

COSMEGRAM

JANUARY 2021 • VOL 51 | ISSUE 1

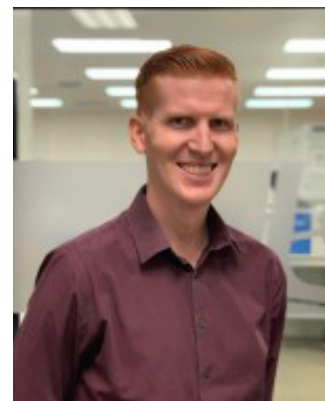


society of
cosmetic chemists
CALIFORNIA

MESSAGE FROM THE CHAIR

Welcome to the new year! I would like to first thank the outgoing members of the board for all the hard work through an immensely challenging year. For all those staying on for another year I am excited to see what we can do! 2020 was a year to remember with several unexpected twists and turns and through it all we did our best to still provide you, the members, with the best programs we possibly could. Now, after our month of reflection in December, I think it is time to finally say goodbye to 2020.

The new executive board and I took advantage of SCC's down time in November to really come up with a unified front for the upcoming year. As much of the elected board is new this year, we took time to work with our predecessors and reflect on what the various positions mean and developed 3 key goals we will be working toward:



1. Improving Your Membership Value
2. Increasing Our Membership Engagement
3. Setting Retention and Growth Goals

To improve your membership value, we are working on a major revamp of our website. We want to add a member's only section for recorded content as well as making its use more intuitive for you as well as on the back end. We have been working to leverage the virtual setting to allow for a wider range of speakers for our monthly meeting. In January we will be kicking that off with Jen Novakovich, founder of the Eco Well, who will be challenging the sustainability perceptions in the cosmetic industry. Then in February we have lined up Tom Szaky from Terracycle to build on his wonderful talk from the SCC national meeting. Additionally, we are working to improve the virtual experience of the Cosmegram and offer a CEP course at least once per year.

For increasing our membership engagement, we are working on a strategy to connect with you, the member, on a more regular basis than once a month at the meeting. We are developing a program for meaningful communication that is more than just another useless email in your inbox. We are also developing a program to better engage with the local universities to help them understand what opportunities are available in the cosmetic industry. Finally, we have set a retention goal for this year of 95%, and a growth goal of 1% to get the California Chapter to 1,000 members!

Looking at the goals we have in front of us I know this will not be something that happens overnight. We have come up with these goals jointly and each board member has something they have wanted to see improved and is connected to at least one of these goals. We are all here to serve the members as best we can and if you feel passionate about any of the aforementioned goals, please reach out to myself or anyone else on the board to get involved. We are still finalizing our strategy plan to achieve our goals and will keep you updated every step of the way!

Here is to a Great 2021!

Ryan Kudla
CA SCC Chair -2021

JANUARY MEETING SPEAKER



CHALLENGING SUSTAINABILITY PERCEPTIONS IN THE COSMETICS INDUSTRY

Jen Novakovich

Cosmetic Formulator and Science Communicator Director - The Eco Well

This presentation will address common sustainability related perceptions and claims in the cosmetics industry. We will take an evidence based look at the certification bodies currently certifying sustainability, focussing on the EWG, and EcoCert/COSMOS. How are they measuring sustainability related impacts, and how are they falling short? ISO 16128 will also be covered.

SPEAKER BIO

Jen Novakovich is a cosmetic formulator and science communicator director at The Eco Well. She runs a cosmetics science podcast, where she features conversations with scientists every week, a YouTube channel, where she hosts free interdisciplinary e-panel events monthly, and has launched several larger scale scicomm conferences, including the Green Beauty Night series. Jen holds two bachelors of science degrees from the University of Guelph, a diploma in cosmetic chemistry, and has interviewed hundreds of scientists between her podcast and panel events.

EMPLOYMENT OPPORTUNITIES



Cali SCC is committed to offering an effective platform for members to post open job positions directly on our website to assist with finding qualified employees to fill these positions. To view job listings or to add a position to our website, please visit our employment page at www.caliscc.org/employment or contact Heather Naef-Owen directly at heathernaef@gmail.com.

