

TWIN CITIES CHAPTER

Society of Cosmetic Chemists

SPRING 2016, VOLUME 71, NO. 1

Dedicated to the Advancement of Cosmetic Science

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March Meeting Announcement: March 15th at Stella's Fish Café

We are very excited to welcome Ashraf Hossain. Ashraf is a Business Scientist at Ingredion (see Bio and Abstract on page 2). Below is the topic and details for the meeting. Please RSVP by March 11th.

Title:

A new bio-based deposition polymer: A comparative performance assessment versus traditional cationic polymers.

When:

Tuesday, March 15th
5:30-6:00 Social
6:00-7:00 Dinner
7:00-8:00 Presentation

Where:

Stella's Fish Café
1400 West Lake Street
Minneapolis, MN 55408
<http://www.stellasfishcafe.com/stellasfishcafe/>
612/824-8862



Menu:

Preselected menu (order will be taken upon arrival)

Cost:

\$30 (members)

\$35 (Non-members)

Payments can be made at the TCCSCC website (www.tccscc.org) or at the door.

RSVP:

Please call Twin Cities SCC Hotline @ 763-951-4083 to RSVP by March 11th. If RSVP is after the 11th, please contact Debbie Carroccio at: Debbie.Carroccio@univarusa.com

SCC Twin Cities Chapter March Meeting (cont.)

Abstract:

For several decades, formulators have used a variety of cationic polymers to condition and promote deposition of silicone or other benefit agents in rinse-off products. A novel naturally-based deposition polymer - Starch Hydroxypropyltrimonium Chloride (SHC) – (patent pending) will be introduced. Cleansing formulations based on SHC provide excellent clarity, little to no color and a high degree of bio-based content. In these applications, SHC imparts excellent conditioning benefits on hair and skin.

This presentation will describe quantitative and qualitative evaluations of prototype shampoo, body wash and lotion formulations containing SHC or traditional polymers such as Polyquaternium-10 and Guar Hydroxypropyltrimonium Chloride. Combing tests conducted at a third party laboratory clearly shows that SHC reduces wet combing force by approximately 50% as compared to Polyquaternium-10. It shows the highest silicone deposition efficiency from a simple SLES/Betaine system. In skin care applications, SHC-based body wash leaves the least amount of residue on skin after rinsing and imparts a powdery with a low waxy and silicone-like after feel.

Bio:



Ashraf Hossain is one of those people 'getting things done' and driving results – through collaboration, partnerships and relationships – as a Senior Manager in the consumer products industry. His enthusiasm and 'can do' attitude radiate a sincere passion for delivering value and benefits to his customers.

Ashraf has more than 15 years of experience in personal care products, and he is currently working at Ingredion as a Business Scientist. Less than two years at Penford, he launched the company's first personal care ingredient - PenCare™ DP and co-invented cationic substituted starches (62/036,079). Prior to joining Penford (now formally Ingredion), Ashraf worked at Unilever and Alberto Culver. His formulations are used in TRESemme, Nexxus and Motions. His research and formulations have contributed millions of dollars to the bottom-line at Alberto Culver. At Colomer USA (Revlon), he was instrumental in building the #1 Men's line, American Crew.

Ashraf earned his BS degree in Polymer Science from the University of Southern Mississippi (USM). He researched personal care ingredients under the direction of Professor Robert Lochhead at USM. He is the co-inventor of "Use of Herbs in Hair Relaxation" and a 2005 Crane Award winner. He has been a member of the Society of Cosmetic Chemists (SCC) since 1996. Recently, he presented a technical poster to the 69th SCC annual meeting. He considers himself an application leader with the ability to mold technologies into new opportunities in the marketplace.

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SCC Twin Cities Chapter Chair Chat



It is a great honor to chair the 2016 Twin Cities Chapter of the Society of Cosmetic Chemists, and I thank all of you for the opportunity to serve this year. I have also had the opportunity to serve as Secretary and Chair elect these past two years, and have found both my membership in the chapter, as well as holding positions on the board to be a wonderful experience. Again, I want to thank the chapter for the confidence and opportunity to participate as part of the leadership of our chapter these past two years, and throughout the coming year.

