Advanced Monday - Thursday. Also includes the bonus seminar & networking event on Friday
- **Full SCC Education Week** - access to courses in both the Advanced and NextGen Track. Also includes the bonus seminar & networking event on Friday.

*Note: because courses are running concurrently Monday-Thursday, those purchasing Full SCC Education Week access will utilize the on-demand recorded playbacks (available for 30 days) to view any courses they are not able to attend live. See complete schedule and pricing below.*

## SCC Education Week Schedule

### NEXTGEN TRACK

#### **Cosmetic Raw Materials | Monday & Tuesday (11:00am - 2:30pm EDT)**

*Two-day online course (June 21-22, 2021) with instructor Mark Chandler. There is a dizzying array of raw materials from which the cosmetic formulator can choose from. Knowledge concerning the chemistry and basic function of these ingredients can be extremely valuable in the formulation process. [\[LEARN MORE\]](#)*

#### **Cosmetic Product Prototypes: Development and Testing | Wednesday & Thursday (11:00am - 2:30pm EDT)**

*Two-day online course (June 23-24, 2021) with instructor Perry Romanowski. This course will cover how to convert ideas into working cosmetic product prototypes along with the testing needed to demonstrate their safety and effectiveness. [\[LEARN MORE\]](#)*

## ADVANCED TRACK

### **Formulating for the Delivery of Cosmetic Actives | Monday & Tuesday (11:00am - 2:30pm EDT)**

*Two-day online course (June 21-22, 2021) with instructor Ricardo Diez, PhD.* Cosmetic actives, even those with proven efficacy, only perform optimally in cosmetic products when they are delivered in the correct spot of the skin and in the correct amount. This course offers both a comprehensive view of the fundamental aspects behind the effective delivery of actives (Day 1), as well as the practical aspects of selecting an appropriate product, and the specifics of the formulation process (Day2). [\[LEARN MORE\]](#)

### **Scale Up and Processing Cosmetic Formulations | Wednesday & Thursday (11:00am - 2:30pm EDT)**

*Two-day online course (June 23-24, 2021) with instructor David Yacko.* In the cosmetic industry it is imperative that new products get from the bench to manufacturing as quickly as possible. This is the job of the Process Development Engineer and the process is called "scale up." This course will discuss the different aspects of scale up: heat transfer, addition rates and energy input as it pertains to batch size and different equipment. [\[LEARN MORE\]](#)

### **\*\*\* BONUS SEMINAR & NETWORKING EVENT \*\*\***

### **Cosmetic Claim Substantiation | Friday (11:00am - 2:15pm**



**EDT)**

*One-day online seminar (June 25, 2021) with multiple speakers.* On the last day of the event, the Society will bring together all attendees for a very special bonus seminar on cosmetic claims substantiation. A collaboration with the [Independent Beauty Association](#), this seminar will feature a series of individual presentations followed by a moderated, panel-style Q&A session. Full seminar agenda to be announced soon.

### **Virtual Networking Event | Friday (2:15pm - 4:00pm EDT)**

After Friday's claims seminar, join us for a fun industry networking event to close out the week. We'll have trivia contests, talk a bit about the SCC's 75th anniversary, and provide attendees a chance to meet and interact with each other in smaller video chat rooms.

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# SCC EDUCATION WEEK CONTINUED

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## PRICING

	<b>SCC Members</b> <i>(General, International, Emeritus, Retired, Educator)</i>	<b>SCC Student/Junior Members</b>	<b>Nonmembers</b>
<b>NextGen Track</b>	\$300.00	\$179.00	\$500.00
<b>Advanced Track</b>	\$300.00	\$179.00	\$500.00
<b>Full Education Week</b>	\$425.00	\$249.00	\$625.00

*Note: companies registering 5+ SCC members for SCC Education Week receive \$30 off per registration. Companies registering 10+ SCC members for SCC Education Week receive \$50 off per registration. Discounted group registrations need to occur during the same online transaction. If you would like to submit a group registration of 5+ or 10+, or have any other questions about this event, please contact the SCC Headquarters staff at [cep@scconline.org](mailto:cep@scconline.org).*

View our CEP Course Pricing and Refund Policy [here](#).

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# NEW MEMBER SPOTLIGHT

## AMBER YARNELL: R&D APPLICATIONS SCIENTIST - EMERALD KALAMA CHEMICAL



### 1) Where is your hometown?

I'm originally from Ellisville, Mississippi. I currently live in Vancouver, Washington.

