

TWIN CITIES CHAPTER
Society of Cosmetic Chemists

SPRING 2019, VOLUME 74, NO. 1

Dedicated to the Advancement of Cosmetic Science

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TWIN CITIES CHAPTER
-PRESENTS-
2019
HOLISTIC COSMETIC
Symposium
SOCIETY OF COSMETIC CHEMISTS

MARCH 12 & 13, 2019
REGISTER NOW AT TCCSCC.ORG
\$99 FOR TWO FULL DAYS OF EDUCATION

TUESDAY, MARCH 12, 9AM - 5PM

CONTINUING EDUCATION: POLYMERS IN COSMETICS AND PERSONAL CARE PRODUCTS
DR. ROBERT Y. LOCHHEAD, PROFESSOR AND DIRECTOR EMERITUS OF POLYMER SCIENCE
UNIVERSITY OF SOUTHERN MISSISSIPPI

WEDNESDAY, MARCH 13 8AM - 9PM

MORNING SPEAKERS: EDUCATIONAL SYMPOSIUM FEATURING PRESENTATIONS ON A VARIETY OF
TOPICS TRENDING IN NATURAL COSMETICS.

AFTERNOON SUPPLIER TRADE SHOW EXPO: LEARN ABOUT THE LATEST TECHNOLOGIES SHAPING
THE FUTURE OF THE INDUSTRY.

EVENING SOCIAL EVENT AT PUNCH BOWL SOCIAL: SPONSORED BY INDUSTRY SUPPLIERS AND
PARTNERS. MINGLE, EAT, DRINK AND PLAY A VARIETY OF GAMES.

DETAILED AGENDA AVAILABLE ONLINE AT TCCSCC.ORG

DOUBLETREE HOTEL \\ PUNCH BOWL SOCIAL \\ MPLS

HOLISTIC SYMPOSIUM

DAY ONE—CONTINUING EDUCATION

MARCH 12, 2019 9:00-5:00

Polymers in Cosmetics and Personal Care Products

Dr. Robert Y. Lochhead, Professor and Director Emeritus of Polymer Science - University of Southern Mississippi



Polymers represent one of the major classes of materials used in cosmetic formulations. There are a wide variety of polymers used in a broad range of functions in this industry and a basic understanding of polymer structure – property relationships is an essential tool for the cosmetic formulator. This course addresses the need to introduce formulators and suppliers to cosmetic polymers. The course will be a pragmatic overview of polymer science woven into the needs, desires, and aspirations of cosmetic products.

Course participants can expect to emerge from this course with knowledge of the principles of polymers to guide them in the quest to produce products that satisfy customer needs; from product stability to beautification, sensory perception, and ecological awareness. We will consider the reasons for the specific use of polymers in formulations, an introduction to the underlying theory, and information on industry trends with these materials.

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HOLISTIC SYMPOSIUM

DAY TWO—HOLISTIC SYMPOSIUM SPEAKERS

Consumer Perspectives and Trends in Personal Care

Maryellen Molyneaux, President and Managing Partner -NMI

Ms. Molyneaux will share consumer perspectives and trends in the personal care category, including trends in product attribute desires, sustainability issues, who's driving these changes and a review from a recent consumer project in fragrance.

Evolution and Impact of Natural Fragrances in Today's Green and Clean World

Jack Corley, Chief Sales Officer and President Natural Fragrances -Custom Essence

Mr. Corley will take us on a journey beginning with the evolution of natural fragrances. We will explore how recent personal care, beauty care, and home care trends, including regulatory challenges and olfactive demands have impacted this important industry sector.

CO2 Extracts in Cosmetic Care

Mindy Green, Clinical Aromatherapist, Herbalist, Esthetician & Founder -Green Scentsations

Carbon Dioxide botanical extracts are functional substitutes or additions to essential oils and herb ingredients in personal care products. Though some are well known, such as chamomile and calendula, there are many more that can be incorporated as active ingredients. We will explore their uses and applications.

