
NORTHERN HIGHLIGHTS

The SCC Ontario Chapter's Newsletter

135 Shuh Avenue
Kitchener, ON, N2A 1H4

January 2013

Volume LVI

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SCC ONTARIO CHAPTER MEETING

"THE HAIR CARE MARKET"

Julia Hernandez—The DeWolf Companies
THURSDAY FEBRUARY 7TH 2013

PRE-REGISTRATION IS REQUIRED FOR JANUARY 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 4th, 2013.

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

“THE HAIR CARE MARKET”

Julia Hernandez—The DeWolf Companies
THURSDAY FEBRUARY 7TH 2013

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

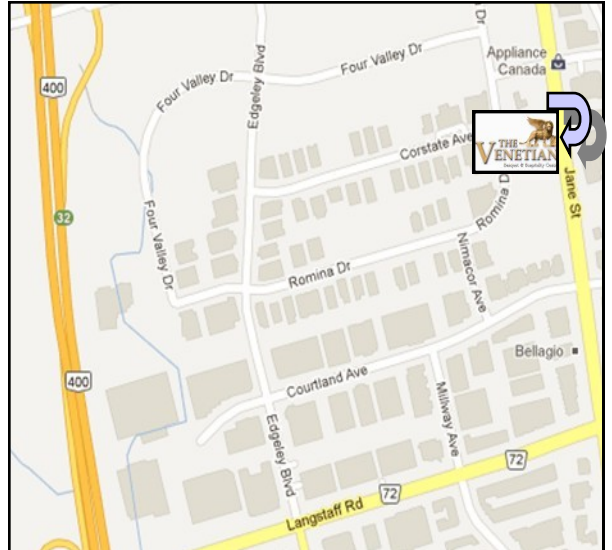
8:00 p.m. Adjournment

Fees: **\$45 pre-paid SCC member**

\$55 pre-paid non-member

\$10 pre-paid student

\$60 at the door



Abstract:

THE HAIR CARE MARKET

After five years of negative growth, 2011 marked the rebound of the North American hair care market, driving its forecast to an encouraging CAGR of 1.3% through 2016. In a market valued at \$11.4 billion, this growth rate presents a real market opportunity for those who take innovation seriously. The presentation will uncover the concept of innovation in the context of added value, which has become a core objective for brands competing in the mature North American market, and the path to sustaining value sales growth in the years to come. Join us and learn about:

- ◆ Fastest growing hair care market sub-segments: What and why?
- ◆ Driving hair care market trends: “Added value” at the center of long-term, sustainable market opportunities
- ◆ Ingredient impact: Changes in the demand of chemical ingredients for hair care applications

Bio:

Julia Hernandez serves as Marketing Manager for The DeWolf Companies (DeWolf Chemical - Glenn Corporation - Tempo Canada), a network of technical service and marketing-oriented distributors of specialty chemicals with a principal focus on the North American Personal Care, Color Cosmetics and HI&I Markets. She has been involved in the marketing of chemicals for the Beauty and HI&I industries for over twelve years. Prior to joining The DeWolf Companies, she was the Marketing & Latin American Distribution Manager at McIntyre Group, LTD. She has been a speaker in different SCC chapters and the AOCS SODEOPEC in the U.S. as well as Colamiqc, FCE and Expo Cosmetica in Latin America.

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POSTER PRESENTATION

During our upcoming meeting on February 7th you will have an opportunity to meet our 2012 scholarship honoree Fan (Cendy) Wang and ask questions about her work on “Petroleum—Free Structured Emulsion for Cosmetic Applications”.



“Recently there is increasing consumer concerns regarding potentially toxic petroleum-based cosmetic products. It has created a sizeable opportunity in the green cosmetics area. These cosmetics are inevitably then based on agricultural product, namely vegetable oils, polysaccharides, emulsifiers and proteins. My long-term research objective is to create petroleum-free, stable and aromatic green cosmetic products. This is a very big challenge since many natural materials are not as stable as petroleum-based ones.”

Cendy will be available during the reception hour to discuss her poster and answer any questions. Be sure to come out and support one of our up and coming cosmetic chemists!

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A farewell message from the Chair.....



I would like to begin by wishing you all a very happy New Year! It has been my pleasure to serve as Chair for 2012. It feels like just last week that I was preparing for our first event of the year. I definitely enjoyed the experience and learned a lot about our chapter throughout the year.

2012 was indeed an outstanding year for the SCC Ontario Chapter. At our first chapter meeting in February we had quite a full night; where many chapter members enjoyed an informative presentation on “*Developing Fair Trade Personal Care Products*”. In addition, during this meeting the SCC honoured Andy Halasz with a Merit award for his dedication and long term service filling various board member positions over the years.

The regulatory update meeting on March 20th was one of the most successful meetings in terms of attendance throughout the year. This important meeting was complementary for the SCC members as a gesture of thanks for their membership and interest in the Ontario chapter. The presenters were comprised of three well known industry speakers; Luciella Van Baaren from Estee Lauder, Teena Warin from Croda Canada LTD and David C. Steinberg. Our spring meeting in May was all about colour cosmetics focussing particularly on how trends arise.

Gagan Jain did a great job in organizing the Golf event on July 19th where we saw record attendance at the Caledon Woods Golf Course Club. Heading into the fall, our Education Day in September was a great success as we hosted a continuing education course providing a wealth of knowledge to our members. The invited speaker was Dr. Robert Lohead, Director and Professor of Polymer Science at the University of Southern Mississippi. The course was on Advanced Emulsions focussing on “How Emulsions are Formed, Routes to Emulsion Stability and the Rheology and Surface Science of Emulsions”. The SCC National office graciously supplied copies of the presentations to all attendees on a special SCC 8GB memory stick! On November 8th, Dr Joe Dalal, SCC National President, presented on “Preservatives” for our final evening meeting of the year.

Our last event of 2012 was our 16th annual Holiday Dinner Dance party on Nov 30th which was a record for the past decade in respect to attendances. Thank you to Dorothy Maraprossians, Kashif Mazhar, Andrea Boylan and Rob Quinlan for planning and preparing this outstanding party.

Over the years our Student Scholarship program has continued to grow and this year was no exception. The SCC Ontario Chapter approved a \$1000.00 Research Scholarship to Cendy Wang at the University of Guelph to support her research on “Petroleum-Free Structured Emulsion for Cosmetic Applications.”

Such a successful year would be impossible without the interest, participation and attendance of our chapter members as well as the great work of the volunteer board for all they do to make each event possible. I would like to thank this years’ great team; Gary Baker, Dorothy Maraprossians, Catherine Blackhall, Rob Quinlan, Rob Castillo, Elizabeth Peitsis, Andy Halasz, Andrea Boylan, Gagan Jain, Kashif Mazhar, Zohreh Fakhim, Shahin Kalantary, Chetan Desai, Nadia Lunn, Vera Matovina and Dennis Zuccolin.

A special thank you to Gary Baker for his continued dedication as our Chapter Treasurer. Thank you to Rob Quinlan for the many hours involved in putting together our newsletter as publisher.

Heading into the New Year our new Chapter Officers are Zohreh Fakhim as Chair, Andrea Boylan as Chair-Elect, Monika Melao as Secretary and Gary Baker as Treasurer. I wish you all the very best in 2013!

Mary Seifi



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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:

- **Recent Advances in Processing & Scale Up Technology**
- **Nanotechnology: Ongoing Controversies**
- **Evolving Regulatory Issues for Cosmetics**
- **Beauty – How to Achieve, Create and Accomplish it**
- **New Technologies for Claims Support/Measurements**
- **Anti-Aging: Formulating for Perceivable Benefits**

SUBMISSION DEADLINE: MAY 1, 2013

NEW for 2013: All abstracts must be entered online at our website www.sconline.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.**

* The Call for Participation for Abstracts for the 2013 Technology Showcase (Poster Session) will start in July 2013 with a September 15th deadline.



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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 dzuccoli@maccosmetics.com. 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.

16th Annual Holiday Dinner Dance November 30th 2012

The Holiday Dinner Dance was a huge success again this year. All were in good cheer as we started the evening with the very popular Antipasto Table. Music for the remainder of the evening was again supplied by Edwin of “**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 **Hunter Amenities** for providing the table favours for the evening as well as the **SCC** for donating the Lava Lamps!

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

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Charles Tennant & Company	Pachem Distribution	Wayne Fretz Consulting
Cosmetica Laboratories Inc.	Petro Canada	
Debros Chemicals	Polyrheo	
Derma Chem Fine Ingredients	Professional Hair Care Products	
Evalulab	Scents Alive	



See all the Holiday Dinner Dance photos at:

<http://www.ontarioscc.org/gallery16.htm>

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

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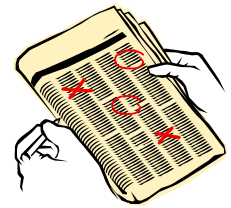
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JOB SEARCH



Account Manager – Health Care- Croda Canada

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An opportunity has arisen for an individual to join the Sales team at Croda Inc. The Account Manager – Health Care will be responsible for qualifying new potential customers, service the current customer base and expand the territory of customers, present latest products, field technical questions from customers, address and negotiate pricing concerns, make 8 – 12 visits per week, grow sales by establishing account plans and implementing, manage sales contracts and agreements including GIPs, field sample requests from new customer contacts, establish new business relationships with valid new customer contacts, maintain knowledge of competitive solutions, report all customer activity within the Avenue database system, attend industry events, input weekly call reports, input sample requests and update quarterly reports. All other duties assigned by management.

Contact:

Bethany Gentile

HR Recruiter

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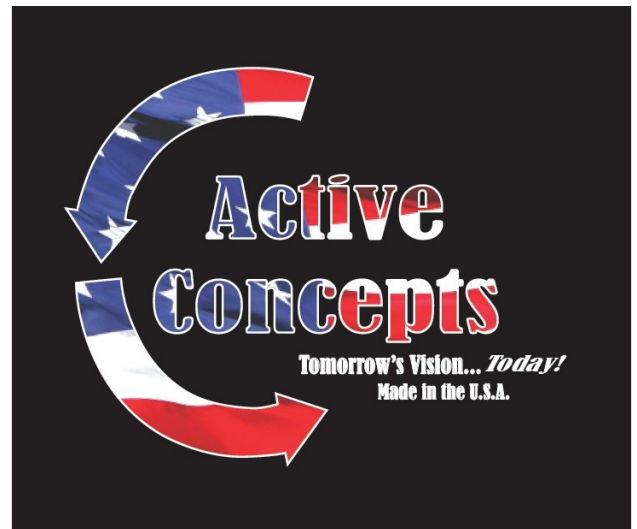
Bethany.Gentile@croda.com



The IFSCC 2013 Conference is coming

The 22nd IFSCC Conference will take place, during September 30.10 - 01.11, 2013 at Windsor Barra Hotel that has a privileged location in front of the beach and a few minutes from quite a large number of shopping malls, restaurants and bars.

Brazil will host at the first time, one of the most important scientific events of cosmetics industry. With the theme Boosting Cosmetic Science in Rio, the Brazilian Association of Cosmetology (ABC) and the Scientific Committee with organization and partnership of NürnbergMesse Brasil, want to show the world the greatness of this segment primarily by technological advances of scientific research.



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Deadline for the Call for Papers for the 2013 IFSCC Conference in Brazil is January 31st.



**Florida Chapter Society of Cosmetic Chemists
Call for Papers**

**2013 Sunscreen Symposium
Beyond Broad Spectrum: The Next Horizon of SunCare
September 18 - 21, 2013**

*Walt Disney World Swan Resort * Lake Buena Vista, FL*

Authors are invited to submit titles and abstracts of no more than 150 words for original papers to be presented in podium format: **deadline for submission is January 31, 2013**. The podium presentations will be September 20-21, 2013. All topics related to Cosmetic Science will be considered for presentation. Topics of particular interest for submission of abstracts are:

- > Global Harmonization of SPF and UVA Protection Standards
- > Formulating Effective Sun Care Products
- > Innovations and Trends - What is the Next Horizon in Sun Care?
- > Sustainability and Green Initiatives
- > Global Regulatory Updates/ Changes
- > Educating Consumers / Connecting with Consumer Needs
- > Long-Term Skin Health
- > Anti-Aging Platforms - Sun Care as Skin Care
- > Evaluation of Sunscreen Drug Substances

Submit abstract, bio and photo by **January 31, 2013** to:
Danielle Wheeler
2957 Herschel Street Jacksonville, Florida 32205
Or, via email FLSCCsun@gmail.com

Date:	Author/presenter requirements / notification information:
January 31, 2013	Deadline for abstract submission, please include photo and bio
March 1, 2013	Presenter/authors notified
May 1, 2013	Presentation agenda finalized
June 1, 2013	Preprints, author bio & abstract (min 200 words, max 2 pages including figures)
August 22, 2013	Final presentation received by FLSCC chapter
September 20-21, 2013	2013 Sunscreen Symposium Podium Presentations

Please note: After a review by the Florida Chapter Board Members of all papers submitted, only a limited number of papers will be accepted related to each topic. Accepted papers will be announced via email by March 1st, 2013.



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Unemployed membership is free of charge by submitting the renewal form with unemployment details.

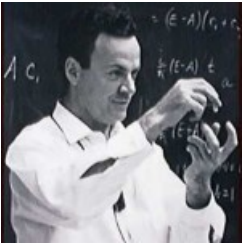
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Nanotechnology

Richard Feynman, Nobel prize winning physicist and science popularizer par excellence liked practical jokes, but I doubt he would have enjoyed watching people in the buff parade on Chicago's Michigan Avenue with the title of one of his most famous lectures painted on their butt. There they were, exhibiting their derriers, adorned with the words "There's Plenty of Room at the Bottom." They were not exactly paying homage to Feynman's famous lecture that introduced the concept of nanotechnology; they were protesting the use of the technology by the Eddie Bauer Company to make stain free pants. As if we didn't have enough things to worry about, activists are now taking aim at nanotechnology, claiming that its risks have not been properly evaluated. So what is nanotechnology? Basically, it is the use of extremely small particles for practical purposes. How small? By consensus, at least one dimension of these particles must be less than 100 nanometers, a nanometer being one billionth of a meter. To put this into perspective, you would need a thousand of these particles side by side to make up the width of a human hair. And why is nanotechnology a field to itself? Because particles with such tiny dimensions behave very differently from their larger counterparts even though their chemical composition may be the same. To give a somewhat simplistic example, imagine holding a lump of coal. You could readily toss it from one hand to the other without any problem. Now if that lump were smashed into a fine powder, its properties would change dramatically. You couldn't help inhaling the dust and it would probably produce a coughing fit. But it could also be used as a lubricant. When we are talking "nano," we are talking about particles that are far smaller than this dust, in fact so small that individually they cannot even be seen.

