

# The SCC Ontario Chapter's Newsletter



#### October 2024

**Volume CXV** 

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#### IN THIS ISSUE...

SCC ONTARIO CHAPTER MEETING     SCC ONTARIO ANNUAL HOLIDAY DINNER DANCE	
• Cosmetic emulsions with stability problems: what is the cause?	page 8
EDUCATION DAY RECAP	page 14
UPCOMING EVENTS	page 18

#### SCC ONTARIO CHAPTER MEETING

"Leading Outside the Lines: A Palette of Creative Values"

-Janic Gorayeb

November 7th, 2024

# PRE-REGISTER FOR THIS CHAPTER MEETING

Simply click on the button below which will take you to our registration page. You can then either pay at the door, mail a cheque to rob.castillo@univarsolutions.com or pay with credit card in advance or at the door.

Please make your reservation before the Monday prior to the meeting.



#### SCC ONTARIO CHAPTER MEETING

Leading Outside the Lines: A Palette of Creative Values"

-Janic Gorayeb

November 7th, 2024

Location: The Venetian Banquet & Hospitality

Centre 219 Romina Drive, City of

Vaughan, ON, L4K 4V3

Time: 5:00 Cocktails

6:00 Dinner

7:00 <u>Presentation</u> 8:00 Adjournment

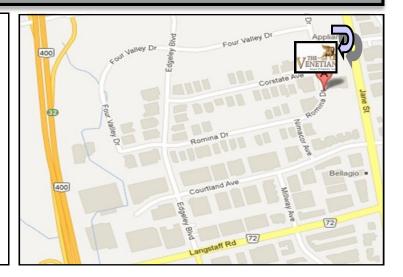
Fees: \$60 pre-paid SCC member

\$70 pre-paid non-member

\$30 pre-paid student

\$75 at the door

Free - Emeritus Members



#### **Abstract: Leading Outside the Lines: A Palette of Creative Values**

During this presentation, we will explore the intersection of creativity and leadership, emphasizing the role of core values. It delves into how leaders can inspire innovation, encourage out-of- the-box thinking, and align these efforts with the organization's core values. Attendees will learn strategies to foster a creative culture while realizing you don't need to have a traditional leadership title to be a leader!

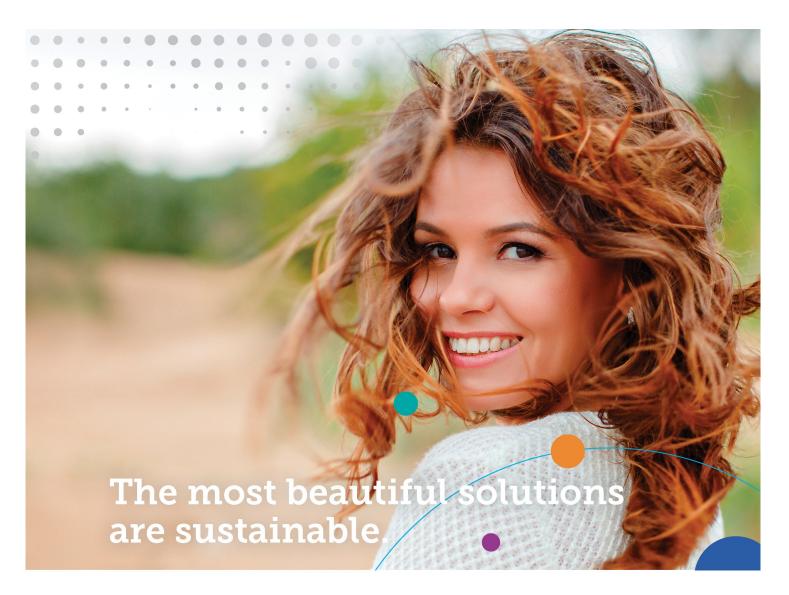
#### Biography:

#### Janic Gorayeb, MA in Leadership (She / Her)

Janic Gorayeb is the Founder and Creative Curator of Ripple Effect Leadership and holds an MA in Leadership from Royal Roads University. She's all about helping organizations build strong, values-driven team cultures where everyone feels empowered to lead—no matter their title. Through her creative and strategic workshops, retreats, and programs, Janic goes beyond the usual leadership skills. She unlocks productivity, builds community, and makes self-leadership something the whole team can rally behind. For entrepreneurs and small business owners, Janic is your go-to for boosting confidence, quieting self-doubt, and aligning your business with your values—while also connecting you to a crew of like-minded founders who just *get it*. Her approach? A mix of practical leadership



strategies with a creative twist—because growth should be as fun as it is effective! On a more personal level, Janic is a proud aunty, loves visiting family in Arizona, and always makes time for creativity as a way to reset. She's fascinated by tiny house living and can never resist a good road trip to Trader Joe's!