Moving Towards Green and Sustainable Chemistry in Research and Education

Michael T. Wentzel, Ph.D. Associate Professor of Chemistry-Augsburg University

Green chemistry aims to be "benign by design" Chemistry has often been used to remedy hazards and create new technologies and materials but often with a reductionist viewpoint focused on the task at hand. Green chemistry attempts to evaluate chemistry at all levels using a holistic analysis of a chemical process. Our research involves both organic reaction development and the creation of educational materials with polymers. I will present recent findings from our laboratory inspired by green chemistry and its lofty goals. Recently, we have developed procedures with TiO₂ using a flow reactor or microwave irradiation for the synthesis of amides from nitriles and amines. We will discuss a number of green polymers developed using sustainable monomers and non-stringent reaction conditions which highlight cutting edge research in the area of polymer chemistry.

Balancing Skin Microbiome -Fact or Fiction?

Neelam Muizzuddin, Ph.D., President -SCR Consultants

An enhanced understanding of the skin microbiome would gain insight into microbial involvement in human skin disorders and to enable novel promicrobial and antimicrobial therapeutic approaches for their treatment. However, the human skin microbiome varies considerably over time, thus study of the effect of topical agents on skin microbiome is wrought with inconsistencies. There is a deluge of skin care products claiming to "balance" skin microbiome, however, the description of this "balance" is rather nebulous. This talk will provide an overview of skin microbiome, discuss testing methods and whether some claims in this field are fact or fiction.

Natural Preservatives? / Preserving Natural Cosmetics?

David Steinberg, President -Steinberg & Associates

As marketers jump onto the "natural" or "organic" train, formulators are facing the nightmare of complying with their marketing department and the regulations of cosmetics. As NGO's attack the safety of cosmetics, they love to target preservatives and ignore the health effects of contaminated products. Can we satisfy everyone? Let's look at the facts and see. Subjects which you will hear about include: What is natural? Are there natural preservatives? What do the FDA and FTC have to say on this subject? Will "free of" destroy our industry? Why HACCP and Water activity are critical. Will there be new preservatives? What are "boosters"?

SCC TWIN CITIES CHAPTER CHAIR CHAT



Hello Twin Cities Chapter members!

As scientists, we know that learning never ends. And, to me there's no better place to challenge our thinking and explore new ideas than in community with other scientists. The presentations and discussion at local and national SCC meetings and events can frame new ideas, shape our perspective, encourage creativity and stimulate innovation. Whether you have been attending SCC educational meetings for years, or are new to cosmetic science, we welcome you to join us in 2019, as there are many fantastic opportunities to learn and grow.

We kicked off the year with a presentation from Steven Puleo, VP of R&D for Koster Keunen who talked about the challenges of developing natural formulations and highlighted some unique functionalities of natural lipids. A relevant topic for many of us in the Twin Cities; we had a great turnout and lots of questions and answers. In

March, we are thrilled to present the 9th Biennial Holistic Cosmetic Symposium. Feedback from our members inspired some updates that we are excited to showcase at this year's first-ever 2-day event, which will also be held at a new venue (DoubleTree by Hilton Mpls -Park Place). Day 1 (March 12th) we welcome Dr. Robert Lochhead back to the Twin Cities for a full day continuing education course on Polymers in Cosmetics and Personal Care. Day 2 (March 13th) features a world-class line up of speakers on Consumer Trends, Natural Aromatics, Botanicals, Green Science, Skin Microbiome and Preserving Natural Cosmetics, followed by a Supplier Expo & Poster Session, and evening social event at Punch Bowl Social. Please see details in this newsletter, and pre-register on our website tccsc.org, as you won't want to miss this rare opportunity!

In April, we'll continue on the Natural theme with a presentation on sustainability from Alejandra Camacho, Ph.D. from Croda. Then in June, we'll hopefully hit all the fairways and sink all of our puts at our well-attended Golf Outing at beautiful Bunker Hills. Fall plans include a special event in September still being planned, and in October, we welcome guest speaker Dr. Joy Roederer, Vice President of Research and Development for Integrity Ingredients Corporation. November brings new board member inductions and December a Holiday Party rounds out the year. This year, the annual SCC meeting in NYC will be held a week later than usual -December 16 - 18 at the Sheraton Midtown, the same great new venue as in 2018.