Consider this example. Zinc oxide has long been used as a sunblock. This is the white stuff that has anointed many a lifeguard's nose. It's very good at absorbing ultraviolet light but is not very appealing esthetically. Enter nanotechnology. It is now possible to produce zinc oxide in particles so small that they appear transparent. Not only does this eliminate the chalky appearance, but a layer of such nanoparticles on the skin actually blocks ultraviolet light more effectively. Another fascinating application is in the production of self-cleaning windows. A layer of nano size particles of titanium dioxide deposited on glass serves two purposes. It absorbs ultraviolet light and produces free radicals which decompose dirt. It also has the effect of preventing water from beading. When rain hits the glass, instead of forming droplets, the water spreads into a thin transparent film. Stain resistant "nanopants" are another development. Here the effect is the opposite of that provided by nano titanium dioxide. Tiny carbon fibers are deposited on the surface of the fabric and these repel liquids, causing them to bead and roll off without staining. Why then are demonstrators opposed to this technology? They claim that the tiny nanoparticles can go through the skin or can be inhaled and potentially cause harm. That's why they dropped their stain-resistant pants, hoping to expose the problem. The fact is that "nanotoxicology" is actually in full swing, and producers are ahead of the game. In this case testing has been done well before the products were introduced to the market place. The activists should pull up their pants and get on with their nanolives.

Joe Schwarcz PhD
Director, McGill Office for Science and Society



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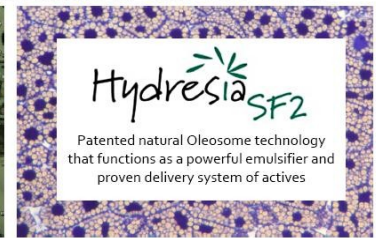
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Trivia (answers pg 24)

1. Chemicals are bad for the human body and environment and should not be used in personal care products.
a. True b. False
2. Cosmetic and personal care products often contain substances known or suspected of causing [cancer](#) and reproductive toxicity.
a. True
b. False
3. Parabens in the cosmetic industry are what?
a. Banned due to their direct link to cause cancer
b. Restricted to small usage levels in cosmetics due to extremely low concentrations found in cancer tumours
c. Commonly used as preservatives due to their bactericidal and fungicidal properties
d. None of the above
4. The FDA and or Health Canada must approve all personal care products before they go to market?
a. True b. False
5. INCI stands for?
a. International Name of Cosmetic Ingredients
b. International Nomenclature of Cosmetic Industries
c. International Nomenclature of Cosmetic Ingredients
d. International Nomenclature of Cosmetic Items
e. None of the above
6. The INCI listing on the back of personal care products is?
a. The order of which the products were added to the formula
b. The list of all ingredients used in the product
c. The list of all ingredients used in the product starting with the active ingredients used that cause the products benefit
d. The list of all ingredients used in the product starting with the largest quantity used
e. None of the above
7. In Canada the cosmetic industry is governed by who?
a. FDA
b. Health Canada
c. REACH
d. FDA & Health Canada
e. CFIA
f. None of the above
8. REACH stands for what?
a. **R**egistration, **E**valuation, and **A**uthorization of **C**hemical substances
b. **R**ecommendation, **E**valuation, **A**uthorization and Restriction of **C**hemical substances
c. **R**egistration, **E**valuation, **A**uthorization and Restriction of **C**hemical substances
d. **R**ecommendation , **E**valuation, and **A**uthorization **C**hemical substances
9. Parabens are a group of narrow-spectrum preservatives used to prevent the growth of a harmful microorganism
a. True b. False
10. Parabens are especially good at preventing?
a. Mold
b. Yeast
c. Mold & Yeast
d. None of the above
11. Potassium sorbate can effectively preserve against?
a. Mold
b. Yeast
c. Mold & Yeast
d. None of the Above
12. Parabens have been used extensively for over 50 years and have been researched thoroughly?
a. True
b. False
13. Parabens have been known to cause cancer.
a. True
b. False

14. Potassium sorbate is useful for protecting from bacteria.
 - a. True
 - b. False
15. Potassium sorbate is not an effective preservative in products with a pH over 6, which most lotions are
 - a. True
 - b. False
16. Certain essential oils, like Tea Tree, and some vitamins can help reduce some forms of bacteria, when used in high concentrations.
 - a. True
 - b. False
17. Parabens are derived from benzoic acid. Benzoic acid is a chemical commonly found in plants. Therefore parabens are "natural".
 - a. True
 - b. False
18. While it is true that some essential oils have antibacterial and anti-fungal properties, the quantity needed to effectively preserve a water containing product would be at unsafe levels.
 - a. True
 - b. False
19. Due to recent trends and negative media attention the most widely used preservatives in the Personal Care industry are now natural products with parabens a close second?
 - a. True
 - b. False
20. CTFA has issued the following notice on parabens as preservatives in the PC industry.
 - a. Preservatives, especially parabens, have been studied and more information is needed before they are declared safe
 - b. The Cosmetic Ingredient Review has looked at them and determined that they are safe and provide an important function for the product
 - c. Preservatives, especially parabens, have been studied and shown to be safe
 - d. The Cosmetic Ingredient Review has looked at them and determined that there is cause for some concern with parabens
 - e. A&B
 - f. B&C
 - g. D&A
 - h. None of the above
21. EWG's (U.S. Environmental Working Group) surveys show the average adult consumer uses how many personal care items per day?
 - a. 9
 - b. 10
 - c. 6
 - d. 7
22. According to Happi Magazine, due to negative press on parabens over the past few years, many companies are going back to formaldehyde for preservation.
 - a. True
 - b. False
23. Some believe parabens are cancer causing due to their?
 - a. Estrogenic qualities
 - b. Testosterone like qualities
 - c. A&B
 - d. None of the above
24. Which are myths about parabens and breast cancer?
 - a. lead cause of breast cancer is the use of antiperspirants
 - b. antiperspirants stop the body from perspiring (sweating), which keeps toxins inside the body
 - c. nearly all breast cancers are in the upper outside quadrant of the breast area where the lymph nodes are located
 - d. men are less likely to develop breast cancer because most of the antiperspirant is caught in the hair and not directly applied to the skin
 - e. all of the above
25. Paraben usage is regulated by the FDA and acceptable levels are?
 - a. Less than 1%
 - b. Up to 25%
 - c. The FDA does not regulate paraben usage
 - d. Less than 0.5%
 - e. None of the above

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<http://www.ontarioscc.org/meetingquestionnaire.htm>



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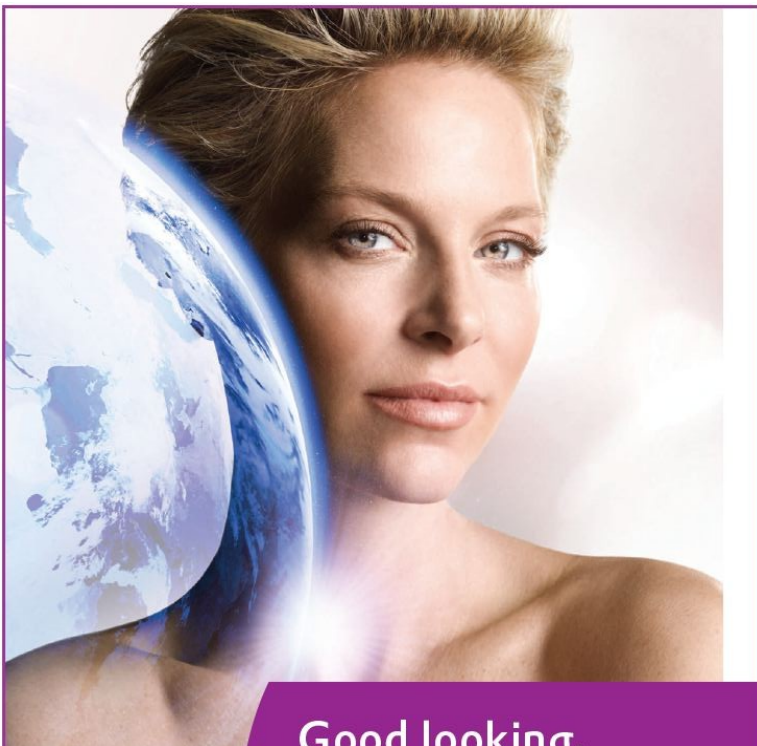
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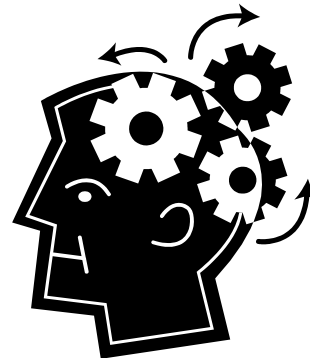
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Benefits of Membership.....Ask the Expert

The Society of Cosmetic Chemists has organized Ask the Expert to provide a forum for the exchange of ideas and new developments in cosmetic research and technology.

This new educational tool allows users to seek answers to questions on pre-

-selected topics relating to the cosmetic sciences. Each Thursday members on the pre-selected panel of experts respond to questions submitted to Ask the Expert. Questions must pertain to the designated topics and be received no later than Wednesday to receive answers Thursday of the same week. Questions should be as brief as possible.



Users ask questions to the forum's experts, and answers are received within the week.

One of the most important functions of the National Society of Cosmetic Chemists is to provide as many educational opportunities for the membership as possible. This is accomplished through many venues such as national scientific meetings and seminars, chapter meetings, chapter educational seminars, continuing education courses and the Journal of Cosmetic Science. Our members are the most important resource of the Society. Within our membership are many experts with vast knowledge in the field of cosmetic science. As many of these members approach the age of retirement, the knowledge that they possess begs to be shared. It is with great excitement that we, at National have introduced a new way to help share that information and continue the education of our members through this function called "Ask the Expert". The pool of experts include CEP instructors, consulting members, journal reviewers, monograph authors, Journal authors, renowned scientists and recognized experts in particular fields. This service is free.

The response from our experts to this program has been one of excitement, and we hope you agree. We feel it is another benefit we can provide to the membership and general public to enhance their ability to excel in their jobs.

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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@hunteramenities.com

NEWSLETTER POSTING DATES FOR 2013

Here are the dates for 2013 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- ◆ January 17th
- ◆ March 5th
- ◆ May 9th
- ◆ August 29th
- ◆ October 17th



(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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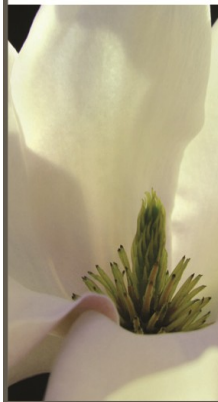
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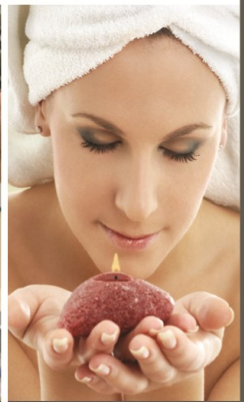
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UPCOMING EVENTS

February 7th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– “ <i>The Hair Care Market</i> ” -Julia Hernandez
March 26th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– TBA
May 30th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– TBA
June 6-7, 2013 Union Station Marriott, St. Louis, MO	2013 Annual Scientific Seminar
July 23rd, 2013 Caledon Woods Golf Club, Bolton ON	SCC Ontario 13th Annual Golf Tournament
September 19th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– Education Day
November 7th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– TBA
November 29th, 2013 The Venetian, Vaughan ON	17th Annual Holiday Dinner Dance

Trivia Answers (see pg 16,17)

- | | | |
|--|------------------|---|
| 1. False | 10. Mold & Yeast | 19. False |
| 2. False | 11. Mold & Yeast | 20. B&C |
| 3. Commonly used as preservatives due to their bactericidal and fungicidal properties | 12. True | 21. 9 |
| 4. False | 13. False | 22. False |
| 5. International Nomenclature of Cosmetic Ingredients | 14. False | 23. Estrogenic qualities |
| 6. The list of all ingredients used in the product starting with the largest quantity used | 15. True | 24. all of the above |
| 7. Health Canada | 16. True | 25. The FDA does not regulate paraben usage |
| 8. Registration, Evaluation, Authorization and Restriction of Chemical substances | 17. False | |
| 9. False | 18. True | |

Congratulations!

....to the winning table at our November 8th meeting comprised of Wayne Fretz, Moh Chizari, Gabriella Kiss, Kippy Partridge, Marzena Gorczyca, Janice Cukier, Fei Yang, Sherry Shahangian and Val Manea.

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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 www.SCCOnline.org.

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.

SCC

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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.sconline.org>

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March 2013

Volume LVII

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Free
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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. If you are a non-member you can then either bring the payment with you or put it in the mail. Please make your reservation prior to March 21st, 2013.

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ADVANCED SKIN SCIENCE

INSTRUCTED BY RANDALL WICKETT, Ph.D.

COURSE OUTLINE

Overview: This advanced course will cover various aspects of skin biochemistry and molecular biology including the Stratum Corneum barrier, epidermal differentiation, aquaporins and tight junctions in the skin, Proxosome Proliferator-Activated Receptors (PPARs), skin pigmentation and skin aging and photo-aging. It is assumed that the student will already have basic knowledge of biochemistry and skin structure, function and physiology.

I. The Epidermis

- Brief overview of skin structure
- The dermal epidermal junction
- Stem cells and cell renewal in the epidermis
- Epidermal Keratins
- Desmosomes in the epidermis

II. The Stratum Corneum (SC) Barrier

- Keratins and filament formation
- Structure and formation of the cornified cell envelope
- Filaggrin hydrolysis and natural moisturizing factors
- SC barrier lipids
- SC barrier homeostasis and lipid metabolism in the SC
- SC desmosomes and the complex proteolytic cascade in the SC
- Aquaporins in the epidermis
- Tight Junctions in the epidermis
- PPARs and epidermal differentiation and homeostasis

III. Skin Pigmentation

- Melanocytes and melanin disorders
- Melanosome synthesis and translocation
- Constitutive and facultative pigmentation
- Factors Determining Skin Colour

IV. Skin Aging and Photo-Aging

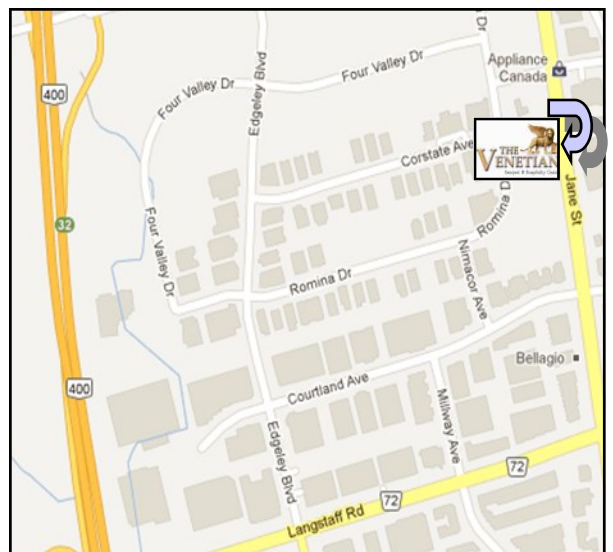
- The dermal matrix
- Intrinsic aging
- Acute effects of sun on skin
- Reactive oxygen species
- The MAP Kinase pathway and MMPs
- Photoaging in histology
- Brief review of molecular biology of skin cancer

About The Instructor

RANDY WICKETT, Ph.D. – Obtained his Ph.D. in biophysics from Oregon State University of Corvallis Oregon in 1972 and was a Postdoctoral Fellow to 1985 and in the department of Dermal Research, S.C. Johnson & Son, Inc. from 1985-1991. He joined the University of Cincinnati College of Pharmacy as Associate Professor of Pharmaceutics and Cosmetic Science in 1991 and was promoted to the rank of Professor in 1998. He also serves as a consultant to several major skin and hair companies. Dr. Wickett is a Fellow of the Society of Cosmetic Chemists (SCC) and has received numerous SCC technical awards including the Maison G. de Navarre Medal Award, the SCC's highest award for technical achievement. He was also editor of the Journal of the Society of Cosmetic Chemists from 1991 to 1997 and past President of the Society of Cosmetic Chemists.

