



NORTHERN HIGHLIGHTS



The SCC Ontario Chapter's Newsletter



August 2022

Volume CIV

2022 Ontario Chapter Officers

Chair

Mary Seifi
Grant Industries Inc
Ph: (416) 726-2702
mseifi@grantinc.com

Chair Elect

Elizabeth Peitsis
IMCD Canada Limited
99 Summerlea Rd
Brampton, ON
L6T 4V2
note4liz@yahoo.ca

Secretary

Tanya Baksh
Essential Ingredients
Ph: (647) 674-5833
tbaksh@essentialingredients.com

Treasurer

Robert Castillo
Univar Canada
64 Arrow Rd.
Weston ON, M9M 2L9
Ph: (416) 740-5300
Fax: (416) 740-2227
Rob.Castillo@UnivarSolutions.com

Past Chair

Shahin Kalantari
d'Avicenna Inc
80 Cornerbrook drive,
Toronto, ON. M3A 1H7
Ph: (416) 567-6572
shahink@davicenna.com

Directors Area V

Kayla Ivey
iveyk@gojo.com
Ph: (330) 869-1285
iveyk@gojo.com

Lionel Ripoll
lionel_ripoll@uqac.ca
Ph: (418) 545-5011

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SCC ONTARIO EDUCATION DAY

FREE 1 Day CEP Course

"Botanicals and Naturals for the Natural Market"

- ARTHUR GEORGALAS

OCTOBER 6th, 2022

PRE-REGISTER FOR THIS CHAPTER MEETING

As this meeting is an "in person" event simply click on the button below which will take you to our registration page. You can then either bring the payment with you or request a PayPal link from rob.castillo@univarsolutions.com. Please make your reservation before the Monday prior to the meeting.

**Click Here
To Register**

SCC ONTARIO EDUCATION DAY

FREE 1 Day CEP Course

"Botanicals and Naturals for the Natural Market"

- ARTHUR GEORGALAS

OCTOBER 6th, 2022



Location:

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

Fees:

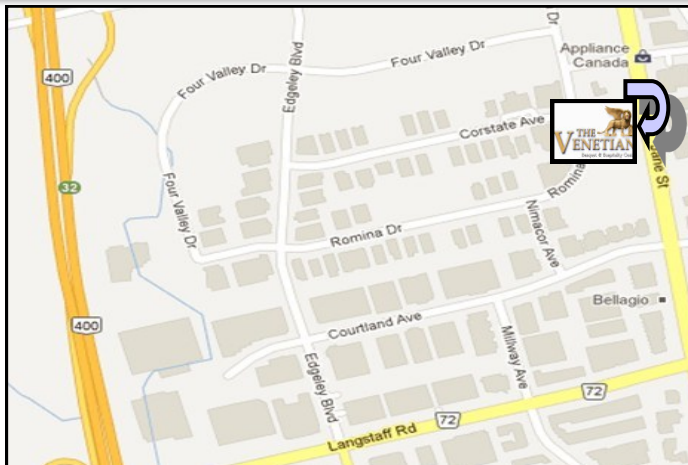
SCC Members—FREE
(Pre-Registered)

Non-Members \$125
(Pre-Registered)

Students \$30
(pre-Registered)

Schedule

See below
Noon– Lunch (provided)



Who Should Attend

Formulators, researchers and marketers who want to learn more about natural products used in natural personal care products with focus on botanicals.

Course Overview

What are natural products? Why do we want to formulate with them? The Natural & Organic Market – USDA and NGO certifying bodies. Rationales for ingredient acceptability and restriction.

The range of ingredients for personal care – functional, active and promotional

- 1) Natural Products – Molecules of Nature- Phytochemistry
 - a) Primary metabolites – Proteins, Lipids, Carbohydrates
 - b) Secondary metabolites- Chemical families of interest
- 2) Plant Classification and Families of interest for personal care
- 3) Economic Botany - A short History of Botanicals, Naturals & Botanical Extraction Methods
- 4) Ethnobotany – multicultural knowledge on plant utilization including examples from Contemporary Indigenous Peoples,
- 5) Personal Care Pharmacognosy- active botanicals
- 6) Patents and IP issues – selected US and International Patents, traditional knowledge ownership
- 7) Regulatory Issues
- 8) Current botanicals and phytochemicals of interest
- 9) Formulation considerations and selected finished products

