

# The SCC Ontario Chapter's Newsletter

135 Shuh Avenue Kitchener, ON, N2A 1H4

January 2014

Volume LXI

#### **2014 Ontario Chapter Officers**

#### Chair

Andrea Boylan
Andicor Specialty Chemicals Corp.
590 Abilene Drive
Mississauga, ON L5T2T4
Ph: (905) 795-0911
Fax: (905) 795-0912
andrea.boylan@andicor.com

#### **Chair Elect**

Dorothy Maraprossians Unipex Solutions 6660 Financial Drive Mississauga, ON L5N7J6 Ph: 905-601-8766 Fax: 905-812-0672

dorothy.maraprossians@unipexsolutions.ca

#### Secretary

Monika Melao Charles Tennant & Company 34 Clayson Rd. Toronto, ON M9M 2G8 Ph: (416) 741-9264 Fax: (416) 741-6642 mmelao@ctc.ca

#### **Treasurer**

Gary Baker GE&B Marketing 135 Shuh Avenue Kitchener, ON N2A 1H4 Ph: 519-896-1168 Fax: 519-896-7350 gary@geandb.com

#### **Directors Area II**

Bart Maxon Ph: 989-496-3035 Fax: 989-496-5508

bart.maxon@dowcorning.com

Perry Romanowski Brains Publishing Ph: 708-207-7642 Perry.romanowski@gmail.com

#### **Past Chair**

Zohreh Fakhim Univar Canada 64 Arrow Road, North York, ON, M9M2L9 Ph: (416) 740-5300 Fax: (416) 740-2227 Zohreh.Fakhim@univarcanada.com

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# SCC ONTARIO CHAPTER MEETING

THURSDAY FEBRUARY 6TH, 2014

"Effectiveness Through Targeting: Using Delivery Systems in Cosmetic Products" -Arnoldo Fonseca

## PRE-REGISTRATION IS REQUIRED FOR THIS MEETING

If you prefer you can reserve a spot by email or fax. Send us a note that you will be there. We will confirm receipt of your reservation. You can then either bring the payment with you or put it in the mail. Please make your reservation prior to February 3rd, 2014.

#### Please note:

Should you register and not attend you will be invoiced the meeting fee.

Students must have their payment in by Monday prior to the meeting. To make your reservation today contact Gary at:

 ${\tt gary@geandb.com}$ 

or by fax at (519) 896-7350 OR on-line at: http://www.ontarioscc.org/registration.htm

# SCC ONTARIO CHAPTER MEETING

"Effectiveness Through Targeting:
Using Delivery Systems in Cosmetic Products"
-Arnoldo Fonseca

THURSDAY FEBRUARY 6TH, 2014

Location: The Venetian Banquet & Hospitality Centre

219 Romina Drive, City of Vaughan, ON, L4K 4V3 (tel: 905-264-9960)

Time: 5:00 p.m. Cocktails

6:00 p.m. Dinner

7:00 p.m. Presentation

8:00 p.m. Adjournment

Fees: \$45 pre-paid SCC member

\$55 pre-paid non-member

\$10 pre-paid student

\$60 at the door



### ABSTRACT:

In the search to meet consumer demand for effective anti-aging products, formulators are increasingly adopting solutions that leverage ingredient delivery technologies. Such technologies can enhance the effectiveness of an active by better controlling its trajectory once applied to the skin or hair as well as by improving other qualities such as stability or solubility. This presentation will summarize a range of delivery technology options, from those focused on delivery to the skin surface to those delivering ingredients deep into the skin layers. Each form of delivery as well as underlying technology has its benefits and trade offs, and a better understanding of these subtleties can help formulators to design products that work in the way expected.

## BIO:

Arnoldo Fonseca is the Americas Regional Market Manager for Personal Care at Air Products and Chemicals, a U.S. based Fortune 500 industrial gasses and chemicals firm. Air Products' portfolio includes both specialty polymers and delivery system-based active ingredients, the latter obtained through the acquisition of ROVI Cosmetics GmbH in 2012. Arnoldo has co-authored articles in trade journals including Cosmetics & Toiletries and Personal Care Magazine and actively participates in the SCC. Prior to his present position he held multiple roles within Air Products and at various consulting firms focused outside of the cosmetics industry, and has a business and systems engineering educational background.

# A farewell message from the Chair......

My term as the Chair for 2013 has come to an end. The year has gone by so quickly, it is hard to believe it is over. We had a really busy year in 2013. We started the year off with an evening meeting in February. We enjoyed Julia Hernandez's presentation on the Hair Care market. During the Cocktail hour we also had poster presentations given by our 2012 scholarship honoree



Cendy Wang on "Petroleum-Free Structured Emulsion for Cosmetic Applications". In March, we hosted a full day event education day instructed by Randy Wickett on the topic of "Advanced Skin Science". We were able to offer this course free of charge to all SCC members. The spring closed off with an evening meeting in May, at which Perry Romanowski spoke on Skepticism and the Cosmetic Chemists. In July we had our 13<sup>th</sup> annual golf tournament which took place in Caledon Woods Golf Club. We had a wonderful turnout with 115 attendees! Special thanks go out to Gagan Jain and Craig Broijer for their time and effort in organizing this grand event. And also we thank our good friend Wayne Fretz who took a great series of pictures at the event. We started the fall off with our Annual Education Day which drew close to 80 participants. This year's topic was Scale Up and processing cosmetic formulations instructed by David Yacko. Our last evening meeting was held in November with Anna Howe from Evonik presenting on "Sensory Enhancement of Emulsions". We closed the year off with our Annual Holiday Dinner Dance on November 29<sup>th</sup>. We had 253 guests this year, all of whom had a great evening filled with great food, music and lots of prizes.

Starting a new year as Chair is always exciting and you always wonder if it will be a success, but this year truly was a great success. I could not have done this without the help of many great people on the board. I would like to give a great thank you to our executive board members: Andrea Boylan, Gary Baker, Monika Melao, Dorothy Maraprossians, Andy Halasz, Rob Quinlan, Dennis Zuccolin, Rob Castillo, Catherine Blackhall, Gagan Jain, Shahin Kalantari, Elizabeth Peitsis, Nadia Lunn, Kashif Mazhar, Mary Seifi and Vera Matovina.

Thanks Dennis Zuccolin for running our scholarship program and continuing to make improvements. Thanks Rob Quinlan for your time and effort for publishing our monthly newsletter and thanks Gary Baker for your continued dedication as our Chapter Treasurer.

Special thanks go out to Dorothy Maraprossians, Andrea Boylan, Andy Halasz and Kashif Mazhar for taking on the organization and preparation of our Holiday Dinner Dance!

Thank you to all the volunteers for being there when we needed them and who helped out tirelessly throughout the year. As you see this Chapter is a work in progress and it takes many people to make it work! I hope everybody has enjoyed the events and I hope to see you all in 2014 attending the many events planned for the year.

As Andrea Boylan takes over as the Chair for 2014, I believe she will do a phenomenal job and I wish her much success!

Sincerely,

Zohreh Fakhim





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# POSTER PRESENTATION

During our upcoming meeting on February 6th you will have an opportunity to meet one of our SCC Ontario scholarship honorees Ms Fan (Cendy) Wang and ask questions about her work on "The sub-alpha phase of monoglyceride-water gels and its potential effects on gel stability"

Fan Wang and Alejandro Marangoni Department of Food Science, University of Guelph, Guelph, Ontario, Canada



While characterizing the phase behavior and stability of saturated distilled monoglyceridewater gels, a phase transition was observed at  $\sim \! 13^{\circ}\text{C}$ . The nature of this thermal transition in 20% (w/w) glyceryl monostearate:sodium stearoyl lactylate (GMS:SSL, 19:1) in water (MGgel) was studied by differential scanning calorimetry (DSC) and X-ray diffraction (XRD) . Simultaneous powder XRD-DSC was used to characterize the crystalline structure of the MG-gel in the temperature range 1 to 75 °C. GMS sub-alpha XRD patterns were observed below 13°C. The long-term stability of the sub-alpha phase of the MG gel system was also investigated, which was less than one month at 5, 25 and 45°C. Results showed thick layer of nanostructured water in the sub-alpha phase. Such water layers may contribute to the high water swelling capacity and gel stability of monoglyceride gels at refrigeration temperatures.



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# 17th Annual Holiday Dinner Dance November 29th 2013



The Holiday Dinner Dance was a huge success again this year with a record attendance of over 250 people! All were in good cheer as we started the evening with the ever popular Antipasto Table. Music for the remainder of the evening was again supplied by "Good Vibrations". The Venetian Banquet Hall and Hospitality Center put together a delicious dinner along with a sweets table that everyone really enjoyed. We would like to give a very special THANK YOU to MAC for providing the table favours for the evening as well as the SCC Ontario Chapter for donating 50 gift cards to the prize table!

We would like to thank the following companies for generously donating to the prize table for the evening:

**Andicor Specialty Chemicals** 

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Belvedere International Inc.

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**Unipex Solutions Canada Inc.** 

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Vivachem Inc.

**Wayne Fretz Consulting** 







See all the Holiday Dinner Dance photos at:

http://www.ontarioscc.org/gallery18.htm

Special thanks to **Wayne Fretz** for taking all the great pictures!!



























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# Azelis new exclusive distributor for Biosil

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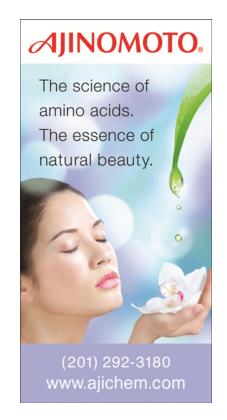
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# A welcome message from your

# new Chair.....

Well, another new year has arrived. I hope that you have all enjoyed the holiday season, although it was surely a challenging time for many affected by the ice storm. As we get back into our



daily groove, it's time to look forward to a great year for 2014. The SCC Ontario Chapter has many event plans in the works. In addition to our educational evenings, we are also preparing for a full educational day as well as our social events that are always so well enjoyed. As always, we strive to bring learning, collaboration and comradery to our members, and we welcome your suggestions and feedback. Your 2014 chapter officers are: Dorothy Maraprossians as Chair-Elect, Monika Melao as Secretary and Gary Baker as Treasurer. Along with the hard work from our team of dedicated board members, I am certain that we will have a fantastic year.

I would like to wish everyone a healthy, happy and successful 2014! I look forward to seeing you all at our many educational, social and festive events throughout the year.

# Andrea Boylan



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# How to get the most out of a cosmetic industry meeting or trade show

by Perry Romanowski

As a cosmetic chemist you are presented with ample opportunities to go to trade shows. It seems there is some kind of meeting going on every month. Trade shows and industry meetings are a great chance to meet lots of people, learn during excellent talks, socialize and even meet cosmetic science celebrities. When done right they are a lot of fun.

While industry meetings can be fun, they are even better when you make them productive. Remember your time is valuable and these meetings can help you solve problems at work, come up with new ideas, and even advance your career. Follow these steps to make your next cosmetic industry trade show productive.

- 1. Figure out what you need. Sure, a cosmetic science meeting is an excellent place to learn new things but you can do that by reading books, watching videos, and taking courses. If you are going to attend a trade show or scientific seminar you should strive to get more out of it. Make a list of things you want to accomplish. People you want to meet, questions you want answers to, or connections to people who can help you. Basically, go into the event with a plan.
- 2. Do research. While you're figuring out what you need, take a look at who is going to be there. Who are the
- speakers, which companies will be there, who will be exhibiting. This will help you determine who you will meet and where you will spend your time. Typically, meetings have a website which lists the program, speakers, and
- companies. Go online to help with your research.
- 3. Plan what you're going to do. Next plan how you will spend your time. If you can, list the names of people you want to talk to and figure out 1 key thing that you want to get answered from them. Begin with one thing but note that the conversation might expand to cover more questions that you have. Just make sure you know the one thing you're looking to get answered.
- **4. Connect with people.** Once you've got your list of people / companies you want to talk to, go seek them out. Do not get distracted by talking with your friends (you can see them later). Go meet the people you are at the meeting to meet. Invite them out for a drink (or coffee). Or just talk to them whenever you get a chance. Remember your time is valuable as is their's.
- **5. Learn to leave conversations.** Steer the conversation to your main topic. Don't be afraid to interrupt and get right to your point, politely of course. Using the excuse that you have another meeting is effective.
- **6. Meet with people after the main meetings.** Since most people are busy during the meetings, it's often useful to connect with them after the main meetings. Meeting at a bar is particularly helpful. People who have a few drinks are a lot more open with information. If you don't drink or like to attend night events you are at a massive disadvantage.

**Bottom line** - Trade shows and scientific meetings are great events to attend for cosmetic chemists. They can be lots of fun and you can meet people who can help solve problems and advance your career. But be sure to plan your trip and figure out exactly what you want to get out of it. It will be much more productive if you do.

**Read more at:** http://chemistscorner.com/how-to-get-the-most-out-of-a-cosmetic-industry-meeting-or-trade-show/#23dbzGQ1Cclhtg9d.99

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# JOB SEARCH



# **Manager - Product Development**

**GOJO Industries**, **Inc.** is a manufacturer and international marketer and distributor of hand hygiene and skin care products for away-from-home settings. Product brands sold include PURELL®, PROVON® and GOJO®.

#### Overview

- Full Time
- Work Hours 8:30 A.M. To 5:00 P.M.
- Direct Reports
- Up to 20% Travel Required
- Position Located At GOJO Plaza In Akron, OH

## **Primary Responsibilities/Accountabilities**

Leads the development and commercialization of new products consistent with customer needs and business requirements. Drives implementation of effective project management tools and processes. Provides technical and project leadership and supervises personnel in Skin Care Science/Formulation assigned within R&D. Leads the implementation of key corporate strategies.

- Plans and directs technical personnel in the planning and execution of department objectives and initiatives
- Identifies opportunities and delivers leverageable scientific and engineering results in complex areas
- Develops new proprietary systems and/or products with internal and external resources to meet enterprise objectives
- Manages the development, implementation and evaluation of complex designs and testing to ensure completion of projects as efficiently and effectively as possible
- Plans and manages technical solutions that result in successful products and systems
- Contributes to strategy development
- · Allocates technical resources, establishes project budgets, and advocates for future resource needs
- Manages project timelines
- Leads cross functional teams in the development and commercialization of strategic products and/or systems initiatives for the enterprise
- Manages documentation in conformance with GOJO's established policies and objectives
- Prepares reports and recommendations based on research outcomes or experience
- Proactively improves current products and processes
- Develops strong collaborative relationships with other industries, companies, and technical thought leaders

## **Education and Experience Required**

- At least eight (8) years' experience in a product development/formulation role
- Bachelor's Degree in appropriate technical discipline such as biology, chemistry, microbiology, etc.
- Advanced degree in Chemistry, Engineering (Chemical, Mechanical, Electrical, Packaging), Microbiology, Biology, Biochemistry, Sensory Science or other related field is highly preferred
- Has practical/professional experience managing people and projects to drive innovation and business results
- Demonstrated history of scientific/engineering accomplishment and technical leadership in creation of new products and/or optimization of R&D processes

# JOB SEARCH (cont)

# Senior Scientist - Product Development

**GOJO Industries, Inc.** is a manufacturer and international marketer and distributor of hand hygiene and skin care products for away-from-home settings. Product brands sold include PURELL®, PROVON® and GOJO®.

## **Primary Responsibilities/Accountabilities**

Creates and develops innovative and differentiated solutions and platforms to support enterprise commercialization initiatives. Evaluates, optimizes and implements technologies with a goal to improve overall business. Supports the implementation of key corporate strategies through technology and experience.

- Creates and develops new and improved products, innovative ideas, processes, protocols, techniques, and systems to support GOJO Purpose and Vision
- Effectively uses project management/milestone planning techniques to drive multiple concurrent new technology opportunities to sound proof of principle and Stage Gate business decisions
- Manages technical aspects of projects and influences others
- Carries out research on assigned technology, concepts, technical opportunities, materials
- Identifies and/or evaluates materials or technologies to assess technical performance
- Uses experimental designs, researches, analyzes and interprets data to determine feasibility/efficacy of proposed solutions
- Proactively scans and researches new concepts, materials, technical opportunities and partnerships
- Provides, interprets, and communicates practical technical information using standard formats and archiving methods
- Participates or represents R&D on project teams by appropriately providing, interpreting and communicating practical technical information and project status
- Collaborates throughout the enterprise and outside GOJO, interacting with various groups such as Supply Chain and Marketing, external suppliers and consultants
- Is a technical and problem solving resource
- Leads technician's activities on a project-by-project basis
- Mentors Scientists and Technicians
- Leads and coordinates project activities of internal and external resources
- Obtains patents and/or provides support for patent filing and/or IP protection and maintains confidentiality
- Conducts preliminary patent search for existing patents relating to development opportunities and determine impact
- Recommends product modifications and process improvements
- Supports other R&D functions, PMG, Regulatory, Supply Chain and Customer Service
- Develops and/or improves test methodologies and/or processes
- Analyzes existing patents and publications relating to development opportunities and determine impact
- Supports patent applications and maintains confidentiality
- Follows and supports current Good Manufacturing Practices and current Good Laboratory Practices
- Follows appropriate lab safety practices
- Monitors hazardous waste satellite accumulation areas to ensure compliance

## **Education and Experience Required**

- Seven (7) to ten (10) years' professional experience as a formulation or product development scientist
- Bachelor's Degree in Chemistry, Physical chemistry or Organic chemistry, or similar applied science field required
- Master's Degree in Chemistry, Biology or similar field preferred
- Has practical experience that enables innovation and business results

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# **Industry News**

# Quadra Ingredients and Air Products are pleased to announce an exclusive distribution agreement for the Canadian market.