### 2) Where are you doing your university studies? What is your major and why did you pick that field?

I earned my B.S. in chemical education at Kennesaw State University and my Ph.D. in physical organic chemistry at The University of Southern Mississippi. I didn't take chemistry in high school, but I always wanted to understand how stuff worked. I was fascinated with the chemistry of photosynthesis and cellular respiration in Biology 101, so I took an introductory chemistry course, and then applied for a summer chemistry internship at USM at the end of my freshman year. I broke a lot of glassware, but I learned a ton and really built my confidence in my ability to do science. When I decided to pursue my doctorate, I reconnected with the advisor from my internship. The lab focused on applications of cutting-edge science, combining organic chemistry, macromolecules, and materials science, and studying chemistry across the "micro to macro" scale. I believe this approach taught me to be adaptable, and has served me well in my career.

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

I started in chemical industry as a synthetic chemist. After a few years, I volunteered to assist with a personal care project in our applications department, and that serendipitously morphed into full-time application projects. I am also involved in home care, industrial, and institutional (HI&I) applications.

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

About 2 ½ years.

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

I'm an R&D applications scientist at Emerald Kalama Chemical, a producer of specialty chemicals. I focus on our Consumer Specialties division, including preservatives, multifunctionals, and fragrances. Sometimes I'm in the lab exploring new applications for our materials, other times I'm working with customers to find the right chemistry for their applications.

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

I led an effort to submit ideas for an innovation contest for a large global consumer company. Our solution was chosen, and my company has now entered into a collaborative partnership that should lead to several new product introductions shortly. It is exciting to see my work in the lab implemented into everyday products that my friends and family can use at home.

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

I really enjoy working with our customers: teaching them how our technologies work, learning about their technical problems, and brainstorming creative solutions together. It's great to interact with and learn from experienced professionals from different specialties.

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

Washing glassware. Hands down, the only bad part of my job.

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

Hiking, camping, exploring, gardening, and generally being outdoors. The Pacific Northwest has so many adventures I've yet to experience.

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

I'm an avid home baker. I bake artisan sourdough on a weekly basis. A few favorite bakes: (1) key lime pie French macarons, (2) New Orleans-style King Cake filled with blueberry & cream cheese, and (3) the ultimate sweet treat – brown butter chocolate chip cookies.

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

Either the rain forest of Belize, or the Louvre in Paris. One for the body, one for the mind.

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

I competed in women's powerlifting, and I've even set a few state records. My best lifts in a competition are 330 lb squat, 154 lb bench press, and 363 lb deadlift.

### 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?

I think a lot of young scientists may feel that they must have the perfect plan based on extensive desk research before they ever step foot in the lab. Get a solid plan, but then get in the lab and try things. That's where the learning happens.



# NEW MEMBER SPOTLIGHT

## JOSE MELO BARCELOS: PRODUCT FORMULATION SCIENTIST - GELTOR

### 1) Where is your hometown?

I grew up in Martinópolis, Brazil, but I now live in San Jose, CA.

### 2) Where are you doing your university studies? What is your major and why did you pick that field?

I have a bachelor's degree in chemical engineering from the University of São Paulo in Brazil, and a master's degree in process engineering from the Université de Pau et des Pays de l'Adour in France.

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

After completing my studies, I was selected to be part of a management trainee program at L'Oréal, in Rio de Janeiro, in the research and innovation division..

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

I have been in this industry for 6 years.

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

I am currently a product formulation scientist at Geltor, leading the Consumer Innovation and Applications team. Geltor is a biodesign ingredients company creating animal-free proteins for personal care and nutrition.

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

My collaborations with talented scientists from across the world and from different disciplines to create new tools and methods to create better products faster.

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

Being part of team of innovators, nurtured by science and creativity, leading the way for biodesigned ingredients into the beauty and personal care industry.

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

I just love every part!

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

I am looking forward to enjoying the daylight for longer hours in my garden.

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

Playing my guitar, but also over the last year I was one of the people that developed an interest in gardening.

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

In 2012 I had the chance to attend the several days of the annual party of the small commune of Bardos in the French Basque Country, which gave me a unique and unforgettable insight into the Basque traditions.

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

I grew up on a dairy farm in a remote area of Brazil.

### 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?

Stay curious.





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- 1) L. E. Gaul and G. B. Underwood, Relation of dew point and barometric pressure to chapping of normal skin,). *J. Invest Dermatol*, 19, 9-19 (1952).

Book references are handled similarly and should include pertinent page numbers:

- 1) S. Rothman, *Physiology and Biochemistry of the Skin* (The University of Chicago Press, Chicago, 1954), pp. 494-560.

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- 1) S. D. Gershon, M. A. Goldberg, and M. M. Rieger, “Permanent Waving,” in *Cosmetics, Science and Technology*, 2nd ed., M. S. Balsam and E. Sagarin. Eds. (Wiley Interscience, New York, 1972), Vol. 2, pp. 167-250.

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