



## Letter from the Secretary: Kim Wandell

**June  
SWSCC  
Newsletter**

---

**SWSCC  
Newsletter**

Here you will  
find info of  
upcoming  
events as well  
as other info  
from YOUR  
chapter.

---

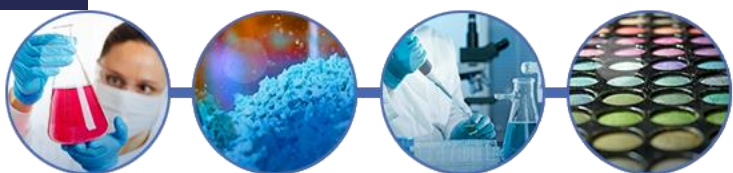
Hello everyone! I hope everyone is doing well and having a great year so far. Well, the year is almost ½ over.... That is just crazy!

May was a good month for our chapter. We had the biggest and best turn out for the SWSCC Golf outing. Your board would like to thank Jeff Barcafar for all his hard work at putting this together each year. This year especially with just about 160 registered golfers. Thank you for all our volunteers as well, these events cannot happen without the help of other pitching in.

Please make sure to look at the event schedule. Your chapter is very busy at scheduling events for the remainder of the year. Also, make sure you are checking your emails for event info. If you or someone you know is not getting emails, please let me know.

Finally, if you have not paid for your Newsletter Ad please get with Nirmal or David to do so ASAP.

Thank you everyone and we look forward to the rest of the year. Be safe and see you at the next event in July!



**ACTIVES**  
INTERNATIONAL, L.L.C.

*Born in Nature - Nurtured with Science*

**ViaPure® • ViaFerm®**

High purity extracts & ferments  
Natural & sustainable

201-236-2828  
www.activesinternational.com

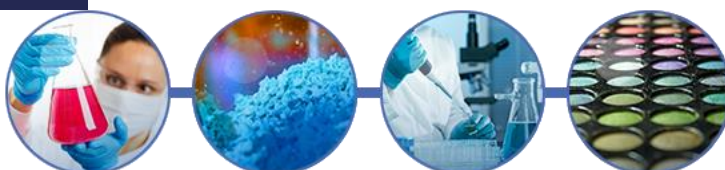


**BEAUTY INSPIRED  
BY INNOVATION**

Discover the newest, advanced ingredients from Coast Southwest. Develop high-performing, anti-aging formulations that produce real results. Our expertise, creative concepts, and ingredient knowledge will help you create your masterpiece.

FACE • BODY • HAIR

**CoastSouthwest**  
1.800.621.0500 | coastsouthwest.com



# 2022 SWSCC Officers

**Chair:** Chrissy Burton – Botanical Science. **Chair-Elect:** Quyen Tra – Mary Kay

**Treasurer:** Nirmal Shah – Goodier Cosmetics. **Treasurer Elect:** David Stott – Mary Kay

**Secretary:** Kim Wandell – OmyaKinetik



**Welcome  
your  
2022  
Board**

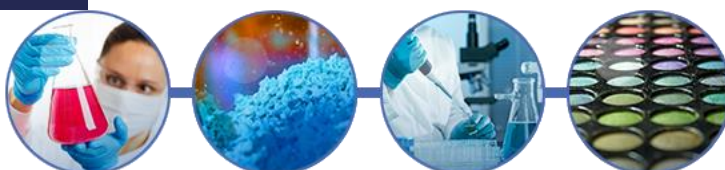
**Volunteers  
don't get  
paid, not  
because  
they are  
worthless,  
but  
because  
they are  
priceless!**

**We are taking nominations for the  
SWSCC 2023 Board – Due by Aug. 15<sup>th</sup> –  
Please nominate yourself or a colleague.**

**Open positions are listed below:**

**Chair-Elect  
Secretary  
Treasurer-Elect**

**If you would like a list of duties, please let  
one of the board members know. We will  
be more than happy to share that info with  
you.**





# Sponsorship

We need your support to be able to provide fun educational content. Reach out to use for more details. If you have not paid for your newsletter ad please do so now

## Newsletter Sponsors:

All that your chapter does could not be possible with out sponsors. Thank you for your current and continued support.

The cost of sponsorship is:

2 x 2 - \$260/yr

2 x 4 - \$380/yr

4 x 4 - \$500/yr

½ page - \$620/yr

Full page - \$1000/yr

Thank you to everyone who have already given us your ads for 2022! You will be seeing your invoices shortly.