Beginning in 2014, Quadra Ingredients will represent Air Products' innovative and evidence-based portfolio of active ingredients and polymers for the Canadian cosmetics industry.

Air Products' advanced cosmetic active ingredients, delivery systems, and polymers are supported by studies that can help formulators achieve unique performance profiles and be confident about the value their products will deliver to consumers.

## Offerings include:

Cellular Actives™ Solutions: A family of high performance ingredients that utilize advanced and multi-faced delivery technologies to provide solution-focused results supported by in vivo and in vitro studies. Well known offerings include AquaPront™ Cellular Active for wrinkles, Dermohydrine™ Cellular Active for moisturization, and ProContour™ Cellular Active for cellulite.

Encapsulated Cosmetic Actives: A range of delivery-focused technologies that enable formulators to carry active ingredients to the deeper skin layers, increasing ingredient availability to the skin, enhancing ingredient stability, and reducing skin irritation. Technologies encompass the ROVISOME™, CERASOME™, and Nanosome delivery systems, with popular offerings including ROVISOME Retinol Moist, ROVISOME HA, Nanosome Q10, and CERASOME Oxygen Cosmetic Actives.

**Multifunctional Polymers**: Specialty polymers providing unique functional benefits and sensory qualities to formulations. These products include Intelimer<sup>®</sup>, Hybridur<sup>®</sup>, and Deposilk<sup>®</sup> polymers, with offerings such as Deposilk Q1 polymer for high water systems and Intelimer 8600 polymer for hair and skin applications.

For additional information please contact your Quadra Account Manager or Milly Ntregkas, Industry Manager.

Milly\_Ntregkas@quadra.ca - 800-665-6553 - quadraingredients.com

# Industry News (cont)

# Orchidia Fragrances Launches New Website Website Gives Visitors a Gateway to Fragrance Creativity

Downers Grove, IL; November 21, 2013: Orchidia Fragrances is proud to announce the launch of their new website (www.orchidia.com). Clean and contemporary, this site has a user-friendly interface design with information no more than a couple clicks away. Visitors will learn through navigation Orchidia's four pillars of creative development - Transparency, Adaptability, Sustainability, and Insight.

This website is a true resource for product developers, marketers, and scientists seeking a creative fragrance partner. Orchidia offers multiple outlets of assistance in fragrance development, including Resource Sharing, the "Human Algorithm," and Portfolio Analysis. In addition, visitors can sign up for Fragrance 101—a partnering education program held at our research and development center—to learn about various subjects on fragrance technology and insight.

"We are very excited about the launch of Orchidia.com. The site will allow greater outreach, while further communicating our brand and showcasing some of our latest innovations," says Ross Sprovieri, Executive Vice President of Orchidia Fragrances. Users can also follow Orchidia's blog to get the latest fragrance news.

### **About Orchidia**

Since 1931 Orchidia bring passion to life's journey through the development and manufacture of fragrances, essential oils, and botanicals. Their inspired sensory creations serve segments ranging from air care to industrial applications. Their experienced staff of perfumers, chemists and applications teams utilizes the latest technologies, and market insight to develop fragrances customized to your specifications. We challenge the conventions of perfumery to produce fresh results.

Orchidia's modern production operations in Downers Grove, Illinois and San Clemente, California offer the highest quality products with quick turn-around times. Our large warehouse facilities allow us to maintain ample product inventories, assuring economical and timely delivery to any location.

Contact: Ed McIntosh Phone: (888) 8-AROMAS Fax: 630.620.9724

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# Programs and Privileges Of SCC Membership

Journal - Membership includes subscription to the Journal of Cosmetic Science, the Official Journal of the Society of Cosmetic

Chemists. The Journal contains technical papers on topics of interest to cosmetic scientists and is distributed six times per year.

Meetings & Seminars - The Society holds its Annual Scientific Meeting each December and its Annual Scientific Seminar each May. The Meetings and Seminars provide a forum for an exchange of current findings and technology on topics of global interest in cosmetic science.

Continuing Education Programs - Our CEP Programs are short courses taught by practicing cosmetic scientists and perfumers, all acknowledged experts in their disciplines.

Chapters - Each member is assigned to one of seventeen Chapters throughout the United States and Canada, according to his or her geographic location. Chapters hold local scientific meetings throughout the year, and many publish their own newsletters.

I.F.S.C.C. - The Society of Cosmetic Chemists is one of 42 member organizations within the International Federation of Societies of Cosmetic Chemists.



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# Presenters Welcome!!!



The SCC Ontario Chapter board is currently accepting submissions for presentations! Interested parties can submit a presentation abstract and a biography. Your talk may be accepted for either a Chapter meeting or Education Day.

Please send all enquiries to Andy Halasz (speaker coordinator) at

ahalasz@rogers.com

# NEWSLETTER POSTING DATES FOR 2014

Here are the dates for 2014 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- January 20th
- March 4th
- May 1st
- August 28th
- October 16th



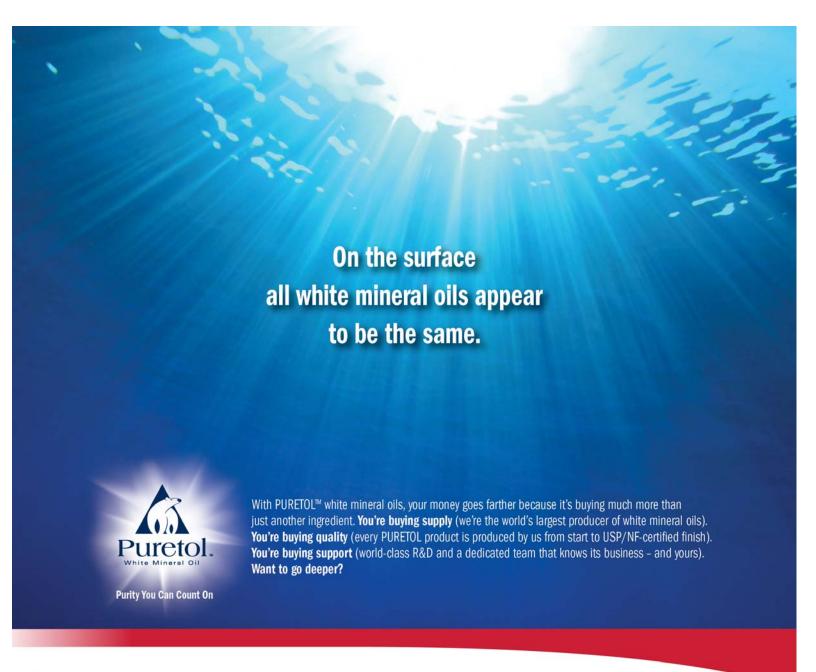
(or as close as we can get)

Should posting dates change throughout the year the most up to date list can be found at

http://www.ontarioscc.org/newsletters.htm









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# **UPCOMING EVENTS**

February 6th, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting-"Effectiveness Through Targeting: Using Delivery Systems in Cosmetic Products"-Arnoldo Fonseca
March 25th, 2014 The Venetian, Vaughan ON	SCC Ontario Regulatory Meeting (Tentative)
May 22nd, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting
July 23rd, 2014 Caledon Woods Golf Club, Bolton ON	SCC Ontario 14th Annual Golf Tournament
September 18th, 2014 The Venetian, Vaughan ON	SCC Ontario Education Day
November 6th, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting
November 28th, 2014 The Venetian, Vaughan ON	SCC Ontario Holiday Dinner Dance

# ONTARIO CHAPTER SCHOLARSHIP PROGRAM SOCIETY FOR COSMETIC CHEMISTS



The support of Cosmetic Science Education and Research are central to the goals of the Society of Cosmetic Chemists (SCC). The Ontario Chapter has developed a Scholarship Program available to Canadian University, College or High School students. In the past, the \$1000.00 award has been presented to students from the University of Toronto, University of Waterloo and University of Guelph. The program began in 2003 and 14 students have received awards in the past.

The program is open to any student planning to complete research related to cosmetic science. Interested students are invited to submit a

brief, one page research outline to Dennis Zuccolin, Director of Scholarships at <a href="mailto:dzuccoli@maccosmetics.com">dzuccoli@maccosmetics.com</a>. The scholarship applications will be reviewed by the SCC Ontario Chapter Board members. Students awarded a scholarship can also apply for additional support (up to \$1000.00) to cover research and development costs, training and conference expenses.

Successful candidates are encouraged to attend SCC meetings, volunteer at events, collaborate with members of the Society, prepare a poster presentation, write an article for the newsletter and/or make a brief oral presentation on their research at a chapter meeting.

## NORTHERN HIGHLIGHTS STAFF

PUBLISHER: ROB QUINLAN ph: 905-339-3309 robq@tempo.ca

TEMPO CANADA ULC fax: 905-339-3385

EDITOR: MICHELE LARRY ph: 905-339-3309 michelel@tempo.ca

TEMPO CANADA ULC fax: 905-339-3385

ADVERTISING: VERA MATOVINA ph: 416-766-1254 vera@plantpower.ca

## **MEMBERSHIP**

For those who would like to become members, yearly fees are \$140 US. Applications are available from your Executive Committee or on-line at <a href="https://www.SCCOnline.org">www.SCCOnline.org</a>.

Please return the completed form at your convenience and reap the benefits of the SCC. For renewal memberships, please send payments directly to the SCC National Office. For your convenience, National will accept payment by **VISA**, **Mastercard or AMEX**. Please contact National for details.



# Dedicated to the Advancement of Cosmetic Science

# Address Changes??

Throughout the year many of our members change jobs or relocate and forget to notify the National Office. Without notification, these members may not receive Important mailings and eventually are made inactive. We have created a form that is now available on the SCC website which allows members to make changes to their information and it is sent to the National office. Please visit the following website to make your changes;

http://www.scconline.org





# The SCC Ontario Chapter's Newsletter

135 Shuh Avenue Kitchener, ON, N2A 1H4

March 2014

**Volume LXII** 

#### 2014 Ontario Chapter Officers

#### Chair

Andrea Boylan
Andicor Specialty Chemicals Corp.
590 Abilene Drive
Mississauga, ON L5T2T4
Ph: (905) 795-0911
Fax: (905) 795-0912
andrea.boylan@andicor.com

#### **Chair Elect**

Dorothy Maraprossians
Unipex Solutions
6660 Financial Drive
Mississauga, ON L5N7J6
Ph: 905-601-8766
Fax: 905-812-0672
dorothy.maraprossians@unipexsolutions.ca

#### Secretary

Monika Melao Charles Tennant & Company 34 Clayson Rd. Toronto, ON M9M 2G8 Ph: (416) 741-9264 Fax: (416) 741-6642 mmelao@ctc.ca

#### **Treasurer**

Gary Baker GE&B Marketing 135 Shuh Avenue Kitchener, ON N2A 1H4 Ph: 519-896-1168 Fax: 519-896-7350 gary@geandb.com

#### **Directors Area II**

Bart Maxon Ph: 989-496-3035 Fax: 989-496-5508

bart.maxon@dowcorning.com

Perry Romanowski Brains Publishing Ph: 708-207-7642 Perry.romanowski@gmail.com

#### **Past Chair**

Zohreh Fakhim Univar Canada 64 Arrow Road, North York, ON, M9M2L9 Ph: (416) 740-5300 Fax: (416) 740-2227 Zohreh.Fakhim@univarcanada.com

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# SCC Ontario Regulatory Update Meeting

**TUESDAY MARCH 25TH, 2014** 

FREE FOR SCC MEMBERS (Pre-Registered)
Non-Members \$100 (Pre-Registered)

## PRE-REGISTRATION IS REQUIRED FOR THIS MEETING

If you prefer you can reserve a spot by email or fax. Send us a note that you will be there. We will confirm receipt of your reservation. You can then either bring the payment with you or put it in the mail. Please make your reservation prior to MARCH 24th, 2014.

#### Please note:

Should you register and not attend you will be invoiced the meeting fee.

Students must have their payment in by Monday prior to the meeting. To make your reservation today contact Gary at:

gary@geandb.com or by fax at (519) 896-7350 OR on-line at: http://www.ontarioscc.org/registration.htm

# **SCC Ontario Regulatory Update Meeting**

# **TUESDAY MARCH 25TH, 2014**

Location: The Venetian Banquet

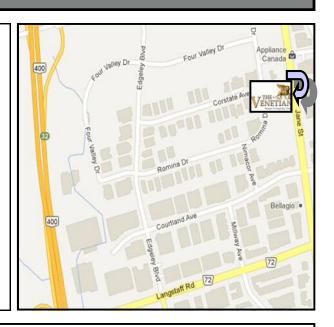
& Hospitality Centre 219 Romina Drive, City of Vaughan, ON, L4K 4V3

(tel: 905-264-9960)

Fees: FREE for SCC Members

(Pre-Registered)

Non-Members \$100 (Pre-Registered)



## **AGENDA FOR THE DAY**

8:30am: Registration and continental breakfast

9am – 10:30am: Marie Roussel, Ecomundo. REACH

10:30am – 11am: Break

11am – 12:30pm: Marie Roussel, Ecomundo. EU Cosmetic

Regulations

12:30pm - 1:30pm: Lunch

1:30pm - 2:30pm: Teena Warrin, Croda Canada. Canada update

2:30pm - 3:30pm: Robert Ross-Fichtner, Focal-Point Research.

**USA** update



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# MERIT AWARD PRESENTED



On behalf of the SCC Ontario chapter, I am pleased to present our 2013 Merit Award to **Dorothy Maraprossians.** Dorothy has been a member of the SCC since 1999, and a dedicated board member for almost as long. She has served as Chair of the Ontario chapter three times and is our 2014 Chair-Elect. She has also taken the lead in planning our yearly Holiday Dinner Dance

which continues to be a great success. Even as her professional responsibilities have increased, Dorothy has remained a committed and dedicated member of the chapter and the board. Her diligence, thoughtfulness and passion for the industry is inspiring and encouraging. Congratulations Dorothy, and thank you for your continued efforts to help make the industry a great one!

- Andrea Boylan



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# SOCIETY OF COSMETIC CHEMISTS

### CALL FOR PAPERS - PODIUM PRESENTATIONS

ANNUAL SCIENTIFIC MEETING & TECHNOLOGY SHOWCASE DECEMBER 11-12, 2014
NEW YORK HILTON HOTEL, NEW YORK CITY

Authors are invited to submit titles and abstracts of no more than 150 words for original papers to be presented in podium format. All topics related to cosmetic science will be considered for presentation. Topics of particular interest for submission of abstracts are:

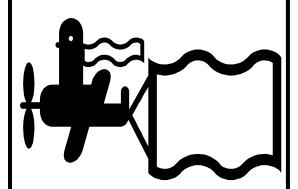
- Color Cosmetics (Formulation and Performance for Skin)
- Fragrances in the Cosmetic Industry (Fine Fragrances, Regulations, Fragrancing Personal Care Products)
- Basics of Cosmetic Formulations (Emulsion & Surfactant Chemistry)
- Topical Delivery Systems (Liposomes, Encapsulations, Microemulsions, Devices)
- Current Regulations affecting the Cosmetic Industry (US Regulations, OTC Products, cGMPs)
- Online Formulating and Research Tools for the Cosmetic Chemist (Social Media, Computer Apps, Websites, Databases)
- · Emerging Trends and Innovations in the Cosmetic Industry

### SUBMISSION DEADLINE: MAY 2, 2014

All abstracts must be submitted online at our website www.scconline.org.

After acceptance of abstracts by the Committee, all presenters will be required to submit preprints 12 weeks prior to presentation (minimum of 600 words, maximum of 2 pages, including figures). All presenters will be eligible for the Shaw Mudge Award sponsored by BASF Corporation, which is given for the Best Paper presented at the Society's Annual Meeting. The honorarium for this award is \$2,500. Presenters are required to register for the Meeting.

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# **Industry News**

# KODA Distribution Group Welcomes The DeWolf Companies to its Specialty Chemical Distribution Platform

KODA Distribution Group ("KDG") announces that it has acquired The DeWolf Companies (DeWolf Chemical, Inc. – Glenn Corporation – Tempo Canada ULC), an organization focused on serving the Personal Care, Color Cosmetic and HI&I markets throughout North America. The DeWolf Companies now form the operating entities within the newly created KODA Care business unit and will continue to operate in the same capacity as before the acquisition. Existing Care business within any of KDG's other distribution businesses will transfer to the KODA Care business vertical, creating **the** market leading specialty chemical distribution channel to the North American Personal Care, Color Cosmetic and HI&I markets.

#### What did KDG Acquire?

Headquartered in Warwick, RI, The DeWolf Companies are privately held distributors of specialty chemicals to the North American Personal Care, Color Cosmetics and HI&I markets. "Our three wholly-owned subsidiaries (DeWolf Chemical, Inc. – Glenn Corporation – Tempo Canada ULC) specialize in delivering technologically advanced formulating solutions through in-depth ingredient knowledge and market trend awareness and insight. The DeWolf Companies are technically oriented organizations with a market trend vision representing the leading global producers of technology. Our corporate values of Passion, Integrity, Teamwork and Execution are what have guided the The DeWolf Companies to be the leading supplier to these core markets throughout North America," said Hank DeWolf, President of The DeWolf Companies.