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#### Friday, December 6th 2024

We are returning to
The Venerian Banquet & Hospitality Centre,
218 Romina Drive, Vaughan.

We start the evening at 6:00 p.m. by enjoying the specialties from the antipasto table.

Dinner will follow at 7:15 p.m. SHARP.

The dance floor will be open until 1:00 a.m. and you can
enjoy a sweets table following dinner.

Reserve Early and Save.

Early bird pricing up to November 1st is \$180.00 per person.

Ulter the November 1st deadline the price is \$200.00 per person

#### REGISTER ON LINE

Sponsorship Opportunities Available This Year

#### Platinum - \$1000



- Featured, in largest print on event signage
- Company logo will be displayed on website and all e-blast for Holiday Dinner event in largest print
- Table spotlight at the event
- Free registration for upcoming chapter
  meeting for 2 people for February meeting

#### Silver - \$500



- Company logo will be displayed in signage in eyent space
- Company logo will be displayed on website.

#### Gold - \$750



- Company logo will be prominently displayed in event space
- · Company logo will be displayed on website
- Free registration for upcoming chapter meeting for 1 person for February meeting

#### Bronze - \$200



 Name will be highlighted on the sponsor cards included on each table and will be acknowledged at prize giveaway

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#### MENU

Venetian Deluxe Antipasto Station - Butternut Squash Soup Fresh Chives & Creme Fraiche - Risotto ai Funghi Entrée Braised Beef Shortrib - Red Wine Reducton - Pescatarian Filet of Salmon Vegetarian Eggplant Parm & Vegetable Strudel Vegetables Broccoli & Baked Potato - Butter & Sour Cream with Chives Dessert Station - Specialty Coffee Station - Venetian Deluxe Bar



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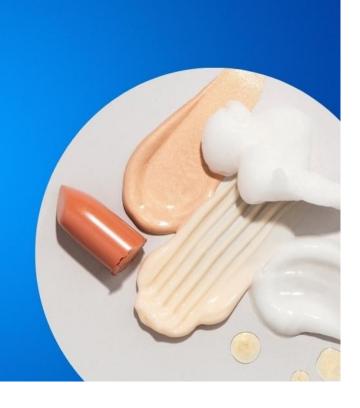


# Our Ingredients Your Products

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#### Cosmetic emulsions with stability problems: what is the cause?

Belinda Carli, 09/2024

You've run some stability tests and, oh no! The stability of your cosmetic emulsion has failed.

What could be the cause of the formula instability, and how can you fix it?

Read on to find out about common stability issues when formulating cosmetic emulsions, and most importantly, what you should trouble shoot to try to fix them.

Need an <u>overview of stability and shelf life testing cosmetic</u> formulas? Watch this video here.



- Learn how to run professional stability programs, including microbial tests, with our <u>Certificate in</u> <u>Cosmetic Quality & Stability</u>.
- Are you a small brand wanting to learn just the essentials on a budget? <u>Take our stability testing</u> for small cosmetic brands workshop here instead.

#### Emulsion stability problem 1: colour and aroma changes in your cream or lotion.

When you have colour or aroma changes in your cream or lotion formula, you'll need to determine if the colour or aroma change is sufficient enough to impact the enjoyment by your consumer. You will also need to check if the colour or aroma change impacts the safety and efficacy of the product. A slight aromatic difference or tint of colour may be acceptable by a consumer, but if the pH or viscosity is adversely affected, then the product is considered unstable.

Try these fix-its to improve the colour and aromatic stability of your emulsion formula:

- add a small input of chelating agent and see if this restores the original colour. Find out about chelating agents here. If it does, you will need to add chelating agent to your formula, and all future batches.
- try preparing another sample with a little more or less antioxidant and see if that reduces colour and aromatic changes. Read this blog to see how vitamin E can have a pro-oxidant effect in cosmetic formulas, and watch this video to see how to test if you are using the right input.
- Conduct microbial checks to ensure there is no microbial contamination of your cosmetic formula, and to confirm the input of preservative is sufficient.

