

COSMEGRAM

February 2025 • Vol 55 | Issue 2



MONTHLY MEETING - FEBRUARY 2025

COSMETIC PRODUCT DEVELOPMENT

Speaker: Krissie Gerrard - Owner of Envy Cosmetic Consulting



Krissie Gerrard is the founder and owner of Envy Cosmetic Consulting LLC, a company specializing in R&D and Product Development services for beauty brands and contract manufacturers. With extensive expertise spanning skincare, haircare, color cosmetics, and fine fragrances, Krissie brings a wealth of knowledge to every project.

Before launching her consultancy, she served as the Director of Product Development at The Center Brands, where she led the development of renowned brands such as Saltair, MAKE Beauty, Prequel Skin, Cyklar, Phlur, and Naturium. During her tenure, she played a pivotal role in shaping these brands, culminating in their acquisition by E.L.F. Earlier in her career, she was a Senior R&D Chemist at a contract manufacturer, where she transitioned from hands-on lab work to product development leadership.

Krissie holds a BSc in Biochemistry from Brigham Young University, an MSc in Cosmetic Science from the University of Cincinnati, and a graduate certificate in Hygienic Manufacturing from the University of Cincinnati.

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February 18, 2025
5:00 PM - 8:00 PM



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MESSAGE FROM THE CHAIR



Hi CaliSCC,

What a year it has been already and it's only February! First, I'd like to take a moment to acknowledge the devastating wildfires throughout Los Angeles. As the home to many of our members, supporters, and the heart of the cosmetic industry, Los Angeles holds a special place in our community. My thoughts are with the victims, their families, and all those impacted by these tragic events.

Despite the recent challenges, our January meeting was a true testament to the strength and resiliency of our chapter. The energy in the room was incredible, and it was heartwarming to see our chapter come together. We had the privilege of presenting two of our 2024 award winners: the Best Speaker Award recipient and the newly renamed Deborah Pierce Chapter Merit Award recipient, both of whom are featured in this issue.

We are excited to announce the official renaming of the Chapter Merit Award to the Deborah Pierce Chapter Merit Award in honor of Debbie's unparalleled service to the Society of Cosmetic Chemists. Debbie has been a dedicated SCC member for 47 years, joining in 1977. Her service began three years later as California Chapter Secretary, followed by Chapter Treasurer, Chair-Elect, and Chair in 1985. She also chaired the California Dinner Dance multiple times and served on the Chapter Bylaws Committee.

At the national level, Debbie has continued her remarkable contributions. She served as Vice President-Elect in 2014, Vice President in 2015, and, in 2016, became the FIRST woman from the California Chapter to serve as National President of the Society of Cosmetic Chemists. Thank you, Debbie, for your decades of dedication and leadership!

Looking ahead, we're excited about our upcoming events:

February 18th: Join us at the westdrift Manhattan Beach for a presentation by Krissie Gerrard on Cosmetic Product Development. Thank you to our February sponsor, Caribbean Natural Products Inc.!

March 18th: We'll be back at the Avenue of the Arts in Costa Mesa, where Erin Breve will share insights on Innovation and Evaluation of Hair Care Formulas from a Salon Professional's POV.

Finally, we're pleased to announce that Dinner Dance tables and Sponsorships are now available! Spaces are filling quickly, so visit caliscc.org to reserve your spot. For any questions, please reach out to dinnerdance@caliscc.org.

I look forward to seeing you all soon!

Brittney C. Strickland
Chair, 2025 CASCC



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LETTER FROM THE EDITOR



Who's excited to dive into the first edition of The Cosmegram with me as your new editor?!

It's been an honor to take over this role from the amazing Jennifer Curtis, and I'm thrilled to keep this legendary newsletter going strong! We have a fantastic lineup of events this year, so be sure to check out the updated calendar—you won't want to miss out.

In this issue, we're exploring the history of minerals with an article from our historian, Erica Herrel, celebrating our 2024 CASCC Award recipients, and recapping our first NextGen event of 2025 at the LA Academic Decathlon!