AGENDA

- | | |
|----------------------------|-------------------------|
| 8:30 am - 9:00 am | Registration |
| 9:00 am - 10:30 am | Session A Part 1 |
| 10:30 am - 10:45 am | Break |
| 10:45 am - 12:00 | Session A Part 2 |
| 12:00 - 1:15 pm | Lunch |
| 1:15 pm - 2:45 pm | Session B Part 1 |
| 2:45 pm - 3:00 pm | Break |
| 3:00 pm - 3:45 pm | Session B Part 2 |
| 3:45 pm - 4:15 pm | Open Q&A |

ARTHUR GEORGALAS has conducted and directed product formulation and applied research in cosmetics, toiletries, skin, sun and hair care at Revlon, Shulton, Charles of the Ritz, DowBrands/ LaMaur and at TRI-K Industries, Inc. in Northvale, New Jersey, U.S. as Director of Research and Development Art has recently established GEORGALAS ENDEAVORS LLC to bring this experience and expertise to clients with personal care projects. He has also contributed articles to various trade journals and the book Sunscreens 2nd ed., Marcel Dekker publishers. He contributes to active SCC, NYSCC and IFSCC committees and has presented at many technical and trade conferences. A graduate of CCNY (City College of New York), he also completed the Masters Program (M.S. degree) in Pharmaceutics, specialty in Cosmetic Science at the Arnold and Marie Schwartz College of Pharmacy and Health Sciences of LIU (Long Island University). As an adjunct professor, Art instructs classes in Product Development and Applied Colloid Chemistry at Fairleigh Dickinson Uni-



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Membership Programs and Privileges

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. 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 nineteen 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.



May 26th Meeting Recap

We had over 50 attendees for our first “in-person” evening meeting in over 2 years on May 26th at the Venetian Banquet Hall! It was great to finally get back to some sense of “normality” seeing friends and colleagues after such an extended absence. Let’s hope it stays that way!!

We were pleased to have as our speaker for the evening **Diana Smith** who is the Global Sales Director for Micro Powders Inc. The topic for the evening meeting was **“Circular Beauty with Bio-Based Upcycled Fine Powders & Naturally Colored Exfoliants”**.

Diana discussed sustainable raw materials and how they relate to creating products that are earth-friendly, sustainable and how renewable raw materials are imperative for Circular Beauty and economy. The presentation went into greater detail discussing utilization of upcycled materials which are a very good way to REuse, Reduce and Recycle and how “upcycled” materials are essential for a circular economy.



Download Diana’s presentation here [DOWNLOAD](#)



As a bonus, we had in attendance at the meeting some of the students from the **“Cosmetic Science Program”** at **Seneca College** who displayed their Capstone projects and were available to take questions from the SCC Ontario membership. It was great to see their passion, drive and ingenuity for the cosmetic program and industry on display!





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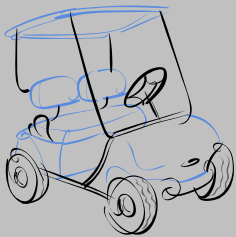
BRENTAG



2022 SCC Ontario Golf Outing a Great Success!

Some events you can not do virtually so thankfully after a 2 year absence our SCC golf enthusiasts were ready to hit the links and reconnect with old and new friends! We want to thank all those who invited guests and came out for our long over due golf outing on July 21st at **Caledon Woods Golf Club**. We had over 60 golfers for the day and more that joined just for dinner. The weather could not have been

better as all enjoyed a wonderful day of food, fun and leisure. We especially want to thank our long-time organizer **Gagan Jain** for all the work he put in to make this event go as smoothly as it did. Thanks Gagan!



Please click the **“photo gallery”** button to see a





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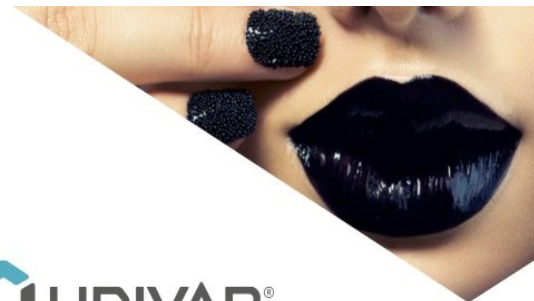


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2023 SCC Ontario Chapter Board Elections

It is time for the election of the 2023 SCC Ontario Chapter Board Members. We have one position open for election this year: Chair-Elect.