Location: The Venetian Banquet & Hospitality Centre
219 Romina Drive, City of Vaughan,
ON, L4K 4V3 (tel: 905-264-9960)

Registration	9:00 am
Presentation	9:30-10:45 am
Break	10:45-11:00 am
Presentation	11:00 am-12:00 noon
Lunch	12:00-1:00 pm
Presentation	1:00-2:15 pm
Break	2:15-2:30 pm
Presentation	2:30-3:45 pm
Q&A / Adjourn	3:45-4:00 pm



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FEBRUARY MEETING RECAP

On February 7th the SCC Ontario Chapter was pleased to welcome Ms Julia Hernandez as our speaker for the evening. Julia is the Marketing Manager from The DeWolf Companies and presented on "The Hair Care Market".

The focus of the presentation was the re-emerging North American hair care market particularly since 2011 and the encouraging forecasts for growth and how companies who are "Innovation driven" can benefit!

Ms Hernandez further discussed the concept of innovation in the context of added value and how it has become a core objective for brands competing in the North American market.

The fast growing hair care market and its sub-segments were discussed as well as the driving hair care trends. Copies of the presentation can be emailed by contacting Julia at jhernandez@tempo.ca



Julia Hernandez serves as Marketing Manager for The DeWolf Companies (DeWolf Chemical - Glenn Corporation - Tempo Canada), a network of technical service and marketing-oriented distributors of specialty chemicals with a principal focus on the North American Personal Care, Color Cosmetics and HI&I Markets. She has been involved in the marketing of chemicals for the Beauty and HI&I industries for over twelve years. Prior to joining The DeWolf Companies, she was the Marketing & Latin American Distribution Manager at McIntyre Group, LTD. She has been a speaker in different SCC chapters and the AOCS SODEOPEC in the U.S. as well as Colamiqc, FCE and Expo Cosmetica in Latin America.



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- **Nanotechnology: Ongoing Controversies**
- **Evolving Regulatory Issues for Cosmetics**
- **Beauty – How to Achieve, Create and Accomplish it**
- **New Technologies for Claims Support/Measurements**
- **Anti-Aging: Formulating for Perceivable Benefits**

SUBMISSION DEADLINE: MAY 1, 2013

NEW for 2013: All abstracts must be entered online at our website www.sconline.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.**

* The Call for Participation for Abstracts for the 2013 Technology Showcase (Poster Session) will start in July 2013 with a September 15th deadline.



Please scan QR code above for direct link to submit your abstract.



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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 dzuccoli@maccosmetics.com. 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.

How to prevent cosmetic chemist career boredom

by PERRY ROMANOWSKI

I worked as a formulator for 17 years at a medium sized cosmetic company. We were primarily a hair care company so I spent most of my time creating new shampoos and conditioners. I did have the opportunity to occasionally make styling products and skin lotions but this was not my focus.

Well, the reality was that most of my projects involved taking an existing formula, making minor tweaks to the color, fragrance or other claims ingredients and making sure it remained stable. After a while, it got pretty easy...and dull.

Sure, many projects were more interesting than this but the reality for cosmetic chemists (especially at big companies) is that most of your time will be spent making incremental improvements to things that already exist. So eventually, you might start to get bored.

Here are 10 things you can do to combat career boredom.

1. Experiment with new raw materials – Raw material suppliers are always coming out with new things and unless you try them in your formulations, you'll have no idea how they work. In truth, most of the new raw materials won't do anything new. But you've got to keep looking. Create a baseline formula and then whenever you get a new raw material, try it in that formula. This is also a great way for you to learn about raw materials that you may not have used.

2. Make your own formulas – If you want to be a proper formulator, then you have to be able to formulate everything. When I was at the shampoo company there really were no projects for making products that the company didn't market. For example, color cosmetics, antiperspirant, toothpaste, soap, lipsticks, etc were all things that I never had a formal project to make. But how can you call yourself a formulator if you can only make a limited number of formulations? Go through this list of free cosmetic formulas and start making things that you would never have to make. Make products that you want to use. Tweak them so you understand how things affect the final formulas.

To be a formulator, you have to be able to make all types of formulas

3. Try to solve problems without formulations – If your formulating job is getting dull, try creating solutions to cosmetic problems without making a formula. Can you create a better absorbent towel to speed up hair drying? Can you create an app that might solve some cosmetic problem? As a cosmetic chemist you are an inventor. Formulating is simply one type of invention. Spend some time coming up with other types of inventions.



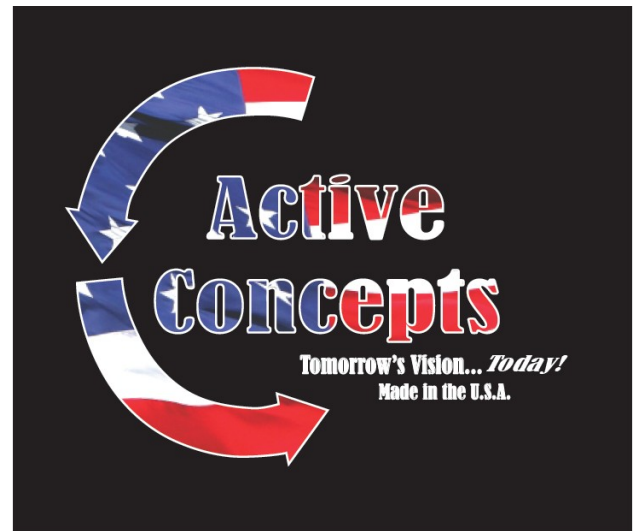
Continued page 8

Industry News

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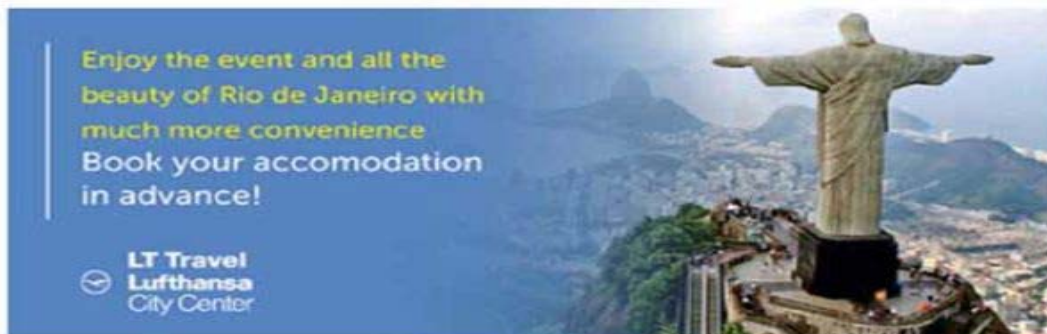
Are pleased to announce that Ehsan Zanjani has joined us as Technical Account Manager in our Toronto Office. He will cover the Toronto region for the Personal Care Industry.

Ehsan comes with a solid technical background in Skin Care, Sun Care and Hair Care formulations with a broad technical knowledge of all cosmetic ingredients. His skills and experience will bring a significant contribution to the growth of the business relationship of Gattefossé.



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The IFSCC 2013 Conference is coming

The 22nd IFSCC Conference will take place, during September 30.10 - 01.11, 2013 at Windsor Barra Hotel that has a privileged location in front of the beach and a few minutes from quite a large number of shopping malls, restaurants and bars.

Brazil will host at the first time, one of the most important scientific events of cosmetics industry. With the theme Boosting Cosmetic Science in Rio, the Brazilian Association of Cosmetology (ABC) and the Scientific Committee with organization and partnership of NürnbergMesse Brasil, want to show the world the greatness of this segment primarily by technological advances of scientific research.

Deadline for the Call for Papers for the 2013 IFSCC Conference in Brazil is January 31st.

Cosmetic Chemists invited to gather at Social Night in St. Louis



ST. LOUIS. The Chapters of Area II of the Society of Cosmetic Chemists today announced they will be hosting a cocktail reception on Wednesday, June 5, 2013 at the beautiful Missouri Botanical Garden in St. Louis. The event will be held in conjunction with the annual mid-year Scientific Seminar which will take place at the St. Louis Union Station Hotel on June 6th and 7th. Online registration is now open for the social event and SCC members who register before May 4, 2013 can save \$20 on the ticket price. More information can be found at the St. Louis SCC chapter website (<http://www.stlouisscc.org/scientific-seminar-society-cosmetic-chemists-2013.html>)

This social event will provide an excellent opportunity for cosmetic formulators, scientists and raw material suppliers from around the country to network and discuss the latest developments in cosmetic science and the cosmetic industry. Passed hors d'oeuvres will be served for the first three hours and there will be a full bar. As an added bonus, during the event, the Whitaker Music Festival will be taking place. Attendees are invited to explore the garden and enjoy the jazz as part of the reception experience.

Founded in 1859, the Missouri Botanical Garden is the nation's oldest botanical garden in continuous operation and a National Historic Landmark. The Garden is a center for botanical research and science education, as well as an oasis in the city of St. Louis.

Details for the event are as follows:

Date: June 5, 2013
Time: 7 to 11 pm
Location: Missouri Botanical Garden
4344 Shaw Boulevard
St. Louis MO 63110

Transportation: Shuttle bus transportation between St. Louis Union Station Hotel and the Botanical Garden provided

About the Society of Cosmetic Chemists

The Society of Cosmetic Chemists was established in 1945 and is dedicated to the advancement of cosmetic science and strives to increase and disseminate scientific information through meetings and publications. For information please visit <http://www.sconline.org>. Information on the Annual Scientific Seminar will be available on the website by early March.

Contact

To learn more about this event, please contact
Kelly Dobos
Kao USA, Inc
2535 Spring Grove Ave
Cincinnati, OH 45214-1729
kelly.dobos@kao.com



**Florida Chapter Society of Cosmetic Chemists
Call for Papers**

**2013 Sunscreen Symposium
Beyond Broad Spectrum: The Next Horizon of SunCare
September 18 - 21, 2013**

Walt Disney World Swan Resort * Lake Buena Vista, FL
Authors are invited to submit titles and abstracts of no more than 150 words for original papers to be presented in podium format; **deadline for submission is January 31, 2013**. The podium presentations will be September 20-21, 2013. All topics related to Cosmetic Science will be considered for presentation. Topics of particular interest for submission of abstracts are:

- > Global Harmonization of SPF and UVA Protection Standards
- > Formulating Effective Sun Care Products
- > Innovations and Trends - What is the Next Horizon in Sun Care?
- > Sustainability and Green Initiatives
- > Global Regulatory Updates/ Changes
- > Educating Consumers / Connecting with Consumer Needs
- > Long-Term Skin Health
- > Anti-Aging Platforms - Sun Care as Skin Care
- > Evaluation of Sunscreen Drug Substances

Submit abstract, bio and photo by **January 31, 2013** to:
Danielle Wheeler
2957 Herschel Street Jacksonville, Florida 32205
Or, via email FLSCCsun@gmail.com

Date:	Author/presenter requirements / notification information:
January 31, 2013	Deadline for abstract submission, please include photo and bio
March 1, 2013	Presenter/authors notified
May 1, 2013	Presentation agenda finalized
June 1, 2013	Preprints, author bio & abstract (min 200 words, max 2 pages including figures)
August 22, 2013	Final presentation received by FLSCC chapter
September 20-21, 2013	2013 Sunscreen Symposium Podium Presentations

Please note: After a review by the Florida Chapter Board Members of all papers submitted, only a limited number of papers will be accepted related to each topic. Accepted papers will be announced via email by March 1st, 2013.



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Unemployed membership is free of charge by submitting the renewal form with unemployment details.

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Tomorrow's Answers Today

Trivia (answers pg 23)

- You are at a Risk of Melanoma if you have
 - A year round Tan
 - Many Moles
 - Use Sunscreen less than SPF 15
 - None of the Above
- The Best age for Successful face lift is
 - 40
 - 50
 - 60
 - All of the Above
- Which Topical can help retard Aging?
 - Alpha Lipoic acid
 - Tocotrienols
 - Vitamin C
 - All of the Above
- Besides Acne the most common skin problem in Teens is:
 - Psoriasis
 - Pityriasis Rosia
 - Dermatitis
- What is Alopecia Areata?
 - Scalp condition similar to Eczema
 - A Brand of Shampoo
 - Split End of Hair
 - None of the Above
- Each Hair Shaft is made of three concentric Layers. They are Cuticle, Cortex and
 - Follicle
 - Keratin
 - Helix
 - Medulla
- Which language is the Word SHAMPOO derived from?
 - Japanese
 - Hindi
 - Sanskrit
 - Chinese
 - None of the Above
- In early 2000 Which City was ranked for Highest Dandruff in the World?
 - Xian Song – China
 - Vienna – Austria
 - LA – USA
 - Winnipeg – Canada
- Which of the Following is the strongest type of Bond?
 - Covalent
 - Ionic
 - Hydrogen
 - Van Der Waals
- Which of the following was discovered By Charles Best and Fredrick Banting in 1921?
 - Liquid Nitrogen
 - Talc
 - Insulin
 - Nitrous
- Which Vegetable offers the Highest source of Calcium?
 - Mushroom
 - Asparagus
 - Spinach
 - Celery
- Which tree Produces Conkers?
 - The Baobab tree
 - The Horse Chestnut tree
 - Neem tree
 - None of the above

13. What are cumulus, Cirrus and Stratus all types of?

- a. Mathematical Functions
- b. Type of Mountain Peak
- c. Clouds
- d. None of the above

14. Which metal is also a type of Blonde?

- a. Selenium
- b. Silver
- c. Platinum
- d. Gold

15. What kind of plant has no Roots, Stems and Leaves

- a. Mosses
- b. Lily
- c. Fungus
- d. All of the above

16. What type of Fruit are Granny Smith, Gala and Golden Delicious all brands of?

- a. Orange
- b. Mango
- c. Apple
- d. None of the above

17. What type of food is Nori ?

- a. Type of Rice
- b. Seaweed
- c. Type of Fish
- d. None of above

18. Which element has atom number 2?

- a. Lithium
- b. Beryllium
- c. Oxygen
- d. Helium



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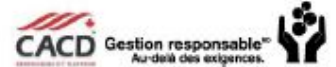


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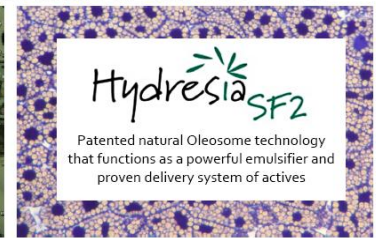
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<http://www.ontarioscc.org/meetingquestionnaire.htm>



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4. Make a plan to get promoted – When you're at a job for any length of time and you know you're a good worker, you'll get the urge to get a promotion. Often this means more money, more decision making power and sometimes even more influence on your peers. But just because you are the best formulator doesn't mean you will get promoted. You need to figure out how to get promoted. Create a plan, a timetable to achieve it, and start doing the things you need to do. Often, this means sucking up to people who have the power to promote you. And if your company isn't willing to promote you, don't be afraid to look at other companies. Remember...