I'd love to feature even more voices in future issues, so if you have a technical piece you'd like to share, let's make it happen—reach out to me!

Happy reading!

Josie Wauford
Lubrizol
Cosmegram Editor 2025
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- **Skin Conditions** | Gain insights into acne, comedogenicity, rosacea, hyperpigmentation, stressed, sensitive, menopausal skin and more.
- **Microbiome & Gut/Brain/Skin Connection**
- **Exfoliants & Delivery Vehicles** | Achieve optimal results with proper exfoliation techniques.
- **Ingredient Sensitivity** | Practical advice on ingredients to avoid for sensitive, rosacea and acne-prone skin.

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2025 UPCOMING Events

JAN
21

UNIVERSAL SHERATON
Universal City, CA

FEB
18

WESTDRIFT MANHATTAN BEACH
Manhattan Beach, CA

MAR
18

AVENUE OF THE ARTS
Costa Mesa, CA

APR
29

DINNER MEETING
Bay Area, CA

MAY
13

DUKE'S MALIBU
Malibu, CA

MAY
17

DINNER DANCE - MARDI GRAS
Anaheim Marriott

JUL
TBD

SUMMER EVENT

SEP
16

DINNER MEETING
Valley, CA

SEP
24

CASCC x SCIFTS GOLF TOURNAMENT
Anaheim Hills Golf Club

OCT
29-30

CASCC SUPPLIERS' DAY + AFTER-PARTY
Long Beach Convention Center

NOV
18

UNIVERSAL SHERATON
Universal City, CA

SUPPLIERS' DAY JUNE 3-4, 2025

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2024 CASCC Chair, 2025 Chapter Advisor Mason Montgomery

2025
Chapter Advisor

2024
CASCC Chair

2023
CASCC Chair-Elect

2022
Treasurer

2021
Treasurer-Elect

2020
Secretary



*Stanford Graduate School of Business
Former Associate Director Product Development, Dr. Squatch*

Mason has been an integral member of the Board for many years, serving in key leadership roles including Treasurer, Treasurer-Elect, Chair-Elect and most recently, Chair.

With a background as a Scientist at Unilever and in leading Product Development at Dr. Squatch, Mason brought a wealth of expertise to the chapter. His financial acumen was instrumental in strengthening the chapter's financial health, ensuring long-term sustainability.

Under Mason's leadership, we successfully hosted numerous sold-out events and advanced our mission of educating members while empowering the next generation of cosmetic chemists. As Mason embarks on his MBA journey at Stanford, we wish him continued success and look forward to seeing the incredible impact he will make in the future.

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2024 CASCC Deborah Pierce Merit Award

Michelle Carrillo

SCC's Chapter Merit Award is presented by a Chapter for exceptional service and dedication to the Chapter by a Chapter member.

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Area III Director

2024
Chapter Advisor

2023
CASCC Chair

2022
Chair Elect

2008, 2011
Treasurer

2007, 2010
Treasurer-Elect



Vice President, Actera Ingredients

Michelle has been a member of CASCC since 2001 and has actively held various roles within the organization. During her 2023 term as Chapter Chair Michelle had a vital role in boosting Chapter engagement during a new Post-Covid era.

Under her leadership the Chapter implemented many new formats such as the Inaugural Supplier Speed Dating event in the Bay Area, an EOY Educational Celebration highlighting the Chapter's academic partnerships and achievements, in addition to changing up the Monthly Meeting formats to allow for more networking and and connecting.

Thank you, Michelle!

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2024 CASCC Best Speaker Award Dr. Silvia Benito

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SHOW DATES & TIMES

Set-up: Tues., Oct. 28, 2025 11am-6pm

Day 1: Wed. Oct. 29, 2025 10am-5pm

Day 2: Thurs. Oct. 30, 2025 10am-3pm

Afterparty: Wed. Oct 29, 2025 7-11:30pm

EXHIBITING OPPORTUNITIES

Standard Booth: \$3,000 (10'x10')

Corner Booth: \$3,100 (10'x10')

Exhibitor Manual available when registration opens

Booths are assigned on a first come, first served basis based on payment received.