#### Geographic Reach

The DeWolf Companies footprint encompasses all major markets where R&D, technical development, marketing and production of consumer and B2B products take place. "Our sales teams are local to the markets that they serve and we back their development efforts with locally stocked and managed warehouses capable of meeting our customers stringent order requirements", said Hank DeWolf.

What does this Acquisition mean for The DeWolf Companies Customers?"The combined strength of KDG and The DeWolf Companies creates an incredibly dynamic organization capable of delivering added value to our customers through cutting edge technology, market insight, regulatory compliance, and supply chain and operational excelence. Our ability to leverage KDG's five R&D laboratories to assist our customers in new product development, prototype development and qualifying alternate raw materials will continue propelling our organization to the forefront of our industry, delivering real and recognizable value", said Hank DeWolf.

#### What does this Acquisition mean for The DeWolf Companies Suppliers?

"The added resource the KDG organization brings to The DeWolf Companies puts the organization in an even stronger position to meet supplier, customer, legal, EH&S and regulatory demands of the evolving chemical distribution landscape. The KODA Care market vertical approach provides our suppliers a channel partner with in-depth market expertise, technical excellence and now even more enhanced value-added services, all while allowing our supplier partners the ability to reduce complexity and better manage working capital," said Frank Bergonzi, CEO and President of KODA Distribution Group.

#### The Management Team

The DeWolf Companies existing company management, sales, supply chain and customer service teams will remain in place to continue servicing each company's individual regional market. Hank DeWolf has been named President of the KODA Care business unit, under the direction of Frank Bergonzi.

"The KODA Distribution Group values its customer, supplier and employee relationships and consistently looks to create greater value for all of our constituents. We are excited to welcome The DeWolf Companies as one of the newest members of the KODA Distribution Group. The DeWolf Companies are highly regarded within the industry for their market knowledge, ethics and integrity; values the KDG group prides itself on. With the addition of The DeWolf Companies, KDG continues building the nations predominant specialty chemical distribution platform focused on delivering technology to assist our customers in product development, process improvement and supply chain excellence", said Frank Bergonzi.

Hank DeWolf
President KODA Care

Frank Bergonzi
CEO & President
KODA Distribution Group





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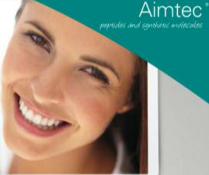




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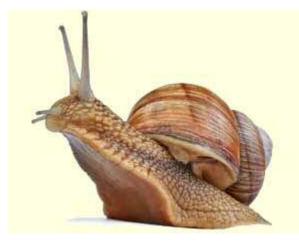
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# How about some Snail Cream?

No, you don't eat it. Neither is it meant to limber up the arthritic joints of snails. You massage it into your face to improve complexion, reduce wrinkles and improve scar lines. At least that's the claim. Aren't the marketers of cosmetics truly talented? They can squeeze a truckload of hope into a tiny jar. The industry tends to produce new products at a frantic pace,

but in one special case, it happens at a snail's pace. Literally. Face creams that contain snail slime are a hot item in South America and Korea and are slowly slithering their way to North America. Sounds...well...like another slimy marketing effort. But don't quite roll your eyes yet. There is some history here. It seems Hippocrates favoured a mix of sour milk and crushed snails for inflamed skin. Of course that doesn't mean it worked. After all the man who gave us the Hippocratic oath also thought that pigeon droppings cured baldness. But there may be something to the snail bit. Apparently Chilean farmers who were raising snails for the food market noted that their skin became smoother after handling the creatures. Not exactly scientific evidence, but enough for the cosmetic industry to pick up some speed in marketing snail slime.

Snail slime is a complex chemical mixture that contains proteoglycans, glycosaminoglycans, and a variety of glycoprotein enzymes. There's also hyaluronic acid, some copper peptides, antimicrobial compounds and trace elements including copper, zinc, and iron. All these combine to protect the snail from cuts, abrasions and bacteria. But what can they do for people? There is actually evidence that at least some of slime components can stimulate the proliferation of fibroblasts, the cells that produce collagen and elastin, the proteins that form the basic matrix of skin structure. The problem, though, is that these effects have only been seen in cell culture. There's no study that has documented a benefit from snail slime cream in people. Even without such evidence, some producers claim to have a superior product because their snails are raised on ginseng!

And how does one get snail slime? It seems the snails have to be stressed to secrete the sticky stuff. I'm not sure how one stresses a snail, perhaps by signing it up for a race, or by frightening it with one of those dishes with the six little wells ready to be loaded with "escargots." Eventually we may actually see some scientific evidence for the benefits of snail slime face cream, but while the hype races ahead at breakneck speed, the research seems to progress at...well..I can't resist... a snail's pace. The cream is expensive, but if you want to give snail slime a try, I think you can find some in the garden that will crawl over your face for free. And if snail cream isn't exotic enough, there's always shampoo with bull semen which apparently leaves hair with a brilliant sheen that no other substance can match. Very pricey, but I suppose collecting the needed ingredient presents some occupational hazards.

Article compliments of Dr. Joe Schwarcz http://www.mcgill.ca/oss/

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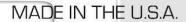


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## Trivia (answers pg 21)

Q 1: Which B	oeing a)	g plane is bigger in terms of its size? 767
	b)	747
	c)	777
Q 2: Which is	the b	biggest plane in terms of passenger capacity? Boeing 747-8
	b)	Boeing 777
	c)	Airbus A-380
Q 3: How much	ch of a)	Boeing 787 consists of composite material? 30 %
	b)	50%
	c)	60%
Q 4: When wa	as the	current Olympic Flag first created? 1914
	b)	1920
	c)	1930
Q 5: When wa	as the a)	current Olympic Flag first flown? 1920
	b)	1924
	c)	1936
Q 6: In the op	ening a)	g Olympic ceremony, which team leads the procession of the athletes ? Greek
	b)	Alphabetical order
	c)	Numerical order
Q 7: When ch	oosir a)	ng a location for the Olympic games, the IOC specifically gives the honor of holding the games to? a city
	b)	a country
	c)	a nation
Q 8: When wa	as the	e last time <u>real gold</u> (made entirely of gold) medals were awarded in the Olympics? 1912
	b)	1936
	c)	1956
Q 9: How man		nes have the Olympics been held in London?  2 b) 3 c) 4
Q 10: Which t	two y a)	rears were the Olympics not held? 1936 & 1940

b) 1940 & 1944

c) 1936 & 1944

Q 11: Which team a)	is the last team in the procession of the opening ceremonies?  Hosting Team
b)	Last year's Hosting Team
c)	It depends on alphabetical order
	imes were the Olympic games (winter and summer) were held in Canada?  2 b) 3 c) 4
Q 13: Name the cit	ies in Canada where Olympic games have been held? (Summer and Winter)
Q 14: In which Sur a)	mmer Olympics did Canada win the most Gold Medals?  Montreal b) Barcelona c) Los Angeles
Q 15: In which Wina)	nter Olympics Canada won most Gold Medals? Turin
b)	Salt Lake
c)	Vancouver
Q 16: Which count a)	ry has won most Gold medals in all Summer Olympics held so far? USA
b)	Russia
c)	China
Q 17: Which is the a)	e world's most busiest Airport as of 2013? Hartsfield, Jackson Atlanta USA
b)	Beijing, China
c)	Heathrow, London
Q 18: What was a)	world's first airline? KLM
b)	British Airways
c)	Delag
Q 19: What is the	e world's oldest airline that is still operational?  Qantas (Oldest continuously operating airline also from one country)
b)	KLM
c)	Delta Airlines (oldest operating airline in US)
Q 20: What is the	e world's Largest Airlines (based on scheduled passengers carried)? United Airlines
b)	American Airlines
c)	Delta Airlines



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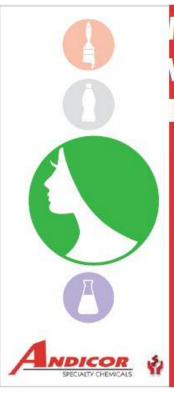
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## Speak out ...be heard!! With a focus on education, the SCC Ontario Chapter is always striving to bring the highest quality educational seminars to our Chapter members. At the same time we like to entertain and foster a social environment. The problem is, you can't make everyone happy! That's why we need your feedback. Fill out a simple questionnaire on line and tell us what interests YOU: http://www.ontarioscc.org/meetingquestionaire.htm

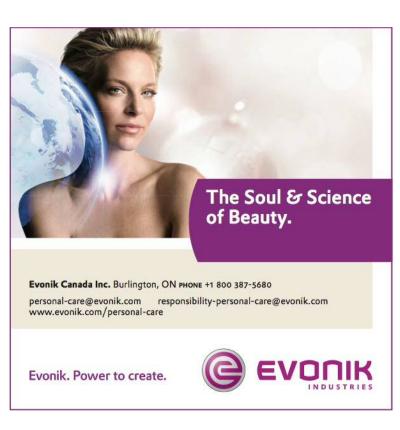


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- Must be able to research and report on technical subjects Qualifications
- Must have Cosmetic Manufacturing formulation experience to be considered for this position
- → BS or BA in Chemistry, or related science with a minimum of 0-3 years of experience in personal care and/or cosmetic formulation.
- Knowledge of chemistry, raw materials, powder and emulsion technology are desired.
- Entrepreneurial attitude with the ability to conceptualize and apply innovative solutions.
- Self-starter with a high level of initiative who works well under pressure.
- Strong problem solving, interpersonal, team, bench and communications (oral & written) skills.
- Flexibility and the ability to handle multiple projects simultaneously.
- Ability to use sound judgment in handling unanticipated situations.
- Strong organizational skills and be able to work successfully in a matrix environment.
- Good performance, attendance and safety record in current position is critical.
- Computer proficient.

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## Programs and Privileges Of SCC Membership

Journal - Membership includes subscription to the Journal of Cosmetic Science, the Official Journal of the Society of Cosmetic

Chemists. The Journal contains technical papers on topics of interest to cosmetic scientists and is distributed six times per year.

Meetings & Seminars - The Society holds its Annual Scientific Meeting each December and its Annual Scientific Seminar each May. The Meetings and Seminars provide a forum for an exchange of current findings and technology on topics of global interest in cosmetic science.

Continuing Education Programs - Our CEP Programs are short courses taught by practicing cosmetic scientists and perfumers, all acknowledged experts in their disciplines.

Chapters - Each member is assigned to one of seventeen Chapters throughout the United States and Canada, according to his or her geographic location. Chapters hold local scientific meetings throughout the year, and many publish their own newsletters.

I.F.S.C.C. - The Society of Cosmetic Chemists is one of 42 member organizations within the International Federation of Societies of Cosmetic Chemists.



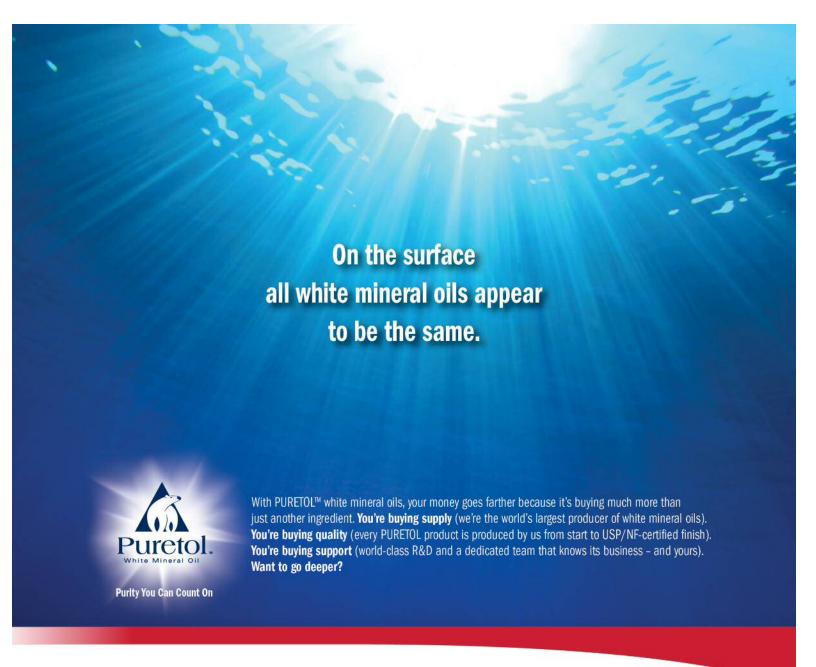
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## SCC - About Our Organization

Dedicated to the advancement of 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 reach our goal of improving the qualifications of cosmetic scientists. Our mission is to further the interests and recognition of cosmetic scientists while maintaining the confidence of the public in the cosmetic and toiletries industry.

Comprised of over 4,000 members, the Society of Cosmetic Chemists was founded in 1945 to promote high standards of practice in the cosmetic sciences. We serve as a focus and provide the proper forums for the exchange of ideas and new developments in cosmetic research and technology.

Since 1948 Chapters have been the lifeblood of the Society of Cosmetic Chemists. We now have 19 Chapters throughout the United States and Canada which conduct monthly meetings, educational seminars, suppliers' days and publish monthly newsletters. These Chapters are run by dedicated volunteers who lend their time and expertise to the smooth and efficient operation of each Chapter.

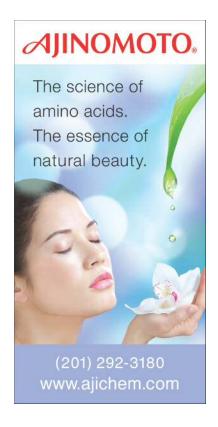
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## Trivia Answers (see pg 13,14)

1. 777 Longest in length wing span	6. Greek	11. Hosting Team	16. USA (976)
2. Airbus A-380 (900 seats in single configuration)	7. A city	12. 3	17. Hartsfield, Jackson Atlanta USA
3.50%	8. 1912	13. Vancouver 2010, Calgary 1988, Montreal 1976	18. Delag
4. 1914	9. 2 (was scheduled in 1944 but didn't happen due to the war)	14. Los Angeles (10)	19. KLM
5. 1920	10. 1940 & 1944	15. Vancouver (14)	20. Delta Airlines



....to the winning table at our February 6th meeting comprised of Mona Azarin, Rob Castillo, Lindsey Mustin, Zohreh Fakhim, Dennis Zuccolin, Ming Zhu, Huan Zhu and Simon Mao.





## Presenters Welcome!!!



The SCC Ontario Chapter board is currently accepting submissions for presentations! Interested parties can submit a presentation abstract and a biography. Your talk may be accepted for either a Chapter meeting or Education Day.

Please send all enquiries to Andy Halasz (speaker coordinator) at

ahalasz@rogers.com

### NEWSLETTER POSTING DATES FOR 2014

Here are the dates for 2014 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- January 20th
- March 18th
- May 1st
- August 28th
- October 16th



(or as close as we can get)

Should posting dates change throughout the year the most up to date list can be found at

http://www.ontarioscc.org/newsletters.htm









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## **UPCOMING EVENTS**

March 25th, 2014 The Venetian, Vaughan ON	SCC Ontario Regulatory Meeting
May 22nd, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting
July 23rd, 2014 Caledon Woods Golf Club, Bolton ON	SCC Ontario 14th Annual Golf Tournament
September 18th, 2014 The Venetian, Vaughan ON	SCC Ontario Education Day
November 6th, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting
November 28th, 2014 The Venetian, Vaughan ON	SCC Ontario Holiday Dinner Dance
December 11-12th, 2014 New York City, NY	Annual Scientific Meeting & Technology Showcase

## ONTARIO CHAPTER SCHOLARSHIP PROGRAM SOCIETY FOR COSMETIC CHEMISTS



The support of Cosmetic Science Education and Research are central to the goals of the Society of Cosmetic Chemists (SCC). The Ontario Chapter has developed a Scholarship Program available to Canadian University, College or High School students. In the past, the \$1000.00 award has been presented to students from the University of Toronto, University of Waterloo and University of Guelph. The program began in 2003 and 14 students have received awards in the past.

The program is open to any student planning to complete research related to cosmetic science. Interested students are invited to submit a

brief, one page research outline to Dennis Zuccolin, Director of Scholarships at <a href="mailto:dzuccoli@maccosmetics.com">dzuccoli@maccosmetics.com</a>. The scholarship applications will be reviewed by the SCC Ontario Chapter Board members. Students awarded a scholarship can also apply for additional support (up to \$1000.00) to cover research and development costs, training and conference expenses.

Successful candidates are encouraged to attend SCC meetings, volunteer at events, collaborate with members of the Society, prepare a poster presentation, write an article for the newsletter and/or make a brief oral presentation on their research at a chapter meeting.

#### NORTHERN HIGHLIGHTS STAFF

PUBLISHER: ROB QUINLAN ph: 905-339-3309 robq@tempo.ca

TEMPO CANADA ULC fax: 905-339-3385

EDITOR: MICHELE LARRY ph: 905-339-3309 michelel@tempo.ca

TEMPO CANADA ULC fax: 905-339-3385

ADVERTISING: VERA MATOVINA ph: 416-766-1254 vera@plantpower.ca

#### **MEMBERSHIP**

For those who would like to become members, yearly fees are \$140 US. Applications are available from your Executive Committee or on-line at <a href="https://www.SCCOnline.org">www.SCCOnline.org</a>.