No matter who signs your paycheck you are always working for yourself.

5. Write – Another excellent thing for your career is to start writing. Industry magazines are hungry for content from new authors and so are the various SCC newsletters. And you don't even need a publisher to start writing. Create a blog, then just start doing it. Of course, you have to be careful. Some companies will frown on your extracurricular activities. They might become particularly concerned that you'll give away a company secret or something. If you are in this boat, you might want to do your writing anonymously. It is less satisfying and not as helpful for your career but it is still a great way to get your message out.

6. Teach a class – Teaching a class about cosmetic science is also a great way to keep yourself inspired in your career. The SCC produces a number of one-day classes and they are frequently looking for fresh new faces to be instructors. If you've built up an expertise in one area, then you might be able to teach a class. However, your company might frown on this activity too so make sure you get your boss's permission.

7. Go back to school – There's nothing like taking classes to keep your mind fresh and your career interesting. Look through this list of cosmetic programs around the world and consider getting involved in one. An additional bonus is that you can often get your company to pay for the costs of training you.

8. Learn about the business – Here on Chemists Corner we like to encourage entrepreneurs. As a trained scientist you probably didn't get much chance to learn about business and making money. Do this! It will be good for your career and could eventually lead to you starting your own company. I've always believed that the smartest people should be the ones who start companies and as a scientist, you qualify. If you're curious, see our free ebook start a cosmetic line.

9. Get involved with your trade organization – When your job has become less than satisfying, getting involved with a trade organization like the SCC is an excellent opportunity to infuse some excitement back into your career. They are always looking for volunteers so it will be easy to get involved. This is a great way to gain experience in management and getting things done. Also, you can't beat the power of networking for helping you solve problems and advance your career.

10. Remain curious – Finally, if you are bored then you are not being curious enough. Start asking questions about things you do not know about and find answers. Keep a list of these questions and find answers. You are a scientist and although formulating is your career focus there are still lots of scientific problems that don't have answers. I love to keep up on the latest in physics, space, biology, mathematics, and more. Think of the big problems in the world and brainstorm ideas on how you might solve them.



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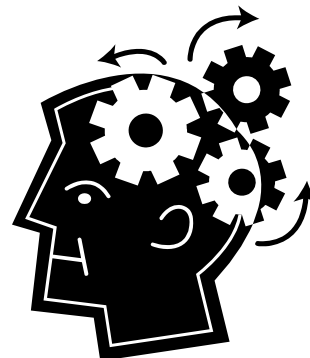
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Benefits of Membership.....Ask the Expert

The Society of Cosmetic Chemists has organized Ask the Expert to provide a forum for the exchange of ideas and new developments in cosmetic research and technology. This new educational tool allows users to seek



answers to questions on pre-selected topics relating to the cosmetic sciences. Each Thursday members on the pre-selected panel of experts respond to questions submitted to Ask the Expert. Questions must pertain to the designated topics and be received no later than Wednesday to receive answers Thursday of the same week. Questions should be as brief as possible.

Users ask questions to the forum's experts, and answers are received within the week.

One of the most important functions of the National Society of Cosmetic Chemists is to provide as many educational opportunities for the membership as possible. This is accomplished through many venues such as national scientific meetings and seminars, chapter meetings, chapter educational seminars, continuing education courses and the Journal of Cosmetic Science. Our members are the most important resource of the Society. Within our membership are many experts with vast knowledge in the field of cosmetic science. As many of these members approach the age of retirement, the knowledge that they possess begs to be shared. It is with great excitement that we, at National have introduced a new way to help share that information and continue the education of our members through this function called "Ask the Expert". The pool of experts include CEP instructors, consulting members, journal reviewers, monograph authors, Journal authors, renowned scientists and recognized experts in particular fields. This service is free.

The response from our experts to this program has been one of excitement, and we hope you agree. We feel it is another benefit we can provide to the membership and general public to enhance their ability to excel in their jobs.

http://www.sconline.org/website/news/ask_the_expert.shtml



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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@hunteramenities.com

NEWSLETTER POSTING DATES FOR 2013

Here are the dates for 2013 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- ◆ January 17th
- ◆ March 5th
- ◆ May 9th
- ◆ August 29th
- ◆ October 17th



(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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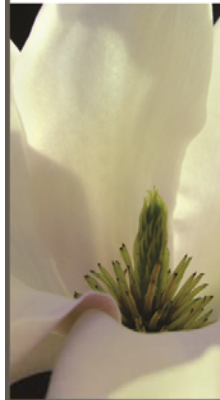
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UPCOMING EVENTS

March 26th, 2013 The Venetian, Vaughan ON	Free SCC Continuing Education Course “ Advanced Skin Science ” - Instructed by Randall Wickett, Ph.D.
May 30th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– TBA
June 6-7, 2013 Union Station Marriott, St. Louis, MO	2013 Annual Scientific Seminar
July 23rd, 2013 Caledon Woods Golf Club, Bolton ON	SCC Ontario 13th Annual Golf Tournament
September 19th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– Education Day
November 7th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– TBA
November 29th, 2013 The Venetian, Vaughan ON	17th Annual Holiday Dinner Dance

Trivia Answers (see pg 12,13)

- | | | |
|--------------------------|---------------------------------|------------------|
| 1. (B) Many Moles | 7. (B) Hindi | 13. (C) Clouds |
| 2. (D) All of the above | 8. (D) Winnipeg Canada | 14. (C) Platinum |
| 3. (D) All of the above | 9. (A) Covalent | 15. (C) Fungus |
| 4. (B) Pityriasis Rosia | 10. (C) Insulin | 16. (C) Apple |
| 5. (D) None of the above | 11.(C) Spinach | 17.(B) Seaweed |
| 6. (D) Medulla | 12. (B) The Horse Chestnut tree | 18. (D) Helium |

Congratulations!

....to the winning table at our February 7th meeting comprised of Dean Swift, Syd Salmon, Gary Baker, Karen Destombe, Zohreh Fakhim, Jamie Osejos and Liz Peitsis

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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 www.SCCOnline.org.

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.

SCC

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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;

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The SCC Ontario Chapter's Newsletter

135 Shuh Avenue
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May 2013

Volume LVIII

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SCC ONTARIO CHAPTER MEETING THURSDAY MAY 30TH, 2013

"Skepticism and the Cosmetic Chemist -
How to Distill Beauty Science from
Beauty Bogus"
-Perry Romanowski

PRE-REGISTRATION IS REQUIRED FOR THE 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. If you are a non-member you can then either bring the payment with you or put it in the mail. Please make your reservation prior to May 27th, 2013.

Please note:

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

To make your reservation today contact Gary at: gary@geandb.com
or by fax at (519) 896-7350 OR on-line at:
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SCC ONTARIO CHAPTER MEETING

THURSDAY MAY 30TH, 2013

“Skepticism and the Cosmetic Chemist - How to Distill Beauty Science from Beauty Bogus”

-Perry Romanowski

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

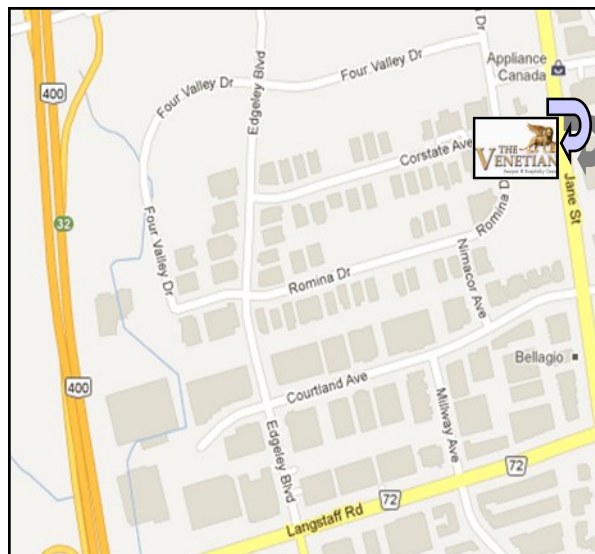
8:00 p.m. Adjournment

Fees: \$45 pre-paid SCC member

\$55 pre-paid non-member

\$10 pre-paid student

\$60 at the door



Skepticism and the Cosmetic Chemist - How to Distill Beauty Science from Beauty Bogus

Abstract: While people have always held odd beliefs about cosmetics, treatment products, and beauty, the Information Age has made the propagation of erroneous beliefs much easier. Clever marketing messages, misremembered headlines and anecdotal stories shared on discussion boards have all contributed to the rise of a less critical consumer. Unfortunately, this lack of skepticism can also affect cosmetic scientists. In this presentation we'll review some common beauty knowledge and determine whether it is science or nonsense. We'll also talk about some logical tools you can use to protect yourself from falling for Beauty BS.

Bio: Perry Romanowski has spent the last 20 years researching and developing products to solve consumer problems in the personal care and cosmetic industry. His primary focus has been on hair and hair-related products. He is currently vice president of Brains Publishing, which specialized in science education. In 2010, Romanowski founded the *Complete Cosmetic Chemist* online training program, and through a new partnership with *Cosmetics & Toiletries* magazine, will expand the program to provide cosmetic chemists continuing education across a broader range of formula categories.

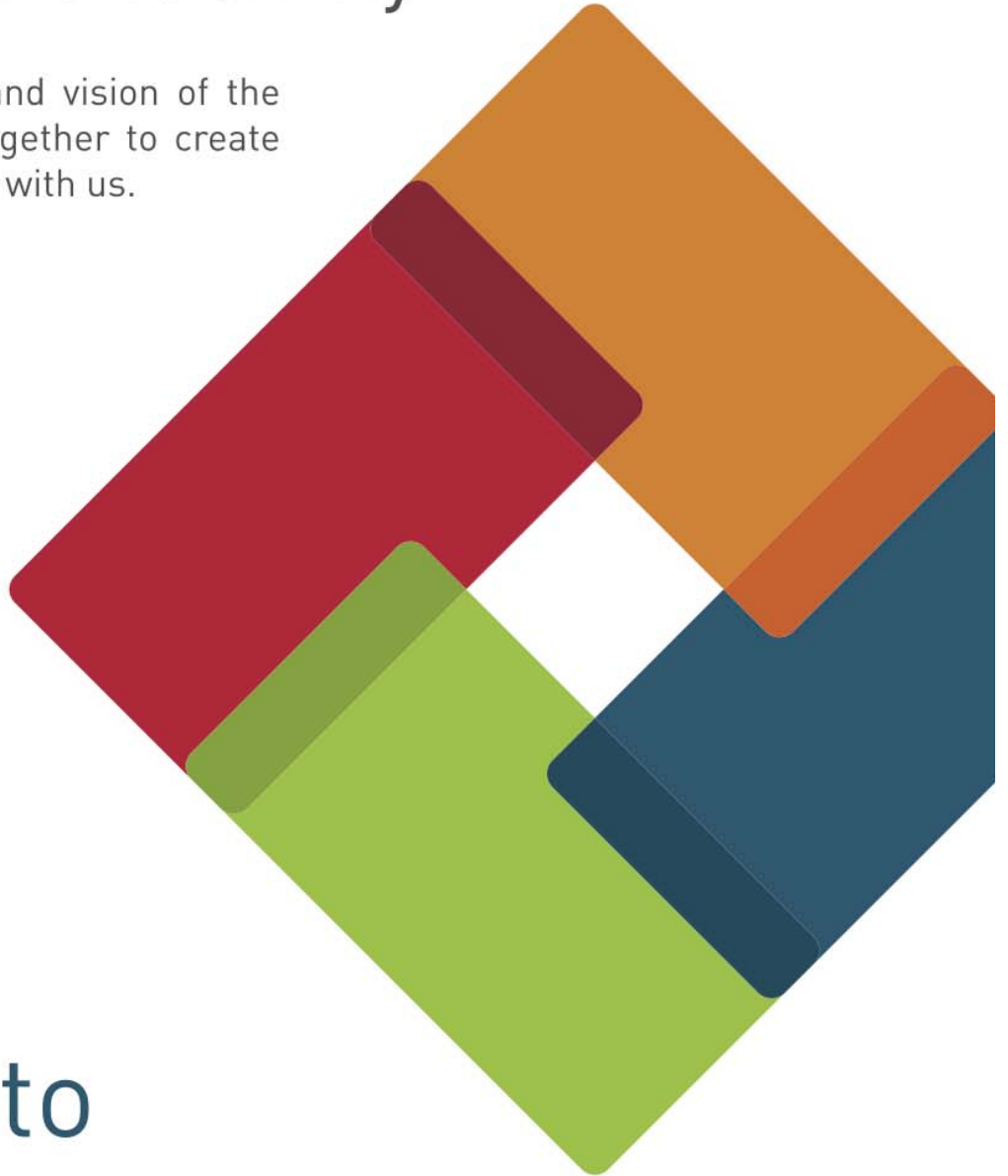
Previously, Romanowski worked for Alberto Culver, serving as a senior project leader for hair care innovation. He has been an active member of the Society of Cosmetic Chemists (SCC), most recently as Area II National Director. In addition, he has served in various positions within the Midwest Chapter of the SCC, including chapter chair. Romanowski received his B.S. in Chemistry from DePaul University and M.S. in Biochemistry. He has written and edited numerous articles and books, taught the SCC's Beginning Cosmetic Chemistry continuing education class, and developed various websites. In addition, he provides consulting services for cosmetic formulating, testing and Internet solutions; he can be reached through his website, www.ChemistsCorner.com.

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Eating Less and Living More

They feast on croissants that ooze butter. They eat creamy cheeses and fat-filled pastries. Breakfast is pain-au-chocolat washed down with espresso. There is no oatmeal in sight. I suspect most of them have never heard of flaxseed. Yet, the French have the lowest death rate from heart disease in the European Union, and when we compare this rate to North America, well, there is no comparison. Our incidence of heart disease is double that of the French. Red wine consumption is the romanticized explanation that has been offered for this so-called “French paradox,” and there may indeed be something to that. Laboratory studies have shown that a compound in wine, called resveratrol, may reduce the risk associated with high cholesterol. But there is probably a better explanation as to why the French are protected. They just eat less than we do! Their caloric consumption is less and their obesity rate is only about 7%. Compare that with Americans, a third of whom can be ranked as significantly overweight.

Animal studies have repeatedly shown that reduced calorie intake correlates with longevity. And now thanks to an investigation by Dr. Paul Rozin of the University of Pennsylvania, perhaps we can extend this idea to the French. Rozin and associates compared portion sizes in France and the US and came up with some pretty dramatic findings. They actually weighed servings in eleven comparable pairs of eateries in Paris and Philadelphia. These ran the gamut of pizzerias, fast food outlets and ethnic restaurants. The average portion size in the Paris restaurants was 277 grams as compared with 346 grams in Philly. That is a 25% difference! The American Chinese meals were a stunning 72% heftier than those served in the Parisian Chinese restaurants. Rozin also found that supermarket portions were larger in the U.S. An American candy bar was 41% larger, a hot dog was 63% bigger and even single yogurt servings were much larger. It seems that the old adage, “only the dose makes the poison,” applies to food as well.