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

Elections are open to all General Members of the SCC Ontario Chapter. If you have any questions please contact one of the current board members listed below. The newly elected board members will be introduced at the November 3rd, 2022 meeting. Thank you for taking time to vote. Your support of the SCC Ontario Chapter is greatly appreciated.

2022 SCC Ontario Chapter Board Members

Position	Name	Phone	Email
Chair	Mary Seifi	416-726-2702	mseifi@grantinc.com
Chair-Elect	Elizabeth Peitsis		note4liz@yahoo.ca
Treasurer	Robert Castillo	416-740-5300	rob.castillo@univarsolutions.com
Secretary	Andrea Boylan	905-795-0911	andrea.boylan@andicor.com

2023 Ontario Chapter Candidate

CHAIR ELECT

Candidate: Monika Melao

Monika Melao has worked in chemical distribution for over twenty years, in roles from technical to national sales management, while specializing in the cosmetics industry. She has a Bachelor of Science (BSc) in Biology and Chemistry from the University of Toronto and a Master of Business Administration (MBA) from Athabasca University. Monika has been an SCC Ontario Chapter board member since 2000 and is the current Bylaw Chair. She was honoured with the Ontario Chapter Merit Award in 2014 and has previously held elected positions of Secretary and

MEMBER *spotlight*

Enquire Now

The SCC Ontario Chapter has many members with diverse backgrounds so we think its time we featured some of those members! If you would like to be interviewed and featured on the SCC National website please contact us. Click below to see the types of questions and current featured members.

<https://www.sconline.org/About/In-the-News/Member-Spotlight>



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Seneca College is pleased to announce the three recipients of the 2021/22 Society of Cosmetic Chemists Bursary and Scholarship Awards!

Society of Cosmetic Chemists Scholarships

**Hind Al-Shamali
Eugene Fe Maninang**

Society of Cosmetic Chemists Bursary

Mahjabin Jannat Tarin

Please take some time to read through our very worthy recipients thank you letters as well as Seneca thank you video below where students express their appreciation to donors!



Award: Society of Cosmetic Chemists Award

Received by: Eugene Maninang

Program: Cosmetic Science

Dear Donor,



Thank you for the generous donation. I am honored to be this year's recipient of the Society of Cosmetic Chemists Award. My name is Eugene Maninang and I am currently a student of the Cosmetic Science Graduate Certificate Program at Seneca College.

The program has given me a holistic view of the cosmetic industry, including topics such as formulations, fragrances, marketing and regulations. From the coursework, my favorite class has been the Capstone Project. In which, we partner with a business to develop a product based on their marketing brief. Working in collaboration with an industry partner to develop a product was an amazing real-world experience that I can translate into my career. As the only Cosmetic Science program in Canada, Seneca provides an opportunity for individuals to transition well into the cosmetic industry. In addition to the program, Seneca also provides opportunities in research within the cosmetic field. I am currently working as an RA under the supervision of the Cosmetic Science Professors to develop innovative products. For example, research into the development of skincare that focus on Canadian sourced ingredients.

As someone with multiple family members working as frontline healthcare workers during the pandemic, it has been a difficult and stressful time. During the initial lockdown, I was unable to work and the job market was scarce, which caused financial strain. I would like to reiterate how thankful I am for the award, which has allowed me to pursue this program.

Thanks to your generous financial support. I have always had a strong interest in becoming a cosmetic chemist and it is my aspiration to become a formulator or enter the product development space.

This program has given me the opportunity to view all aspects of interest such as Quality Assurance and Regulatory, as well as provide me with real world experience through our Work-Integrated Learning Term, Capstone and Research Assistant opportunities.

Thanks to the financial support from The Society of Cosmetic Chemists - Ontario Chapter, I was able to experience the benefits of the program. I appreciate all the support the SCC has provided to the program and its students.

