



# NEW ENGLAND CHAPTER SOCIETY OF COSMETIC CHEMISTS NEWSLETTER

August 2015

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## NEXT MEETING

### Come join us for our ANNUAL EDUCATIONAL SEMINAR & PAST PRESIDENT'S DAY

All Day Seminar - Thursday October 15,  
2015

### Emulsifier Functionality, Effects and Selection

ROBERT Y. LOCHHEAD Ph.D. FRSC, FAIC, FSCC

Massachusetts College of Pharmacy - Worcester Campus  
Thomas Henry Borysek Living and Learning Center  
9th Floor Fuller Conference Room  
25 Foster Street  
Worcester, MA

Registration begins at 8:30 am  
Seminar 9:00 to 4:30  
Includes Lunch

**FREE to MEMBERS & PAST PRESIDENT'S**  
\$50 - Non-Members  
\$100 - Vendor Tabletops/includes Registration

### TWO WAYS TO REGISTER:

1. Call or email Beth - [413] 537-1070  
or Beth.McGowan6713@gmail.com

OR

2. Pre-pay by credit card and be automatically registered -  
go to Paypal, [www.PayPal.com](http://www.PayPal.com) and enter email  
of [PaypalPayment@NewEnglandSCC.org](mailto:PaypalPayment@NewEnglandSCC.org) (Note - this is a  
new recipient's email address)



## AREA I DIRECTORS

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## NOTES FROM THE CHAIR

Dear NESCC Members and Friends,

I hope all is well as we head into another beautiful fall in New England. Last month we had the pleasure of having Dr. Narjis Askar of Lubrizol give a fantastic presentation on Polyquat chemistry. I would like to thank Dr. Askar for taking the time and making the trip out to New England to give the presentation.

Save the date for our full day Ed Seminar on October 15<sup>th</sup> which will be held at the Mass College of Pharmacy. Our speaker will be Robert Lochhead giving a presentation on Emulsifier Functionality, Effects and Selection. All NESCC past presidents are invited to this great event. Although a short notice, we look forward to having you join us for Dr. Lochhead's presentation!

To wrap up the year we will have a social event to induct our new board members. We have sent out electronic ballots to vote for chapter positions and there is still time to vote! We will send out an email blast and post on our website the venue where our social event will be held.

Enjoy the beautiful fall weather and we look forward to seeing you at our upcoming events!

Warm Regards,

Andrew J. Slesinski



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## SPEAKER ABSTRACT

In one day, this course will provide an overview of emulsions and emulsifier theory focused on topical applications.

The course will include the following topics:

- Review of the surface and colloid science of emulsions
- Emulsions as delivery for cosmetic attributes and therapeutic treatment
- Emulsifier diversity and selection:
  - ◊ classical surfactant systems
  - ◊ natural emulsifiers
  - ◊ particle-stabilized emulsions: Pickering emulsions
  - ◊ emulsion rheology
  - ◊ polymeric emulsifiers: principles and practice.
  - ◊ polypeptide and protein emulsifiers
  - ◊ silicone based emulsifiers and silicone emulsions
- Substantivity, durability, transfer-resistance, and removal on demand



## Speaker info

### ROBERT Y. LOCHHEAD Ph.D. FRSC, FAIC. FSCC

Dr Lochhead currently serves as a professor at the School of Polymers and High Performance Materials at the University of Southern Mississippi, and he was Director of that School for about twenty years. Prior to joining academia, the first twenty five years of his career were spent in industrial research that ranged from polymer and silicone synthesis to colloid and surface science for cosmetics and personal care products, and to the management of a large hydrophilic polymers' research group. Dr. Lochhead is the author of more than a hundred scientific papers and reviews, and a named inventor on 24 patents.

The polymers that he has invented have enabled new and better technologies with beneficial societal and environmental impact. These include:

- Polymers for textile printing that essentially replaced kerosene emulsions and the pollution that often went along with the use of these emulsions.
- The concept of polymeric emulsifiers and the first polymeric emulsifier which enabled:
  - ◊ Agricultural sprays that keep actives on plants even when it rains; thereby lowering the frequency of use and reducing runoff of pesticides and herbicides.
  - ◊ Waterborne waterseal coatings compositions that essentially eliminate the volatile organic compound emissions of earlier oilbased waterseal formulations.
  - ◊ Skin lotions for sensitive skin and Sports sunscreen
  - ◊ The now common stimuli-responsive alcohol sanitizing gels
- Hypochlorite-resistant waterborne rheology modifiers that enabled automatic dishwashing gels
- Bioadhesive polymers for the lubrication of mucous membranes and drug delivery.

The stimuli-responsive coacervate formation that underpins the mechanism of conditioning shampoos has been named "the Lochhead Effect".

Dr. Lochhead has received many awards for his contributions and these include:

- The Maison G. DeNavarre medal from the Society of Cosmetic Chemists
- The Chemical Pioneer Award from the American Institute of Chemists
- The Education Award from the Society of Plastics Engineers.

Dr. Lochhead serves on the INCI committee and he has served twice as the President of the Society of Cosmetic Chemists, and President of the International Association of Formulation Chemists.