Then there was another finding. The French don’t wolf down their meals, they take their time. Even at fast food joints, like MacDonald’s, they take longer to eat their burgers and fries. Goodness knows why. Americans spend 14 minutes “enjoying” their fast food while the French linger for some 22 minutes. In total, an average American spends an hour a day eating while a French person eats for some one hundred minutes. It seems the French eat less and enjoy it more. They don’t eat at their desks and they don’t eat on the run. And according to statistics, they may enjoy their food for more years. So it pays to take time out and eat in a relaxing atmosphere. Not everything in France, though, is smaller than here. An average French toilet paper square is larger than an American one. But I doubt that toilet paper size is linked to longevity. And remember that one slice of pizza has half as many calories as two slices.



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- Hwy 50 north through the town of Bolton.
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- Hwy 50 south 8km.
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Signature

Date



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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 ONTARIO CHAPTER SCC

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

SCC 13th Annual Golf Tournament

Tuesday, July 23rd, 2013

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

Time: 1:00 pm Shotgun start.

Fee: \$185 Golf & Dinner Package
 \$120 Golf & Lunch
 \$ 75 Dinner-only



Fees include:

Itinerary :

18-hole green fees with carts	11:00– 12:30 Registration & Lunch
Professional tournament scoring	1:00 PM Golf - Shotgun start
BBQ lunch	5:30 PM Cocktails
Dinner	6:30 PM Dinner, & Prize Presentation
Use of practice green, locker and shower facilities	

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

	HOST: _____ Golf/Dinner Package <input type="checkbox"/> Golf + lunch <input type="checkbox"/> Dinner-only <input type="checkbox"/>
	GUEST: _____ Golf/Dinner Package <input type="checkbox"/> Golf + lunch <input type="checkbox"/> Dinner-only <input type="checkbox"/>
	GUEST: _____ Golf/Dinner Package <input type="checkbox"/> Golf + lunch <input type="checkbox"/> Dinner-only <input type="checkbox"/>
	GUEST: _____ Golf/Dinner Package <input type="checkbox"/> Golf + lunch <input type="checkbox"/> Dinner-only <input type="checkbox"/>
Number of vegetarian meals needed _____	

- ◆ **Pre-registration is required for this event before JUNE 30th!**
- ◆ To pre-register Email gjain@debros.com (cell # 416-844-2031)
- ◆ Send payment before June 30th, 2013 to:
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The IFSCC 2013 Conference is coming

The 22nd IFSCC Conference will take place, during September 30.10 - 01.11, 2013 at Windsor Barra Hotel that has a privileged location in front of the beach and a few minutes from quite a large number of shopping malls, restaurants and bars.

Brazil will host at the first time, one of the most important scientific events of cosmetics industry. With the theme Boosting Cosmetic Science in Rio, the Brazilian Association of Cosmetology (ABC) and the Scientific Committee with organization and partnership of NürnbergMesse Brasil, want to show the world the greatness of this segment primarily by technological advances of scientific research.



**Florida Chapter Society of Cosmetic Chemists
Call for Papers**

**2013 Sunscreen Symposium
Beyond Broad Spectrum: The Next Horizon of SunCare
September 18 - 21, 2013**

*Walt Disney World Swan Resort * Lake Buena Vista, FL*

Authors are invited to submit titles and abstracts of no more than 150 words for original papers to be presented in podium format; **deadline for submission is January 31, 2013**. The podium presentations will be September 20-21, 2013. All topics related to Cosmetic Science will be considered for presentation. Topics of particular interest for submission of abstracts are:

- > Global Harmonization of SPF and UVA Protection Standards
- > Formulating Effective Sun Care Products
- > Innovations and Trends - What is the Next Horizon in Sun Care?
- > Sustainability and Green Initiatives
- > Global Regulatory Updates/ Changes
- > Educating Consumers / Connecting with Consumer Needs
- > Long-Term Skin Health
- > Anti-Aging Platforms - Sun Care as Skin Care
- > Evaluation of Sunscreen Drug Substances

Submit abstract, bio and photo by **January 31, 2013** to:
Danielle Wheeler
2957 Herschel Street Jacksonville, Florida 32205
Or, via email FLSCSun@gmail.com

Date:	Author/presenter requirements / notification information:
January 31, 2013	Deadline for abstract submission, please include photo and bio
March 1, 2013	Presenter/authors notified
May 1, 2013	Presentation agenda finalized
June 1, 2013	Preprints, author bio & abstract (min 200 words, max 2 pages including figures)
August 22, 2013	Final presentation received by FLSCC chapter
September 20-21, 2013	2013 Sunscreen Symposium Podium Presentations

Please note: After a review by the Florida Chapter Board Members of all papers submitted, only a limited number of papers will be accepted related to each topic. Accepted papers will be announced via email by March 1st, 2013.



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JOB SEARCH

Mary Kay—Sr Scientist CCE

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ESSENTIAL DUTIES AND RESPONSIBILITIES

1. Conducts developmental studies requiring a thorough knowledge of both sensory evaluation and consumer testing (qualitative; quantitative) processes. Designs and executes a wide variety of sensory tests, including complex sensory research studies to determine key sensory drivers of consumer liking for new and competitive products and provide direction for product/brand development. Projects require a testing plan from conceptualization to product launch.
2. Partner with Brand, Brand Positioning, Regulatory, and Legal in the design of consumer claims studies by understanding competitive product claims and developing appropriate language for new claims to be tested with consumers.
3. Screens viable candidates to determine sensory acuity to visual, tactile, and other stimuli and selects panelists with discriminatory abilities for language development and training for key product categories. Develops lexicon and testing procedures for key product categories. Maintains sensory descriptive panels by monitoring performance, frequency of testing, refresher training, panel motivation, and leading group discussion to ensure panel understanding of attributes, definitions and ballot usage. Validates panel reproducibility via subsequent exposures to products and replication of testing. Determines ingredients and products to be used as references for panel training and scale usage.

KNOWLEDGE, SKILLS AND ABILITIES

Education - Master's degree in Science, Sensory Science, Food Science/Technology, Engineering, Psychology, or Marketing with a Market Research emphasis is required.

Experience - Five years of related experience in cosmetic, consumer product, or food industry research. Must have direct experience in testing methodology and questionnaire design in either consumer/market research or sensory evaluation. An advanced degree or experience in sensory evaluation, market research, consumer use testing is desired.

1. Must demonstrate a high proficiency in verbal and written communication, language skills, panel development, sensory test methodologies, sensory language development, ballot development, focus group moderating, discussion guide development, protocol development, questionnaire design and conduct of sensory and consumer product research analysis and report writing.
2. Must possess the ability to identify and clarify product and business issues and objectives and have the ability to integrate various research data, interpret, report, and communicate test results to technical and non-technical team members as it relates back to the business. Must also have the ability to correlate current and past studies to develop insights.
3. Must possess a solid understanding of consumer/market research, sensory evaluation, and claims testing as they relate to Mary Kay, Inc. product areas.
4. Must have a solid understanding of parametric statistics and hypothesis testing principles including a basic understanding of ANOVA, regression, correlation and cluster analyses. Requires a solid understanding and ability to apply experimental design to all projects where appropriate. Must be proficient in statistical analysis software (SAS, SPSS, etc.) as well as SIMS.

Nellisa Sierra
Human Resources
214-905-6259

Free SCC Continuing Education Course “Advanced Skin Science”



We were pleased to have **Randy Wickett** as our instructor for the SCC Continuing Education Course on March 26th, 2013. This day long course was free for members and we had a great turnout!

This was an advanced course that covered various aspects of skin biochemistry and molecular biology including the Stratum Corneum barrier, epidermal differentiation, aquaporins and tight junctions in the skin, Peroxisome Proliferator-Activated Receptors (PPARs), skin pigmentation and skin aging and photo-aging. A certificate of completion was awarded at the end of the day!

Dr. Wickett is a Fellow of the Society of Cosmetic Chemists (SCC) and has received numerous SCC technical awards including the Maison G. de Navarre Medal Award, the SCC's highest award for technical achievement. He was also editor of the Journal of the Society of Cosmetic Chemists from 1991 to 1997 and past President of the Society of Cosmetic Chemists.



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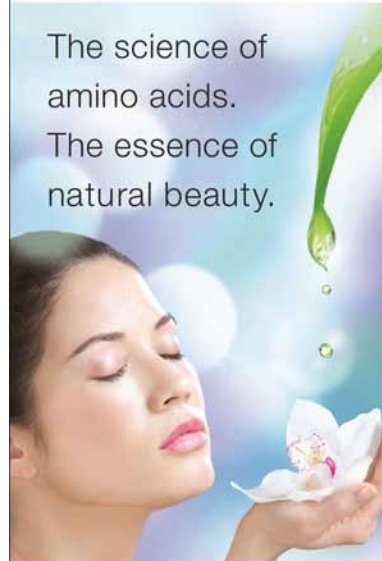
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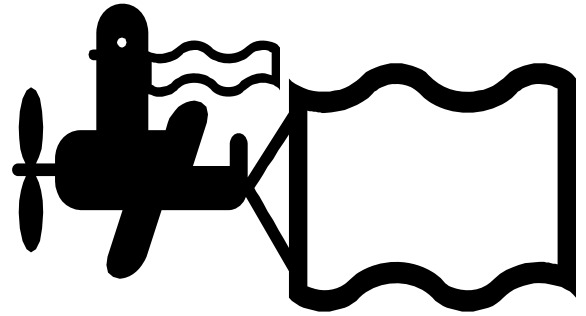
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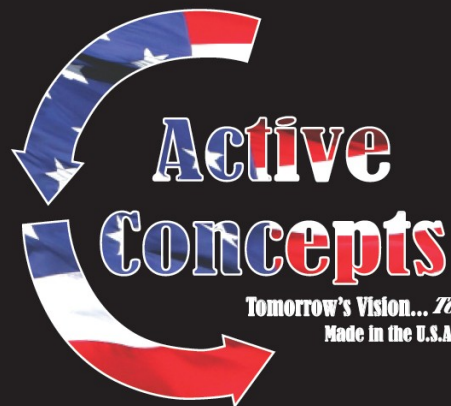


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Industry News

THE DEWOLF COMPANIES LAUNCH NEW BRAND IDENTITY

March 15, 2013 – WARWICK, RI – The DeWolf Companies (DeWolf Chemical, Inc., Glenn Corporation, Tempo Canada, ULC) proudly announce the launch of their new brand identity, which underscores the organization’s continuing expansion in the North American market, driving market penetration with a highly technical sales team focused on selling through in-depth ingredient knowledge and market trend analysis.

“After several years of growth, both organically and through acquisition, we thought this was the right time to revitalize and modernize our identity to represent the evolution of the business”, **says Hank DeWolf, President and CEO, The DeWolf Companies.** *“We want to invigorate our market presence with a fresh approach that builds broader recognition of the value of our organization and how this sets us apart from anyone else”.*

“We started by understanding the value of our brands as seen by our customers and suppliers. This discovery process revealed a high level of brand recognition. With such strength at hand, we decided to capitalize on our existing brand assets, our values and our vision of the future to define our new brand strategy”, **says Julia Hernandez, Marketing Manager, The DeWolf Companies.**

The new brand identity is supported by a new logo containing a symbol of intersecting building blocks that rotate dynamically, and the individual sister company names. The symbol represents movement and dynamism, translating to the organization’s marketing orientation, and scientific thought, alluding to its technical competence.

Each company under The DeWolf Companies umbrella operates individually based on exclusive supplier relationships with specific regional representation of these supplier partnerships. Each company has its own dedicated management, sales, supply chain and customer service teams.

“Our new brand identity supports our business structure while enhancing recognition of the values and the business model that are the foundation of The DeWolf Companies as a whole”, **says Hank DeWolf.**

The new logo, anchored by our current tag line, **“Supporting the development of formulation solutions for everyday life™”** is featured on each company’s website:
www.dewolfchem.com www.glenncorp.com www.tempoca.com

About The DeWolf Companies:

The DeWolf Companies (DeWolf Chemical, Inc. – Glenn Corporation – Tempo Canada), are a network of technical service and marketing-oriented distributors of specialty chemicals with a principal focus on the North American Personal Care, Color Cosmetics and HI&I Markets. A technically competent and marketing driven orientation differentiate us. They give us the competitive advantage to provide our customers with technologically advanced formulating solutions that are competitively aligned with today’s market trends and tomorrow’s industry forecast.



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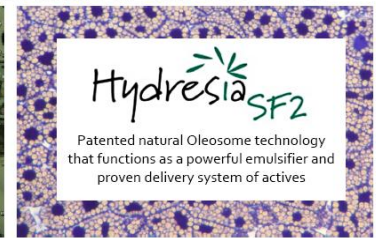
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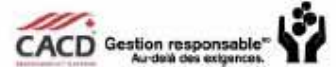
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Cosmetic Chemists invited to gather at Social Night in St. Louis



ST. LOUIS. The Chapters of Area II of the Society of Cosmetic Chemists today announced they will be hosting a cocktail reception on Wednesday, June 5, 2013 at the beautiful Missouri Botanical Garden in St. Louis. The event will be held in conjunction with the annual mid-year Scientific Seminar which will take place at the St. Louis Union Station Hotel on June 6th and 7th. Online registration is now open for the social event and SCC members who register before May 4, 2013 can save \$20 on the ticket price. More information can be found at the St. Louis SCC chapter website (<http://www.stlouisscc.org/scientific-seminar-society-cosmetic-chemists-2013.html>)

This social event will provide an excellent opportunity for cosmetic formulators, scientists and raw material suppliers from around the country to network and discuss the latest developments in cosmetic science and the cosmetic industry. Passed hors d'oeuvres will be served for the first three hours and there will be a full bar. As an added bonus, during the event, the Whitaker Music Festival will be taking place. Attendees are invited to explore the garden and enjoy the jazz as part of the reception experience.

Founded in 1859, the Missouri Botanical Garden is the nation's oldest botanical garden in continuous operation and a National Historic Landmark. The Garden is a center for botanical research and science education, as well as an oasis in the city of St. Louis.

Details for the event are as follows:

Date: June 5, 2013
Time: 7 to 11 pm
Location: Missouri Botanical Garden
4344 Shaw Boulevard
St. Louis MO 63110

Transportation: Shuttle bus transportation between
St. Louis Union Station Hotel and
the Botanical Garden provided

About the Society of Cosmetic Chemists

The Society of Cosmetic Chemists was established in 1945 and is dedicated to the advancement of cosmetic science and strives to increase and disseminate scientific information through meetings and publications. For information please visit <http://www.sconline.org>. Information on the Annual Scientific Seminar will be available on the website by early March.