I would also like to thank our 2015 board, Secretary Gabrielle Damjanovic, Treasurer Bronson Damjanovic, and Chair Smita Fulzele for their service on the board. Their time commitment and devotion to making 2015 a success is greatly appreciated. On behalf of the chapter, thank you so much.

In addition to the 2015 Board, I would like to thank the incoming 2016 Board for their willingness and commitment to step in and carry the torch in 2016; Secretary Samantha Anderson, Treasurer Brandie Johnson, and Chair Elect Samantha Guertin. I would

be remiss if I didn't mention a few volunteer positions held for several years running; House Organizer, Debbie Carroccio, who has been organizing and booking the great venues we meet at, keeping the meetings varied, fresh and well catered. Chad Pavlis has also been a key part of the chapter, creating and editing the TCCSCC Newsletter, creating and maintaining our website, and has been known to capture many of the candid photos at monthly events that are found in the Newsletter and on the website. Chad and Debbie put a great deal of time into the chapter and do it year after year and are much of the time behind the scenes, so please know they are loyal and dedicated to the chapter, and have been for quite a long time.

I look very forward to working with the entire 2016 team and continuing to work on creating greater visibility to our chapter in an effort to bring in more participation and collaboration, further improving the health of the chapter for years to come.

With the year well underway, we had a great technical presentation in February by Jeffery Ting from the University of Minnesota, Department of Chemical Engineering and Material Science. His research on structural-property relationships between polymers and small molecules in the area of oral drug delivery was fascinating, and may very well find application in topical application in the cosmetic and OTC space. We will continue to focus our efforts on finding speakers that are technical experts in their field of study to present upcoming technologies being studied in our effort to keep our members aware of the future and possibilities of application in our field. We already have lined up for the months of March and April two more great technical presentations that we look very forward to. The schedule for the remainder of 2016 TCCSCC meetings can be found later in the newsletter.

Speaking of the newsletter, I would like to highlight an addition to the TCCSCC Newsletter, where the board would like to recognize one member per issue in a segment we are calling the "Membership Spotlight". This was added to the National SCC Newsletter, and we thought it a great idea to both promote our membership locally as a way to recognize our active members, as well as tell the story (or part of that story) behind how members



SCC Twin Cities Chapter Chair Chat (cont.)

found themselves in the field of cosmetic chemistry. This will not only be a fun way to learn about each other, but may help up and coming members/prospective members better find their way into our industry.

Along with great speakers and presentations, we also like to make sure there are some entertaining social outings in the calendar, as has been the tradition of the chapter. We will be holding the annual TCCSCC Golf Outing at Bunker Hills Golf Course this year in late June, the third annual Mississippi Boat Cruise Poster Session in September in Downtown Minneapolis, and the annual TCCSCC Casino Night Holiday Party in December at The Radisson Hotel in Roseville. These events are great ways to spend time with friends and colleagues and network, all while enjoying food, drink, and entertainment.

The 2016 year also brings to the United States the IFSCC. The international meeting will be held in Orlando, FL on October 30-November 2. The SCC National Meeting usually held in December in NYC will not be held, holding the IFSCC as the national and international meeting as a “two for one” event. Rooms are blocked off for the IFSCC and are currently available for reservation. See the SCC National Website at www.sconline.org.