**GRANT INDUSTRIES**  
Where Performance Matters

THERE IS NO SUBSTITUTE FOR PERFORMANCE

- silicone elastomer gels
- water-coated silicone technologies
- microsphere powders
- silicone emulsifiers and stabilizers
- innovative hair care materials
- active delivery systems
- inorganic sun care dispersions
- natural based technologies

Contact us today to discover the ways we help ensure your product's performance is flawless, or learn more at [www.grantinc.com](http://www.grantinc.com)



**EMOGREEN™**  
**EMOSMART™**

*Emollients connected to your emotions*

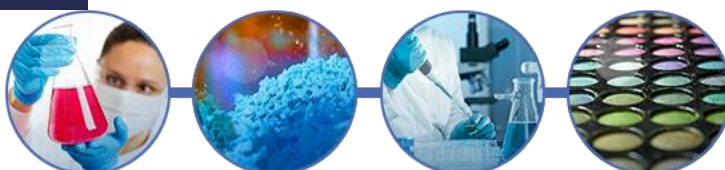
- Alternatives to silicone oils
- Unique high purity & biodegradable alkanes
- Inert and non-polar oils
- A broad sensory palette from vanishing to extra comfortable after feel

SEPPIC



**orchidia**  
fragrances

Armando Baez, Key Account Manager  
abaez@orchidia.com | (214) 232-5117  
[www.orchidia.com](http://www.orchidia.com)



*Monthly Chapter Meeting Schedule – Check the website for more detailed info*

## 2022 Schedule

January 01/20/22 – Virtual meeting and 2022 officer installation. Sensory Evaluation for Product Development - Nicole Menke @ Mary Kary

February 02/24/22 – Virtual meeting – Designing Clinical Studies for Cosmeceuticals – Alisar Zahr @ Revision Skincare

March 03/31/22 – Culinary Event – In person – Dallas Culinary College

April 04/21/22 – Virtual meeting - The Reef Safety of Zinc Oxide Based on Exposure Scenarios - Jody Jourden @ EverCare

May 05/26/22 – SWSCC Golf Tournament in memory of Jeff Peterson – Registration is open.

**July 07/21/22 – In Person Event – CBD by Dallas Norton @ EVO in Southlake – 6pm-8pm.**

**August 08/11/22 – CEP Course – Cosmetic Claim Substantiation – Martha Tate & Sidney Hornby - TBD**

**September 09/14/22 – Supplier’s Day - with set up on 09/13/22 – Registration is open.**

**October 10/27/22 – Trunk or Treat – Save the Date**

**December – Dinner Dance – EOY party – More to come**

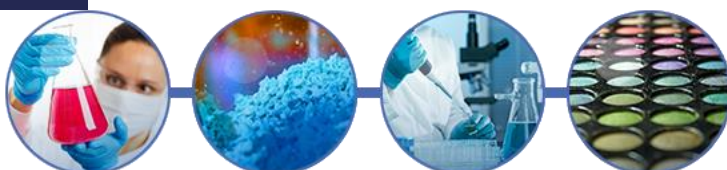
**Register for the above events @ [www.swscc.org](http://www.swscc.org)**



All chapter meeting info is located on our web site under the Events tab.

Some events will be limited so make sure you register.

If you are not getting our registration emails, please contact a board member.



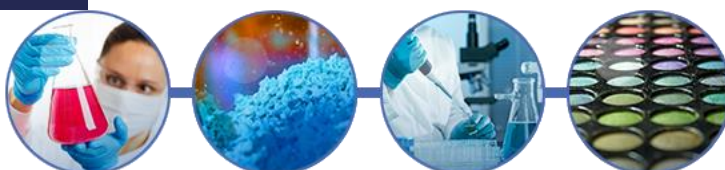
**Reminder:**

**Attending  
chapter  
events  
is a good  
place  
to network!**

## SWSCC Golf outing in memory of Jeff Peterson

“It is with our deepest sorrow that we inform you of the death of our beloved friend Jeffrey Peterson, founder, and owner of Silicones Plus. He passed away on April 14th following a two-year battle with cancer. Jeff is deeply missed by friends, colleagues, and family as his energetic and fun spirit lives on. He was a big supporter of the SWSCC and an avid golfer.