Contact

To learn more about this event, please contact
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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/meetingquestionnaire.htm>



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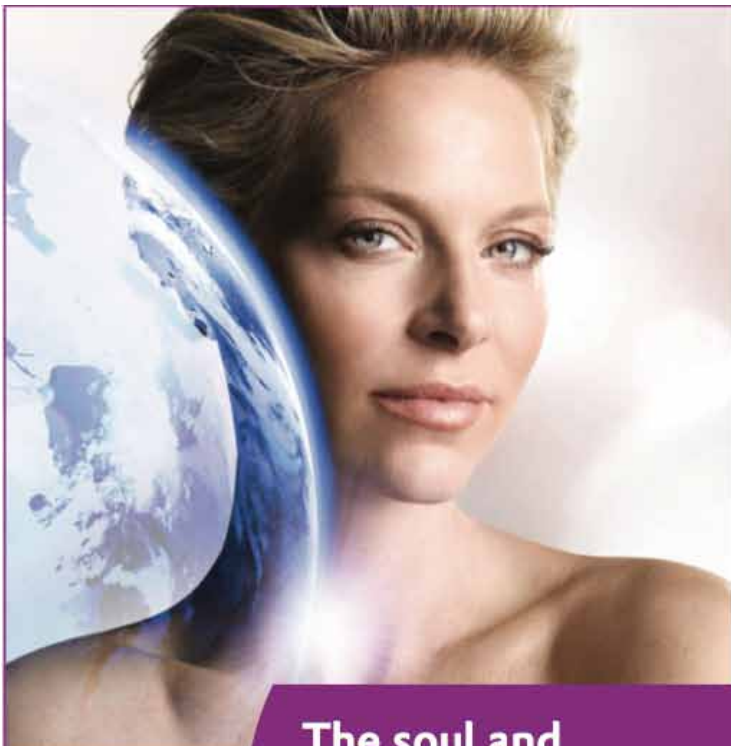
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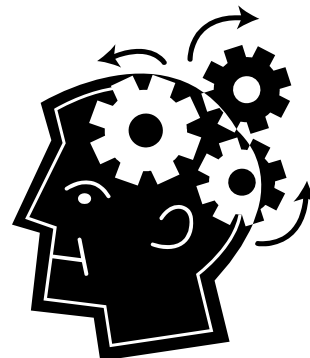
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Benefits of Membership.....Ask the Expert

The Society of Cosmetic Chemists has organized Ask the Expert to provide a forum for the exchange of ideas and new developments in cosmetic research and technology. This new educational tool allows users to seek



answers to questions on pre-selected topics relating to the cosmetic sciences. Each Thursday members on the pre-selected panel of experts respond to questions submitted to Ask the Expert. Questions must pertain to the designated topics and be received no later than Wednesday to receive answers Thursday of the same week. Questions should be as brief as possible.

Users ask questions to the forum's experts, and answers are received within the week.

One of the most important functions of the National Society of Cosmetic Chemists is to provide as many educational opportunities for the membership as possible. This is accomplished through many venues such as national scientific meetings and seminars, chapter meetings, chapter educational seminars, continuing education courses and the Journal of Cosmetic Science. Our members are the most important resource of the Society. Within our membership are many experts with vast knowledge in the field of cosmetic science. As many of these members approach the age of retirement, the knowledge that they possess begs to be shared. It is with great excitement that we, at National have introduced a new way to help share that information and continue the education of our members through this function called "Ask the Expert". The pool of experts include CEP instructors, consulting members, journal reviewers, monograph authors, Journal authors, renowned scientists and recognized experts in particular fields. This service is free.

The response from our experts to this program has been one of excitement, and we hope you agree. We feel it is another benefit we can provide to the membership and general public to enhance their ability to excel in their jobs.

http://www.sconline.org/website/news/ask_the_expert.shtml



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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@hunteramenities.com

NEWSLETTER POSTING DATES FOR 2013

Here are the dates for 2013 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- ◆ January 17th
- ◆ March 5th
- ◆ May 9th
- ◆ August 29th
- ◆ October 17th



(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 30th, 2013 The Venetian, Vaughan ON	“Skepticism and the Cosmetic Chemist - How to Distill Beauty Science from Beauty Bogus”- Perry Romanowski
June 6-7, 2013 Union Station Marriott, St. Louis, MO	2013 Annual Scientific Seminar
July 23rd, 2013 Caledon Woods Golf Club, Bolton ON	SCC Ontario 13th Annual Golf Tournament
September 19th, 2013 The Venetian, Vaughan ON	Education Day— “Scale up and Processing Cosmetic Formulations” - David Yacko
November 7th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting- TBA
November 29th, 2013 The Venetian, Vaughan ON	17th Annual 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 dzuccoli@maccosmetics.com. 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.

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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 www.SCCOnline.org.

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.

SCC

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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.sconline.org>

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NORTHERN HIGHLIGHTS

The SCC Ontario Chapter's Newsletter

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August 2013

Volume LIX

2012 Ontario Chapter Officers

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SCC ONTARIO EDUCATION DAY COURSE

"Scale Up and Processing Cosmetic Formulations"

-Instructed by David Yacko

PRE-REGISTRATION IS REQUIRED FOR EDUCATION DAY

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 16th, 2013.

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 COURSE

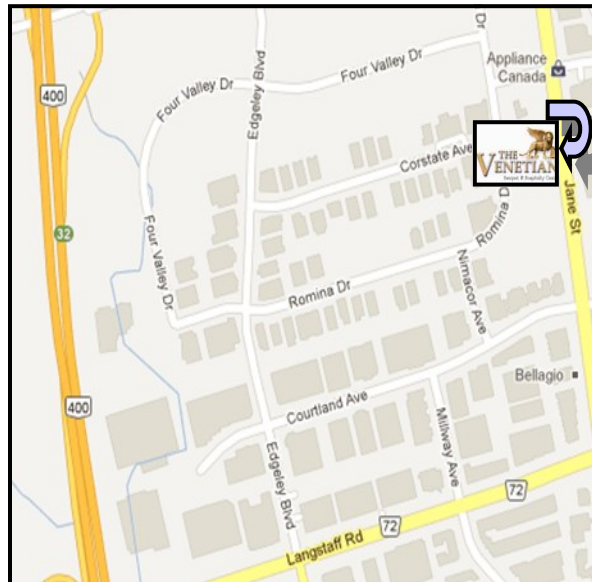
“Scale Up and Processing Cosmetic Formulations”

-Instructed by David Yacko
THURSDAY SEPTEMBER 19TH, 2013

**Location: The Venetian Banquet & Hospitality Centre
 219 Romina Drive, City of Vaughan,
 ON, L4K 4V3 (tel: 905-264-9960)**

About The Instructor

DAVID YACKO is Staff Vice President of Process Development in the Research and Development division of Estee Lauder Companies, Inc. which is one of the world’s leading cosmetic developers and manufacturers. He has been with Estee Lauder over 10 years. His department is responsible for worldwide scale up for Estee Lauder Companies, Inc. He earned his BS degree in Chemical Engineering from Tri State University in Angola, Indiana. David has worked in the cosmetic industry for 28 years. He spent 18 years with Chesebrough-Ponds in both Research and Development (14 years) and Manufacturing (4 years).



Registration will begin at **9:00 am** and the course will start at **9:30am**. **Lunch** will be provided at noon and we will finish up around **4:30 p.m**

NOTE: A certificate will be awarded for the completion of this day course!

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

COURSE OUTLINE

This course will give students a basic understanding of scale up and process variables so the first production batches can be manufactured more easily and with meaningful input on the part of the compounder. In the cosmetic industry it is imperative that new products get from the bench to manufacturing as quickly as possible. This is the job of the Process Development Engineer and the process is called scale up. The talk will discuss the different aspects of scale up: heat transfer, addition rates and energy input as it pertains to batch size and different equipment.

I. Scale Up Introduction

II. Cosmetic Processing Equipment

- A. Vessels
- B. Mixers
- C. High Shear Mixers
 - Batch
 - Inline
- D. Pumps

III. Scale Up Parameters and Variables

- A. Liquids– Emulsions-Emulsions/Solids

Batch

- Heating/Cooling
- Mass Transfer
- Controlling Shear

Continuous

- Heating/Cooling
- Mass Transfer
- Controlling Shear

- B. Emulsions/Solids
Shade Matching

IV. Procedure Requirements

- A. Terms
- B. Equipment List/Details/Controls
- C. Filling Concerns/Requirements

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TRIVIA (answers pg 18)

- Which is the world's largest cosmetics company?
 - Procter & Gamble
 - L'Oréal
 - Unilever
 - Avon
 - J&J
- How many pores are on the average adult female face?
 - 10,000
 - 20,000
 - 40,000
 - 100,000
- Ancient Roman toothpaste was in great demand because it contained ammonia, which whitened the teeth. Where did most ammonia come from?
 - Decaying organic matter
 - Fertilizers
 - Waste deposit sites
 - Human Urine
 - All of the above
 - None of the above
- Many modern cosmetics make use of an unusual organic substance to add shimmer to lipsticks and eye shadow. Do you know what this shiny material is?
 - Chicken Bone Marrow
 - Fish Scale
 - Shellac Beetle
 - Pine Stump Rosin
 - None of the above
 - All of the above
- In what country did nail polish originate?
 - Egypt
 - China
 - Italy
 - India
 - None of the above
- Scientists have found that using waste cooking oil, a certain type of surfactant is created which is then put into cosmetics. Supposedly, the surfactant helps to regenerate damaged skin. Many of these companies will get the waste oil from fast food restaurants and cafés.
 - True
 - False
- Oleoresin Capsicum is used in the following products:
 - Lipstick
 - Pepper spray
 - Lip gloss
 - Topicals for muscle and joint pain relief
 - All of the above
 - A & C only
 - None of the above
- Chicken bone marrow is full of glucosamine and considered to be an anti-inflammatory found in cosmetic products.
 - True
 - False
- Before synthetic scents became popular for perfumes Ambergris was widely used. Despite its dark color and waxy texture, ambergris is said to have a very earthy and sweet smell to it. This is a grey or black substance found in what?
 - Decaying Ambrosia plant found only in Greece
 - The digestive system of whales
 - The Ambrosia beetle
 - Decaying forests
 - None of the above
- Age spots are brown, freckle-like skin discolorations that are a result of old age.
 - True
 - False

11. Parabens in the cosmetic industry are what?
- Banned due to their direct link to cause cancer
 - Restricted to small usage levels in cosmetics due to extremely low concentrations found in cancer tumors
 - Commonly used as preservatives due to their bactericidal and fungicidal properties
 - None of the above
12. Parabens are especially good at preventing?
- Mold
 - Yeast
 - Mold & Yeast
 - None of the above
13. The average male uses how many cosmetic products per day?
- 2
 - 4
 - 6
 - 8
 - None of the above
14. Potassium sorbate can effectively preserve against?
- Mold
 - Yeast
 - Mold & Yeast
 - None of the above
15. The SPF # on sunscreen bottles gives you the protection for what?
- How much UVB protection there is
 - How much UVA protection there is
 - How much UVA & UVB protection there is
 - None of the above.
16. Silicones are banned in the use of Cosmetics in Canada?
- True due to the fact that they pose both a human health risk and an environmental risk
 - False – silicones are banned in skin care applications but not hair care applications
 - False – silicones are banned in hair care applications but not skin care
 - False – silicones are still widely used in both hair and skin care applications
17. For the Natural & Organic Label Ecocert means?
- A minimum of 95% of all plant-based ingredients in the formula and a minimum of 10% of all ingredients by weight must come from organic farming.
 - A minimum of 90% of all plant-based ingredients in the formula and a minimum of 15% of all ingredients by weight must come from organic farming.
 - The product is 100% Natural
 - The product is 100% organic
 - None of the above
18. Ecocert Checks the following?
- The absence of GMO, parabens, phenoxyethanol, nanoparticles, silicon, PEG, synthetic perfumes and dyes, animal-derived ingredients (unless naturally produced by them: milk, honey, etc.)
 - The biodegradable or recyclable nature of packaging
 - Both answers A & B
 - The absence of GMO, parabens, phenoxyethanol, nanoparticles, silicon, PEG, synthetic perfumes and dyes, animal-derived ingredients
 - Both answers B & D
19. The average woman uses how many cosmetic products per day?
- 9
 - 14
 - 13
 - 11
 - None of the above
20. Due to recent trends and negative media attention the most widely used preservatives in the Personal Care are now natural products with Parabens a close second?
- True
 - False



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The Cancer Conspiracy Unveiled

“As a crab is furnished with claws on both sides of its body, so, in this disease, the veins which extend from the tumour represent with it a figure much like a crab.”

So wrote Roman physician Galen two thousand years ago, speculating on why, some 600 years earlier, Hippocrates had used the Greek word “carcinus” for crab to describe abnormal growths on the body. Our word “cancer” is the Latin translation of “carcinus.”

Although doctors long ago learned to recognize this fearsome disease, they didn’t have much to offer in terms of treatment. It certainly wasn’t for lack of effort. Over the years, physicians tried everything from pulverized crab ointments to cauterizing cancerous lesions with red hot metal. Some even resorted to “sympathetic magic,” believing that placing a live crab on a tumour would allow the disease to be transferred to the animal. Such methods had about as much chance of success as the various cancer “cures” that populate the web today.

Being in the science-communication business requires currency with both the scientific and pseudo-scientific gusts of information that blow through the Internet. That’s why I subscribe to a large number of newsfeeds, including ones with seductive titles such as Cancer Defeated, Underground Health Reporter, Step Outside the Box, Natural Cures Not Medicine, Nutrition and Healing, The Alternative Daily, Expression of Truth and Reality Health Check. Although these newsletters have various agendas, they do have a common theme: there is a conspiracy between “Big Pharma” and mainstream medicine to hide effective “natural” cancer cures from the public. Regulatory agencies are also seen as part of the conspiracy, accused of being in the pocket of multinational corporations that are out to destroy people’s health.

Luckily, we are told, there are “maverick scientists” out there who “swim bravely against the tide.” There is talk of “insider secrets that stop cancer in its tracks” and promises of “exposure of mainstream medicine’s deadliest conspiracies.” Of course “you can’t hear about these secrets from your doctor, but you shouldn’t blame him because his hands are tied, and he could even lose his licence for recommending safe, natural alternatives to toxic cancer drugs.” Hog-wash!

Often the newsletters feature a video that we are urged to view quickly because “it might not be available for long since powerful interests are hell bent on minimizing the damage it is doing to corporate medicine’s profit machine.” Gee, aren’t we fortunate to have all these daring doctors and scientists who are willing to reveal their scintillating, cutting-edge, dazzling research as they “battle vested interests” in the name of truth?

Make no mistake about it, all these champions of “alternative” treatments have their own vested interest. There is always a book to buy, a “health letter” to subscribe to or a product to purchase. Often the hook is a video that describes some gallant researcher whose natural cure for cancer was laughed at, but which according to the testimonials provided “produces such spectacular results that the only side effect is chronic good health.”

Continued pg 24



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The IFSCC 2013 Conference is coming

The 22nd IFSCC Conference will take place, during September 30.10 - 01.11, 2013 at Windsor Barra Hotel that has a privileged location in front of the beach and a few minutes from quite a large number of shopping malls, restaurants and bars.

Brazil will host at the first time, one of the most important scientific events of cosmetics industry. With the theme Boosting Cosmetic Science in Rio, the Brazilian Association of Cosmetology (ABC) and the Scientific Committee with organization and partnership of NürnbergMesse Brasil, want to show the world the greatness of this segment primarily by technological advances of scientific research.



13th Annual SCC Ontario Chapter Golf Tournament

While the day started out muggy and warm with the risk of thunder showers by the time our golfers got in from the course it had cooled off considerably and everyone one was ready for a great meal!! On July 23rd our 13th 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 115 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: Spencer Gangbar, Greg Job, Gabriella Kiss, Jemma Racine

FLIGHT B: Janice Cukier, Craig Hubbard, Anthony Aquirre, Jo Ann Whipperman

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

Longest Drive Ladies: Lise Campeau

Longest Drive Men: Rob Castillo

Closest to the Pin Men: Graham Alexander

Closest to the Pin Women: Cheryl Kunka

Closest to the Line: Lise Campeau

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;

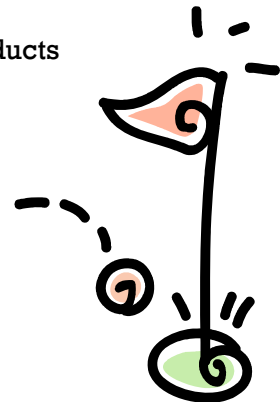
<http://www.ontarioscc.org/gallery17.htm>

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.