[VIEW/ADD EMPLOYMENT LISTINGS](#)



CASCC 2021 CALENDAR OF EVENTS

MONTHLY MEETINGS

January 26th 2021 Virtual Meeting –9:30 am

February 23rd 2021 Virtual Meeting –5:30 pm

March 23rd 2021 Virtual Meeting –9:30 am

April 27th 2021 Virtual Meeting –5:30 pm

May 25th 2021: In-person Meeting – Duke’s Malibu 5:00 pm

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

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

November 16th 2021: In-person Meeting – 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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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
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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>

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Is USP 61 and 62 alone good enough for cosmetic safety?

Currently, routine microbiology testing for cosmetics mostly focuses on USP <61> for screening (Total Plate Count and Yeast & Mold) and USP <62> for pathogens (*Escherichia coli*, *Salmonella*, *Staphylococcus aureus* and *Pseudomonas aeruginosa*).

While the testing program mentioned above covers most common bacteria and hazardous microorganisms, it may not be sufficient to exclude all potential microbiological risks. This is evidenced by the fairly recent warning letters issued by the FDA due to positive findings of microbiological contaminants.

Date	Product	Microbial contamination
Sep 2019	Solid Ink-Diablo	<i>Clostridium</i> species
Sep 2019	Dynamic Color BLK	<i>Bacillus cereus</i>
Sep 2019	Intenze Advanced Tattoo Ink- True Black Raw Umber Light product	<i>Pseudomonas andersonii</i> , <i>Oligella ureolytica</i> , <i>Methylobacterium</i>
Sep 2019	Raw Umber Light product	<i>Bacillus circulans</i> , and unidentifiable, gram-negative, oxidase positive bacteria
May 2018	No-Rinse Cleansing Foam	<i>Burkholderia cepacia</i>
Oct 2016	Contaminated water	<i>Burkholderia cepacia</i>
March 2016	"Pelican Hill Shower Gel," and "Essential Elements Shampoo"	<i>Pseudomonas aeruginosa</i> high Aerobic Plate Counts
April 2015	Illuminating Eye Shadow	<i>Bacillus cereus</i> (an ocular pathogen)

See below for detailed information about microbiological contaminants that you should consider testing your products for and why they can pose a potential risk as they are not detected by standard USP <61> and USP <62> testing (*Clostridium* and *Candida albicans* is listed in USP <62>, but is barely requested). For example, different forms of *Clostridium* and *Candida albicans* can cause a wide-range of symptoms from diarrhea to even death in pregnant women, the elderly and immunocompromised individuals. Nearly 20% of the US population fits into one of these categories.

<i>Burkholderia cepacia</i>	
Source	Body perspiration, infectious secretions, and droplet
Why Test For It?	Does not grow without pre-enrichment, requires special agar to grow.
Potential Danger	Fatal lung infection

<i>Clostridium species</i>	
Source	Soil, marine and fresh lake water sediment, preserved meat
Why Test For It?	Just grows in anaerobic conditions.
Potential Danger	Food poisoning, cellulitis, fasciitis, necrotic enteritis, gas gangrene, Botulism (potentially fatal illness)

<i>Pluralibacter gergoviae</i>	
Source	Soil, water, sewage, maize, grape bay, coffee beans, refrigerated packed fish paste, brown leaf spots on pear trees, and the insect guts of the fruit fly and the pink bollworm
Why Test For It?	Doesn't grow without pre-enrichment, requires special agar to grow.
Potential Danger	Endophthalmitis (an infection of the inside of the eye) , respiratory diseases, urinary tract infections, and blood poisoning

<i>Candida Albicans</i>	
Source	Mouth, throat, gut, genital area and on the skin of 40–60% of healthy adults
Why Test For It?	Yeast, but requires different growing conditions and pre-enrichment (not detected in low concentrations by yeast and mold screening)
Potential Danger	Invasive candidiasis (yeast infection)

Adamson Analytical recommends to add the aforementioned organisms to your testing program as an extra layer to protect your brand and consumers from microbiological risks. We can assist companies large and small with creating a risk-based testing plan that works. Reach out to Jackie Sirois- Jackie.sirois@tentamus.com with any questions or quote requests.



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A LOOK BACK ON ALL THE SCC EVENTS IN 2011



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HISTORIAN ARTICLE

POSITIVE RESULTS

Beauty may be in the eye of the beholder, but there is little debate when it comes to the long-term attractiveness of the global beauty industry. Not only has the beauty industry continued to grow steadily year over year, but it has created generations of loyal customers. 2020 proved to be like no other in beauty and skincare. The economical and society impacts of COVID-19 have been massive, with beauty experiencing rapid shifts in buying patterns, channel activity and consumer demands. Will the beauty industry be able to rebound and deliver positive results in 2021?