Please return the completed form at your convenience and reap the benefits of the SCC. For renewal memberships, please send payments directly to the SCC National Office. For your convenience, National will accept payment by **VISA**, **Mastercard or AMEX**. Please contact National for details.



## Dedicated to the Advancement of Cosmetic Science

# Address Changes??

Throughout the year many of our members change jobs or relocate and forget to notify the National Office. Without notification, these members may not receive Important mailings and eventually are made inactive. We have created a form that is now available on the SCC website which allows members to make changes to their information and it is sent to the National office. Please visit the following website to make your changes;

http://www.scconline.org





## The SCC Ontario Chapter's Newsletter

135 Shuh Avenue Kitchener, ON, N2A 1H4

**May 2014** 

**Volume LXIII** 

#### **2014 Ontario Chapter Officers**

#### Chair

Andrea Boylan
Andicor Specialty Chemicals Corp.
590 Abilene Drive
Mississauga, ON L5T2T4
Ph: (905) 795-0911
Fax: (905) 795-0912
andrea.boylan@andicor.com

#### **Chair Elect**

Dorothy Maraprossians Unipex Solutions 6660 Financial Drive Mississauga, ON L5N7J6 Ph: 905-601-8766 Fax: 905-812-0672

dorothy.maraprossians@unipexsolutions.ca

#### Secretary

Monika Melao Charles Tennant & Company 34 Clayson Rd. Toronto, ON M9M 2G8 Ph: (416) 741-9264 Fax: (416) 741-6642 mmelao@ctc.ca

#### **Treasurer**

Gary Baker GE&B Marketing 135 Shuh Avenue Kitchener, ON N2A 1H4 Ph: 519-896-1168 Fax: 519-896-7350 gary@geandb.com

#### **Directors Area II**

Bart Maxon Ph: 989-496-3035

Fax: 989-496-5508

bart.maxon@dowcorning.com

Perry Romanowski Brains Publishing Ph: 708-207-7642 Perry.romanowski@gmail.com

#### **Past Chair**

Zohreh Fakhim Univar Canada 64 Arrow Road, North York, ON, M9M2L9 Ph: (416) 740-5300 Fax: (416) 740-2227 Zohreh.Fakhim@univarcanada.com

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## SCC ONTARIO CHAPTER MEETING

"Post-Marketing Surveillance of Cosmetic Products Across the Globe" -Christelle Guyomard

THURSDAY MAY 22ND, 2014

#### PRE-REGISTRATION IS REQUIRED FOR THIS MEETING

If you prefer you can reserve a spot by email or fax. Send us a note that you will be there. We will confirm receipt of your reservation. You can then either bring the payment with you or put it in the mail. Please make your reservation prior to MAY 20th, 2014.

#### Please note:

Should you register and not attend you will be invoiced the meeting fee.

Students must have their payment in by Monday prior to the meeting. To make your reservation today contact Gary at:

gary@geandb.com

or by fax at (519) 896-7350 OR on-line at: http://www.ontarioscc.org/registration.htm

### SCC ONTARIO CHAPTER MEETING

"Post-marketing surveillance of cosmetic products across the globe"
-Christelle Guyomard

#### THURSDAY MAY 22ND, 2014

Location: The Venetian Banquet & Hospitality Centre

219 Romina Drive, City of Vaughan, ON, L4K 4V3 (tel: 905-264-9960)

Time: 5:00 p.m. Cocktails

6:00 p.m. Dinner

7:00 p.m. Presentation

8:00 p.m. Adjournment

Fees: \$45 pre-paid SCC member

\$55 pre-paid non-member

\$10 pre-paid student

\$60 at the door



#### Abstract:

Regulatory requirements attached to personal care products do not end after a cosmetic is launched in the marketplace. Different countries worldwide encourage or oblige manufacturers to establish Post-Market Surveillance processes to actively identify and monitor potential safety issues related to their products. Such requirements may not only apply to manufacturers but also to Health Professionals, or even Distributors.

This presentation gives an overview of the situation across the globe, i.e. how the main markets address the Post-Market Surveillance of cosmetic products, and what are the local authorities' requirements manufacturers and/or marketers should be aware of, from the Americas to Asia, including Europe.

#### Bio:

Christelle Guyomard joined IRIS in 1997. She was initially involved in the daily management of consumers' complaints at the EU level and concomitantly served as Clinical Research Associate to monitor cosmetic clinical trials with safety and efficacy-oriented investigations. From 2002 to 2008, she worked as Coordinator in Cosmetics Vigilance which implied data & procedures management, as well as team management. Throughout the years spent at IRIS, has been involved in the consolidation and global expansion of the IRIS network of physicians across the globe. Her current position as Business Development Manager dates back to 2009.

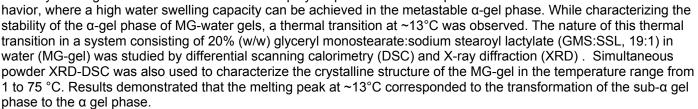
### STUDENT PRESENTATION

During our upcoming meeting on May 22nd one of our past SCC Ontario scholarship honorees Ms Fan (Cendy) Wang will do a short presentation on her recent work titled "The Sub- $\alpha$  Gel Phase of Monoglyceride-Water system and its effect on Emulsion Stability"

Fan (Cendy) Wang and Alejandro G. Marangoni, Department of Food Science, University of Guelph

Current research in our laboratory focuses on the development of petroleum-free, high oil content cosmetic emulsion structured with glycerol monoglycerides (MGs).

MGs are commonly used food emulsifiers, as they can structure both liquid oil and water by forming lamellar structures. MGs show polymorphic and mesomorphic be-



The stability of an oil-in-water emulsion structured by this MG-gel was also studied in this work. Results suggested that the addition of hydrocolloids, specifically xanthan gum, successfully increased the stability of the emulsion. Two potential mechanisms contribute to this stabilization. Firstly, xanthan gum increases the viscosity of the water phase. Secondly, since xanthan gum is an anionic polymer, it repels the MG lamellae containing the anionic co-surfactant SSL. This slows down the natural tendency for the lamellae to pack more closely and expel water, thus increasing emulsion stability an order of magnitude.



Dedicated to the Advancement of Cosmetic Science

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## SOCIETY OF COSMETIC CHEMISTS ONTARIO CHAPTER

SCC

c/o 135 Shuh Avenue, Kitchener, Ontario N2A 1H4

# **SCC 14th Annual Golf Tournament**

Tuesday, July 22nd, 2014

**Location:** Caledon Woods Golf Club (6 km north of Bolton)

Time: 1:00 pm Shotgun start.

Fee: \$190 Golf & Dinner Package

\$125 Golf & Lunch

\$ 80 Dinner-only



#### Fees include:

#### Itinerary:

18-hole green fees with carts

Professional tournament scoring

BBQ lunch

Dinner

Use of practice green, locker and shower facilities

11:00-12:30 Registration & Lunch

1:00 PM Golf - Shotgun start

5:30 PM Cocktails

6:30 PM Dinner, & Prize Presentation

#### Please indicate below the participants' name(s) and company(s):



HOST:Golf/Dinner Package 🔲 Golf + lunch 🔲 Dinner-only 🔲
GUEST:Golf/Dinner Package ☐ Golf + lunch ☐ Dinner-only ☐
GUEST:Golf/Dinner Package ☐ Golf + lunch ☐ Dinner-only ☐
GUEST: Golf/Dinner Package ☐ Golf + lunch ☐ Dinner-only ☐
Number of vegetarian meals needed

- Pre-registration is required for this event <u>before JUNE 30th!</u>
- To pre-register Email gjain100@gmail.com (# 905.569.1302)
- Send payment before June 30th, 2014 to confirm your spot to:
   The SCC Ontario Chapter, c/o Gary Baker, 135 Shuh Avenue, Kitchener, Ontario N2A 1H4

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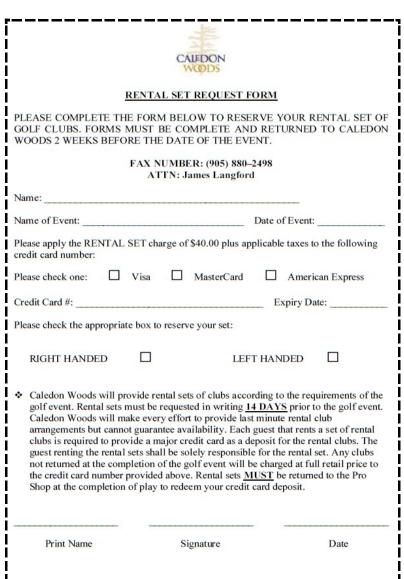
#### From Toronto

- . Hwy 427 north to Hwy 7.
- Hwy 7 west to Hwy 50.
- Hwy 50 north through the town of Bolton.
- · Caledon Woods Golf Club is 6km on the west (left)

Note: if you are traveling on Hwy 407, you must exit on to Hwy 427 North.

#### From Barrie

- . Hwy 400 south to Hwy 9.
- Hwy 9 west to Hwy 50.
- Hwy 50 south 8km.
- · Caledon Woods Golf Club is on the west (right) side







#### CORPORATE EVENTS

DRESS CODE

- Gentlemen

  A Golf Shirt with a Collar, Turtlenecks, or Mock-Neck Shirts (Shirts must be tucked in at all times)

  Casual or Dress Slacks

  Bermuda Shorts

  Caps can be worn with the peak forward

  Ankle or knee socks

  Soft Spike or Soft Soled Shoes

- Ladies

  Golf Shirt with a Collar (Sleeveless style acceptable for women)
  Casual or Dress Slacks
  Bermuda Shorts
  Caps can be worn with the peak forward
  Ankle or knee socks
  Soft Spike or Soft Soled Shoes

## Inappropriate Golf Course & Clubhouse Attire includes: Jeans of any kind, gym shorts, track / sweat suits, beach wear Shoes with metal cleats or spikes

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## SOCIETY OF COSMETIC CHEMISTS

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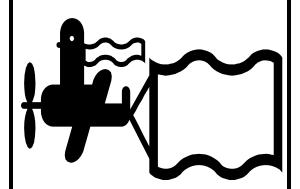
- Color Cosmetics (Formulation and Performance for Skin)
- Fragrances in the Cosmetic Industry (Fine Fragrances, Regulations, Fragrancing Personal Care Products)
- Basics of Cosmetic Formulations (Emulsion & Surfactant Chemistry)
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- Online Formulating and Research Tools for the Cosmetic Chemist (Social Media, Computer Apps, Websites, Databases)
- · Emerging Trends and Innovations in the Cosmetic Industry

SUBMISSION DEADLINE: MAY 2, 2014

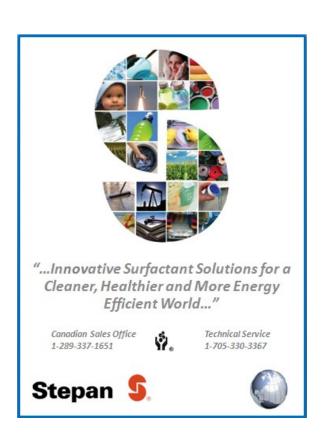
All abstracts must be submitted online at our website www.scconline.org.

After acceptance of abstracts by the Committee, all presenters will be required to submit preprints 12 weeks prior to presentation (minimum of 600 words, maximum of 2 pages, including figures). All presenters will be eligible for the Shaw Mudge Award sponsored by BASF Corporation, which is given for the Best Paper presented at the Society's Annual Meeting. The honorarium for this award is \$2,500. Presenters are required to register for the Meeting.

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# What Makes one Cosmetic Ingredient Better than Another?

by PERRY ROMANOWSKI on 04/16/2014

As a cosmetic chemist, you will be often visited by chemical sales people and pre-

sented "new" raw materials to put in your formulas. Or you may be asked by your marketing people about ingredients and which cosmetic ingredients are better than others. Unfortunately, it's not an easy question to answer. Read on to see why.

#### What are better cosmetic ingredients?

Although this might sound like a simple question, it really isn't. That's because the answer is highly dependent on what you mean by the phrase "better than." And this is true of ANY raw material or beauty product for which you might have this question.



What makes one cosmetic ingredient better than another?

It all depends on which of the following factors are most important to you.

#### **Ingredient Performance**

This is related to how well a product does what it says it will do and how it compares to what you are already using. If a new emulsifier makes the product more stable then from a performance standpoint, it is better. If a surfactant improves your foam, or a moisturizing agent improves moisture scores, then these ingredients are better. The nice thing about a performance standard is that you can run a test, make a measurement and determine which is better.

Unfortunately, there are other less obvious factors to consider when figuring out which is the "better" cosmetic ingredient.

#### **Price**

Another important characteristic in determining whether something is better is price. The assumption is that if one product performs the same as another product but is less expensive, then it is better.

Continued on page 19







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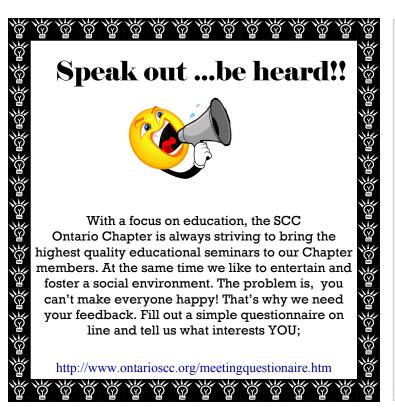




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## Programs and Privileges Of SCC Membership

Journal - Membership includes subscription to the Journal of Cosmetic Science, the Official Journal of the Society of Cosmetic

Chemists. The Journal contains technical papers on topics of interest to cosmetic scientists and is distributed six times per year.

Meetings & Seminars - The Society holds its Annual Scientific Meeting each December and its Annual Scientific Seminar each May. The Meetings and Seminars provide a forum for an exchange of current findings and technology on topics of global interest in cosmetic science.

Continuing Education Programs - Our CEP Programs are short courses taught by practicing cosmetic scientists and perfumers, all acknowledged experts in their disciplines.

Chapters - Each member is assigned to one of seventeen Chapters throughout the United States and Canada, according to his or her geographic location. Chapters hold local scientific meetings throughout the year, and many publish their own newsletters.

I.F.S.C.C. - The Society of Cosmetic Chemists is one of 42 member organizations within the International Federation of Societies of Cosmetic Chemists.







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Continued from pg 14 - "What Makes one Cosmetic Ingredient Better than Another?"

Of course, this is simplistic and the list price of a raw material doesn't take into consideration other factors that can affect the cost impact to your company. For example, your purchasing department might have a contract with a supplier where you get price breaks based on volumes. If you change to a cheaper ingredient, this could raise the price of other ingredients.

But sometimes the performance doesn't have to match exactly either. If you can get away with using a less expensive ingredient and still have most of the performance, sometimes it's worth it.

#### **Production Desires**

While there are some ingredients that are easy enough to work with in the lab, they can often be nearly impossible to work with in production. I'm thinking of things like powders and highly viscous ingredients. When formulating and thinking about what is the "best" cosmetic raw material, consider also what your production people will think is the best. Generally, if it's easier to work with in production, it's a better ingredient.

#### Personal preference

I have to admit that there were ingredients that I liked working with. Often this was because I had success with the ingredient in the past. Or maybe I just liked to have a "signature" ingredient in all my formulas. Some cosmetic chemists just prefer to avoid using single sourced ingredients or animal derived products or other arbitrary choices. If you as the formulator think one ingredient is better than another, often that means the ingredient is better. Of course, your boss might make you have a different opinion.

#### **Marketing concerns**

Sometimes your marketing department will have an opinion about what is a better ingredient. If your group is hung up on the green movement, they'll think that vegetable derived is better than petroleum products. They'll think natural preservatives are better than parabens. They'll also push for free-trade ingredients, biodegradable, low carbon footprint, etc. If you're looking for a better ingredient, think about what your marketing group would say.

#### **Better cosmetic ingredients**

So how do you figure out which cosmetic ingredients are the best to use? The following checklist can help you figure it out. 1. First, have a standard test to compare performance 2. Consider the overall cost impact of the ingredient 3. Consider the impact on production 4. Figure out what your marketing people would say 5. Decide what you like

Cosmetic formulating is a creative endeavor. Remember, you are the artist and should always have the final say on what you think is the "better" technology.