Sincerely,

Eugene Maninang



Thank you letter

Award: Society of Cosmetic Chemists Award

Received by: Hind Alshamali

Program: Cosmetic Science



Dear Donor,

My name is Hind Alshamali and I am currently enrolled in the Cosmetic Science program at Seneca College. I completed my undergraduate studies at University of Ontario Institute of Technology with a Bachelor of Science Degree in Pharmaceutical Chemistry.

Currently in my studies at Seneca College, I am working on a final capstone project, where we have the opportunity to work with a cosmetic company to make a product they desire. It was very exciting and educational to be able to work with a company and make a waterless foaming shampoo. Developing the product was very tricky because it was the first of its kind. This project was the best part of my Seneca experience, it allowed my team and I to research innovative ways to overcome the obstacles of making this product.

Before starting the program, I expected the pandemic to affect my school experience negatively because science-based programs are harder to do online, however the program was coordinated in a very organized way where I was still able to get the full experience and learn to the best of my abilities.

During my studies at Seneca, I had an opportunity of doing a COOP term at a pharmaceutical or cosmetic company where I worked in the Quality Assurance Lab. Initially, I was interested in specifically formulation and making products, however when I had the chance to work in Quality, I realized it was something I could relate to more as a chemist.

This bursary will potentially help me greatly because I wouldn't have to worry much about how I spend my free time, working while also being in school is extremely difficult. This allows me to allocate my free time towards learning more about cosmetic science than a part time job that adds no value to my education.

Knowing I have financial support really gets me off my feet and more motivated to pursue what I truly am passionate about. Thank you very much for your support and generosity.

Kind regards,

Hind Alshamali



Thank you letter

Award: Society of Cosmetic Chemists Bursary

Received by: Mahjabin Jannat Tarin

Program: Chemical Engineering Technology (CHY)

Dear Donor,

I would like to thank you for your kind support. I am Mahjabin from the Chemical Engineering Technology program at Seneca College. I have always been very fascinated by Chemistry, and how wide the path of Chemistry is. I absolutely love working with different chemicals, solution preparation, and using different instruments is my favorite out of everything.

I am an international student at Seneca College, half of my first semester was in person but when the pandemic hit and everything was shut down, I was very sad. I did not have a job and had to stay home to study all the time. This affected me mentally and physically. However, I had great friends that I met through online classes and amazing professors, who has helped me overcome the hardship I was facing. Because of not having a job during the pandemic, I was struggling a lot financially, but I did not give up and here I am now, almost at the end.

I am very grateful for all the support I got, especially when I got awarded the Society of Cosmetic Chemists Bursary, I knew I had people there willing to lend a helping hand when in need. Thank you, again for the great support.

Sincerely

Mahjabin Jannat Tarin



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CAN NATURAL SKIN CARE PRODUCTS BE HIGH-TECH?/CAN HIGH-TECH SKINCARE PRODUCTS BE NATURAL?

Written by Mark Chandler, President – ACT Solutions Corp.

There has been a great divide between natural skin care products and high-tech performance skin care products. Natural products are endearing, complete with plant-based ingredients and avoiding those ingredients that offend our notions of safety. Premium skin care products are unfettered by such considerations, focusing on delivering the full consumer experience in terms of efficacy, aesthetics, and stability. We understand that the consumer decision to purchase, repurchase, and tell everyone (online) how thrilled they are with the product is both emotional and rational. If we would like to reconcile competing forces of natural and high-tech in order to control the narrative of the consumer decision, we must go back to first principles of formulating.

'Aesthetics and performance. Stability and sensibility'

These are the challenges we face. In order to meet these challenges, a step back rather than forward is in order. Unquestioned notions based on suggestion and experience need to be vetted.

The first is the thought that emollient choice drives aesthetics. Though intuitively correct and reinforced over the decades by emollient suppliers, this could not be further from the truth. **In work performed by the late Dr. Johann Wiechers, published way back in 2002, outlined that 74% of the entire aesthetic experience (Appearance, Pick-up, Rub-out, and After-feel) is controlled by the emulsifier selection.** Further, nearly 100% of the consumer 'moments of truth', those roughly 90 seconds that the consumer sees, touches, and rubs the product on to the skin is controlled by the emulsifier. This knowledge cries out for formulators to break free of their emulsifier platforms and chassis and consider new colloid structures and chemistries.