SPONSORSHIP OPPORTUNITIES

Available during registration process for the show and the afterparty.

SUPPLIERS' DAY IS FREE

Children under 18 not allowed on show floor

Hotel Block Info coming soon



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Margarita Gomez-Nadin,
Vantage Personal Care



Registration Link and FAQ

https://caliscc.org/Suppliers_Day_2025



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AFTERPARTY



Wednesday, Oct. 29 @ 7:00pm-11:30pm
PACIFIC BALL ROOM, LONG BEACH ARENA

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(6 max)

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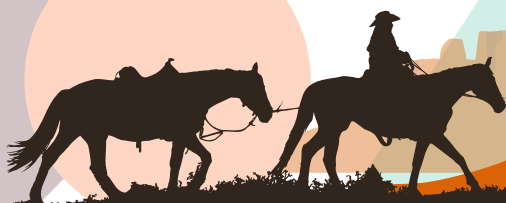


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DINNER DANCE 2025

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Supplier logo featured at Dinner Dance Gala	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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NEXTGEN

2025 LOS ANGELES COUNTY ACADEMIC DECATHLON EVENT

NextGen took on the 2025 Los Angeles County Academic Decathlon in January. Finding opportunity to connect with hundreds of students, parents, and administrators, we were not only able to get the word out about our amazing industry, but also to spread the word on the new extension course for Cosmetic Chemistry at UC Riverside. We're looking forward to holding more events with administrators we met at the Academic Decathlon!



The NextGen initiative was launched in 2015 by the Society of Cosmetic Chemists to address the needs of early careerists, young professionals and undergraduate/post-graduate students in the cosmetics and personal care industry. The initiative consists of special education, networking and other events specifically designed to assist the “next generation” of formulators, innovators, and ground-breakers in the industry.



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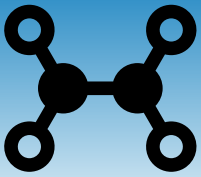
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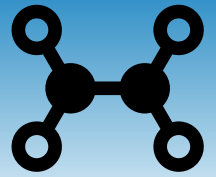
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THE HISTORY OF MINERALS



In this month's article, I wanted to write about an over-looked category of ingredients-minerals. The health industry has been very focused on the benefits of Vitamins. The importance of the variety of minerals our bodies need for a variety of functions is often forgotten. For example, Selenium is present in skin cells and is crucial in the function of many enzymes that act as antioxidants. It has a protective benefit to skin cells from free radicals and UVB damage.

Our ancient ancestors knew that soaking in hot springs rich in Sulfur, will reduce a variety of skin conditions and inflammation. To this day, tourist flock to the shores of the Dead Sea to bath in the water and slather the dark, mineral rich mud all over their bodies.

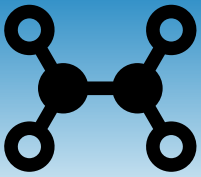
It wasn't too long ago that we also discovered that Copper has an influence on the formulation of Collagen and has a profound benefit to combat aging skin. It also acts to prevent brittle hair, and in Melanin production for both skin and hair.

Silicon is another important mineral for the prevention of wrinkles, soft and brittle nails and fast wound healing.

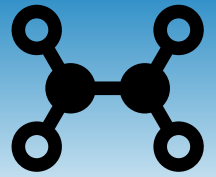
We all know about the benefits of Calcium and Magnesium for muscle contraction and bone density.

The historical evolution of the benefits of minerals by humans for therapeutic purposes can be found from ancient Mesopotamia, China, Egyptian, Greek and the Romans. In many ancient writings there are references to "Medicinal Terras" mostly from volcanic sources. These sources were not without peril. The presence of toxic ingredients such as Lead, Mercury and Arsenic were also found in the remains of some of the ancient preparations. It was not until the second scientific revolution that we discovered the benefits and risks of mineral use.