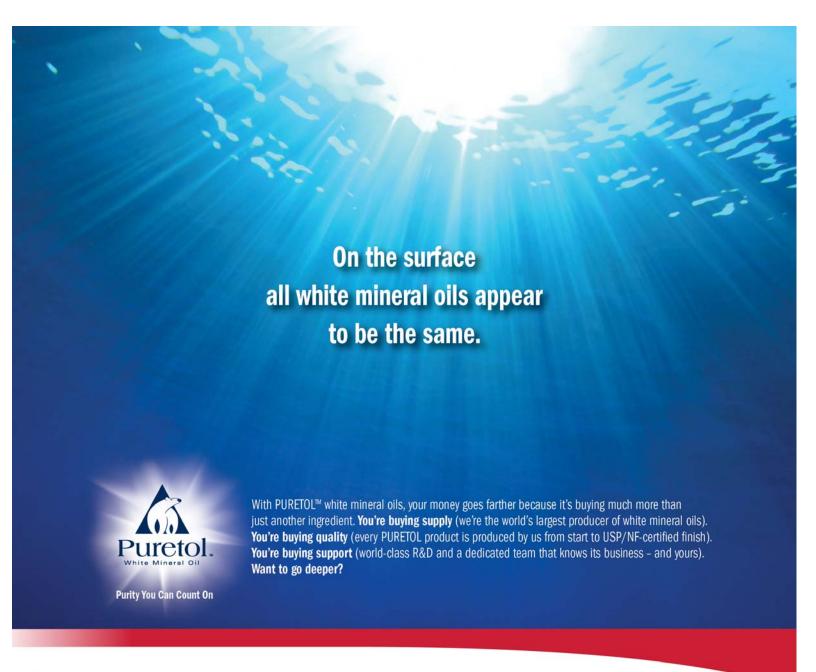
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# Presenters Welcome!!!



The SCC Ontario Chapter board is currently accepting submissions for presentations! Interested parties can submit a presentation abstract and a biography. Your talk may be accepted for either a Chapter meeting or Education Day.

Please send all enquiries to Andy Halasz (speaker coordinator) at

ahalasz@rogers.com

### NEWSLETTER POSTING DATES FOR 2014

Here are the dates for 2014 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- January 20th
- March 18th
- May 5th
- August 28th
- October 16th



(or as close as we can get)

Should posting dates change throughout the year the most up to date list can be found at

http://www.ontarioscc.org/newsletters.htm









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## **UPCOMING EVENTS**

May 22nd, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting—"Post-Marketing Surveillance of Cosmetic Products Across the Globe"-Christelle Guyomard
July 22nd, 2014 Caledon Woods Golf Club, Bolton ON	SCC Ontario 14th Annual Golf Tournament
September 18th, 2014 The Venetian, Vaughan ON	SCC Ontario Education Day
November 6th, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting
November 28th, 2014 The Venetian, Vaughan ON	SCC Ontario Holiday Dinner Dance
December 11-12th, 2014 New York City, NY	Annual Scientific Meeting & Technology Showcase

### ONTARIO CHAPTER SCHOLARSHIP PROGRAM SOCIETY FOR COSMETIC CHEMISTS



The support of Cosmetic Science Education and Research are central to the goals of the Society of Cosmetic Chemists (SCC). The Ontario Chapter has developed a Scholarship Program available to Canadian University, College or High School students. In the past, the \$1000.00 award has been presented to students from the University of Toronto, University of Waterloo and University of Guelph. The program began in 2003 and 14 students have received awards in the past.

The program is open to any student planning to complete research related to cosmetic science. Interested students are invited to submit a

brief, one page research outline to Dennis Zuccolin, Director of Scholarships at <a href="mailto:dzuccoli@maccosmetics.com">dzuccoli@maccosmetics.com</a>. The scholarship applications will be reviewed by the SCC Ontario Chapter Board members. Students awarded a scholarship can also apply for additional support (up to \$1000.00) to cover research and development costs, training and conference expenses.

Successful candidates are encouraged to attend SCC meetings, volunteer at events, collaborate with members of the Society, prepare a poster presentation, write an article for the newsletter and/or make a brief oral presentation on their research at a chapter meeting.

#### NORTHERN HIGHLIGHTS STAFF

PUBLISHER: ROB QUINLAN ph: 905-339-3309 robq@tempo.ca

TEMPO CANADA ULC fax: 905-339-3385

EDITOR: MICHELE LARRY ph: 905-339-3309 michelel@tempo.ca

TEMPO CANADA ULC fax: 905-339-3385

ADVERTISING: VERA MATOVINA ph: 416-766-1254 vera@plantpower.ca

#### **MEMBERSHIP**

For those who would like to become members, yearly fees are \$140 US. Applications are available from your Executive Committee or on-line at <a href="https://www.SCCOnline.org">www.SCCOnline.org</a>.

Please return the completed form at your convenience and reap the benefits of the SCC. For renewal memberships, please send payments directly to the SCC National Office. For your convenience, National will accept payment by **VISA**, **Mastercard or AMEX**. Please contact National for details.



# Dedicated to the Advancement of Cosmetic Science

# Address Changes??

Throughout the year many of our members change jobs or relocate and forget to notify the National Office. Without notification, these members may not receive Important mailings and eventually are made inactive. We have created a form that is now available on the SCC website which allows members to make changes to their information and it is sent to the National office. Please visit the following website to make your changes;

http://www.scconline.org





# The SCC Ontario Chapter's Newsletter

135 Shuh Avenue Kitchener, ON, N2A 1H4

#### **SEPTEMBER 2014**

Volume LXIV

#### **2014 Ontario Chapter Officers**

#### Chair

Andrea Boylan
Andicor Specialty Chemicals Corp.
590 Abilene Drive
Mississauga, ON L5T2T4
Ph: (905) 795-0911
Fax: (905) 795-0912
andrea.boylan@andicor.com

#### Chair Elect

Dorothy Maraprossians
Unipex Solutions
6660 Financial Drive
Mississauga, ON L5N7J6
Ph: 905-601-8766
Fax: 905-812-0672
dorothy.maraprossians@unipexsolutions.ca

#### Secretary

Monika Melao Charles Tennant & Company 34 Clayson Rd. Toronto, ON M9M 2G8 Ph: (416) 741-9264 Fax: (416) 741-6642 mmelao@ctc.ca

#### **Treasurer**

Gary Baker GE&B Marketing 135 Shuh Avenue Kitchener, ON N2A 1H4 Ph: 519-896-1168 Fax: 519-896-7350 gary@geandb.com

#### **Directors Area II**

Bart Maxon Ph: 989-496-3035 Fax: 989-496-5508

bart.maxon@dowcorning.com

Perry Romanowski Brains Publishing Ph: 708-207-7642 Perry.romanowski@gmail.com

#### **Past Chair**

Zohreh Fakhim Univar Canada 64 Arrow Road, North York, ON, M9M2L9 Ph: (416) 740-5300 Fax: (416) 740-2227 Zohreh.Fakhim@univarcanada.com

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### SCC ONTARIO EDUCATION DAY

"Claim Substantiation and Skin Aging Seminar" -Nava Dayan, PhD

THURSDAY SEPTEMBER 18TH, 2014

#### PRE-REGISTRATION IS REQUIRED FOR THIS MEETING

If you prefer you can reserve a spot by email or fax. Send us a note that you will be there. We will confirm receipt of your reservation. You can then either bring the payment with you or put it in the mail. Please make your reservation prior to September 15th, 2014.

#### Please note:

Should you register and not attend you will be invoiced the meeting fee.

Students must have their payment in by Monday prior to the meeting. To make your reservation today contact Gary at:

gary@geandb.com

or by fax at (519) 896-7350 OR on-line at: http://www.ontarioscc.org/registration.htm

### SCC ONTARIO EDUCATION DAY

"Claim Substantiation and Skin Aging Seminar"
-Nava Dayan, PhD

THURSDAY SEPTEMBER 18th, 2014

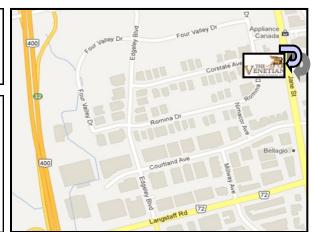
Location: The Venetian Banquet & Hospitality Centre

219 Romina Drive, City of Vaughan,

ON, L4K 4V3 (tel: 905-264-9960)

-Costs for the day-\$75 for members \$130 for non-Members \$30 for students Register now

http://www.ontarioscc.org/registration.htm



#### Abstract:

The FDA and the FTC are carefully watching cosmetic products for non-substantiated misleading claims. If the claim is indeed misleading the consumer and drives to a purchase of a product that will not deliver its premise- this is an ethical matter. With the skin care industry striving to produce safer products, it should also further stream its scientific resources towards testing products for their activity on the skin and provide fair translation into claims. Common criteria for justification of claims are a challenging aspect in product development since it needs to be customized for the purpose of use and nature of the product developed. Of specific growing interest are claims associated with prevention and affecting skin aging and its clinical manifestation. This seminar is tailored to provide key aspects in the establishment of best practice to be applied in experimental design and tie it into the regulatory framework rationale. Examples for skin aging claims will be discussed as well as correlation to current scientific knowledge in skin aging key biochemical cascades.

#### 8:00 - 8:30 AM: Registration

#### 8:30 - 10:00 AM

- ♦ Cosmetic vs. physiological claims
- ◆ FDA requirement for "substantial evidence"
- ♦ Translation of data into fair claims
- ♦ The stratum corneum structure
- ♦ Structural changes
- ♦ Skin aging

#### 10:15-12:00

- The function premise translation of data into claims:
- ♦ In vitro studies
- ♦ Enzymatic studies
- ♦ Cell cultures

#### 12:00-1:00 Lunch Break

#### 1:00-2:30 PM

- ♦ Identifying site of activity
- ♦ The therapeutic index concept
- ♦ Clinical study design:
- ♦ Panel size and statistical significance
- Validity of pilot runs
- ♦ Subjective vs. quantitative evaluation
- ♦ Consumer feedback and questionnaire
- ♦ Activity of raw materials vs. finished formulation
- ♦ Duration of activity

#### 2:45 - 4:30 PM

- ♦ Ethical consideration
- ♦ Review and summary

#### Bio:

Nava Dayan, PhD, is founder and president of a skin science and research consultancy serving the pharmaceutical, cosmetic, and personal care industries. Dr. Dayan's 24 years of experience in the greater skin care segment, have yielded more than 150 publication credits in numerous industry-respected journals four books, as well as an In-Cosmetics Gold Award for innovation and commensurate recognition from the NYSCC and the CRS for excellence. Dayan holds a PhD in

Dr. Nava Dayan, LLC

pharmaceutics from the Hebrew University in Jerusalem and is the bearer of several patent applications for original work in skin actives and delivery systems. Dr. Dayan services focus on innovation, bridging technology to industry, identifying paths in product development, efficacy claims, safety assessment, skin absorption, increased efficacy and strategies to attenuate adverse effects.



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## 14th Annual SCC Ontario Chapter Golf Tournament

The weather couldn't have been better for a great day out with friends and colleagues on the

links in the rolling hills of Caledon!! On July 22nd our 14<sup>th</sup> annual SCC Ontario Chapter Golf Tournament was again held at **Caledon Woods Golf Club** north of Bolton! As a "Club Link" course our SCC members were well taken care of by the staff. We had a wonderful turnout with 97 attendees which included both golfers and dinner guests!

To all the golfers who attended, again thank you for your participation!

Esteemed winners of our two flights were as follows:

FLIGHT A: Craig Broijer, Tim Ewing, Sam Maduri, Doug Morin

FLIGHT B: Walter Schlichtig, Toby Bajzik, Brian Plath, Neil Shah

We also held five skills competitions. The most skillful of our group were:

Longest Drive Ladies: Cheryl Kunka Longest Drive Men: Toby Bajzik Closest to the Pin Men: Dag Enhorning Closest to the Pin Ladies: Paige Mcpeake Closest to the Line: Melanie Jones

No matter how large or small the event, there is always a lot of work that goes into it and this golf tournament is no exception.

A special thank you goes out to **Gagan Jain** and **Craig Broijer** for their time and effort in organizing this grand event. Next year's plans are already in the works!

Again we thank our good friend **Wayne Fretz** who took a great series of pictures at the event which can be viewed at;

http://www.ontarioscc.org/gallery19.htm

# A special THANK YOU to our valued contributors...

Support of this event was overwhelming, and thanks to the generosity of our suppliers and manufacturers almost every golfer finished the day with a prize.

#### Prize Donation Contributors:

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# SCC -About Our Organization

Dedicated to the advancement of 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 reach our goal of improving the qualifications of cosmetic scientists. Our mission is to further the interests and recognition of cosmetic scientists while maintaining the confidence of the public in the cosmetic and toiletries industry.

Comprised of over 4,000 members, the Society of Cosmetic Chemists was founded in 1945 to promote high standards of practice in the cosmetic sciences. We serve as a focus and provide the proper forums for the exchange of ideas and new developments in cosmetic research and technology.

Since 1948 Chapters have been the lifeblood of the Society of Cosmetic Chemists. We now have 19 Chapters throughout the United States and Canada which conduct monthly meetings, educational seminars, suppliers' days and publish monthly newsletters. These Chapters are run by dedicated volunteers who lend their time and expertise to the smooth and efficient operation of each Chapter.

Download an application: http://www.scconline.org/website/about\_scc/member\_application.htm



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Prepare ingredient listing, product specification and manufacturing procedures

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Minimum 2 year experience in a cosmetic laboratory with formulation and product development experience.

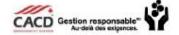
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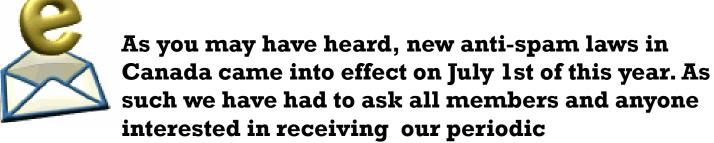
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Authors are invited to submit titles and abstracts of no more than 150 words for original papers to be presented in podium format. All topics related to cosmetic science will be considered for presentation. Topics of particular interest for submission of abstracts are:

- Color Cosmetics (Formulation and Performance for Skin)
- Fragrances in the Cosmetic Industry (Fine Fragrances, Regulations, Fragrancing Personal Care Products)
- Basics of Cosmetic Formulations (Emulsion & Surfactant Chemistry)
- Topical Delivery Systems (Liposomes, Encapsulations, Microemulsions, Devices)
- Current Regulations affecting the Cosmetic Industry (US Regulations, OTC Products, cGMPs)
- Online Formulating and Research Tools for the Cosmetic Chemist (Social Media, Computer Apps, Websites, Databases)
- Emerging Trends and Innovations in the Cosmetic Industry

SUBMISSION DEADLINE: MAY 2, 2014

All abstracts must be submitted online at our website www.scconline.org.

After acceptance of abstracts by the Committee, all presenters will be required to submit preprints 12 weeks prior to presentation (minimum of 600 words, maximum of 2 pages, including figures). All presenters will be eligible for the Shaw Mudge Award sponsored by BASF Corporation, which is given for the Best Paper presented at the Society's Annual Meeting. The honorarium for this award is \$2,500. Presenters are required to register for the Meeting.



Contact Vera at vera@plantpower.ca

#### **Industry News**

#### GATTEFOSSÉ CANADA ANNOUNCES ADDITION TO THEIR SALES TEAM

July 16, 2014, Etobicoke, ON, Canada – Gattefosse Canada Inc. is pleased to announce that Ms. Taleen Chouljian has joined our management team as our Executive Director, Sales and Business Development.

She will be responsible for Personal Care and Pharmaceutical industries in Canada. She comes to us with over 25 years of experience in the health care & personal care industry and has in-depth knowledge of the diagnostic, pharmaceutical, nutraceutical, food, feed and cosmetic markets. She is a University of Toronto graduate with a B.Sc. in Nutritional Science and Human Physiology. Taleen also attained her M.B.A. from the Rotman School of Management at the University of Toronto. She began her career in Clinical Diagnostics with Boehringer Mannheim Canada and then transitioned into the Specialty Fine Chemicals field and further developed her career with EMD Chemicals, L. V. Lomas and most recently Unipex Solutions Canada.

Gattefossé is a French privately owned company, headquartered in Saint-Priest (Lyon, France) and present in over 60 countries worldwide. Founded in 1880, the company specializes inn the creation, development, manufacture and marketing of specialty ingredients and innovative formulation solutions for the global Health and Beauty industries.

#### **Press Contact**

Lauren DelDotto T: +1 201 265 4800 ldeldotto@gattefossecorp.com www.gattefosse.com



# SCC Member Dues Renewal

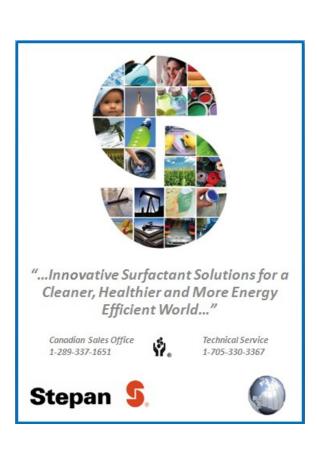
Renewal notices for 2015 membership were sent out in



August. The second notices will be sent in early October and final notices will be sent at the end of November. Dues fees are US\$140.00.

Please note you can now renew ON-LINE! Go to www.SCCOnline.org and follow the links.

Members who do not renew by December 31st will be made inactive.





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# Joe Schwarcz's The Right Chemistry: Paraben phobia is unjustified



The public mistrust of preservatives can be traced back to a 2004 paper by Dr. Philippa Darbre of the University of Reading

Stories about recalls of various consumer products are all too common these days, but one about contaminated children's sunscreen lotion caught my attention. Not because it posed a significant risk, which it didn't, but because the report mentioned "glucono delta lactone." This is a compound I worked with extensively back in my graduate school days, using it as a starting material for the synthesis of various carbohydrates. What was it doing now, in a story about a sunscreen recall?