As a non-profit organization, our mission is to promote and serve our community of scientists in cosmetics and related industries, and to encourage research and innovation. We strive to uphold high ethical, professional and educational standards, and to positively influence and invite the next generation of cosmetic scientists. Please join us -we look forward to seeing you, and to learning and growing together.

Thank you,

2019 TCC-SCC Chair



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MEET THE 2019 TCC-SCC OFFICERS

MELISSA CHRISTENSON — CHAIR

As Founder & Principal Consultant of Bridge, Inc., a Product Design & Development company, I leverage my broad experience in R&D, Brand Strategy and General Management to "bridge the gap" between Sales/Marketing and R&D/Operations. I earned a BA in Chemistry from St. Olaf College and an MBA in Marketing from the University of Minnesota Carlson School of Management, and have been fortunate to learn from and work with innovators and visionary leaders in the health/beauty industry over the past 20+ years on brands including Aveda, Intelligent Nutrients, J.R. Watkins, St. Ives and Aussie.

My role as a Consultant is to help organizations design, develop and deliver new products that meet their strategic priorities, and manage risk with accelerated timelines. My unique background in both R&D and Marketing allows me to facilitate communication and cultivate collaboration between two groups that don't always speak the same language.

Aside from Consulting, I enjoy time with my husband and two high-school aged boys, where we work and play on our horse ranch in Buffalo, MN.

We have a lot of exciting events and programs planned this year. I look forward to seeing you!



JIM VLASIC — CHAIR-ELECT

Back for another term as an officer of the Twin Cities Chapter of SCC.

I graduated with a BS in Chemistry from Carnegie-Mellon University, Pittsburgh, PA - we won't mention the year but . . . it was a long, long time ago in a galaxy far, far away. After a few years of working in the real world, I completed a Masters in Business from Robert Morris University, Pittsburgh, PA. And yes, I am a Steelers fan.

Currently, I am Director of Research and Development, at Greenway Research Lab in Burnsville, MN. At Greenway we create custom hair and skin care products for the Salon Industry. Prior to joining Greenway, I worked as Director of R&D at Tsumura International, Product and Process Development Manager at Tiro Industries, Chemist at LaMaur/Dowbrands, and Chemist at Roffler Industries. My expertise is in product development from concept to commercialization and includes formulation R&D, QA/QC, regulatory, process scale up, and manufacturing.

Away from work, I live in Eden Prairie, MN with my wife Debbie. We are extremely pleased that our son and daughter have both completed their BS degrees (UND and UMN respectively). I also enjoy growing orchids, daylilies, and gesneriads (African Violets are gesneriads) and I have named and registered an orchid hybrid.



MEET THE 2019 TCC-SCC OFFICERS

MARISA PLESCIA — SECRETARY

Originally from South Pasadena, CA, I have wanted to be a Cosmetic Chemist since childhood! After obtaining a B.S. in Biochemistry from Santa Clara University in 2011, I focused my postgraduate studies on my goal of cosmetic chemistry. I completed the online cosmetic science master's program at the University of Cincinnati in 2015, earning a M.S. in Pharmaceutical Science with an emphasis in Cosmetic Science. Always wanting to learn more and experience as much as possible, I then decided to continue my cosmetic science education internationally and I enrolled in ISIPCA (Institut Supérieur International du Parfum de la Cosmétique et de l'Aromatique) for their European Fragrance and Cosmetic Master program. While living in Versailles, France and Padova, Italy, I studied the evaluation, formulation, marketing, and management of cosmetics and fragrance. I graduated in 2017 with a dual degree: M.Sc. European Fragrance and Cosmetics and a Master of Business and Management (MBM) specializing in the fragrance and cosmetic industry. I not only enjoy the formulation of cosmetic products, but also the product development and R&D/business strategy. Additionally, I have a M.Ed. in Secondary STEM Education from University of Southern California, which I utilized by working as a high school chemistry teacher and Department Head of Science at a private school from 2011-2015. Since 2017, I have worked as an R&D Chemist at Bell International Laboratories in Eagan, MN. In my free time, I love to dance all styles of dance, including ballet and modern, teach/mentor, and explore the world through travel.