One appealing yet underutilized approach is to use the power of liquid crystalline lamellar gel network (LC) stabilization. Knowledge of these structures dates back decades from the work of Stig Friberg and others. The first commercial LC emulsifier was launched in the early 1990's as a natural alternative to natural/synthetic PEG-based emulsifiers. It was only later that it was realized that building skin care emulsions with an LC structure gave enhanced skin care performance with regard to moisturization and skin elasticity building, but also enhanced delivery of both hydrophilic and lipophilic active ingredients. Today there are great LC emulsifier offerings from Croda (Arlacel LC), SEPPIC (Montanov 202), Corbion (ESTERLAC Perform), and many others.

THE QUESTION THAT NATURALLY ARISES...

"If LC systems are so wonderful, why isn't everyone using them"?

The answer is likely twofold. One may be in that aesthetics need to resonate with the target audience. LC systems have a distinctive aesthetic that is appealing to many, but success can only be found if that aesthetic is appealing to the intended customer. The primary reason may be that most LC emulsifiers are used incorrectly. Though many instruct that their LC emulsifier can go in either phase, there is only one phase that they should go in for success an full realization of the LC potential – a heated aqueous phase – no exceptions.

About the author

Mark Chandler is President of ACT Solutions Corp (Adaptive Cosmetic Technology Solutions), a formulation design consultancy founded in 2012, serving the cosmetic and topical pharmaceutical industries, focusing on Adaptive Aesthetic Design™, Advanced Emulsion Solutions™, and Formulating for Efficacy™, with formulation laboratories in Delaware and Ohio.

Mark has been in the industry for over 30 years. He has published numerous articles, book chapters, and has been granted 3 patents.

He is also serving on the Board of Directors, as Treasurer, for the Society of Cosmetic Chemists (SCC).

Article compliments of <https://www.scconline.org/Education/Blog>

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Attendance and Survey draw!!

Each year the **Ontario Chapter** is privileged to host many fine speakers and we would like to recognize them for their efforts. Immediately following each virtual meeting attendees will receive a **very short survey** asking to rate the speaker. Attending the meeting enters you in our draw and responding to the survey doubles your chances of winning a \$25 gift card! At the end of the year we will tally the results and present one of them with an award as **“Speaker of the Year”**.

Congratulations! To Dennis Zuccolin who is
our latest winner!


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Why is poop brown?

A certain amount of the muddy colour can be attributed to the different colours of food we eat. Like mixing all the paint colours together, the result is a dull brown. But, much bigger factors for humans' brown poop are bilirubin and bile. Bilirubin is a yellow substance found in the liver, the product of the breakdown of old red blood cells. Bile is dark brown or green and is produced by the liver to help digest fats. Both of these substances are secreted into the small intestine during digestion, and slowly make their way into poop, bringing with them a dark brown hue.

Bird poop, on the other hand, is not brown but white. That is because—unlike mammals—**birds don't pee!** Instead, where mammals get rid of waste ammonia in our urine in the form of urea, birds eliminate their waste ammonia in the form of uric acid, which is a **white paste**. That way they don't carry extra water weight around. The brown dot you usually see in the middle of a bird dropping is the actual poop, and it is usually brown.

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JOB SEARCH

ACME-HARDESTY, CO REGIONAL SALES MANAGER /PERSONAL CARE

In addition to base salary as outlined in the salary range, the successful candidate will also earn commission and an annual bonus. It is important to note that the RSM will be employed with Acme-Hardesty through a Professional Employer Organization (PEO).

Our growth and expansion strategy in the personal care market has created an outstanding opportunity in Eastern Canada for a Regional Sales Manager (RSM) to join our Personal Care Team at Acme Hardesty.

As an RSM on the Personal Care Team, your primary responsibilities will include:

- * Develop profitable and sustainable sales in assigned territory
- * Maintain, improve and profitably grow existing sales territory through new products or increased share of business
- * Prospect and develop new customers, focusing on R&D for promoting our new product offerings
- * Manage day to day business of territory
- * Sell to the multi-level buying influences at a customer
- * Travel 40% or as required to meet objectives
- * Qualified candidates will have 5-7 years' experience in a consultative, solution selling approach in the Personal Care market. We are seeking a candidate that has strong relationships with R&D personnel in the Canadian personal care market.
- * Knowledge of supply chain and importing is very helpful.
- * A Bachelor's Degree in chemistry, chemical engineering or business or related technical focus is preferred.