#### **Emulsion stability problem 2: your emulsion shows separation.**

Oil in water emulsion formulas will show partial or fully separated layers when there is either:

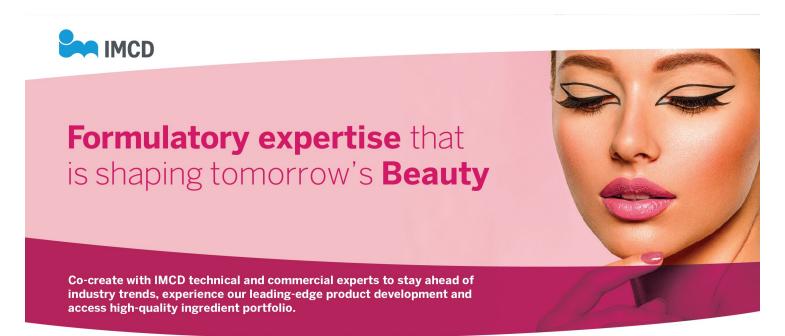
- too much oil for the emulsifiers and/or other stabilizing agents such as gums or polymers to hold the oil droplets homogenous
- a significant pH change, which causes the emulsifiers or stabilizing agents to become ineffective

To investigate and potentially fix the problem, start by taking the pH of your failed sample. If it has changed dramatically, then investigate why that change occurred; often it has to do with oxidation or some other incompatibility, such as electrolytes. If you can fix the original cause, you will then stop the large shift in pH which caused the instability. Watch how to check and measure pH here.

Continued on page 11







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#### **Dues Renewal**

Returning members can sign in, or reset their password if needed, via the button below. Once signed in, you will see an option to reactivate your membership.



Please note: It is important to keep your membership active. Members who are dropped for non-payment of dues must pay a reinstatement fee plus current year dues in order to be reinstated. Members who resign will only need to pay current dues to be reinstated.

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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



# Linked in Take A Look Linked in

#### NEWSLETTER POSTING DATES FOR 2024

Here are the dates for 2024 that the Northern Highlights Staff plan to post the 5 newsletters for the year;

- January 8th
- February 7th
- May 2nd
- August 22nd
- October 10th



(or as close as we can get)

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



If the pH of the failed sample is within an acceptable range but there is still separation, then it is most likely the ratio of oils to emulsifiers you have used. Increase your emulsifiers and stabilizing agents such as gums or polymers in your formula, or reduce the oil input and prepare another sample then test its' stability.

#### Emulsion stability problem 3: your cream or lotion looks grainy or waxy.

A waxy or grainy appearance to your emulsion can sometimes happen quite quickly after it has first been made. In these cases, it is usually due to waxes not being sufficiently heated while the emulsion is being formed, so that very fine waxy particles 'set' before they can be incorporated homogenously into the micelles of an emulsion. If this is the case, the cream or lotion will have a very limited shelf life, and will tend to separate before much longer.

To fix this problem, you will need to make a new sample and ensure the oil and water phases are both sufficiently heated above the melting point of the waxes used, so that the micelles of the emulsion can form while both phases are liquid before cooling starts.

Another reason for a grainy or waxy appearance, particularly if it does not occur straight away, can be due to crystallization in the emulsion. This can only occur when an ionic emulsifier has been used, such as an anionic emulsifier in a cream or lotion, or a cationic emulsifier in a conditioner. For crystallization to occur, it means that too much ionic emulsifier has been used in the formula to tolerate a low temperature. To fix this problem, create a new sample using more non-ionic emulsifier and then test it again using freeze/thaw cycles.

#### Emulsion stability problem 4: your cream or lotion changes viscosity in different climates

A properly formulated cream or lotion should not show significant changes in viscosity in different climates. If it does, it is usually caused by:

- using too high an input of low melting point butters OR
- using non-ionic emulsifiers only without sufficient gums or polymers.

Both non-ionic emulsifiers (when used on their own, with out gums or polymers) and low melting point butters will be subject to climate induced viscosity changes, and can be easy to fix but you need to revisit your emulsion formula and start again.

Make sure you limit the input of all low melting point butters to 10%w/w at most. When using non-ionic emulsifiers to form your emulsion, make sure you also incorporate sufficient gums or polymers to help hold the form of the emulsion in warmer climates.

#### What other causes are there of emulsion instability?

Another common cause of emulsion instability is the method used to create the emulsion. Sometimes more mixing is not better! Here are some scenarios:

- high shear mixing with shear sensitive polymers will irreversibly cut the polymers and render them useless as stability aids. Check the gums or polymers you are using can handle high shear before mixing your emulsion formula.
- incorporating too much air into your batch while mixing, through incorrectly positioned stirrers, can cause viscosity changes and oxidation in the finished product. Make sure the rate of shear, vessels and mixing equipment suit the batch size as well as materials used.
- not mixing sufficiently will lead to large droplet size in the emulsion, and the larger the droplet size, the faster oil droplets will coagulate and coalesce, and the faster the rate of stability. You should use high shear to create your emulsions where ever non-shear sensitive materials are in your formula to ensure the smallest droplet size possible in an emulsion.