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A great day on the links !!





SCC Member Dues Renewal

Renewal notices for 2014 membership were sent out in August. The second notices will be sent early October and final notices will be sent 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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Please contact the registration booth upon arrival.

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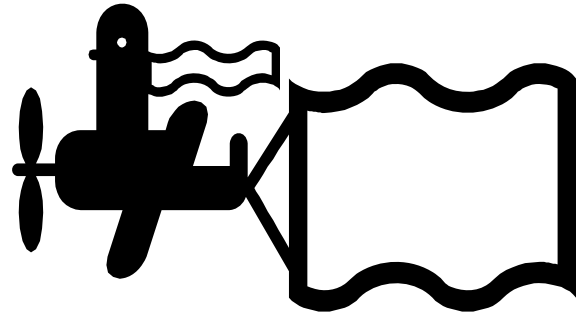
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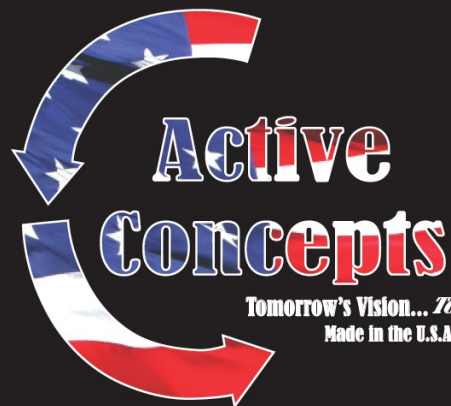


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I believe the role of Operations is to support the company in providing the customer with a unique and intimate experience. By providing excellence in operations, our customers can trust us and want to grow with us.

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Contact: Steve Colwell at steve@norwoodpackaging.com

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- ◆ To submit and monitor monthly and annual budget and opportunity reports

Qualifications:

- ◆ Post secondary degree in Sciences (Biology, Biochemistry or Chemistry preferred)
- ◆ Minimum of 2 years successful sales experience with strong presentation and negotiation skills
- ◆ Knowledge of the Personal Care market in Canada is considered an asset
- ◆ Self-motivated, entrepreneurial, and able to work independently
- ◆ Strong organizational and problem solving skills
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ONTARIO SCC STUDENT SCHOLARSHIP: 10 YEARS OF SUPPORT



The Ontario Chapter has been supporting local university students for a decade and has provided 13 scholarships of \$1000 or \$2000 for research in cosmetic science. If you think back to all those poster presentations, talks and newsletter articles, we have had a quite varied group from the University of Toronto, Guelph and Western. Sonya Van Vliet, Department of Chemical Engineering, U of T was our first recipient for her work on Mustard Seed Oil Emulsions and Cendy Wang, Department of Food Science, U of Guelph was our most recent recipient for her work on Green Cosmetic Technology. The research projects have also included Biomicrocapsules, Biopolymers, Microemulsions, Organogels, Emulsion Stability Models, Flavenoids and Ocular Irritation Models.


The students have been very grateful for the support of our chapter, the opportunity to present their research and the ability to network at our meetings. They have been working on Bachelor, Master or PhD programs connected to their research. Some students have stayed in the industry and now work in management positions at Estee Lauder, Canada and Unilever, China. Jessica Yuan, a Chemical Engineering student from U of T was further rewarded for her work on Microemulsions by winning the student competition at the SCC National Scientific Seminar. We plan to continue the program and look forward to receiving new scholarship applications from both university and college students.

TRIVIA (see pg 4)

- | | | |
|---------------------|--|--|
| 1. L'Oréal | 8. True | 15. How much UVB protection there is |
| 2..20,000 | 9. The digestive system of whales | 16. False – silicones are still widely used in both hair and skin care applications |
| 3. Human Urine | 10.False | 17. A minimum of 95% of all plant-based ingredients in the formula and a minimum of 10% of all ingredients by weight must come from organic farming. |
| 4. Fish Scale | 11. Commonly used as preservatives due to their bactericidal and fungicidal properties | 18. Both answers A & B |
| 5. China | 12. Mold and yeast | 19. None of the above |
| 6. True | 13. 6 products | 20. False |
| 7. All of the above | 14. Mold and yeast | |

Congratulations!

....to the winning table at our May 30th meeting comprised of Milanka Susak, Dragana Djurkovic, Cheryl Curitti, Sharon Gomez, Diana Liu, Dorina Covic & Steven Lau.



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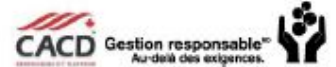
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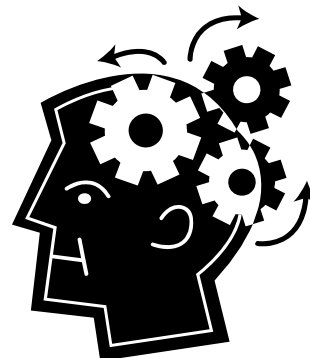
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Benefits of Membership.....Ask the Expert

The Society of Cosmetic Chemists has organized Ask the Expert to provide a forum for the exchange of ideas and new developments in cosmetic research and technology. This new educational tool allows users to seek answers to questions on pre-selected topics relating to the cosmetic sciences. Each Thursday members on the pre-selected panel of experts respond to questions submitted to Ask the Expert. Questions must pertain to the designated topics and be received no later than Wednesday to receive answers Thursday of the same week. Questions should be as brief as possible.



Users ask questions to the forum's experts, and answers are received within the week.

One of the most important functions of the National Society of Cosmetic Chemists is to provide as many educational opportunities for the membership as possible. This is accomplished through many venues such as national scientific meetings and seminars, chapter meetings, chapter educational seminars, continuing education courses and the Journal of Cosmetic Science. Our members are the most important resource of the Society. Within our membership are many experts with vast knowledge in the field of cosmetic science. As many of these members approach the age of retirement, the knowledge that they possess begs to be shared. It is with great excitement that we, at National have introduced a new way to help share that information and continue the education of our members through this function called "Ask the Expert". The pool of experts include CEP instructors, consulting members, journal reviewers, monograph authors, Journal authors, renowned scientists and recognized experts in particular fields. This service is free.

The response from our experts to this program has been one of excitement, and we hope you agree. We feel it is another benefit we can provide to the membership and general public to enhance their ability to excel in their jobs.

http://www.sconline.org/website/news/ask_the_expert.shtml

MERIT AWARD PRESENTED



The SCC Ontario executive committee is proud to announce that **Marilyn Patterson** is a recipient of the SCC Chapter Merit Award! This well deserved award recognizes Marylyn's exceptional service and dedication to the Ontario Chapter.

Marilyn began her career in the cosmetics industry in 1996 and joined the SCC Ontario executive committee in 1997. She has held several positions within the Ontario Chapter including Secretary, Vice Chair, Chair and has been Chairman of the Program Committee and Education Day. In more recent years she initiated the Ontario SCC website. After 15 years of service she retired from the Ontario board last year. There have been seven other SCC National Certificates of Merit handed out in the Chapters 18 year history. Previous recipients include Kathie Taylor, Sharon Robertson, Cheryl Kunka, Gary Baker, Dennis Zuccolin, Rob Quinlan and Andy Halasz.

The board would like to thank Marilyn for all her hard work over the years!

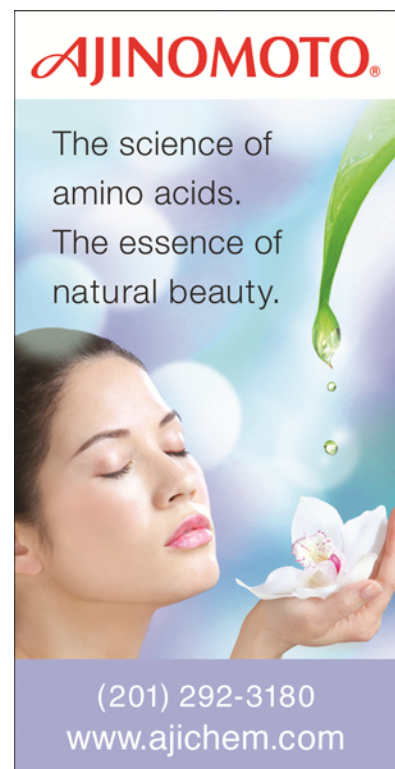


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Presenters Welcome!!!



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@hunteramenities.com

NEWSLETTER POSTING DATES FOR 2013

Here are the dates for 2013 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- ◆ January 17th
- ◆ March 5th
- ◆ May 9th
- ◆ August 29th
- ◆ October 17th



(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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Continued from pg 7

There are all sorts of allusions to wondrous treatment, but the actual “cure” is not revealed, at least not until you sign up for a subscription. Well, I’ve signed up for a good number and I have learned, for example, how “one courageous M.D. who spent his career proving that nobody does it better than Mother Nature” will reveal, for a price, a cancer treatment that has a “100% success rate backed by 80,000 cases.”

What is it? Turns out to be eggplant extract! I don’t know where all those successful cases are, but they certainly are not recorded in the medical literature. There are a couple of reports of an eggplant extract having some efficacy on basal cell skin cancer in a few patients. Hardly a magnificent “cancer cure!”

Another of my newsletters offers to stop cancer in its tracks with the “Fruit of the Angels.” It turns out to be papaya. As is usually the case, there is a seed of scientific fact that the author nurtures into an orchard of folly. Some papaya extracts have been shown to slow the multiplication of cancer cells in laboratory cultures, which is really a ho-hum observation. Numerous substances do this with little clinical relevance.

Yet another of my sources claims that the “King of Plants,” so dubbed by the Chinese, is the answer to cancer. The king happens to be the chaga mushroom. There are references to antioxidant properties, as well as to Nobel laureate Alexander Solzhenitzyn’s classic book *The Cancer Ward*, in which a character cures himself of cancer with the mushroom. The Soviets apparently embraced the treatment but somehow managed to keep this crowning achievement from the West. Sure.

“These people don’t get cancer until they move away from their native land and change their diet,” squeals yet another newsletter. It goes on to say that “a century ago a British doctor stumbled across an isolated tribe in India where cancer was unknown.” I had to purchase the book that was being promoted to find out that their secret was a diet high in apricot pits! Reminiscent of Laetrile, a totally debunked cancer treatment that the book promotes with religious fervor.

And how about “thunder god vine,” “the true cancer killer that stunned scientists by wiping out cancer in 40 days” according to yet another bulletin. Well, not quite. Researchers actually found some efficacy with a synthetic analog of triptolide, a compound found in the vine. In mice! The author of this epic goes on to take issue with researchers trying to create a pharmaceutical drug that can be patented, and counsels people to just get their hands on natural thunder god vine. Nonsense. Doesn’t work. That’s why the synthetic analog was tried.

Why, though, go to all this trouble? Why not just drink lemon juice, which according to a widely circulating email miraculously kills cancer cells and is 10,000 times stronger than chemotherapy? Scientifically bankrupt slop.

But you can take this to the bank: there is no conspiracy to keep cancer cures from the public. If you do want to look for a conspiracy, take a look at those who are trying to make a buck from promoting the notion that such a conspiracy exists.

Joe Schwarcz PhD- Director, McGill Office for Science and Society

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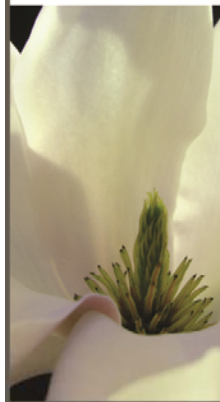
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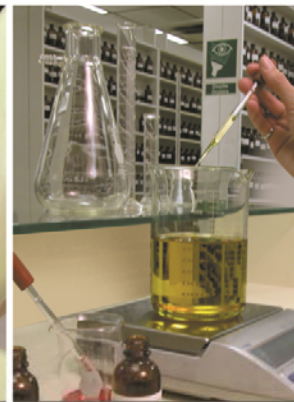


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UPCOMING EVENTS

September 19th, 2013 The Venetian, Vaughan ON	Education Day— “Scale up and Processing Cosmetic Formulations” - David Yacko
November 7th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– TBA
November 29th, 2013 The Venetian, Vaughan ON	17th Annual Holiday Dinner Dance
December 12,13th, 2013 New York, NY	SCC Annual Scientific Meeting and 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 dzuccoli@maccosmetics.com. 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.

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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 www.SCCOnline.org.

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.

SCC

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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.sconline.org>

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The SCC Ontario Chapter's Newsletter

135 Shuh Avenue
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October 2013

Volume LX

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SCC ONTARIO CHAPTER MEETING

THURSDAY NOVEMBER 7TH, 2013

"Sensory Enhancement of Emulsions: Defining the Aesthetics by Selecting Multifunctional Emulsifiers and Emollients"

-ANNA HOWE

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 4th, 2013.

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

“Sensory Enhancement of Emulsions: Defining the Aesthetics by Selecting Multifunctional Emulsifiers and Emollients”

-ANNA HOWE

THURSDAY NOVEMBER 7TH, 2013

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**

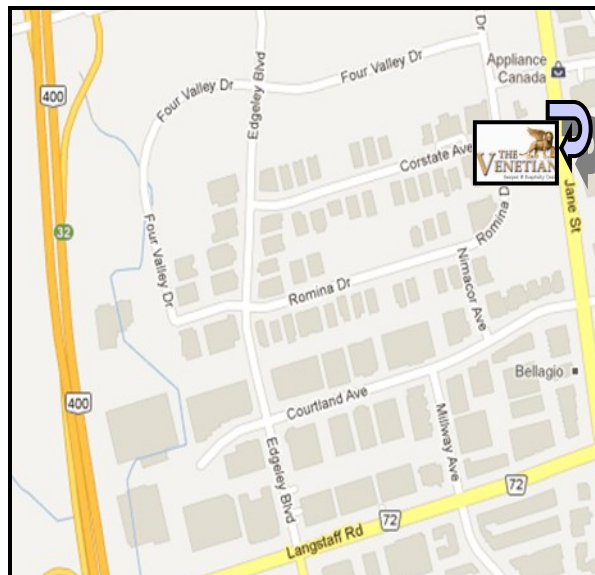
8:00 p.m. **Adjournment**

Fees: \$45 pre-paid SCC member

\$55 pre-paid non-member

\$10 pre-paid student

\$60 at the door



ABSTRACT:

Sensory Enhancement of Emulsions: Defining the Aesthetics by Selecting Multifunctional Emulsifiers and Emollients

Learn how to solve the paradox of opposite aesthetics. The presentation will show a formulator how to systematically modify sensory profiles of emulsions between opposite aesthetics: light, fresh verses caring effect and velvety-silky verses dry, powdery. The factors that will be discussed are the influences of gel and lamellar texturants, chemical type of emulsifiers as well as hydrophilic-lipophilic balance contribution and finally the contribution that polarity, surface tension and rheology play in choosing emollients.