Cosmetic products, particularly those that are water-based, are prone to contamination by bacteria, moulds and fungi. This is not only a "cosmetic" problem, as it were, it is also a health issue. One would therefore presume that the inclusion of preservatives to ensure a safe product would be seen by consumers as a positive feature, but such is not the case. Preservatives are regarded by many as nasty chemicals that are to be avoided.

This mistrust can be traced back to a 2004 paper by Dr. Philippa Darbre of the University of Reading that described finding traces of parabens, a commonly used class of preservatives, in breast tumours. The study received extensive press coverage, with few accounts pointing out that there had been no control group. Since parabens are widely used in foods and cosmetics, they can conceivably be detected in most everyone.

Although Darbre admitted that the presence of parabens did not prove they caused the tumours, she did alarm women by pointing out that these preservatives have estrogen-like activity and that such activity has been linked to breast cancer. What she failed to mention was that the estrogenic activity of the various parabens is thousands of times less than that of estrogenic substances found in foods such as soybeans, flax, alfalfa and chickpeas, or indeed of the estrogen produced naturally in the body.

Regulatory agencies around the world have essentially dismissed Darbre's study and maintain that there is no evidence linking parabens to cancer. Dr. Darbre, undoubtedly disturbed by being rebuffed, has continued to publish research about parabens, attempting to justify her original insinuation of risk. Her latest paper describes the enhanced migration of human breast-cancer cells through a laboratory gel after 20 weeks of exposure to parabens. One is hard pressed to see the relevance of this "in vitro" experiment to the use of 0.8% parabens in a topically applied cosmetic.

Nevertheless, because of the concerns that have been raised about parabens and other synthetic preservatives, the cosmetics industry is turning toward the use of "natural" substances that have an unjustified public image of being safer.

As I have said many times before, the safety and efficacy of a chemical does not depend on whether it was made by a chemist in a lab, or by Mother Nature in a bush.

Its chemical and biological properties depend on its molecular structure and the only way to evaluate these is through appropriate experiments.

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# TRIVIA (see answers pg 22)

## WHO SAID THAT?

1.	"That's all folks."
2.	"Champagne wishes and caviar dreams."
3.	"You miss 100 percent of the shots you never take"
4.	"I'm going to make him an offer he can't refuse."
5.	"You must be the change you wish to see in the world."
6.	"Resistance is futile."
7.	"Today you are you! That is truer than true! There is no one alive who is you-er than you."
8.	"My momma always said, 'Life was like a box of chocolates. You never know what you're gonna get."
9.	"I have a dream that one day on the red hills of Georgia, the sons of former slaves and the sons of
	former slave owners will be able to sit down together at the table of brotherhood."
10	. "Two things are infinite: the universe and human stupidity; and I'm not sure about the universe."
11.	. "I'll be back…"
12	. "May the Force be with you."
13	. "D'oh!"
14	. "This is one small step for a man, one giant leap for mankind."





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## **Programs and Privileges** Of SCC Membership

Journal - Membership includes subscription to the **Journal of Cosmetic** Science, the Official Journal of the Society of Cosmetic

Chemists. The Journal contains technical papers on topics of interest to cosmetic scientists and is distributed six times per year.

**Meetings & Seminars** - The Society holds its Annual Scientific Meeting each December and its Annual Scientific Seminar each May. The Meetings and Seminars provide a forum for an exchange of current findings and technology on topics of global interest in cosmetic science.

**Continuing Education Programs - Our** CEP Programs are short courses taught by practicing cosmetic scientists and perfumers, all acknowledged experts in their disciplines.

**Chapters** - Each member is assigned to one of seventeen Chapters throughout the United States and Canada, according to his or her geographic location. Chapters hold local scientific meetings throughout the year, and many publish their own newsletters.

I.F.S.C.C. - The Society of Cosmetic Chemists is one of 42 member organizations within the International Federation of Societies of Cosmetic Chemists.



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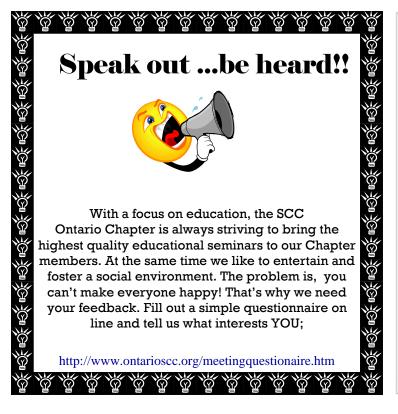


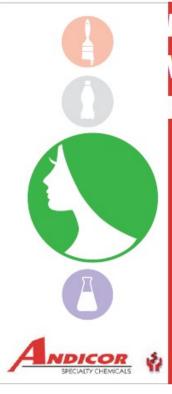


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#### Continued from pg 13

It is through such experiments that glucono delta lactone's ability to impair the multiplication of microbes was determined. In solution, the compound slowly converts to gluconic acid, creating an inhospitable acidic environment for bacteria and fungi. Marketing-wise, glucono delta lactone can be labelled as "natural" because it can be found in honey and various fruits where it is formed from glucose by the action of enzymes released from the Aspergillus niger, a ubiquitous soil fungus that commonly taints plants.

Industrially, glucono delta lactone is produced by fermenting glucose derived from corn or rice with the same fungus. But acidification alone is not enough to eliminate the risk of microbial contamination, so the producers of the children's sunscreen turned for help to that spicy mix of vegetables known as kimchee.

Korea's national dish is traditionally made by fermenting cabbage, cucumber and radishes with the bacterium, Leuconostoc kimchii. One of the products secreted by the bacteria during the fermentation process is a peptide (a short chain of amino acids) that has antimicrobial properties.

"Leucidal Liquid" is a commercial extract of the antimicrobial peptide produced by the action of Leuconostoc kimchii on radishes. In combination with glucono delta lactone, it forms an effective preservative system; but as evidenced by the sunscreen recall, not in all cases. The lotions were free of contaminants before being shipped to retailers but some samples on the shelf were later found to contain bacteria and fungi that could have caused a problem if absorbed through cuts or lesions.

Contamination would most likely not have occurred if parabens, a far more effective preservative, had been used. But the label could then not have declared the product to be "natural."

And here we have a curiosity.

Compounds in the parabens family actually do occur in nature. Methylparaben can be found in blueberries and interestingly, in the secretions of the female dog where it acts as a pheromone notifying the male that its advances are welcome. But since extracting parabens from berries or canine secretions is not commercially viable, the compounds are produced synthetically. This means that even though the final product is identical to that found in nature, it cannot legally be called "natural."

A further issue, at least in the eyes of the chemically unsophisticated, is that benzene, the starting material for the synthesis, is derived from petroleum. Thanks to activist dogma, labelling any chemical these days as "petroleum-based" is tantamount to calling it toxic.

So far, no manufacturer has tried to counter this assault by describing petroleum as an organic substance formed through the natural decomposition of biological matter by soil-dwelling microbes, but similar seductive innuendo about "natural" ingredients is not uncommon in the cosmetics industry.

Phenoxyethanol is sometimes advertised as a natural alternative to parabens because it occurs in green tea, but in fact is commercially made from petroleum-derived phenol.

Some companies tout sodium hydroxymethylglycinate as a natural preservative, basing on the fact that it is made from glycine, an amino acid abundant in the human body. But glycine has to be put through a series of synthetic modifications to produce the preservative.

The demonization of synthetic preservatives has led not only to the glorification of less-effective natural products but to a host of "preservative-free" ones as well. These should only be trusted if they come in either single-use vials, or if the sterilized contents are sealed in a container with a pump that prevents entry of microbes when it is used.

Otherwise "preservative-free" can quickly become "bacteria-filled."







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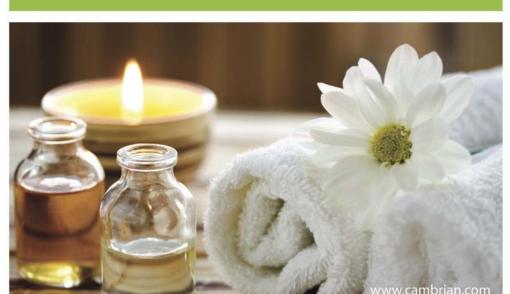
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#### TRIVIA ANSWERS (see pg 16)

1. Bugs Bunny	4. Vito Corleone/ Marlon Brando	7. Dr. Seuss	10. Albert Einstein	13. Homer Simpson
2. Robin Leach	5. Gandhi	8. Forrest Gump/ Tom Hanks	11. The Terminator/ Arnold Schwar- zenegger	14. Neil Armstrong
3. Wayne Gretzky	6. Borg/Picard	<ol><li>Martin Luther King Jr</li></ol>	12. Han Solo/ Harrison Ford	



....to the winning table at our May 22nd meeting with a score of 13/14 comprised of Liz Peitsis, Mary Seifi, Dorothy Maraprossians, Rob Quinlan, John Nikolaou, Sherry Archer, Peggy Woessmann and Christelle Guyomard.

# **New SCC Ontario Survey Launched**

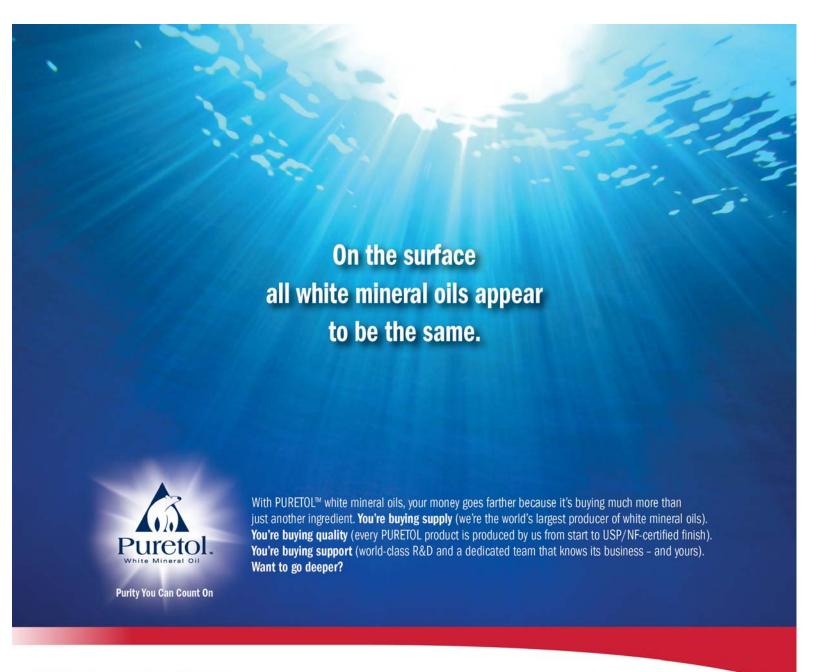
The SCC Ontario board is happy to announce the launch of our new survey!

As a member of the SCC Ontario chapter or someone who is interested in our chapter and attends the occasional meeting and/or function we are looking for your feedback.

Please take a moment to complete our brief survey and let us know what you like, and don't like as well as how we may improve on what we are doing.

Our objective as a society is the advancement of cosmetic science, which of course we all have a vested interest in! So why not do it in a way that educates as well as entertains!

www.ontarioscc.org/sccsurvey.htm





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# Presenters Welcome!!!



The SCC Ontario Chapter board is currently accepting submissions for presentations! Interested parties can submit a presentation abstract and a biography. Your talk may be accepted for either a Chapter meeting or Education Day.

Please send all enquiries to Andy Halasz (speaker coordinator) at

ahalasz@rogers.com

### NEWSLETTER POSTING DATES FOR 2014

Here are the dates for 2014 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- January 20th
- March 18th
- May 5th
- August 28th
- October 16th



(or as close as we can get)

Should posting dates change throughout the year the most up to date list can be found at

http://www.ontarioscc.org/newsletters.htm







# **PARIS 2014**

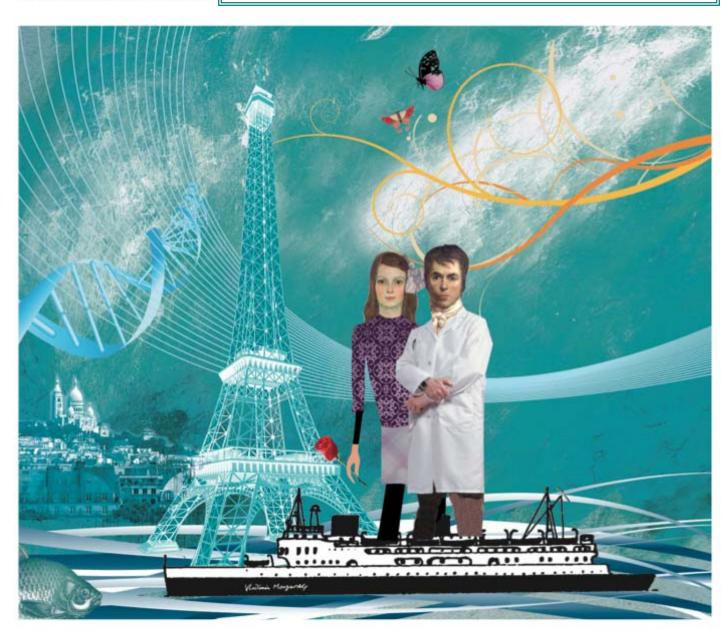
28th CONGRESS October 27th to 30th

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Please make sure to register to attend the IFSCC 28<sup>th</sup> Paris Congress on October 27<sup>th</sup> to 30<sup>th</sup>. The chosen theme "Cosmetic innovation and performance for beauty and well-being" summarizes the important trends in the cosmetology of the future. The quality of the conferences and the reputation of the international speakers will assure you a high standard of scientific information and lead to many fruitful exchanges. You can register at;

www.ifscc2014.com









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## **UPCOMING EVENTS**

September 18th, 2014 The Venetian, Vaughan ON	SCC Ontario Education Day- "Claim Substantiation and Skin Aging Seminar" -Nava Dayan, PhD
November 6th, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting
November 28th, 2014 The Venetian, Vaughan ON	SCC Ontario Holiday Dinner Dance
December 11-12th, 2014 New York City, NY	Annual Scientific Meeting & Technology Showcase
July 21st, 2015 Caledon Woods Golf Club, Bolton ON	SCC Ontario 15th Annual Golf Tournament

# ONTARIO CHAPTER SCHOLARSHIP PROGRAM SOCIETY FOR COSMETIC CHEMISTS



The support of Cosmetic Science Education and Research are central to the goals of the Society of Cosmetic Chemists (SCC). The Ontario Chapter has developed a Scholarship Program available to Canadian University, College or High School students. In the past, the \$1000.00 award has been presented to students from the University of Toronto, University of Waterloo and University of Guelph. The program began in 2003 and 14 students have received awards in the past.

The program is open to any student planning to complete research related to cosmetic science. Interested students are invited to submit a

brief, one page research outline to Dennis Zuccolin, Director of Scholarships at <a href="mailto:dzuccoli@maccosmetics.com">dzuccoli@maccosmetics.com</a>. The scholarship applications will be reviewed by the SCC Ontario Chapter Board members. Students awarded a scholarship can also apply for additional support (up to \$1000.00) to cover research and development costs, training and conference expenses.

Successful candidates are encouraged to attend SCC meetings, volunteer at events, collaborate with members of the Society, prepare a poster presentation, write an article for the newsletter and/or make a brief oral presentation on their research at a chapter meeting.

#### NORTHERN HIGHLIGHTS STAFF

PUBLISHER: ROB QUINLAN ph: 905-339-3309 robq@tempo.ca

TEMPO CANADA ULC fax: 905-339-3385

EDITOR: MICHELE LARRY ph: 905-339-3309 michelel@tempo.ca

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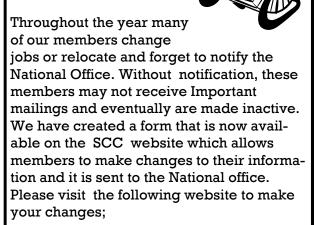
For those who would like to become members, yearly fees are \$140 US. Applications are available from your Executive Committee or on-line at <a href="https://www.SCCOnline.org">www.SCCOnline.org</a>.

Please return the completed form at your convenience and reap the benefits of the SCC. For renewal memberships, please send payments directly to the SCC National Office. For your convenience, National will accept payment by **VISA**, **Mastercard or AMEX**. Please contact National for details.



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# Address Changes??



http://www.scconline.org





# The SCC Ontario Chapter's Newsletter

135 Shuh Avenue Kitchener, ON, N2A 1H4

#### OCTOBER 2014

Volume LXV

#### **2014 Ontario Chapter Officers**

#### Chair

Andrea Boylan
Andicor Specialty Chemicals Corp.
590 Abilene Drive
Mississauga, ON L5T2T4
Ph: (905) 795-0911
Fax: (905) 795-0912
andrea.boylan@andicor.com

#### **Chair Elect**

Dorothy Maraprossians
Unipex Solutions
6660 Financial Drive
Mississauga, ON L5N7J6
Ph: 905-601-8766
Fax: 905-812-0672
dorothy.maraprossians@unipexsolutions.ca

#### Secretary

Monika Melao Charles Tennant & Company 34 Clayson Rd. Toronto, ON M9M 2G8 Ph: (416) 741-9264 Fax: (416) 741-6642 mmelao@ctc.ca

#### **Treasurer**

Gary Baker GE&B Marketing 135 Shuh Avenue Kitchener, ON N2A 1H4 Ph: 519-896-1168 Fax: 519-896-7350 gary@geandb.com

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#### **Past Chair**

Zohreh Fakhim Univar Canada 64 Arrow Road, North York, ON, M9M2L9 Ph: (416) 740-5300 Fax: (416) 740-2227 Zohreh.Fakhim@univarcanada.com

# SCC ONTARIO CHAPTER MEETING

"Putting Anti-aging Beauty Products to Test"

by Good Housekeeping magazine
-Birnur Aral

**NOVEMBER 6TH, 2014** 

#### PRE-REGISTRATION IS REQUIRED FOR THIS MEETING

If you prefer you can reserve a spot by email or fax. Send us a note that you will be there. We will confirm receipt of your reservation. You can then either bring the payment with you or put it in the mail. Please make your reservation prior to November 3rd, 2014.