Here are some pictures from the Golf Outing



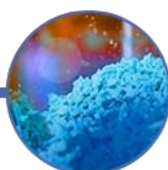




All the pictures can be found on the web site

<https://swscc.org/photos>

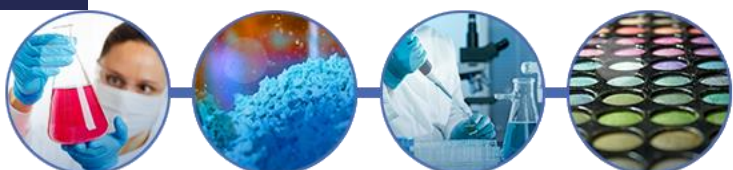
Also, thank you again to all the hole  
sponsors this year.



**SWSCC Golf Tournament Hole Sponsors**  
(In memory of Jeff Peterson)



**SWSCC Golf Tournament Hole Sponsors**  
(In memory of Jeff Peterson)





# SWSCC 2022 Suppliers Day!

## It's been a LONG time, but it's back

We are now accepting registration for Booths and Sponsorships.

Please contact Mary Miller ([mary.miller@mkcorp.com](mailto:mary.miller@mkcorp.com)) if you have any questions.

<https://swscc.org/events/events/120-2022-swscc-suppliers-day-booth-registration-only>

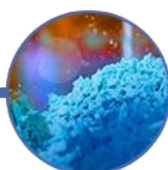
<https://swscc.org/events/events/119-2022-swscc-suppliers-day-sponsorships>

**ATTENDEES** for the show will register starting on June 1st, 2022 (Please note even if you are an exhibitor at a booth you still have to register with attendees so we can print your badge and get a count for lunch)

### Platinum Sponsors - THANK YOU!



### GOLD SPONSORS



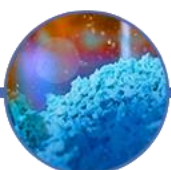
**GOLD SPONSORS**



**SILVER SPONSORS**



DeWolf



## Technical Article

By Miss Lucy  
@ Seppic



Miss Lucy is a chemist avatar created by Seppic in North America, and ran by a local team of experts in beauty ingredients and technologies, formulation, skin & hair biology, marketing, ...

She shares formulation tips and inspirations on her blog [formulez-vous.com](http://formulez-vous.com), as well as the stories behind the skincare ingredients on Instagram, to increase knowledge and transparency on what makes innovative textures and efficacious beauty products.

Seppic is a recognized company in the beauty care industry, creating unique ingredients to enhance its customers' creativity in developing skin and hair products with intelligent thickeners, sensorial emulsifiers, efficacious actives, and more...

Come say hi to Miss Lucy on [formulez-vous.com](http://formulez-vous.com) or on Instagram @SeppicMissLucy !

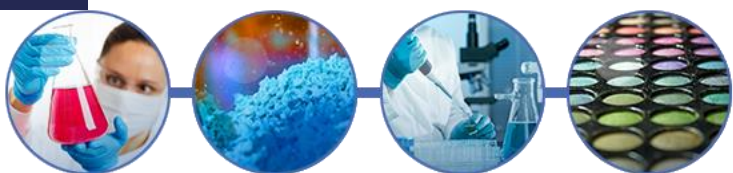
### *The basics of Collagen*

#### **What is collagen?**

Collagen is a fibrous component specific to the animal kingdom and crucial for organisms, as it is the basis of conjunctive tissues that provides support and connects organs. It accounts for one third of dry weight of all proteins in the human body and about three quarters of dry weight of the skin.

The term 'collagen' refers to a set of proteins classified into 28 different types, distinguished by their structure but also by their location in the body [1]. The most represented collagens in the skin are type I, III, IV, VI, VII and XVII. They are mainly synthesized by fibroblasts in the dermis and keratinocytes of the epidermal basal lamina for type VII collagen [2][3].

Regardless of the type, the basic unit of collagen is a motif of 3 repeated amino acids: one glycine associated with two other amino acids, frequently proline and hydroxyproline[4]. They bond together and form an elegant triple helix, called "Procollagen", giving collagen a very high resistance and the ability to extend to about 90% of its original size, while still being able to regain its initial formation. Several collagen triple helices are then packed together side by side to form fibrils, then arrange themselves in different ways depending on the type of collagen [5].