JUSTIN STEINKE — TREASURER

After graduating from Saint Mary's University of Minnesota with a B.A. in Chemistry, I started work as an analytical chemist at Pace Analytical Life Sciences in both the R&D and Finished Products group, where I grew my experience on a variety of analytical instruments. I then moved into an R&D formulation position at Apex International Manufacturing, Inc., working as technical expert for clients and account managers in both formulating and on-boarding formulations for multiple clients on a variety of production scales. A large portion of my time at Apex was also spent working closely with the compounding staff on all levels as process engineer to develop and modify manufacturing procedures for an array of formulations, from o/w and w/o emulsions to surfactants to anhydrous systems. I currently manage the R&D department at The JR Watkins Company in Winona and am working with formulations in many areas, including home care, personal care, OTC's, HI&I and Food. Watkins manufactures both in house at their head-quarters in Winona and contracts out a variety of formulations to multiple CM's. I work closely with CM's as well as in house staff to manage manufacturing procedures, bulk and finished goods specifications, stability of products, OOS investigation, and the on-board process at our CM's.



I have been a member of the SCC for over 5 years, during which I have served on the TCC-SCC Board as Secretary, Chair-Elect, and Chair. I look forward to continuing my term as Treasurer in 2019.

SCC TWIN CITIES CHAPTER NEWS

Mark your Calendar!

TWIN CITIES CHAPTER EVENTS

FEBRUARY 19, 2019

Twin Cities Chapter meeting
Steven Puleo, VP R&D, Koster Keunen
The Happy Gnome, St. Paul, MN

MARCH 12 & 13, 2019

Ninth Biennial Holistic Cosmetic Symposium
Double Tree Mpls-Park Place, St. Louis Park, MN

APRIL 16, 2019

Twin Cities Chapter meeting
Sustainability Revisited
Alejandra Camacho, Ph.D., Croda
Location: TBD

JUNE 24, 2019

Twin Cities Chapter Annual Golf Outing
Bunker Hills Golf Course

SEPTEMBER 17, 2019

Twin Cities Chapter Meeting
Location: TBD

OCTOBER 22, 2019

Twin Cities Chapter meeting
Dr. Joy Roederer, VP R&D
Integrity Ingredients
Location: TBD

NOVEMBER 19, 2019

Twin Cities Chapter meeting
Officer Installation
Location: TBD

DECEMBER 10, 2019

Twin Cities Chapter Holiday Party
Location: TBD

DECEMBER 16-18, 2019

73rd Annual Meeting
Sheraton Midtown, NYC

2019 MEMBERSHIP RETENTION CONTEST

The National SCC hosted a Membership Retention Contest. The chapters who attained the highest percent membership retention were given a monetary award. The Twin Cities Chapter won 2nd place, achieving 87% member retention and was awarded \$1000.



Student Membership:

NEW student memberships are free for 2019. Application forms should be sent directly to Colleen Daddino (cdaddino@sconline.org) in order to have the dues waived.



Join or follow the Society of Cosmetic Chemists—Twin Cities Chapter on LinkedIn. Find out what's happening in our chapter and in the industry.

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SCC NATIONAL OFFICE NEWS



EXECUTIVE COMMITTEE

Last year during the 72nd Annual Scientific Meeting, held at The Sheraton NY Times Square, the 2019 Board of Directors of the Society of Cosmetic Chemists was officially installed.

Your board for the current year are:

- Kelly Dobos** (Sun Chemical), President
- Mindy Goldstein** (Mindy S. Goldstein, Ph.D. Consulting) ,VP
- Liz Streland** (Croda), VP-Elect
- Michelle Hines** (Mary Kay, Inc.), National Secretary
- Mark Chandler** (ACT Solutions), National Treasurer



BOARD OF DIRECTORS

Rounding out the Board and serving as Area Directors are:

Senior Director **Kimberly Burch** (Elementis Specialties) and newly elected **Patricia Singh** (Seppic Inc /Air Liquide Healthcare Specialty Ingredients), serving Area I.

