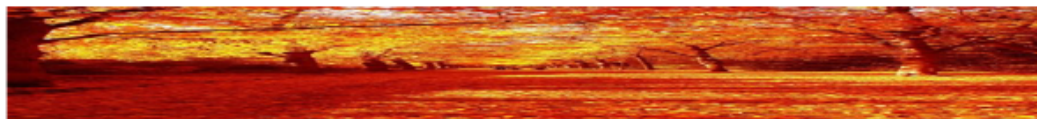


Society of Cosmetic Chemists  
Carolina Chapter

October 2020  
Volume 120

## Follow SCC's Area IV TechTalks Into FALL



The SCC Area IV Chapters are continuing to bring you discussion-style webinars beyond the summer season. Targeted for 60-minutes, the sessions will feature an opening presentation to frame the topic, followed by an interactive Q/A session and conversational dialogue. As part of our ongoing educational outreach, the sessions are complimentary.

Registration information will be forwarded separately.

### FALL TechTalks Schedule

**September 23, 2:00 p.m. EDT**

Topic: *Surfactants: Meeting Today's Market Needs*

Presenter: Dennis Abbeduto, Colonial Chemical

**November 4, 2:00 p.m. EDT**

Topic: *A Novel Method for Preventing Microbial Transfer from One Surface to Another*

Presenter: Sanam Fazilova, Active Concepts

CAROLINA  
CHAPTER



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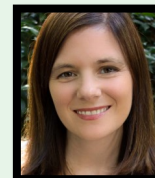
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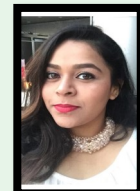
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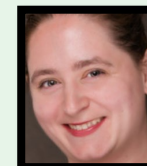


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Angela Eppler  
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[scccarolinas@gmail.com](mailto:scccarolinas@gmail.com)

Website Editor

MEET OUR SPEAKER ON PAGE 3

## LETTER FROM THE CHAIR: STEVE O'CONNOR

### INSIDE THIS ISSUE

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Meet Our Speaker	3
SCC NEWS	4
Clean Beauty	6

**Hello Carolina Chapter Members and Friends,**

**I hope you have had an enjoyable summer. It certainly has been different this year for all of us. For our chapter, the lack of live or in-person meetings has really changed how we normally operate. As many of you already know we will not have any in-person meetings in 2020. However, through collaboration with the other Area IV SCC chapters we have been providing educational content in webinars which has put some regularity to our chapter schedule. We will continue with the webinars throughout the year as covered in more detail below along with some other news items.**

### **CHAPTER ELECTION**

**Our chapter election is approaching which is your chance to run for officer positions on the Carolina Chapter board. All of our board positions are open for your participation.**

**Chapter Chair-Elect**

**Chapter Treasurer**

**Chapter Secretary**

**The election will be conducted online, please look out for an email message with more information.**

### **TECH TALKS**

**The Summer Tech Talk series has been very successful with the number of participants at times reaching several hundred. The series will continue through the fall, look for email blasts and other advertisements and in our social media postings. As a side note, working with the other Area IV chapters on this series has been very rewarding in terms of the teamwork in identifying speakers and running the webinars but, more importantly in getting to know our fellow chapter chairs. Let us know if you would have any suggestions for speakers and presentations.**

### **SOCIAL MEDIA**

**The Carolina SCC chapter is present on Facebook and LinkedIn. Just search for our chapter to follow.**

**Your participation in the chapter is appreciated. If you would like to get more involved, email us at [scccarolinas@gmail.com](mailto:scccarolinas@gmail.com).**

**Best regards,**

*Steve O'Connor*

**Chair, Carolina Chapter**



SOCIETY OF COSMETIC CHEMISTS  
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# Society of Cosmetic Chemists Carolina Chapter

## Meet our Speaker: Sanam Fazilova



Ideation Strategist—

Since 2012, Sanam worked with various cosmetic brands to promote cosmetic and skincare products that meet customers' needs. After completing her biochemistry degree, she began her career at Active Concepts in 2017 in Technical Marketing. Currently, in the role of Ideation Strategist, Sanam focuses on conceptualizing and executing strategies for brand development and product development on a global scale.

### **Abstract: A Novel Method for Preventing Microbial Transfer from One Surface to Another.**

Hand sanitizers have been in the spotlight during the Covid-19 crisis as consumers embrace a protect and prevent approach. With a focus on hygiene and cleanliness, this industry segment may undergo premiumization as demand increases for products that offer additional benefits such as moisturizing. Washing and the use of harsh sanitizing products effectively disrupt not only pathogens but also the commensal microflora on our skin. As consumers turn to immune-boosting supplements and natural remedies, this first line of microbiota immune defense may continue to play a key role in cosmetic product development. A brief review of clinical research pertaining to hand sanitizers and the potential effects on the skin will be presented. A detailed review of a novel study on the use of plant components will be discussed in relation to the prevention of microbial transfer from one surface to another.