### Why is collagen deeply impacted by aging?

With intrinsic aging, the production of collagen slows down at the age of 30. The dermis, which structures the whole skin, is consequently less dense which leads to the weakening of superficial structures such as epidermis. With age, there is also a loss of elasticity, decreasing the density of the skin which creates the appearance of wrinkles.

In addition to the decrease of collagen synthesis, the fibers also undergo significant changes that affect their physical properties. These changes increase with age but can be intensified by extrinsic aging from exposure to UV rays, pollution, smoking and dietary imbalances. This results in an increase of matrix metalloproteinases (MMPs), the enzymes responsible for the degradation of collagens.

Inversely, there is also a decrease in the synthesis and activity of metalloproteinase inhibitors, or TIMPs (tissue inhibitors of metalloproteinases). Due to their long lifespan, collagens are the primary target for slow enzymatic reactions such as glycation. Glycation acts as a caramelization, stiffening the collagen fibers leading to loss of elasticity and sagging, traditional features of aged skin [6].

Finally, with age, there is accumulation of reactive oxygen species which generates oxidation reactions. This results in the carbonylation of the amino acids lysine and arginine on collagen [7]. This carbonylation radically changes the visco-elastic property of collagens [8].

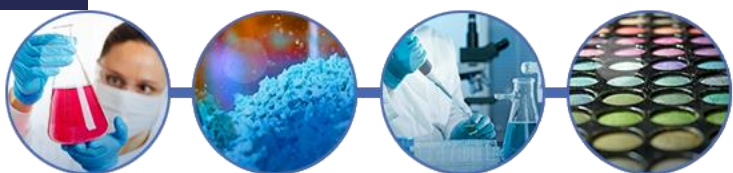
### Supplement collagen from the inside out

In order to counteract this deficit of collagen in our body and skin, Collagen can be taken orally (supplement/food) or topically (skin care).

The differences between oral and topical use will be the efficacy and bioavailability. Orally, it goes in the bloodstream and is much more readily bioavailable, providing increased efficacy compared to a topical application that will have to go through the skin barrier.

Its use as a topical or oral supplement is often intended to prevent and reduce wrinkles, thicken hair, and strengthen nails.

In skin care, collagen is used mostly for its anti-aging properties, smoothing the skin relief, increasing its elasticity, and promoting hydration, from the outside.



## Protect and stimulate the natural collagen content in the skin

Another approach is to help protect and boost the natural collagen content in the skin with skin care active ingredients that may be smaller than collagen molecules and can:

- Stimulate the synthesis of the natural collagen in order to counteract the decrease seen with age.
- Protect existing collagen from degradation or structural modification, which lead to the loss of their physicochemical properties.

Finally, actives can also stimulate the contractile capacities exerted by fibroblasts on the collagen fibers in the dermis, to obtain a localized tightening effect.

*Looking for active suggestions to boost and protect collagen? Ask Miss Lucy!*

Scientific references:

[1] Matthew D. Shoulders and Ronald T. Raines. Collagen structure and stability. *Annu Rev Biochem.* (2009) ; 78: 929–958. doi:10.1146/annurev.biochem.77.032207.120833.

[2] J.H. Mortensen and Morten A. Karsdal. Chapter 7 - Type VII Collagen. *Biochemistry of Collagens, Laminins and Elastin. Structure, Function and Biomarkers.* (2016), Pages 57-60

[3] Dorothy M. Supp, Jennifer M. Hahn, Kelly A. Combs, Kevin L. McFarland, Ann Schwentker,

Raymond E. Boissy, Steven T. Boyce, Heather M. Powell, and Anne W. Lucky. Collagen VII Expression Is Required in Both Keratinocytes and Fibroblasts for Anchoring Fibril Formation in bilayer Engineered Skin Substitutes. *Cell Transplantation* (2019), Vol. 28(9-10) 1242–1256

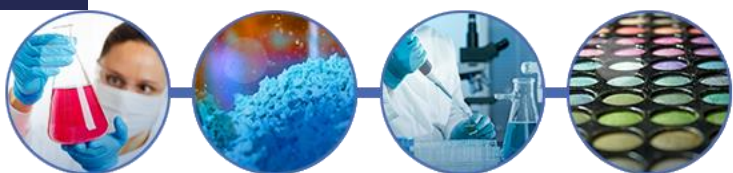
[4] Marion K. Gordon and Rita A. Hahn. *Collagens.* *Cell Tissue Res.* (2010) January 339(1): 247–257. doi:10.1007/s00441-009-0844-4.