With an 80-year history of innovation and growth, Acme-Hardesty has evolved into a leading distributor of bio-based products and specialty ingredients for the Personal Care industry. Our dedicated personal care team offers formulation expertise paired with a rapidly growing product portfolio, allowing us to partner with our customers and develop innovative solutions to their formulation challenges. From hair care to skin care and everything in between, the ingredients Acme-Hardesty provides are essential for manufacturing quality personal care products.

Interested candidates please email your resume to **Guy Kalbach** at gkalbach@jacobstern.com

HISTORY OF OUR SOCIETY

Building a community and expanding knowledge for 75 years.

1945

Comprised of nearly 6,000 members, the Society of Cosmetic Chemists was founded in 1945 to promote high standards of practice in the cosmetic sciences. We serve as a focus and provide the proper forums for the exchange of ideas and new developments in cosmetic research and technology. Our leadership includes a long list of [past SCC Presidents](#) who have served the organization well over the years.



SCC Founding Father,
Maison G. de Navarre

1948

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

1999

At the turn of the century, our Society launched their first website with a mission to reach a larger audience while extending enhanced services to our membership. By digitizing our historic journals, we have an inventory of our evolutionary progress in developing new products based on sound standards.



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

bhalasz39@gmail.com



Did You Know?

SCC Ontario Chapter
Has a Group Presence on
Linked in
and invites you to
join the Group
As a Member of the
SCC Ontario LinkedIn
Information Source.
Take A Look
Linked in



NEWSLETTER POSTING DATES FOR 2022

Here are the dates for 2022 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- ♦ January 11th
- ♦ February 10th
- ♦ April 28th
- ♦ August 25th
- ♦ October 6th



(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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Please check our website for detailed job listings at

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UPCOMING EVENTS

October 6, 2022 The Venetian, Vaughan Ontario	SCC Ontario Education Day— Continuing Education Course - "Botanicals and Naturals for the Naturals Market" - Arthur Georgalas
November 3rd, 2022 The Venetian, Vaughan Ontario	SCC Ontario Chapter Meeting— "Updates to Sunscreen Monograph and new developments in Suncare" - Hani Farris
December 2nd, 2022 The Venetian, Vaughan Ontario	Annual Holiday Dinner Dance
February 9th, 2023 The Venetian, Vaughan Ontario	SCC Ontario Chapter Meeting— TBA
March 9th, 2023 The Venetian, Vaughan Ontario	SCC Ontario Regulatory Meeting
May 25th, 2023 The Venetian, Vaughan Ontario	SCC Ontario Chapter Meeting— TBA
July 2023 Caledon Woods Golf Club	TBA
September 21, 2023 The Venetian, Vaughan Ontario	SCC Ontario Chapter Meeting— TBA

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 students planning to complete cosmetic science research in Canada. In the past, the \$1000.00 award has been presented to students from Seneca College, University of Toronto, University of Waterloo, University of Guelph and McMaster University. The program began in 2003 and over 20 students have received awards.

Interested students are invited to submit a brief one page outline to Dennis Zuccolin, Director of Scholarships at dzuccoli@estee.ca. 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.

The Ontario Chapter has supported the Seneca College Cosmetic Science Program and students by providing several scholarships. Students of the Seneca School of Biological Science and Applied Chemistry will also be supported with a new award starting in the current school year.

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

NORTHERN HIGHLIGHTS STAFF

PUBLISHER:	ROB QUINLAN AZELIS CANADA INC	ph: 905-595-2618	rob.quinlan@azelis.com
EDITOR:	ANDREA BOYLAN ANDICOR SPECIALTY CHEMICALS CORP	ph: 905-795-0911	andrea.boylan@andicor.com
ADVERTISING:	VERA MATOVINA PLANT POWER	ph: 416-766-1254	vera@plantpower.ca

MEMBERSHIP

For those who would like to become members, yearly fees are \$165US. Applications are available from your Executive Committee or on-line at;

<http://www.sconline.org/membership/>

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.

Presentation Library

Peruse our wide selection of presentations from previous meetings

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

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.



Change of Address

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. If you know of someone who has moved, please ask them if they have contacted the National Office regarding their address change.