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# Society of Cosmetic Chemists

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## NATIONAL NEWS



**Society of Cosmetic Chemists Elects Executive Officers and Area Directors for 2021**— The Society of Cosmetic Chemists (SCC) announced the election results for the organization's 2021 executive officers and area directors. Together with the Board of Directors, they are the governing body focused on the mission, strategy and goals of the Society and are responsible for representing the interests of nearly 6,000 individual cosmetics and personal care industry members globally.

Effective January 1, 2021, SCC's executive officers are:

- President is **Elizabeth 'Liz' Streland**
- Vice President **Michelle Hines, PhD**
- Vice President-Elect **Mark Chandler**
- Secretary **Yulia Park**
- Treasurer **Karen Chun**

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# Society of Cosmetic Chemists Carolina Chapter

## Society of Cosmetic Chemists Launches Digital Resource Hub



Today, the Society of Cosmetic Chemists (SCC) launched its Media Library and Resource Center ([www.sconline.org/library](http://www.sconline.org/library)), a digital platform poised to be the industry's go-to resource for the latest scientific research, education and information.

Content on this new hub includes: digital issues of the peer-reviewed research presented in the Journal of Cosmetic Science; an archive of recent SCC Webinars on important advancements, topics and trends in the cosmetic and personal

care industry; videos/slide-syncs of the scientific presentations delivered at recent Annual Scientific Meetings; and other resources.


"After nearly a year in development, we are excited to launch this new industry resource," said Erica O'Grady, CAE, Executive Director/CEO of the Society. "Given current global events, the need for on-demand, remote access to resources is greater than ever, and we're pleased to be able to provide that."

And, new for 2020, the Journal of Cosmetic Science has been redesigned and migrated to a digital-only format. Access to all issues of the Journal is free to SCC members, and issues dated 1947-2017 are now open access for the industry.

The Media Library & Resource Center includes a sophisticated keyword search of all available content types on the hub – articles, presentations, newsletters, webinars and more. On-demand purchase options for all types of content is available and select content access is included free as a benefit of SCC membership.

"I am delighted that the SCC is leveraging technology investments to develop these types of products and services which are core to our mission," said Mindy Goldstein, SCC President and owner of Mindy S. Goldstein, PhD Consulting. "Our strategic focus as an organization is to continue to create valuable tools for our members to assist in their professional development and knowledge in an ever-changing industry."

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## Clean Beauty: A Significant Trend

By: George Deckner



Clean beauty is the integration of mega trends like natural cosmetics, health, wellness, social, ethics, and environmental responsibility. Consumers are becoming increasingly conscious, better informed, and more concerned about the safety and efficacy of products or ingredients they are putting into and onto their bodies. Originally starting in the foods industry, clean beauty has now become a mainstream concept in personal care. The clean beauty sector is hot and grew 42% from 2017 to 2018 with projected global sales of \$22 Billion dollars by 2024 with the top selling clean beauty personal care categories being skin care followed by hair care (1).

I believe that the current natural beauty trend has become overly extreme often resulting in products that are ineffective and more irritating. Just because ingredients are natural doesn't guarantee safety or performance. Many times, the reverse is true; they are inconsistent in quality, performance, and stability. Synthetic cosmetic ingredients like silicones, thickeners, film forming polymers, chemical sunscreens, emulsifiers, preservatives are extremely difficult to replace with natural alternatives without compromising performance. Many synthetic ingredients have a long history of safe use and are produced from sustainable, environmentally friendly feedstocks which are frequently more cost effective.

The top consumer claims associated with clean beauty include natural, non-toxic, free of, cruelty free, paraben free, and hypoallergenic. There is however no universal list of "unclean" or dirty ingredients with each clean brand or retailer having their own list of no-no or free of ingredients list. Common dirty ingredients include SLS, Formaldehyde, Parabens, Triclosan, Paraffins, Phthalates, Aluminum, mineral oil, and Hydroquinone.

Clean beauty in principle is a holistic, rationale, approach to product development focused on using ingredients that are safe, effective, sustainable, ethnically produced, and environmentally friendly. Utilizing ingredients that are the best of science and nature focusing on safety/performance and not whether they are natural or synthetic. Unfortunately, many of the currently marketed clean brands don't live up to their promises and are poorly formulated. Ingredients are not banned based on available scientific data but on the opinions of ill-informed individuals.