The minerals we most use in our industry are Zinc and Titanium. Zinc was discovered in 1746 by the German scientist Andreas Marggraf. This metal has been used as early as 1400 BC. An alloy containing 87% Zinc was discovered in pre-historic Transylvania. There are many other instances of use by our ancient ancestors in as many as 40 countries around the globe. Currently, the largest supplier of Zinc is China. Alaska produces the most in the US. Zinc has many benefits aside from metal use. It is known to be a catalyst in many structural and regulatory functions in the human body. It can be found in all human tissues and body fluids. Including muscles, bones, skin, liver, brain, kidneys, spleen and pancreas. The skin is the third most Zinc abundant tissue in the body with most found in the dermis and Epidermis. Aside from reducing inflammation and aiding in skin healing, the main benefit of this mineral is in the prevention of damage induced by UV radiation. Zinc is also used as an antimicrobial in topical preparations and in dandruff shampoos. As a prescription drug, Zinc Sulfate is used to cure Acne vulgaris, rosacea, atopic dermatitis, eczema and alopecia.



THE HISTORY OF MINERALS



Another very important mineral is Titanium. It was discovered in 1791 by reverend William Gregor in England. He was an amateur mineralogist. William noticed that some black sand near a stream would be attracted by magnets. Upon analysis he found Iron Oxide and an unidentifiable metal oxide. Alas, he was not able to identify the metal. In 1795, a German chemist Martin Heinrich also discovered this unknown metal. He named the substance after the Greek god Titan. It was not until 1910 that an America chemist, Matthew Hunter was able to produce Titanium with a purity of 99.9%. In 1948, the US started producing Titanium on a large scale. The metal Titanium is currently being used by a variety of industries, such as aerospace. The American Apollo moon landing spacecraft was made with 85% Titanium. In December of 1968, Russia built the first all-Titanium nuclear submarine. To this day, the vessel is still in operation and never had any accidents. In our industry, Titanium is used in its Oxide form. It is the white color in every make-up product we create. It also is used as a complete UV block in sunscreen preparations. To this day, the cosmetic industry does not have a substitute to the coverage and whiteness of this mineral.

All of these amazing minerals are found in trace amounts in the food we eat, mostly in fruit and vegetables. Another reason mom told us to eat a “rainbow” of colors.



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REGULATORY UPDATES



USA

FDA

- MoCRA-The FDA has a new proposed rule for “Testing Methods for Detecting and identifying asbestos in Talc-Containing Cosmetic Products.” A public comment period is open for 90 days after the rule is published in the Federal Register.
- The FDA Issued draft guidance for Tattoo Inks, “Insanitary Conditions in the Preparation, Packing, and Holding of Tattoo Inks and the Risk of Microbial Contamination.”
- Warning Letter- A Tom’s of Maine factory was issued a warning letter for cGMP concerns.
- Warning Letter-Catwalk Labs was issued a warning letter for cGMP concerns.

California

- California Air Resources Board (CARB) – 2023 CARB Survey info. must be submitted by April 8, 2025.
- Safer Consumer Products (SCP) – extended it’s comment period to Feb. 25, 25 for Quaternary Ammonium Compounds in personal care and cleaning products.

Recalls

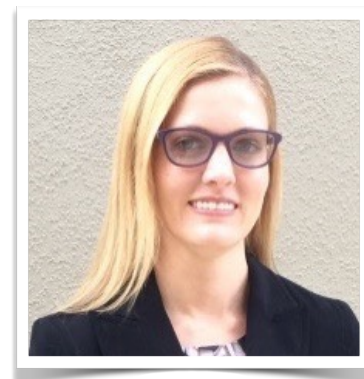
- A shampoo was recalled due to odor and rare but possible temporary irritation due to presence of bacterium *P. Gergoviae*.

National Advertising Division (NAD)

- The NAD recommended a cosmetic company discontinue claims related to eyelash growth for an eyelash serum and that it’s relationship to influencers are clearly and conspicuously disclosed.