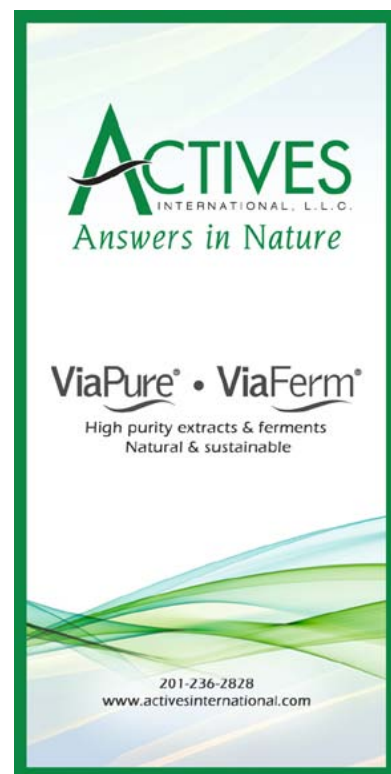
In an effort to reach out to a larger audience, a TCCSCC Linked In account has been created. We will be posting about upcoming meetings, links to speakers, and information about events connected to the SCC. We currently have 69 people linked with our chapter's account, so if you haven't already, please find us and link to the chapter. Also, tell your colleagues and business contacts so we can get the word out about upcoming events and work toward increasing membership in our chapter. The name of our Linked In profile is: Society of Cosmetic Chemists – Twin Cities Chapter. Also, don't forget to visit the TCCSCC website at www.TCCSCC.org for current information on the chapter, and as a way to sign up and pay for monthly meetings and sponsorships.

On behalf of the 2016 Twin Cities Chapter of the Society of Chemist Board, we look forward to an exciting, educational, and fun year. We hope to see all of you at as many meeting as you are able to attend. The chapter truly relies on each of you to be active and participate in the chapter, attending meetings and providing the board with feedback. We welcome any ideas to improve the chapter, working toward strengthening membership and participation year after year. We truly thank you, our members, for keeping the Twin Cities Chapter a relevant and vibrant part of the network of SCC chapters.

Thank you,

Justin Steinke

2016 TCCSCC Chair



Mark your Calendar!

UPCOMING MEETING DATES FOR 2016

MARCH 15, 2016

A New Bio-based Deposition Polymer

Ashraf Hossain - Ingrezion

Location: *Stella's Fish Café*

Minneapolis, MN

APRIL 6, 2016

SCC Midwest Chapter Teamworks 2016

Technical Sessions: 8:30 AM-12 PM

Teamworks Expo: 12-6 PM

Donald E. Stephens Convention Center

Rosemont, IL (Chicago)

Social Night April 5, 2016

APRIL 19, 2016

Functional Aliphatic Polyesters from Renewable Resources

Debbie Scheiderman - University of Minnesota

Location: *Kip's Irish Pub*

Minneapolis, MN

MAY 2016

No Meeting

JUNE 27, 2016

Annual Golf Outing

SEPTEMBER 20, 2016

Annual Supplier Poster Session and Boat Cruise

OCTOBER 2016

No Meeting

OCTOBER 30 - NOVEMBER 2, 2016

29th Congress of the IFSCC

Location: *Dolphin Hotel Resort*

Orlando, FL

NOVEMBER 15, 2016

Monthly Meeting & Officer Installation

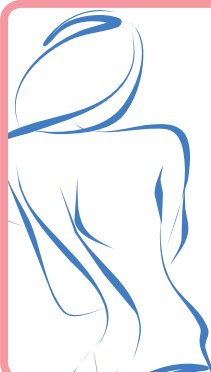
DECEMBER 13, 2016

TCCSCC Holiday Party

Abstract for April 19th Meeting:

Functional Aliphatic Polyesters from Renewable Resources.

An important goal of contemporary polymer research is to create sustainable replacements for traditional petroleum-derived nondegradable synthetic polymers. In this talk I will first give a brief overview of work by researchers at the Center for Sustainable Polymers to design and create renewable, functional, and degradable materials for a variety of applications. I will then focus on the development of new bioderived aliphatic polyester, Poly (β -Methyl- δ -Valerolactone) (PMVL). Specifically, I will describe how PMVL polyols can be incorporated into a wide array of materials including, elastomers, adhesives, plastics, and foams. I will also discuss how changes to aliphatic polyester structure relate to several key physical parameters that influence material performance.



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Meet Your New Officers for 2016

JUSTIN STEINKE - CHAIR

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 instrumentation experience ranging from HPLC, GC, and ICP-OES, both preparing and executing single and multiple peak analyte test methods. 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.

Currently, I head up the R&D department at Watkins, Inc. 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.