Kendall Johnson



During the 2008 financial crisis, beauty industry spending fell and fully bounced back by 2010. Even though the economic magnitude of the COVID-19 pandemic on brands and retailers has been far greater than any recession, there are signs that the beauty industry may once again prove relatively resilient. At the beginning of the pandemic China's sales fell significantly. By March there was an extremely rapid rebound under the circumstances. In a variety of global markets, consumers stated they intended to spend less on beauty products in the near term. This was largely driven by declines in spending on color cosmetics, specifically lipsticks. Although, lipstick sales have seen a vast uptick since the 2001 recession. The 2020 economic recession is much different than 2008 and 2001 due to the pandemic and masks, but the principle is that people lipstick, cosmetics and skincare products as an affordable luxury. Sales therefore tend to stay strong even in times of duress if history repeats itself.

Putting focus into where and how products are being sold can help us predict scenarios for beauty in the post COVID-19 world. Prior to the COVID-19 crisis, the majority of beauty products purchased were due to in-store-shopping, with some variation by subcategory. Even online-savvy Millennials and Gen Z consumers made over half their purchases in store. With the closure of premium outlets, a large percentage of the beauty industry market was shocked at the beginning of 2020. Vigilance and efficiency quickly became key promoting direct-to-consumer e-commerce sales, social media platforms and marketplaces. Beauty-industry players prioritized digital channels to capture and convert attention to existing and new consumers in order to survive demand changes.

As the COVID-19 crisis has shown, the world can change quickly and still deliver a positive result. This has brought a substantial shift in demand for the beauty industry. Even before the pandemic, big brands were under extreme pressure to overhaul product and innovation pipelines inspired by the digital-native brands that deliver concept to cupboard in months. The need for speed is even greater now to accommodate consumer demand new products. As the pace of innovation accelerates, digital will continue to rise.

While the beauty industry seems to be in a stronger position than other consumer categories, 2020 was one of the hardest years yet. However, most believe the industry will remain attractive in the long run. Consumers across the globe are showing their loyalty that they still find comfort in the simple pleasures of "self-care Sunday" or the swipe of lipstick before a Zoom meeting. Even before the pandemic, beauty was becoming more global, expansive and intertwined with individuals' sense of well-being. The COVID-19 crisis is not likely to change these trends- and in that, there is reason for hope. While in this day in age the phrase "positive result" has a negative connotation, the beauty industry will strive to deliver a positive upturn in trying times.

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REGULATORY UPDATES

By Dan Kolhoff, Regulatory Affairs SCC Chair

INTERNATIONAL

UK - BREXIT - Transitional Period Ended Jan. 1, 2021

The UK has completely left the EU. That means that all companies doing business in the UK and EU will need an Responsible Person in both markets. The UK has also created its own cosmetic portal which means that Responsible Persons need to start notifying products in that portal as soon as possible. Companies will have to include UK RP information by Jan. 1, 2023.

EU - Impending Ingredient Ban

Lilial - This ingredient, a fragrance component, will be banned sometime in Q2 2022. That means products containing this ingredient must be removed from store shelves and cannot be sold at all. If you have this ingredient in your fragrances, you should remove it if you want to do business in the EU.

US

Department of Health & Human Services

The Public Health Emergency allowing companies to make Hand Sanitizer under the FDA Guidance, was extended on January 7, 2021, for another 90 days starting on January 21 2021.

CALIFORNIA

Cosmetic Fragrance and Flavor Right to Know Act of 2020 - SB 312 was signed by the Governor on September 30 and starting January 1, 2022, requires the disclosure to the Department of Health of fragrance ingredients that are on 20 different US and International lists, the disclosure of EU fragrance allergens, whether the product is intended for professional or retail use, CAS numbers for each ingredient disclosed, and the UPC of the product being notified. The Dept of Health will create a database containing what ingredients are in the fragrance and the health hazards associated with each fragrance.

NEW YORK

1,4 Dioxane Restriction

1,4-Dioxane will be limited in Shampoos, Conditioners, Bath Gels, (rinse of personal care products) to 2ppm by Dec. 31, 2022. Then 1ppm by Dec. 31, 2023. All other cosmetic products will have to meet a 10ppm limit.



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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).

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- 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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