INTERNATIONAL

- No International Updates



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WHAT YOU'LL LEARN

How to formulate from a science-first approach

Ways to independently move from project conception to final formulation

Methods to understand the global cosmetic regulation landscape

How to improve trouble-shooting and critical thinking skills

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 **TUITION**
\$7,475

 **COMPLETION TIME**
12 months

 **FORMAT**
Hybrid



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Professional Certificate in Cosmetic Chemistry



BENEFITS OF EARNING A CERTIFICATE

There are several reasons why, Bachelor's degree in hand, you might be considering continuing your studies. An upgraded education section on your resume can open the door to a new career, or, if you're already working, lead to a promotion and a higher salary. While you're working, going back to school is an excellent way to stay current in rapidly changing fields, or, if you've been away from the workforce for a while, to quickly get caught up in the latest trends, concepts, and advances.

While there are as many paths to follow, as there are reasons to follow them when approaching continuing education, there is enormous value in terms of time, financial investment, and personal flexibility while gaining practical training from working professionals in your industry that extends beyond the theory of the classroom and into the real world.

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- Chemist
- Product Development Chemist
- QC Chemist
- R&D Chemist
- Scientist



SKILLS FOR SUCCESS

- Deductive & Inductive Reasoning
- Oral Expression & Comprehension
- Problem Solving



REALITY CHECK. WHAT YOU WILL DO ON THE JOB.

- Develop new or advanced products or production methods.
- Analyze chemical compounds or substances.
- Establish standards for products, processes, or procedures.
- Maintain laboratory or technical equipment.
- Prepare compounds or solutions for products or testing.

Professional Certificate in Cosmetic Chemistry



STUDY PLAN

Courses must be completed in the sequence below. Application and official transcripts required for program entry.

Prerequisites: At least two years of postsecondary chemistry or biology coursework, a foundational understanding of chemistry, and a background in science.

Required Courses		
QUARTER		UNITS
1	Introduction to Cosmetic Science (CHEM X440)	2
2	Skin and Hair Biology (CHEM X441)	4
3	Emulsion and Surfactant Technology (CHEM X442)	4
4	Product Development with an Independent Project (CHEM X443)	3

ARE YOU READY FOR YOUR NEXT STEP?

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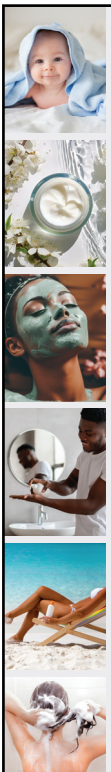
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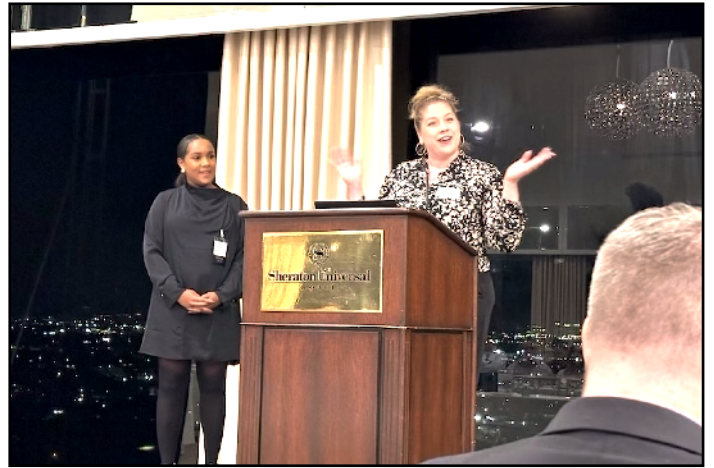
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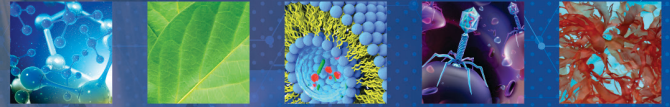
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