#### Please note:

Should you register and not attend you will be invoiced the meeting fee.

Students must have their payment in by Monday prior to the meeting. To make your reservation today contact Gary at:

gary@geandb.com or by fax at (519) 896-7350 OR on-line at: http://www.ontarioscc.org/registration.htm

# "Putting Anti-aging Beauty Products to Test" by Good Housekeeping magazine

-Birnur Aral

#### **NOVEMBER 6TH, 2014**

Location: The Venetian Banquet & Hospitality Centre

219 Romina Drive, City of Vaughan, ON, L4K 4V3 (tel: 905-264-9960)

Time: 5:00 p.m. Cocktails

6:00 p.m. Dinner

7:00 p.m. <u>Presentation</u>

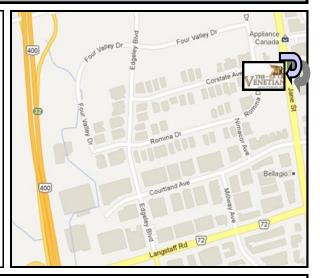
8:00 p.m. Adjournment

Fees: \$45 pre-paid SCC member

\$55 pre-paid non-member

\$10 pre-paid student

\$60 at the door



#### Abstract:

The talk will cover the approach to testing anti-aging skin, hair, and make-up products at Good Housekeeping in the last 5 years. Highlights will be given of their results and learnings, consumers habits and aspirations as well as their unmet needs in the anti-aging beauty market.

#### Bio:

Birnur Aral is a scientist with M.Eng. and Ph.D. degrees in Chemical Engineering. She has held various responsibilities in industries ranging from instrumentation, to personal care, to fragrance, and most recently publishing and media. She has published more than 10 articles in the area of rheological behavior of highly concentrated suspensions. From her R&D days at Unilever, she holds several patents in the personal wash area.

At the Good Housekeeping Institute, Birnur and her team of scientists evaluate products designed to meet health and beauty needs of consumers. Their product tests and investigations have ranged from self-tanning lotions to eye makeup removers, from facial moisturizers with SPF to efficacy of water purifiers in taking out emerging contaminants, and more.

Launched in 2010, her group's testing is behind the success of Good Housekeeping Magazine's yearly Beauty Awards. She has also contributed to the brand's 2013 book "7 Years Younger", comprising a 7-week holistic plan to looking and feeling younger. Most recently, Birnur started the Certificate in Sustainability Analytics Program at Columbia University and hopes to make a difference in channeling consumer and industry behavior towards becoming more sustainable. You can follow Birnur on Instagram and Twitter.

#### About Good Housekeeping

Founded in 1885, Good Housekeeping magazine reaches 19 million readers each month through print and 10 million through the goodhousekeeping.com and millions more through social media. The Good Housekeeping Institute, the consumer product evaluation laboratory of Good Housekeeping magazine, was founded in 1900. The Institute is dedicated to improving the lives of consumers and their families through education and product evaluation. Scientists in the labs evaluate products for the Good Housekeeping Seal, which is backed by a two-year limited warranty, and the Green Good Housekeeping Seal, an environmental overlay to the primary Seal. It helps consumers choose products that are environmentally responsible on a wide range of criteria. In addition to its U.S. flagship, Good Housekeeping publishes 10 editions around the world. Hearst Magazines is a unit of Hearst Corporation, one of the nation's largest diversified media and information companies. With 21 titles in the U.S., Hearst is the leading publisher of monthly magazines in terms of total paid circulation (AAM 1H 2014) and reaches 83 million adults (Spring 2014 MRI; includes HGTV prototype). Follow Good Housekeeping on Facebook, Twitter, Instagram, Pinterest and on the Inside the Institute blog.



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On November 28th, 2014 the SCC Ontario Chapter will be holding its Eighteenth Annual Holiday Dinner Dance at The Venetian Banquet & Hospitality Centre, 219 Romina Drive, City of Vaughan, ON, L4K 4V3 (tel: 905-264-9960)

Start the evening at 6:00 p.m. by enjoying the specialties from the antipasto table. Dinner will follow at 7:00 p.m. SHARP. The dance floor will open until 1:00 a.m. and you can enjoy a sweets table at 11:00 p.m.



Our first "Toy Mountain" toy drive. See details on the next page!

Also new this year, Music and Entertainment will be provided by Matt Dean Productions. http://www.mattdean.com/booking.html



PLEASE NOTE...this is a first come first serve event!

Attendance has grown each year and space is limited so please book soon!



The price is \$100 per person. Corporate tables of 8 at \$800 or 10 at \$1000 are also available. Single table of eight minimum.

Please RSVP using the form on page 6 by faxing **Dorothy Maraprossians** at 905-812-0672 or email dorothy.maraprossians@unipex.com or call 905-601-8766 by **November 22nd**.

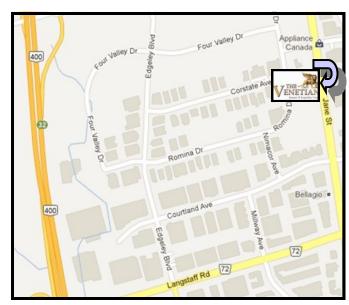
Our Holiday Dinner Dance is always a huge success as it gives us all the opportunity to gather together for an informal evening. Mark your calendars now and RSVP soon.

### MENU

Soup – Tomato & Roasted Red Pepper
Bisque

Salad – Venetian Cucumber Wrapped
Salad (served before the main course)
Risotto – Risotto with Asparagus
Entrée – Fillet Mignon
Entrée – Fillet of Sea Bass

Vegetable – Broccoli & Red and Yellow
Peppers
Potato – Grilled Sweet Potato
Dessert – Tartufo



## **Attention Party Goers!**

In anticipation of the upcoming holiday season,
the Ontario chapter of the Society Of Cosmetic Chemists
is excited to help local disadvantaged
children and teens have a happier holiday.

We would like to encourage all who will be joining us at the upcoming

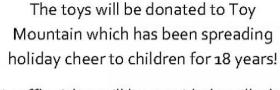
#### Holiday Dinner Dance

to bring a new and unwrapped toy of a \$10 minimum value to the event.









A raffle ticket will be provided to all who donate, which will enter you into a draw for our grand cash prize!

Happy holidays to all, from the SCC Ontario Chapter board members.







## Holiday Dinner Dance R.S.V.P.

Friday, November 28th, 2014

Please reply to Dorothy Maraprossians at 905-601-8766 or email dorothy.maraprossians@unipex.com
(fax) 905-812-0672 by November 22nd, 2014

I/We will be attending,

Name:
Number of Persons:
table(s) of 8 at \$800 per table or
table(s) of 10 at \$1000 per table
number vegetarian meals required
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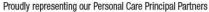
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## SCC -About Our Organization

Dedicated to the advancement of 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 reach our goal of improving the qualifications of cosmetic scientists. Our mission is to further the interests and recognition of cosmetic scientists while maintaining the confidence of the public in the cosmetic and toiletries industry.

Comprised of over 4,000 members, the Society of Cosmetic Chemists was founded in 1945 to promote high standards of practice in the cosmetic sciences. We serve as a focus and provide the proper forums for the exchange of ideas and new developments in cosmetic research and technology.

Since 1948 Chapters have been the lifeblood of the Society of Cosmetic Chemists. We now have 19 Chapters throughout the United States and Canada which conduct monthly meetings, educational seminars, suppliers' days and publish monthly newsletters. These Chapters are run by dedicated volunteers who lend their time and expertise to the smooth and efficient operation of each Chapter.

Download an application: http://www.scconline.org/website/about scc/member application.htm

#### **Job Search**





#### PRODUCT DEVELOPMENT FORMULATIONS CHEMIST

Shandex Personal Care is a member of the Shandex Group, a private Canadian business which is a supplier of Private Label Products to the major retailers in Canada and the US. Our manufacturing site, Shandex Personal Care Manufacturing in Perth Ontario, has a position opening for a Product Development Formulations chemist.

#### Key Responsibilities:

- To develop new personal care formulations for products including bar soaps, liquid soaps, shampoos, etc.
- To design robust processes that support the product development flow from the lab to scale up production.
- To support customers with the formulation of new products.
- To provide technical and regulatory expertise ensuring the products are safe, compliant to regulatory requirements and to support Sales information requirements.

#### Job Requirements:

- A Bachelor of Science degree in Chemistry or a College accreditation in Chemistry, with a minimum of 3 years of related formulation development experience.
- A strong knowledge of raw materials and related technologies in the cosmetic industry.
- Hands on working experience and knowledge of analytical instruments and test methods for conducting chemical and physical testing of cosmetic applications.
- Strong interpersonal, and verbal/written communication skills, able to work independently or a part of an integrated project team.
- A self- motivated individual, organized, detail oriented who can multi-task, and meet dynamic timelines.

#### Send Resume to:

Shandex Personal Care Manufacturing Inc.

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### **SCC ONTARIO EMAIL REGISTRATION**

As you may have heard, new anti-spam laws in Canada came into effect on July 1st of this year. As such we have had to ask all members and anyone interested in receiving our periodic communiqués

from SCC Ontario for permission to be put on our mail list. If you are no longer receiving our emails or want to be included on our circulation list going forward please click on this link below to register;

http://sccontemail.coffeecup.com/forms/sccontemailregistration/

Please note your email information will be used for SCC information purposes ONLY!



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## SOCIETY OF COSMETIC CHEMISTS

#### CALL FOR PAPERS - PODIUM PRESENTATIONS

ANNUAL SCIENTIFIC MEETING & TECHNOLOGY SHOWCASE DECEMBER 11-12, 2014 NEW YORK HILTON HOTEL, NEW YORK CITY

Authors are invited to submit titles and abstracts of no more than 150 words for original papers to be presented in podium format. All topics related to cosmetic science will be considered for presentation. Topics of particular interest for submission of abstracts are:

- · Color Cosmetics (Formulation and Performance for Skin)
- Fragrances in the Cosmetic Industry (Fine Fragrances, Regulations, Fragrancing Personal Care Products)
- Basics of Cosmetic Formulations (Emulsion & Surfactant Chemistry)
- Topical Delivery Systems (Liposomes, Encapsulations, Microemulsions, Devices)
- Current Regulations affecting the Cosmetic Industry (US Regulations, OTC Products, cGMPs)
- Online Formulating and Research Tools for the Cosmetic Chemist (Social Media, Computer Apps, Websites, Databases)
- · Emerging Trends and Innovations in the Cosmetic Industry

SUBMISSION DEADLINE: MAY 2, 2014

All abstracts must be submitted online at our website www.scconline.org.

After acceptance of abstracts by the Committee, all presenters will be required to submit preprints 12 weeks prior to presentation (minimum of 600 words, maximum of 2 pages, including figures). All presenters will be eligible for the Shaw Mudge Award sponsored by BASF Corporation, which is given for the Best Paper presented at the Society's Annual Meeting. The honorarium for this award is \$2,500. Presenters are required to register for the Meeting.



Contact Vera at <a href="mailto:vera@plantpower.ca">vera@plantpower.ca</a>

## Becoming an excellent cosmetic formulator

by PERRY ROMANOWSKI on 09/17/2014

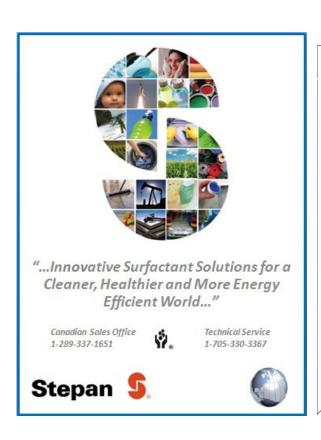
I saw this infographic titled "how to excel as a formulator" which lists 9 things you need to achieve that goal. The 9 tips from George Deckner are great but they could use some expansion. Unfortunately, the article on which the infographic was based does little to expand on the advice. So, I thought I'd do that here.

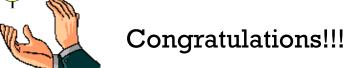


#### 9 steps to becoming an excellent cosmetic formulator

- 1. **Be an innovator not an inventor** An inventor makes a new product and hopes the benefits are so obvious it sells itself. Sometimes they do, but usually they don't. An innovator takes an existing product and makes it better. Since most cosmetic formulation types have already been invented, to be a great formulator you need to focus on innovation.
- 2. Partner with suppliers It used to be that formulators tried to keep their projects a secret but this doesn't make much sense these days. You can get much more accomplished if you outsource as much of your research as you can. Getting suppliers to assist your lab work will help you screen more materials and develop better products faster. Don't worry about secrecy. The formula does not sell the product! Your idea is not unique and the thing that will make it successful is your marketing efforts. Great formulations are important but there are lots of excellent formulas that never achieved market success.
- 3. Develop raw material expertise Being a cosmetic formulator is like being a cook, you just use different ingredients. To become a great formulator you need to know all the ingredients at your disposal. You should make it a point to create & test samples of any new raw material you encounter, even if it is not obvious when you would use it.
- **4. Kill bad prototypes quickly** Don't waste time on technologies that don't have great promise. Whenever you get a new raw material test it at the highest concentration level suggested. If you can't see a performance difference at the highest use level, don't bother testing it at lower levels.
- **5. Manage risk?** I'm not really sure what this means but I suppose the advice could be that you should test things before launching. Ensure that your products are safe and effective before committing to a launch date.
- 6. Sell your ideas As a scientist and formulator you probably didn't get any sales training. However, in the business world people don't really care which surfactant you used or about the clever emulsion technology you developed. They want to know the benefits of your technology and why they or anyone else should want to use it. Learn to tell stories that inspire people to get behind your ideas. And try not to get discouraged. The ideas from R&D people are often ignored in the cosmetic industry.

Continued on pg 24





Clodagh McCarthy was the \$100 winner of our survey contest that ended August 29th. We asked members and non-members for their feedback and suggestions for SCC events and the response was excellent!

Thank you to ALL who participated!

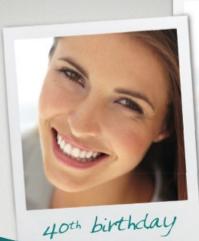


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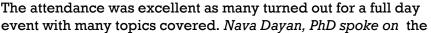
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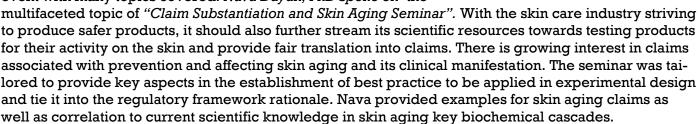
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### "Surprise" FREE Education Day

Members of the SCC Ontario chapter were delighted to be greeted with the news upon arriving at this years Education Day that the event was FREE...that's right if you were a member we did NOT take your money! As a small gesture the Ontario SCC board decided to give back to their loyal members for their years of involvement and participation!







Nava Dayan, PhD, is founder and president of a skin science and research consultancy serving the pharmaceutical, cosmetic, and personal care industries. Dr. Dayan's 24 years of experience in the greater skin care segment have yielded more than 150 publication credits in numerous industry-respected journals, four books, as well as an In-Cosmetics Gold Award for innovation and commensurate recognition from the NYSCC and the CRS for excellence.

nava.dayan@verizon.net

JENETIAN

## SCC Member Dues Renewal

Renewal notices for 2015 membership were sent out in

August. The second notices will be sent in early October and final notices will be sent at the end of November. Dues fees are US\$140.00.

Please note you can now renew ON-LINE! Go to www.SCCOnline.org and follow the links.

Members who do not renew by December 31st will be made inactive.

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### SCC ONTARIO Scholarship Student Approved!

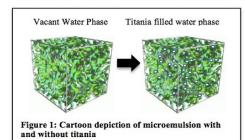
The SCC Ontario board is proud to announce that Marlena Whinton has been approved as our next scholarship student! Marlena is a PhD candidate at McMaster University. We have included Marlena's scholarship overview below. Congratulations Marlena!

McMaster University Hamilton, ON Applicant: Marlena Whinton Email: whintom@mcmaster.ca

#### Nanostructured, Titania Reinforced Silicone Hydrogel-Elastomers

Microemulsions are thermodynamically stable, transparent, and nanostructured liquids consisting of oil, water, and surfactant [1]. They are presently used in applications such as cosmetics, pharmaceuticals, and food additives [2]. These nanostructured dispersions present a huge opportunity to create novel nano-porous elastomer materials with the same unique properties as their liquid templates. My previous work has focused on polymerizing silicone microemulsions and characterizing the phase transition from liquid to hydrogel using Transmission Electron Microscopy and Small Angle X-ray Scattering.