BIO:

Anna Howe completed her undergraduate studies in Chemistry at Virginia Polytechnic Institute & State University. She is a member of the Society of Cosmetic Chemists, with over twenty years of experience in the cosmetic industry. She has a number of scientific publications in the personal care area and holds several application patents. Presently, Anna Howe is the Applied Technology Manager for North American Personal Care at Evonik Industries in Hopewell, Virginia.

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HOLIDAY DINNER DANCE



On November 29th, 2013 the SCC Ontario Chapter will be holding its Seventeenth 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 be open until 1:00 a.m. and you can enjoy a sweets table at 11:00 p.m.

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

Please RSVP to **Dorothy Maraprossians** at 905-601-8766 or by email dorothy.maraprossians@unipex.com or fax to 905-812-0672 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. If you do not receive your invitation, please use the RSVP form found on the next page.

MENU

Antipasto Bar

Butternut Squash Soup

Cucumber Wrapped Salad with Parmiggiano Slivers

Asparagus Risotto

Beef Wellington with Peppercorn Sauce & Chicken alla Veneziana

Vegetarian option: Eggplant Parmiggiana & Tomato

Stuffed with Couscous

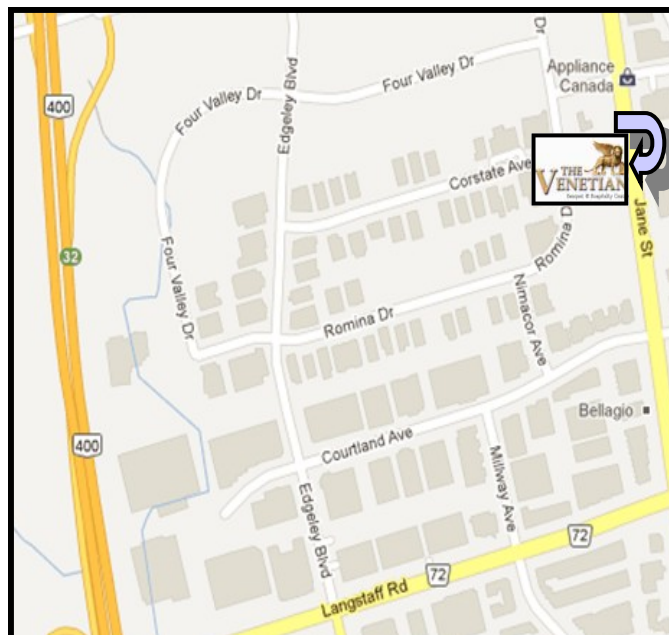
Broccoli & Baby Carrots

Parisienne Potatoes

Wafer Cup Delight

Sweet Table with Assorted Cakes and Pastries

Specialty Coffees





Ontario Chapter



Holiday Dinner Dance

R.S.V.P.

Friday, November 29th, 2013

Please reply to Dorothy Maraprossians at 905-601-8766 or email

dorothy.maraprossians@unipex.com

(fax) 905-812-0672 by November 23rd, 2012

I/We will be attending,

Name: _____

Number of Persons: _____

I would like to be seated with _____

or

_____ table(s) of 8 at \$800 per table

or

_____ table(s) of 10 at \$1000 per table

_____ number vegetarian meals required

Total amount enclosed: \$_____

Please make cheque payable to: "SCC Ontario Chapter".

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Top Ten Cosmetic Urban Legends

by PERRY ROMANOWSKI

The great thing about the Internet is that you can learn almost anything that you want to know. Often, you can get the information for free. But the downside to the Internet is that it is so easy to publish that

Anyone can write anything about anything



Most people have no way of knowing whether something is true or not. This is especially true when it comes to cosmetics and the chemicals that are used in them. Fortunately, there are websites like Snopes and The Beauty Brains to bust the myths behind cosmetics. But I thought it would be amusing to list some of the top 10 myths about beauty products that I could find. Feel free to add your own...

Top cosmetic myths and urban legends

1. J&J lost their license to sell cosmetics. – Not really. They do have a manufacturing plant in India that was banned from making cosmetics but J&J is still free to sell cosmetics.
2. Bat guano is used to make mascara – No, it's not. People confuse the colorant guanine (derived from fish scales)
3. Lead in lipstick will cause cancer – No, it won't. This is such a wide-spread myth that the FDA has weighed in with a complete analysis. The amount of lead in lipstick is not harmful.
4. The average woman ingests over 6 pounds of lipstick in a lifetime. No, she doesn't. Do the math, it does not add up. We analyze this thoroughly in our new book "It's OK to have Lead in Lipstick."
5. Sodium lauryl sulfate in shampoo will cause cancer. No, it won't. It is an irritant and should be limited to rinse-off products, but it will not cause cancer.
6. Novocaine makes baby shampoo tear free. No, it doesn't. The use of mild surfactants and sometimes benzyl alcohol are what makes baby shampoo tear free.

Continued pg 16



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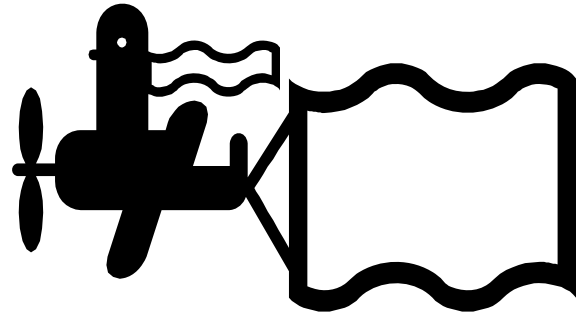
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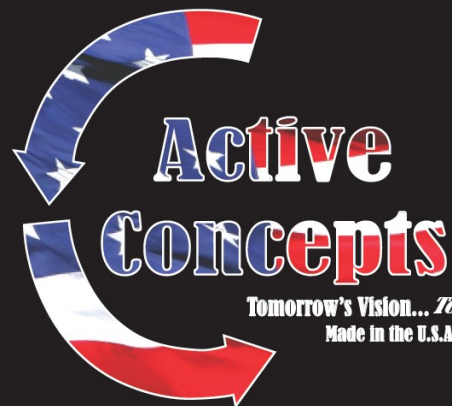


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SCC Member Dues Renewal

Renewal notices for 2014 membership were sent out in August. The second notices will be sent early October and final notices will be sent 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.

ATTENTION MEMBERS

Unemployed and Emeritus members may continue to attend monthly meetings free of charge.

Please contact the registration booth upon arrival.

Unemployed membership is free of charge by submitting the renewal form with unemployment details.



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“Surprise” FREE Education Day Course

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!

So the day started out great and only got better. The attendance was excellent as we presented a day long course instructed by Dave Yacko on **“Scale Up and Processing Cosmetic Formulations”**. The course gave students a basic understanding of scale up and process variables so the first production batches can be manufactured more easily and with meaningful input on the part of the compounder. As we all know in the cosmetic industry it is imperative that new products get from the bench to manufacturing as quickly as possible. This successful duplication of the finished products primary characteristics across a variety of manufacturing equipment job is called “scale up” and Dave talked in great detail about the different critical aspects that included: heat transfer, addition rates and energy input as it pertains to batch size and different equipment.

All attendees left with an official SCC 8G memory stick which contained Dave’s presentation along with their SCC course “Certificate of Completion”!



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<http://www.ontarioscc.org/meetingquestionnaire.htm>



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STUDENT SCHOLARSHIP UPDATE



Fan Wang (Cendy), a PhD student at Department of Food Science, University of Guelph has been approved for a second scholarship to continue the research on natural cosmetic lotion technology. She will be using agricultural materials including water, vegetable oil, monoglyceride (MG) and food additives. The new work will focus on co-emulsifiers that can gel water together with MG and increase the water swelling capacity of the system. In her previous research, she discovered that sodium salts of saturated fatty acids are currently the optimum ingredients. They can slow down the phase transition and help the structure retain more water which is a step toward stabilizing the oil-in-water emulsion, as the oil droplets are surrounded by the onion-like MG-water lamellar system. The coming step of her research is to introduce oil to the MG-water system and stabilize the oil-in-water emulsion over the long term. Once a stable lotion is developed, in vitro and in vivo skin testing, microbial stability and oil oxidation will be studied. Cendy will be invited to make a poster presentation at our February meeting and an oral presentation at the May meeting.



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Continued from pg 9

7. Waterproof sunscreen will cause blindness. No, it won't. Cosmetics are safety tested and it is easily demonstrated that waterproof sunscreens don't cause blindness. Imagine how many blind people there would be if it did.

8. Propylene glycol in cosmetics will cause cancer. No, it won't.

9. Cosmetics are not regulated in the US. Yes, they are. The FDA regulates cosmetics.

10. Toothpaste strips mean something about toxicity. No, they don't. Those are simply artifacts of the manufacturing procedure and have nothing to do with what's inside a toothpaste.

It's hard to be a cosmetic chemist these days as the Internet makes passing myths and BS so easy and many people in the world lack the critical thinking skills to sniff out the BS from reality. But I do find these things interesting as they are almost always rooted in some fact or idea that people got a bit wrong.

Are you a curious chemist or just have a general interest in the cosmetics industry and have a question, feel free to go to the Chemists Corner Forum <http://chemistscorner.com/cosmeticsciencetalk> where they have a number of cosmetic chemists who would be happy to answer questions!



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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 Midyear Meeting was a big hit

by KELLY DOBOS

The SCC's 2013 Scientific Seminar in St. Louis kicked off with a social event at the Missouri Botanical Gardens hosted by the chapters of Area II (Lake Erie, Michigan, Midwest, Ohio Valley, Ontario, and St. Louis Chapters). Despite a little rain, the event was at capacity.

Attendees were treated to delicious hand crafted beverages designed by the event's Diamond Sponsor, Chemia Corp, which highlighted trends in fragrance and flavor.



SCC Scientific Seminar

Two days of scientific presentations followed, covering topics from ethnic and emerging markets to microbiology. Known for his energetic presentation style, Gary Agism of Pfizer closed out the meeting with his talk about lip balm entitled, "Stick It To the Stick." He wowed the crowd with his anecdotes and sense of humor.

The student poster session was filled with cutting edge research from students at Jones County Junior College, St. Louis University, the University of Cincinnati, the University of Southern Mississippi, and the University of Guelph in Ontario, Canada. Shoná Burkes, an active student member of the Ohio Valley Chapter, took home the top prize in the poster judging contest for her work, titled *Determination of infantile Hemangioma Progression Using Non-Invasive Imaging Modalities*.

Upcoming SCC meetings

The SCC is now focusing on its role as host of the 29th IFSCC Congress on Oct. 23–26, 2016, in Orlando, Florida. The theme of the meeting is "Beyond Dreams into New Frontiers—Inspire, Imagine, Innovate," and will be held at the Walt Disney World Resort. There will be general sessions, a poster session, an exhibition and three social events. The Committee on Scientific Affairs be responsible for the scientific program including both podium and poster presentations. The 2016 congress organizing committee is currently soliciting sponsorships. Please contact Doreen Scelso at the national office if your company is interested in sponsorship.

Read more at <http://chemistscorner.com/scc-midyear-meeting-was-a-big-hit/#pRVlu12D0i22ERBJ.99>



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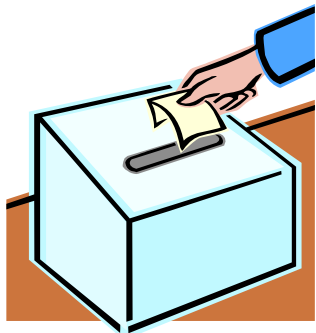


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2014 SCC Ontario Chapter Board Elections



It is time for elections of the 2014 SCC Ontario Chapter Board Members. We have two positions open for election this year: Chair-Elect and Secretary.

Elections are open to all General Members of the SCC Ontario Chapter. By now you should have received your ballot in the mail or submitted a ballot at the Education Day in September. When you get your ballot please make your selection, seal the ballot in the **BALLOT** envelope, **sign the back of the envelope** and print your name in the spaces provided. Mail the Ballot back to the SCC in the pre-labelled envelope.

NOTE: It is necessary to sign the back of the sealed envelope in order for the ballot to be valid and counted. Ballots must be returned by November 1st, 2013.

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 7, 2013 meeting. Thank you for taking time to vote. Your support of the SCC Ontario Chapter is greatly appreciated.

2013 SCC Ontario Chapter Board Members

Position	Name	Phone	Email
Chair	Zohreh Fakhim	416-740-5300	Zohreh.Fakhim@univarcana.com
Chair-Elect	Andrea Boylan	905-795-0911	andrea.boylan@andicor.com
Treasurer	Gary Baker	519-896-1168	gary@geandb.com
Secretary	Monika Melao	416-741-9264	mmelao@ctc.ca

2014 Ontario Chapter Candidates

CHAIR-ELECT

Candidate: Dorothy Maraprossians

Dorothy holds an Honours Bachelor of Science degree from the University of Toronto with a Biology Specialist distinction. She has been in the cosmetic industry for over 15 years with Unipex Solutions Canada. She currently holds the position of Sales Manager, Personal Care. She has been on the SCC Ontario Chapter Board since 2001 and has previously held the position of Chair.

SECRETARY

Candidate: Monika Melao

Monika Melao is a B.Sc. graduate, with Distinction, from the University of Toronto, where she specialized in Biology and Chemistry. She has acquired a broad background in the chemical industry since joining Charles Tennant & Company in 1997 and is the Sales Manager for the Personal Care market. Monika has been a member of the Society of Cosmetic Chemists since 2000 and has held positions of SCC Ontario Chapter Board Member, Secretary and Chair.



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 2013

Here are the dates for 2013 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- ◆ January 17th
- ◆ March 5th
- ◆ May 9th
- ◆ August 29th
- ◆ October 17th



(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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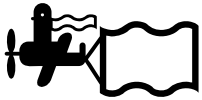
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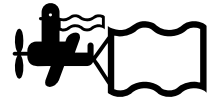
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All fees will be due by December 31, 2013 and must be received in order to be included in our January 2014 issue.

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. Currently we have a waiting list for new advertisers 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.

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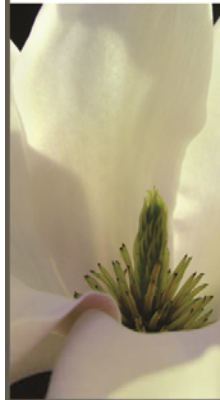
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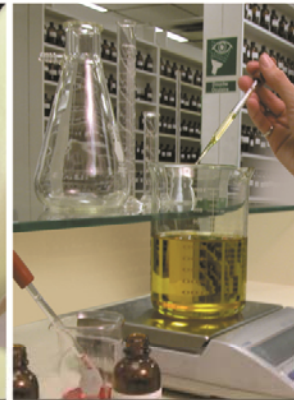


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UPCOMING EVENTS

November 7th, 2013 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting– <i>“Sensory Enhancement of Emulsions: Defining the Aesthetics by Selecting Multifunctional Emulsifiers and Emollients”</i>
November 29th, 2013 The Venetian, Vaughan ON	17th Annual Holiday Dinner Dance
December 12,13th, 2013 New York, NY	SCC Annual Scientific Meeting and Technology Showcase
February 6th, 2014 The Venetian, Vaughan ON	SCC Ontario Chapter Meeting
March 27th, 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

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 dzuccoli@maccosmetics.com. 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

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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 www.SCCOnline.org.

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??



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;

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