[5] Wu M, Cronin K, Crane JS. *Biochemistry, Collagen Synthesis.* [Updated 2020 Sep 11]. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; (2021) Jan

[6] Sylvie Ricard-Blum. The Collagen Family. *Cold Spring Harb Perspect Biol* (2011);3:a004978

[7] Sugiura K, Koike S, Suzuki T, Ogasawara Y. Carbonylation of skin collagen induced by reaction with methylglyoxal. *Biochem Biophys Res Commun.* (2021) May 25;562:100-104. doi: 10.1016/j.bbrc.2021.05.044. Epub ahead of print. PMID: 34049202.

[8] Morimoto, H.; Gu, L.; Zeng, H.; Maeda, K. Amino Carbonylation of Epidermal Basement Membrane Inhibits Epidermal Cell Function and Is Suppressed by Methylparaben. *Cosmetics* (2017), 4, 38. <https://doi.org/10.3390/cosmetics4040038>



## Employment opportunities!

Please send all detailed info to  
[Kimberly.wandell@omya.com](mailto:Kimberly.wandell@omya.com).

Also, when the job is filled,  
please let us know so we can  
take the posting off the web site.

**Click on the link below for jobs**

<https://swscc.org/employment>

**KOBO**  
*The Powder & Dispersion Specialist*

Sunscreen Technology • Surface Treatments  
Special Effect Pigments • Dispersions  
Microspheres • **Natural Origin Ingredients**  
Film Formers • Delivery Systems  
Custom Development • Global Manufacturing

Elsie Ruiz-Alvarado - [eruz-alvarado@koboproductsinc.com](mailto:eruz-alvarado@koboproductsinc.com)

Innovation  
Technology  
Service



[www.koboproducts.com](http://www.koboproducts.com)

**Barentz.**



**Responsible Beauty**

Barentz is an environmentally conscious personal care ingredients & specialty chemical supplier with sustainability in mind.

[www.barentz-na.com](http://www.barentz-na.com) Always a better solution.

[www.silab.fr](http://www.silab.fr)

*Silab*

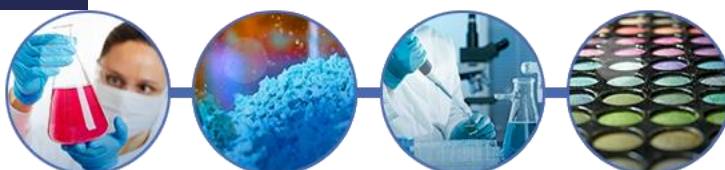
**SILAB** creates and manufactures unique, consistently safe, natural **active ingredients** with proven efficacy.

INDEPENDENCE | EXCELLENCE | QUALITY

You need more information about our products?  
Please contact our subsidiary **SILAB Inc.**:  
phone: 732-335-1030  
email: [silabinc@silabinc.com](mailto:silabinc@silabinc.com)

engineering natural active ingredients

Go to our web site to find your DREAM JOB!







The SWSCC has a new LinkedIn Page – make sure to follow – Southwest Society of Cosmetic Chemist:

<https://www.linkedin.com/company/southwest-society-of-cosmetic-chemists/?viewAsMember=true>

**We will post meetings, social events, chapter info, job opportunities and much more!**



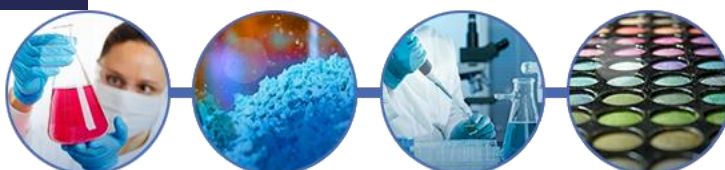
IMCD

**Shaping tomorrow's beauty through innovation and formulation expertise**

Explore what's next with IMCD experts at [imcdus.com](http://imcdus.com).