SAMANTHA GUERTIN - CHAIR-ELECT

I graduated from the University of Minnesota – Twin Cities, College of Science & Engineering, with a Bachelor of Science in Chemistry as well as a minor in Latin American Studies with emphasis on Spanish Linguistics.

As a sophomore I began my industry experience at 3M within the Renewable Energy Division where I maintained the positions of Conservation Research & Development Technical Aide and Laboratory Technician. While at 3M, I conducted research on UV curing polymerization, chemical coating analysis, acrylate formulation and application on a pilot plant scale operation. In addition, I have maintained a position as a Peer Counselor at the Career Center for Science & Engineering - University of Minnesota, where I communicate and strategize with university peers about specific techniques on networking, career paths, and interview preparation within the science and engineering fields.

I am currently an Associate Formulation Scientist within Skin Care at Aveda where I have had the opportunity to work on various formulations including cleansers, lotions, scrubs, masks and toners.



Meet Your New Officers for 2016 (cont.)

SAMANTHA ANDERSON - SECRETARY

I'm very excited to work closely with the Twin Cities Chapter of the SCC as Secretary this year. I have been a member for over ten years and have enjoyed all that the SCC has to offer as far as professional development and networking. I currently work at Aveda as a Senior Formulation Scientist where I work to develop both Retail and Professional Skin Care products. I have been working in Skin Care for over ten years and I love being able to create new innovative products.

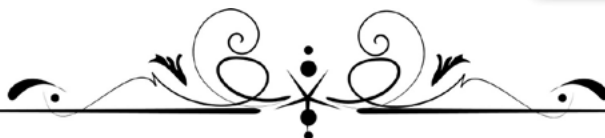
In my spare time, I love enjoying the Minnesota summers by camping, boating and exploring the outdoors with my family. I'm looking forward to a great year with the Twin Cities SCC!



BRANDIE JOHNSON - TREASURER

I earned a B.S. in Biology from St. Cloud State University and I am currently in progress earning my Master's in Biological Sciences from the University of Minnesota. I started my personal care career in 2002 as a bench formulator for Aveda and have developed an array of formulations, from o/w and w/o emulsions to surfactants, anhydrous systems and OTC's.

I am currently the Director of R&D Hair Care Innovation for Aveda/ Estee Lauder Companies, developing new technology and products for the future of hair care. I have been an avid member of the Twin Cities SCC for the past 12 years holding several chapter executive board positions. I am also active in the ACS and CEW. In my spare time, I enjoy spending my time with family and friends, traveling, and outdoor activities.



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Pictures from the 2015 Holiday Party



Pictures from the 2015 Holiday Party (Cont.)



Spring TCC-SCC Member Spotlight

Name: Jim Vlasic

Occupation Title: Director Research & Development

Employment Company: Greenway Research Lab

Member Since: 1977

Region, Chapter: Region 3, Twin Cities Chapter



What made you pursue a career in the cosmetics/personal care industry?

I was always interested in something consumer goods related and they do need chemists in the pickle industry. However truth be told - it was pure luck! Graduating with a BS in Chemistry and not yet employed, I went to the Carnegie-Mellon University placement office to see who was looking for chemists. There was this company, Roffler Industries, that was 7 miles from home and I went for an interview. Unbeknownst to me, one of the owners of the company went to high school with my parents and had given me my first haircut. Needless to say, I was hired before I even got to the interview.

What is the favorite part of your job?

I thoroughly enjoy the creative process of assembling various percentages of raw materials and ending up with a finished product. It is quite rewarding to me to see products that I have created being used in major salon chains across the country.

What has been your most recent professional accomplishment?

Being a member of COSA and being chair of COSA for my third year on this SCC committee. It is quite the process to pick speakers for the national meetings and I was able to meet and work with some "very well known" individuals in our industry.

How has membership in the SCC been of value to you?

To me it has been priceless. Through monthly meetings, seminars, and national meetings, I have been able to increase my knowledge not only of raw materials but also how to effectively formulate and then test for efficacy. I was once told that you only need to learn one thing to make the meeting/event worthwhile.