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## **Education Day 2024**



Our annual "Education Day" took place on Thursday, September 19th, at the Venetian Banquet Hall. We were thrilled to welcome Joe Dallal, a renowned veteran in product development, as our keynote speaker. Joe's presentation, titled "Where Do New Products Come From? Ideas, Innovation, or Creativity?" captivated the audience.



Throughout his talk, Joe delved into the rapid advancements in industry technologies and the evolving expectations and desires of consumers. He emphasized the importance of creating tools that not only perform exceptionally but also remain chemically and perceptually stable over time. As Joé eloquently stated, "One of our biggest challenges is selecting from over 16,000 ingredients and figuring out how to get them to work harmoniously in a beaker." He also highlighted the critical considerations of performance, efficacy, scale-up, cost, preservation, and safety testing.

Joe's insights provided valuable perspectives on navigating the complexities of product development in today's fast-paced market, leaving attendees inspired and better equipped to innovate in their respective fields. Attendees received a certificate of attendance and exclusive access to the full presentation.









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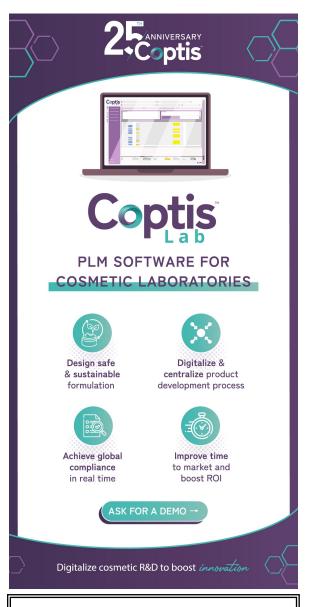
# **GRANT INDUSTRIES**













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



# **Employment Opportunities**

Please check our website for detailed job listings

**CLICK HERE** 

#### Investigate other cosmetic formulation mistakes with this video.

It is a company responsibility to ensure that all cosmetic products they put onto the market have adequate stability data to support the shelf life and time of sale of the product. Find out more in this video: Who's responsible for faulty product? This helps protect the safety and quality of the product, so that it is safe, stable and efficacious for a consumer to use.

Make sure your cosmetic brand conducts the necessary stability checks on all products it releases into the market, whether they manufacture them or not, because you are ultimately responsible for those products!

Most importantly, when formulating emulsions, make sure you know how to trouble shoot what has gone wrong with your emulsion formula to make better samples each time.

#### Happy formulating!



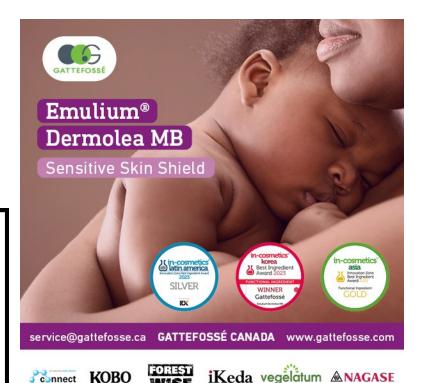
Article compliments of Institute of Personal Care Science











#### **UPCOMING EVENTS**

November 7th, 2024 The Venetian, Vaughan Ontario	SCC Ontario Chapter Meeting—"Leading Outside the Lines: A Palette of Creative Values"- Janic Gorayeb
December 6th, 2024 The Venetian, Vaughan Ontario	Annual Holiday Dinner Dance
February 6th, 2025 The Venetian, Vaughan Ontario	SCC Ontario Chapter Meeting—TBA
March 6th, 2025 The Venetian, Vaughan Ontario	SCC Ontario Chapter Meeting - TBA
May 29th, 2025 The Venetian, Vaughan Ontario	SCC Ontario Chapter Meeting—TBA
July 16th, 2025 Lionhead Golf Club & Conference Centre	SCC Ontario Annual Golf Tournament
September 25, 2025 The Venetian, Vaughan Ontario	Education Day—"Fundamentals of Microbiome for the Cosmetics Industry" presented by Paul Lawrence
November 6, 2025 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 Polytechnic, 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 <a href="mailto:idzuccolin@gmail.com">idzuccolin@gmail.com</a>. The scholarship applications will be reviewed by the SCC Ontario Chapter Board members. Students awarded a scholarship can also apply for additional support (up to \$1000.00) to cover research and development costs, training and conference expenses.

The Ontario Chapter has supported the Seneca Polytechnic Cosmetic Science Program and students by providing annual scholarships. Undergraduate students of the Seneca Polytechnic School of Biological Science and Applied Chemistry have also been supported by an annual award.

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

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#### **MEMBERSHIP**

For those who would like to become members, yearly fees are \$175US. Applications are available from your Executive Committee or on-line at;



lease 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

#### **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.

Emeritus Members - Attend Chapter educational events and evening meetings for free!