[www.imcdus.com](http://www.imcdus.com)

Creating a world of opportunity



## SWSCC MEMBERSHIP

[CLICK HERE TO RENEW OR JOIN](#)



Join the oldest and largest association in the cosmetics and personal care industry! The SCC is the only nonprofit membership organization dedicated to the advancement of cosmetic science and is comprised of industry professionals working in all fields of cosmetic science, including formulation, consulting, raw materials, packaging, testing, academia, sales, regulatory & claims professionals, and many others.



**UNMASK YOUR BEAUTY**

**MMP**

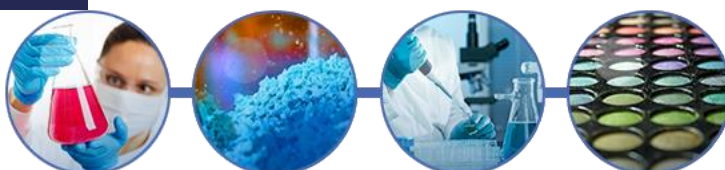
**Clearobact<sup>®</sup> SN**  
Maskne protection in **skin correctors**:

- Skin rebalance
- Anti-inflammatory

**Clearogel<sup>®</sup> ACR**  
Ideal for **setting sprays** with:

- Hydration and tightening effect
- Fixative and pleasant after-feel

MMP, Inc. | 3470 South Clinton Avenue | South Plainfield, NJ 07080 | USA  
www.mmpinc.com | Sales.US@mmpinc.com



## 2022 SCC Board of Directors

President – Michelle Hines, PhD  
Vice President – Mark Chandler  
Vice President Elect – Tony O’Lenick  
Secretary – Qihong Zhang, PhD.  
Treasurer – Katen Chun  
Area III Director – Angie Inouye

## Area III Chapters (*States*)

- **California** (CA/AK/AZ/HI/NM/NV/OR/WA)
- **Intermountain West** (CO/ID/MT/UT/WY)
- **Southwest** (IA/LA/OK/TX)

Natural & Performance Innovative Actives

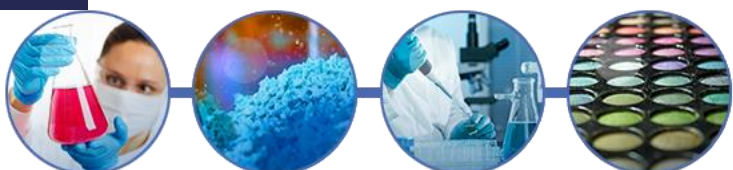
Inspired by nature,  
realized by science.



**mibelle** biochemistry  
GROUP



Contact Maria Jorgensen Mayeron for a consultative discussion  
[maria.mayeron@mibellegroupusa.com](mailto:maria.mayeron@mibellegroupusa.com)







# Industries



Our talented team of problem solvers are ready to assist with your formulating and sourcing needs. We proudly partner with industry leading suppliers. We offer an eclectic mix of personal care raw materials including actives, exfoliants, emollients, emulsifiers, polymers, glitters, effect pigments, sunscreen ingredients, preservatives, and more!

👤 Catherine Houston 📞 (714) 559-5611 ✉ CatherineH@tcrindustries.com  
 🌐 <https://www.tcrindustries.com/industry/personal-care>

**SYTHEON**  
...making innovation work

📍 [www.sytheonltd.com](http://www.sytheonltd.com)  
 james@sytheonltd.com



**ASYNTRA® D-STRESS**

Destress your Skin  
by Protecting Anandamide,  
the Bliss Molecule



**SYNOXYL® AZ**  
Acetyl Zingerone

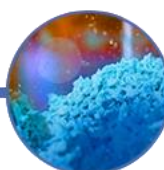
24/7  
Skin Protection & Repair  
against Photoaging



**SYTENOL® A**  
Bakuchiol

The True  
Natural Alternative  
to Retinol

📍 [bakuchiol.net](http://bakuchiol.net)

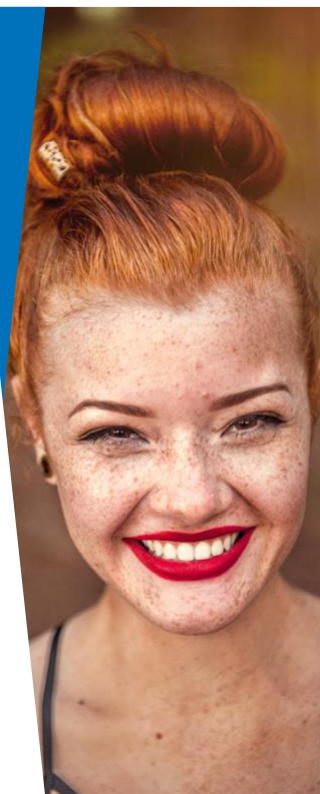




Omya Kinetik is a dynamic, innovative and customer-focused distributor of high-quality specialty and natural ingredients from around the globe, serving the personal care market. Let our experts help guide you in building the perfect formulation for your needs.