What advice would you give your younger self who is just starting out in the industry?

Always have a plan, continue to work that plan and reevaluate it every five years or so. Seek out new experiences and continue to learn new things. You never know what experience will someday lead you down your eventual career path. Serendipity!

What is a fun fact about yourself, outside of the SCC and your professional life?

I grow things. Plants in general. Orchids, daylilies and African violets to be more specific. I like the challenge of getting them to bloom and have been working on hybridizing them. I have named/registered one orchid hybrid with RHS at Kew Gardens and would like to do more. This thing called work continually interferes with my hobby . . . but retirement is getting closer and closer. :)

Midwest SCC Teamworks 2016

New colleagues are waiting, new concepts abound and innovations are within reach — discover them in Chicago. The Midwest Chapter Society of Cosmetic Chemists (SCC) will host TEAMWORKS 2016, the premier exhibition for formulators among the specialty chemical allied trades, on April 6, 2016, at the Donald E. Stephens Convention Center in Rosemont, Illinois—conveniently located near O'Hare International Airport.

Chemists, chemical buyers, engineers and technologists in the cosmetic, personal care, home care, pharmaceutical and other allied industries will mingle among 100+ booths representing prime technology suppliers in the industry. TEAMWORKS 2016 is an opportunity to gather for an exciting learning experience, and to foster friendships in a bond of cooperation and success.

Education, Innovation & Networking are key focal points during this event. The 2016 Technical Symposium is a half-day educational session that will highlight the latest product launches to give formulations an added edge, and technology exchanges will occur throughout the exhibition. Networking opportunities will also abound—grab a colleague during the buffet luncheon, sit down together and debate product development strategies. Arrive a day early to network during the Social Night with some of the great minds in the industry. For more information about Teamworks, contact the Teamworks Business Office at 630-268-0656, or e-mail: teamworks@midwestscc.org.

MIDWEST SCC TEAMWORKS'16

The premier industrial trade show for the personal and home care industries in mid-America.

APRIL 6, 2016

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NEXTGEN To Bridge the Gap Across Professional Levels

Last year the society introduced a critical initiative, SCC NextGen, that will offer the necessary skills and training needed for career advancement. NextGen was designed to help young professionals (with less than 5 years of industry experience) and students further their education, so that they may attain successful and rewarding careers. NextGen will provide registrants with the confidence to enter the workforce knowing that their education and training are aligned with workforce needs and that they have the support of fellow colleagues.



The society plans to accomplish this mission by:

1. Presenting critical Education tracks at meetings and events (eg. Critical Thinking & Innovation, Basic Cosmetic Science, Introduction to Polymer Science and Its Applications).
2. Networking at national meetings and events.
3. Coordinating small group projects where Mentees and Mentors engage in a technical area of shared interest. The goal for the Mentee is to present a paper or organize a workshop in the second year of program.
4. Collaborating with universities to supplement the education of their students. All colleges/universities participating in the NextGen program are eligible to provide students with their first year of membership for free.

Please contact the SCC National office at scc@scconline.org or call (212) 668-1500 for more information on how you or your university can get involved. All are welcome and encouraged to join!

Our official launch will take place April 20-22, 2016 at the Carolina Chapter, Naturally Kiawah.

Course: SCC NextGen 101

Instructor: Mark Chandler; ACT Solutions Corp.

SCC NextGen is a new series of courses designed for those who are new to the cosmetic industry as well as those who are more seasoned but who would like to expand his or her knowledge of the basic concepts underlying the technology of the personal care industry. The NextGen 101 CEP Course will present in a one-day course a basic overview the basics of hair care, sun care, skin care and much more. This course is intended to enable the attendee to navigate additional SCC courses of interest for subsequent CEP courses.

Naturally Kiawah Symposium Kiawah Island, SC April 20 - 22, 2016

FOR ADDITIONAL INFORMATION

Michelle Linscott - michelle@xytrus.com

Maureen Danaher - mdanaher@ActiveConceptsllc.com