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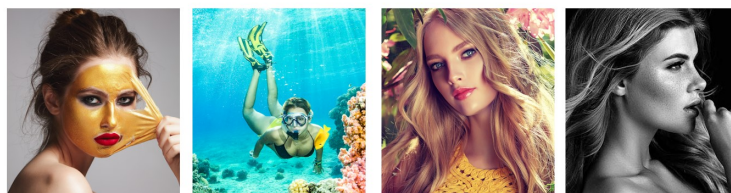


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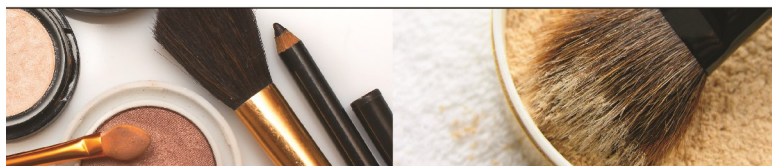
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## CONTINUED FROM PAGE 6

### CLEAN BEAUTY PRODUCT DEVELOPMENT PRINCIPLES

- Total product and marketing transparency- marketing data suggests that consumers trust transparent brands more than conventional ones and are willing to pay more for products from transparent brands (2). Honest labels can help assure the consumer that products and ingredients are safe, non-toxic, and effective. Product claims should be non-exaggerated and believable. The consumer over the years has been inundated with exaggerated claims and marketing stories. Additionally the internet has provided the consumer with the ability to do their own fact checking and research.
- Effective products and actives backed by published scientific data and clinical testing. Using synergistic combinations of known, proven actives to increase performance. The use of natural based ingredients to help provide assurance of performance.
- Simplicity-simplified formulations enabled by using multi-functional, consumer trusted ingredients.
- Environmental and social responsibly-use of ingredients that are sustainably sourced and produced. Minimal use of packaging materials/refillable packaging that is safe for the environment and biodegradable.

### CLEAN BEAUTY FORMULATION STRATEGY


- A strong technical rationale for each ingredient used, especially actives
- Formulation simplification, less is better
- Use of multi-functional ingredients
- Use of actives credentialed/recommended by dermatologists or backed by clinicals performed using peer reviewed methods
- Avoidance of using highly unsaturated ingredients prone to oxidation. Especially natural oils containing high levels of polyunsaturated fatty acids
- A thorough understanding of ingredients used along with impurities
- Minimize the use level of preservatives, fragrances, essential oils and emulsifiers. Avoid using Phenoxyethanol and Benzyl alcohol since they can cause neurosensory skin irritation.

### TOP CLEAN BEAUTY BRANDS

- Beautycounter is the top clean beauty brand. In 2018, Beautycounter was the most searched beauty brand online in the U.S. Claims to have Over 1500 ingredients on their ban list.
- Drunk Elephant (owned by Shiseido)-founded 2012, claims to sell clean compatible skincare using only ingredients that either directly benefit skin health or support the effectiveness of formulations.
- First Aid Beauty (owned by P&G)-founded in 2009 and committed to sensitive skincare, has over 1300 ingredients on their ban list
- Goop – founded in 2008 by Gwyneth Paltrow (CEO) and Juice Beauty to launch Goop Skincare.
- Tata Harper-founded in 2012, claims to be 100% natural and nontoxic

<https://knowledge.ulprospector.com/10720/pcc-clean-beauty-a-significant-trend/>

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# Society of Cosmetic Chemists

Carolina Chapter



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## Anti-Aging Market To Reach \$29.8 Billion by 2027

The global anti-aging market size is expected to reach \$29.8 billion by 2027 according to a new study by Polaris Market Research. The report gives a detailed insight into current market dynamics and provides analysis on future market growth.

Beauty and skin health is considered one of the prominent factors that represents overall perception of health and well-being in consumers. Anti-aging products and treatments help combat the consumer skin by masking, preventing and reducing signs of aging.

The prominent factors favoring the market growth include rise in aging population, globally. As per the statistics published in 2019 by the United Nations, through its World Population Prospects Working Group, by 2050, there would be 1 in 6 old age people (over 65 years), as compared to 1 in 11 in 2019. This old age group accounts for one fifth of the total population in 17 countries, and it is projected to be increased by the end of this century in 155 countries, covering 61% of the global population. This is mainly due to increase in life expectancy and declining fertility rates among the people.

In 2019, there were around 703 million aged over 65. Eastern and South East Asia accounted for the largest share of around 260 million, followed by Europe and North America with over 200 million. It is projected that in South Asia the biggest increase in old age would be seen in South Korea, Taiwan, and Singapore.

Signs of aged skin becomes gradually noticeable and is associated with loss of elasticity, loss of volume, appearance of wrinkles and fine lines. Rising consciousness among the populace regarding younger looking skin is furthermore surging the overall demand for anti-aging products and treatments, and thereby enhances the market growth.

Market participants such as Estée Lauder Companies Inc., Avon Products Inc., Procter & Gamble Co., and many other beauty brands are key players operating in the global market.

More info: [www.polarismarketresearch.com/industry-analysis/anti-aging-market](http://www.polarismarketresearch.com/industry-analysis/anti-aging-market)

READ THE FULL ARTICLE:

[https://www.happi.com/contents/view\\_breaking-news/2020-09-08/anti-aging-market-size-worth-298-billion-by-2027/](https://www.happi.com/contents/view_breaking-news/2020-09-08/anti-aging-market-size-worth-298-billion-by-2027/)



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