Visit us at  
[www.omyakinetik.com](http://www.omyakinetik.com)

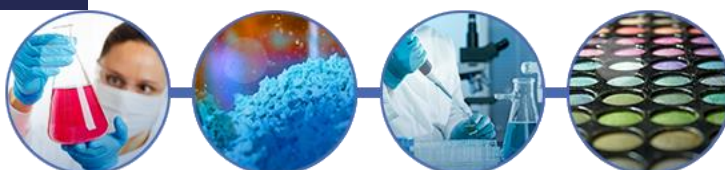
Innovation  
Comes Naturally™



 **Integrity Ingredients Corporation**  
"Your Innovation Partner"

Beauty with Integrity  
*is*  
Clean Beauty

2255 Jefferson Street  
Torrance, CA 90501  
Main: (310) 782-0282  
Toll Free: (877) 765-0282  
[www.integrityingredientscorp.com](http://www.integrityingredientscorp.com)  
[info@integrityingredientscorp.com](mailto:info@integrityingredientscorp.com)



Celebrating **25 Years** in Business



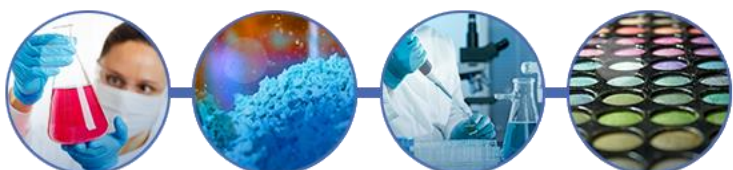
**SILICONES PLUS<sup>®</sup>**

Suppliers of Silicones,  
Surfactants and other  
Chemical Specialties

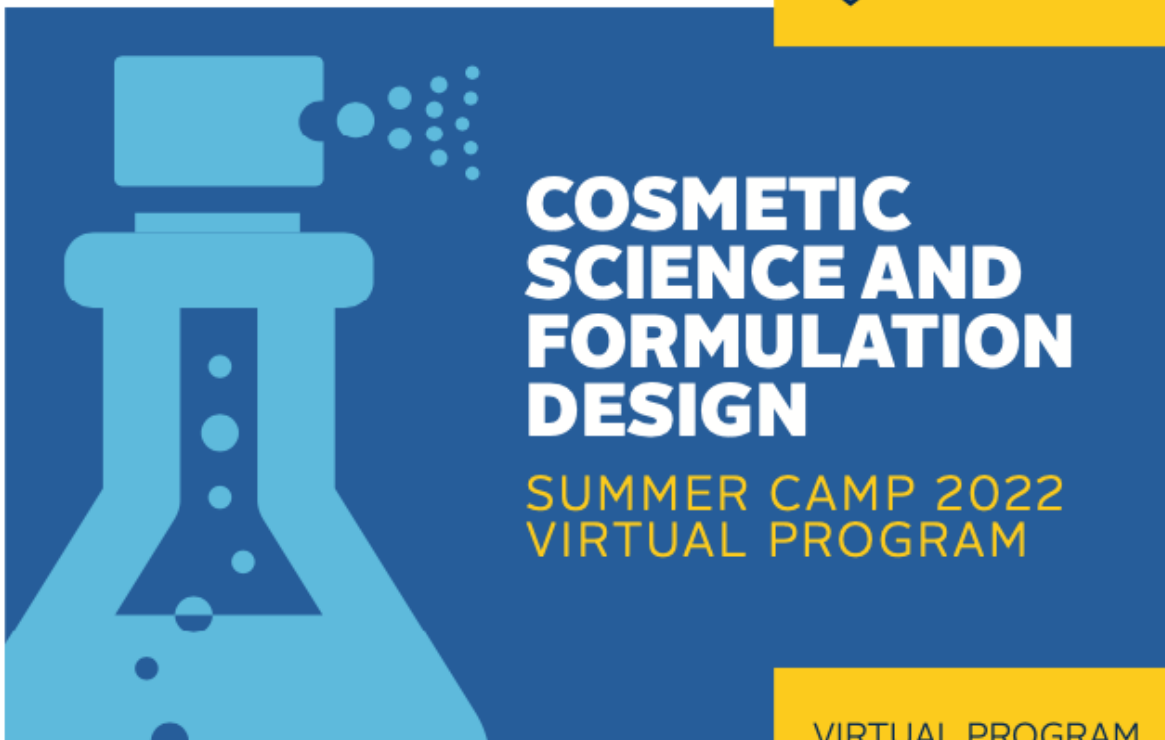
### SILICONES PLUS REPRESENTS:

- ACTIVES INTERNATIONAL
- CLR
- CPN
- GIVAUDAN ACTIVE BEAUTY
- HALLSTAR
- IFF | LUCAS MEYER COSMETICS
- IFF | SOUTHERN CROSS BOTANICALS
- KCC SILICONES
- SILICONES PLUS, INC.

WWW.SILICONESPLUS.COM | 817-469-7777  
INFO@SILICONESPLUS.COM







# COSMETIC SCIENCE AND FORMULATION DESIGN

## SUMMER CAMP 2022 VIRTUAL PROGRAM

### Interested in learning about the process of creating makeup and personal care products?

Join us in our virtual summer camp to discover the science behind cosmetic products, learn more about the profession and experience hands-on fun.

A variety of presenters will host interactive sessions and you'll hear from an alumni panel that will share their academic and career experiences.

Attendees will receive a camp kit with supplies and samples needed for the hands-on portion of their virtual camp experience and a camp T-shirt.

### VIRTUAL PROGRAM DETAILS

**Wednesday, June 22-  
Friday, June 24**

- 11 a.m.-4 p.m. EST
- Cost: \$150
- High school students entering grades 10, 11 or 12

**REGISTER EARLY,  
THIS CAMP WILL  
FILL UP FAST!**



Let's get social

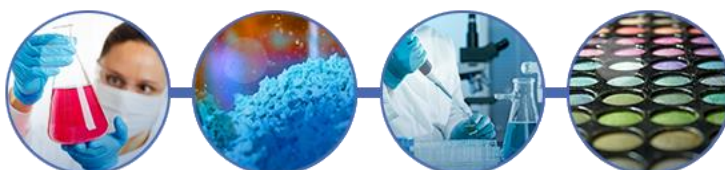
   @UToledoPharmacy

Learn more about the college  
[Utoledo.edu/pharmacy](http://Utoledo.edu/pharmacy)

**FUELING TOMORROWS**



PH 612





**LBB Specialties**

Technical  
Solutions Provider  
in Personal Care

**Our Subsidiaries**

**CENTERCHEM** Dien **Charkit** Chemical Company

*Custom* INGREDIENTS LLC **aic** CustomChemicals

sales@lbbspecialties.com

Your ad can be **HERE!!!** – reach out to Kim Wandell for details  
[Kimberly.wandell@omya.com](mailto:Kimberly.wandell@omya.com)



**NAGASE Specialty Materials**  
Manufacturing **Solutions**. Distributing **Innovation**.

**Scott Markov**  
Key Account Manager  
smarkov@nsm-na.com • 630.248.5873

NSM-NA.com



HARCROS  
Distributor & Manufacturer of chemicals

Raw material recommendations    Sample formulations    Troubleshooting support

Your Definitive Personal Care Solution!

personalcare@harcros.com

## Our mission: To advance cosmetic science

*The Society strives to increase and disseminate scientific information through meetings and publications. By promoting research in cosmetic science and industry, and by setting high ethical, professional and educational standards, we improve the qualifications and caliber of cosmetic scientists.*

*The Society is governed by a 13-member [Board of Directors](#) and operates within the framework established by the adopted [Bylaws](#), [Policies & Procedures](#), and [Code of Ethics](#). Our professional [Staff](#) is dedicated to fulfilling our mission providing exceptional member service.*



We hope you liked this June 2022 addition of the SWSCC newsletter. Please let us know if you have any comments, concerns, questions or anything that you would like to see in it next month. Remember this newsletter is for you!

Thank You,

Kim Wandell  
SWSCC Secretary