The investigation of microemulsions as templates for structured hydrogel-elastomers is an underdeveloped field of study, despite the numerous industrial applications of such materials, from silicone coatings to personal care products. With respect to personal care applications, silicones are desirable due to their prevalence in a variety cosmetic and hair formulations. Microemulsions, specifically, are a useful material due to their hydrophilic and hydrophobic nature, which



would be advantageous towards solubilizing lipophilic actives [3]. A polymerized microemulsion would also theoretically possess this hydrophilic/hydrophobic duality, which could find potential applications in scar reduction sheets or as acne spot treatments with the ability to deliver topical antimicrobials. In addition, the thermodynamic stability of microemulsions would be highly advantageous over traditional macro emulsion formulations, which require high energy processing techniques and can result in poor long-term stability [3].

My previous work on understanding the polymerization of microemulsions has led to a greater understanding of the factors that

govern domain size in the resulting hydrogel-elastomer, allowing for the creation of

materials with tunable morphology. The aim of this project proposal is to use the previously developed template to synthesize nano-titania in order to achieve transparent UV blocking silicone hydrogel sheets or films.

I propose to create titanium dioxide (TiO<sub>2</sub>) reinforced silicone hydrogel elastomers by using the aqueous phase of the microemulsion template to

hydrolyze a titanium alkoxide precursor. In this way, the size of the Scheme 1: Rapid Hydrolysis of Ti(iOPr)<sub>4</sub> and Condensation of Ti(OH)<sub>4</sub>

titania particles would be limited by the domain size of the microemulsion phase (figure 1). After the hydrolysis of titania, the microemulsion could be UV polymerized to form the desired self-supporting material.

One of the current challenges with creating in-situ titanium-reinforced silicone is that precursor molecules to titanium dioxide are violently reactive in the presence of water, making the hydrolysis process to  ${\rm TiO_2}$  particles hard to control (scheme 1). However, I believe this challenge can be overcome by synthetically tailoring a titanium (IV) molecule through the attachment of a siloxane-type ligand (scheme 2). This would allow for selective solubility of the titanium alkoxide precursor in the silicone phase while being resistant to immediate hydrolysis from atmospheric moisture. The ligand we have chosen is

a trisiloxane surfactant, however, this chemistry would be applicable to modifying a variety of silicone surfactants containing functionalizable end groups.

The proposed titanium-siloxane surfactant molecule would be soluble in silicone and would form nano-titania as the water phase is titrated into the system creating a microemulsion. In summary, this project will focus on the synthesis of a titanium-siloxane ligand, the characterization of titania containing films, and the applications of these films in the delivery of actives.

- 1. Brook, M.A., Whinton, M., Gonzaga, F., and Li, N. (2011). Chem. Commun. 47: 8874-8876.
- 2. Sharma, S. C., et al. (2008). Langmuir. 24: 7658-7662.
- 3. Azeem, A., et al. (2008). Recent Patents on Drug Delivery & Formulation. 2: 275-289.





## Programs and Privileges Of SCC Membership

Journal - Membership includes subscription to the Journal of Cosmetic Science, the Official Journal of the Society of Cosmetic

Chemists. The Journal contains technical papers on topics of interest to cosmetic scientists and is distributed six times per year.

Meetings & Seminars - The Society holds its Annual Scientific Meeting each December and its Annual Scientific Seminar each May. The Meetings and Seminars provide a forum for an exchange of current findings and technology on topics of global interest in cosmetic science.

Continuing Education Programs - Our CEP Programs are short courses taught by practicing cosmetic scientists and perfumers, all acknowledged experts in their disciplines.

Chapters - Each member is assigned to one of seventeen Chapters throughout the United States and Canada, according to his or her geographic location. Chapters hold local scientific meetings throughout the year, and many publish their own newsletters.

I.F.S.C.C. - The Society of Cosmetic Chemists is one of 42 member organizations within the International Federation of Societies of Cosmetic Chemists.



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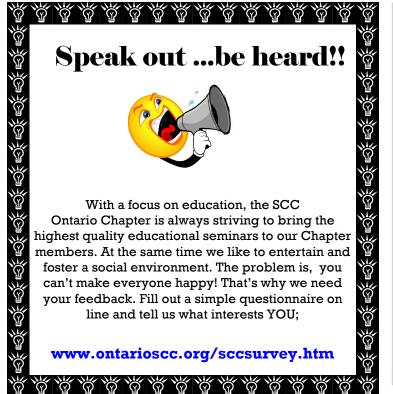
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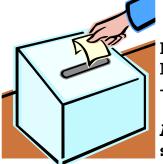
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It is time for elections of the 2015 SCC Ontario Chapter Board Members. We have two positions open for election this year: Chair -Elect and Treasurer.

As a member of the SCC Ontario Chapter you will soon be sent specific instructions on how to cast your vote!

Elections are open to all General Members of the SCC Ontario Chapter. If you have any questions please contact one of the current board members listed below. The newly elected board members will be introduced at the November 6, 2014 meeting. Thank you for taking time to vote. Your support of the SCC Ontario Chapter is greatly appreciated.

#### **2014 SCC Ontario Chapter Board Members**

Position	Name	Phone	Email
Chair	Andrea Boylan	905-795-0911	andrea.boylan@andicor.com
Chair-Elect	Dorothy Maraprossians	905-601-8766	dorothy.maraprossians@unipexsolutions.ca
Treasurer	Gary Baker	519-896-1168	gary@geandb.com
Secretary	Monika Melao	416-741-9264	mmelao@ctc.ca

#### **2015 Ontario Chapter Candidates**

#### TREASURER

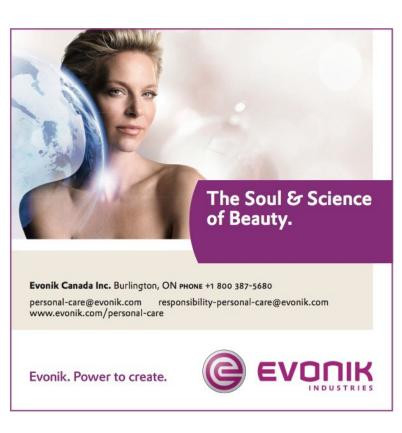
Candidate: Robert Castillo

Robert Castillo is currently an Eastern Canada Product Manager working with the Personal Care Team at Univar. Prior to 2014 Rob was an Account Manager calling on the Personal Care Industry for over 10 years and still has some sales responsibilities along with a sales management role. He had started out at CHEMCENTRAL in 2000 and quickly found a home in the Personal Care Industry and continued this role when they were acquired by Univar in 2007. It was at that time that he joined the SCC and is now also a member of the board.

#### CHAIR ELECT

Candidate: Shahin Kalantari BSC. MSc,

As a Cosmetic Chemist, Shahin has worked in the development of cosmetic and personal care products for more than 25 years. If not the first, he is among the very early industry experts who have introduced organic certification to the North American market, since 2007. Shahin has been involved in many national and international organic associations. He has been a board member of the SCC Ontario Chapter since 2008. He resides in Toronto, Ontario with his family. Shahin is President of d'Avicenna Incorporation, while serving National brands and personal care manufacturing in natural products and Quality operating systems development.







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- 7. Benchmark your formulas Excellent idea. There is no reason you shouldn't be able to create a formula that works as well as the best performing cosmetic products on the market. Here you can learn to benchmark cosmetic formulas.
- **8. Quickly identify killer issues?** I'm not sure what this advice means but perhaps the suggestion is to think through the entire production process and address potential issues. Know whether your suppliers are going to be reliable or whether your lab formulation can still be produced on a large manufacturing scale.
- 9. Archive your knowledge You are going to learn a lot over time and you are going to forget most of it. You should have a way to relearn information and keeping a digital archive is a great way to do that. Write notes about what you learned from every project. Keep copies of articles you found particularly helpful. Using a service like Dropbox or Evernote is a great way to keep your information online and secure. So there you have it, 9 expanded tips on how you can become an excellent cosmetic formulator. Thanks to George Deckner for the original info graphic.

Article courtesy of www.chemistscorner.com

## **New SCC Ontario Survey Launched**



The SCC Ontario board is happy to announce the launch of our new survey!

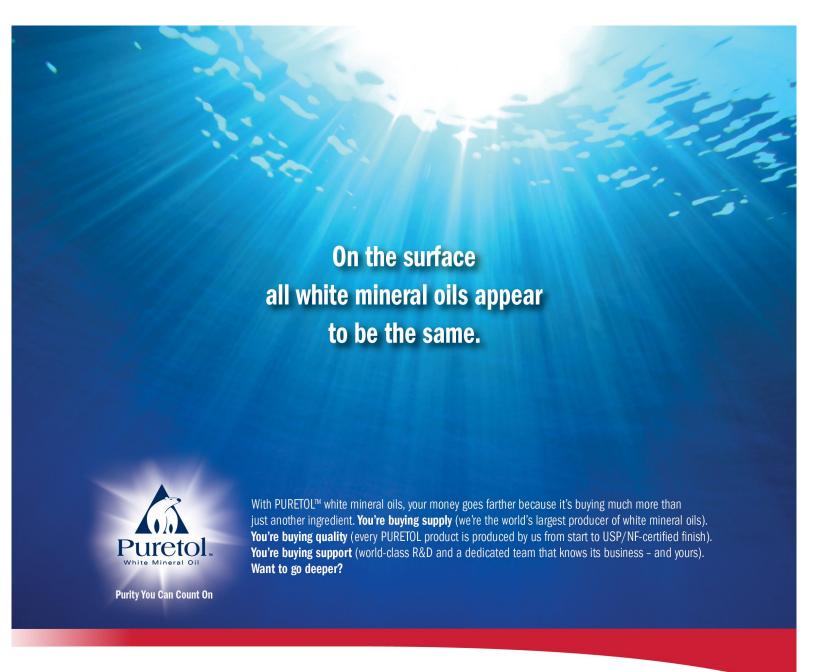
As a member of the SCC Ontario chapter or someone who is interested in our chapter and attends the occasional meeting and/or function we

are looking for your feedback.

Please take a moment to complete our brief survey and let us know what you like, and don't like as well as how we may improve on what we are doing.

Our objective as a society is the advancement of cosmetic science, which of course we all have a vested interest in! So why not do it in a way that educates as well as entertains!

www.ontarioscc.org/sccsurvey.htm





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## Presenters Welcome!!!



The SCC Ontario Chapter board is currently accepting submissions for presentations! Interested parties can submit a presentation abstract and a biography. Your talk may be accepted for either a Chapter meeting or Education Day.

Please send all enquiries to Andy Halasz (speaker coordinator) at

ahalasz@rogers.com

#### NEWSLETTER POSTING DATES FOR 2014

Here are the dates for 2014 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- January 20th
- March 18th
- May 5th
- August 28th
- October 16th



(or as close as we can get)

Should posting dates change throughout the year the most up to date list can be found at

http://www.ontarioscc.org/newsletters.htm







## **PARIS 2014**

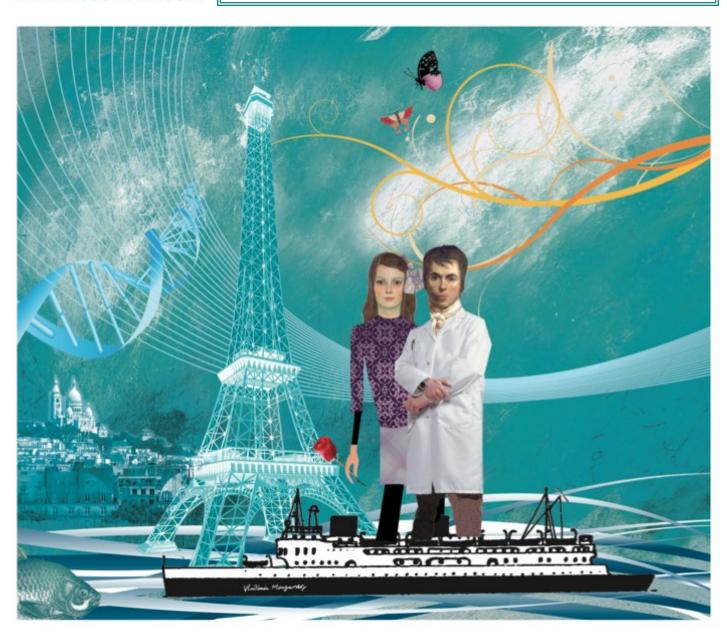
28th CONGRESS October 27th to 30th

Palais des Congrès

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Please make sure to register to attend the IFSCC 28<sup>th</sup> Paris Congress on October 27<sup>th</sup> to 30<sup>th</sup>. The chosen theme "Cosmetic innovation and performance for beauty and well-being" summarizes the important trends in the cosmetology of the future. The quality of the conferences and the reputation of the international speakers will assure you a high standard of scientific information and lead to many fruitful exchanges. You can register at;

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## **CALL FOR ADVERTISERS!!**



The SCC Ontario Chapter would like to take this opportunity to thank all of our sponsors for the 2014 Newsletters. Now is the time to request advertising for the year 2015. We will be maintaining our rates for 2015. The rates as listed will include a

minimum of 5 issues of our newsletter.

All fees will be due by December 31, 2014 and must be received in order to be included in our January 2015 issue.

Since the newsletter is offered in an electronic Adobe format, we prefer colour versions of your ads as they will translate much better and stand out to the reading public.

If you are a new company looking to advertise with us, please submit the registration form found below. <u>Currently we have a waiting list for new advertisers</u> and preference will be given to those currently on the list. When spaces open up you will be notified and given the option to submit your ad.

If throughout the year you would like to replace your ad with a more recent version this can be done at any time. The ad will be changed in the next issue of the newsletter.

Newsletter posting dates can be viewed at:

http://www.ontarioscc.org/newsletters.htm

Please make all payments to the "SCC Ontario Chapter" and send to Vera Matovina.

AD SIZE (INCHES)	AD CHARGE
1 X 3	\$150.00
2 X 2	\$175.00
2 X 3	\$250.00
2 X 4	\$300.00
3 X 3	\$350.00
3 X 4	\$400.00
4 X 4	\$500.00
4 X 8	\$700.00
8 X 8	\$1200.00

#### CONTACT

Submit all advertising inquiries to:



vera@plantpower.ca

NAME:	MAIL TO:
- <del></del> -	135 Shuh Avenue
COMPANY NAME:	Kitchener, ON,
	N2A 1H4
AD SIZE:	
	Make cheques
AMOUNT ENCLOSED:	payable to:
	SCC Ontario Chapte







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### **UPCOMING EVENTS**

November 6th, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting—"Putting Anti-aging Beauty Products to Test " by Good Housekeeping magazine -Birnur Aral
November 28th, 2014 The Venetian, Vaughan ON	SCC Ontario Holiday Dinner Dance
December 11-12th, 2014 New York City, NY	Annual Scientific Meeting & Technology Showcase
July 21st, 2015 Caledon Woods Golf Club, Bolton ON	SCC Ontario 15th Annual Golf Tournament

## ONTARIO CHAPTER SCHOLARSHIP PROGRAM SOCIETY FOR COSMETIC CHEMISTS



The support of Cosmetic Science Education and Research are central to the goals of the Society of Cosmetic Chemists (SCC). The Ontario Chapter has developed a Scholarship Program available to Canadian University, College or High School students. In the past, the \$1000.00 award has been presented to students from the University of Toronto, University of Waterloo and University of Guelph. The program began in 2003 and 14 students have received awards in the past.

The program is open to any student planning to complete research related to cosmetic science. Interested students are invited to submit a

brief, one page research outline to Dennis Zuccolin, Director of Scholarships at <a href="mailto:dzuccoli@maccosmetics.com">dzuccoli@maccosmetics.com</a>. The scholarship applications will be reviewed by the SCC Ontario Chapter Board members. Students awarded a scholarship can also apply for additional support (up to \$1000.00) to cover research and development costs, training and conference expenses.

Successful candidates are encouraged to attend SCC meetings, volunteer at events, collaborate with members of the Society, prepare a poster presentation, write an article for the newsletter and/or make a brief oral presentation on their research at a chapter meeting.

#### **NORTHERN HIGHLIGHTS STAFF**

PUBLISHER: ROB QUINLAN ph: 905-339-3309 robq@tempo.ca

TEMPO CANADA ULC fax: 905-339-3385

EDITOR: MICHELE LARRY ph: 905-339-3309 michelel@tempo.ca

TEMPO CANADA ULC fax: 905-339-3385

ADVERTISING: VERA MATOVINA ph: 416-766-1254 vera@plantpower.ca

#### **MEMBERSHIP**

For those who would like to become members, yearly fees are \$140 US. Applications are available from your Executive Committee or on-line at <a href="https://www.SCCOnline.org">www.SCCOnline.org</a>.

Please return the completed form at your convenience and reap the benefits of the SCC. For renewal memberships, please send payments directly to the SCC National Office. For your convenience, National will accept payment by **VISA**, **Mastercard or AMEX**. Please contact National for details.



## Dedicated to the Advancement of Cosmetic Science

# Address Changes??

Throughout the year many of our members change jobs or relocate and forget to notify the National Office. Without notification, these members may not receive Important mailings and eventually are made inactive. We have created a form that is now available on the SCC website which allows members to make changes to their information and it is sent to the National office. Please visit the following website to make your changes;

http://www.scconline.org