Senior Director **Yulia Park** (Amway) and newly elected **Christine Daraska** (Croda), serving Area II.

Senior Directors **Karen Chun** (Symrise, Inc.) and **Jacklin V. Hoffelt** (SNF Holding Company), serving Area III.

Senior Director **Dennis Abbeduto** (Colonial Chemical) and newly elected **Michelle Linscott** (Xytrus), serving Area IV.

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INDUSTRY EVENTS

Mark your Calendar!

Personal Care Products Council Annual Meeting

February 24 - 27, 2019

The Breakers, Palm Beach, Florida

www.personalcarecouncil.org

PCPC Legal & Regulatory Conference

May 1 - 3, 2019

St. Anthony Hotel, San Antonio, TX

www.personalcarecouncil.org

In-Cosmetics Global

April 2 - 4, 2019

Paris, France

www.in-cosmetics.com

NYSCC Suppliers' Day

May 7 - 8, 2019

Javits Convention Center, New York, NY

www.nyscc.org

Sustainable Cosmetics Summit

May 8 - 10, 2019

New York

www.sustainablecosmeticssummit.com



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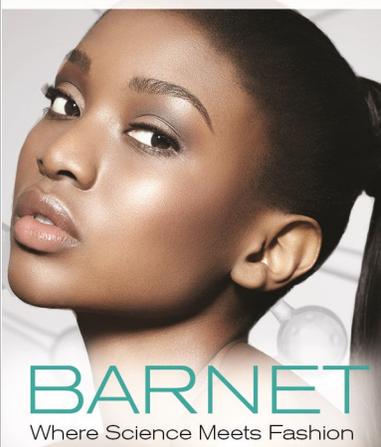
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Research & Development Chemist

A Research and Development Chemist will have the capability to formulate a variety of cosmetic products to meet regulatory and client requirements. They will be knowledgeable about production scale up and processing requirements. They will have communication and documentation skills to advance projects and meet professional requirements. A Research and Development Chemist has advanced formulation knowledge and technical experience. <http://bellinternational.com/careers>



Senior Scientist Hair Biology

Lead an innovative research program within a multifunctional environment focused on the development and implementation of biological assays in order to understand mechanisms of action and to identify the most promising next-generation actives. Work with teams on upstream technology discovery, including identification of novel biological targets and technologies for skin and hair breakthrough benefits. www.elcompanies.jobs



Senior Scientist Hair Color

This position is for a skilled individual contributor, reporting to the Director of Hair Color. They will demonstrate collaboration and deliver sustained important contributions for new launches and product improvements. They will independently work projects in a highly collaborative environment. They should be knowledgeable in the hair color category with technical depth and previous experience. This person may supervise a technician or temporaries. www.elcompanies.jobs

Associate Scientist

This is an entry level research position in hair color formulation. This position will require a motivated individual that demonstrates strong collaboration and communication skills. Daily activities includes researching raw materials, bench formulation work, analytical instrumentation, analysis and stability work on hair color formulations. www.elcompanies.jobs

Analytical Senior Technician

This position will be primarily focused on working with the analytical team in Hair Innovation – analytical subgroup. All work must be executed in a scientifically sound, safe, and timely manner following good laboratory practices as well as good documentation practices.

Senior Chemist Job ID: R00077044

The Senior Chemist will contribute to the effectiveness and productivity of the Ecolab Sales and Service organization through the accurate and efficient delivery of technical information needed to serve Ecolab's customers. In this role, the Senior Chemist will deliver service to cross-divisional corporate sales and service forces across North America as well as APLA, MEA, Australia, etc. including phone consultation with field associates on more complex issues. The position will contribute to new systems development, training materials development, training of lab staff, and resolution of product and equipment quality problems as appropriate. www.jobs.ecolab.com



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