## NEW ENGLAND SCC MEETINGS AND EVENTS

**19 November 15** – Monthly Meeting/Induction of 2016 Officers -  
Odyssey Dinner Cruise, Rowes Wharf, Boston

### OTHER AREA 1 CHAPTER EVENTS

**15 Oct 15** – LI SCC Monthly Meeting

**20 Oct 15** – CT SCC – Educational Seminar—Fairfield CT

**24 Oct 15** – NY SCC 60<sup>th</sup> Anniversary Meeting - Location TBD

**27 Oct 15** – QC SCC Education Day - Location TBD

**29 Oct 15** – LI SCC Monthly Meeting - Woodbury NY

**10 Nov 15** – QC Monthly Meeting - Location TBD

**15 Nov 15** – NY SCC Color Cosmetics Symposium - NYC

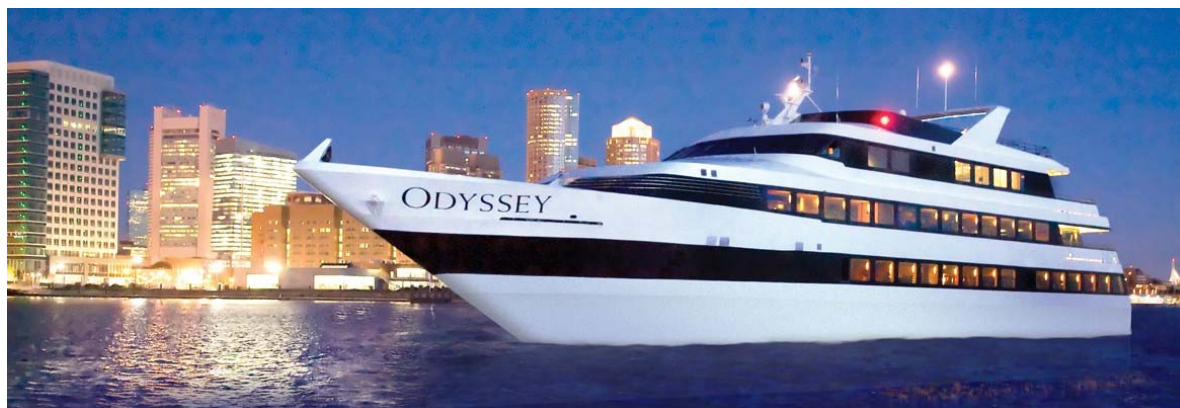
**17 Nov 15** – CT SCC Monthly Meeting - Trumbull CT

**1 Dec 15** – QC SCC Christmas Party/Officer Installation - Location TBD

**10-11 Dec 15**—SCC Annual Meeting and Technology Showcase – Hilton Towers NY, NY







## WHERE? Thursday, November 19<sup>th</sup> Odyssey Dinner Cruise Rows Wharf, Boston

\*Boarding begins at 6pm, cruising from 7pm – 10pm

\*Check out this video: <http://www.odysseycruises.com/boston/about/experience/photos-video>

\*All taxes and service fees included

**Tickets \$50 for members**

**\$65 for non members**



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Contact Craig Ford—[craigford333@gmail.com](mailto:craigford333@gmail.com)





## VOTE

Societies of Cosmetic Chemists elections are right around the corner.

National, Area and Chapter Officers are being chosen.

In New England vote for:

Chair Elect

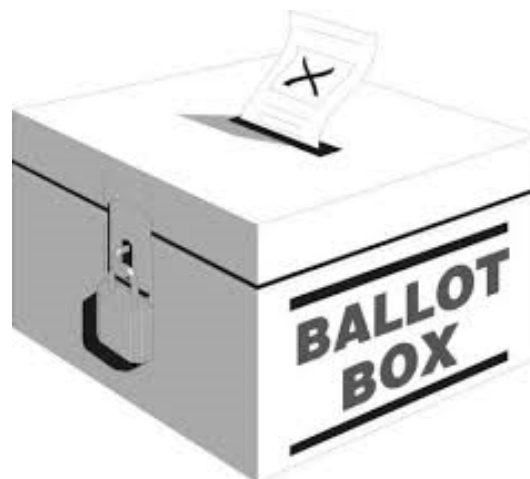
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## EMPLOYMENT OPPORTUNITIES

**Innospec Performance Chemicals** is a dynamic specialty chemical manufacturer seeking to expand our sales coverage in the northeast.

We are looking for an energetic account manager with 2-5 years of sales experience providing raw materials to the personal care industry.

Responsibilities will include developing customer relationships, identifying new opportunities and technical promotion of specialty chemicals.

Should be based within territory of PA, NJ, NY, CT, MA.

Highly motivated, self starters should send resumes to [Robert.griffiths@innospecinc.com](mailto:Robert.griffiths@innospecinc.com)

**Spartan Brands Inc.**, a leading developer, manufacturer, and distributor of innovative, high-quality personal care products has an immediate opening for a Principal Formulation Chemist in our Manhattan, NY lab. If you are up for a challenge and have the R&D experience we are looking for, this could be a great opportunity for you!

### Responsibilities include:

- Hands on creation and development of a wide range of new and innovative personal care products including skin, hair, and body.
- Troubleshooting formulas as well as continuous improvement of existing formulas and process. Scale up, Stability and certain regulatory aspects.

### What you need to be successful:

- 5+ years of senior level experience developing products with formulation knowledge in various forms (e.g. emulsions, serums, gels, dispersion, and the like).
- BS/BA degree in chemistry or a related science.
- Be a self-starter with a high level of initiative.
- Strong ability to manage multiple projects in a fast paced environment
- Be able to proactively monitor, investigate, and resolve issues related to formula stability, micro, and safety.

In-depth experience managing product development from inception, through testing, scale up and transition to manufacturing.

Total Compensation: EXCELLENT base pay. Bonus. Full benefits.

If you thrive on innovation, Spartan is a great place to grow your career.

Please email your resume to Eli Motovich at [emotovich@spartanbrands.com](mailto:emotovich@spartanbrands.com)



## EMPLOYMENT OPPORTUNITIES

### Formulator - Chemist

#### Precise Packaging

Fall River, MA

Ideal candidate must have a Bachelors' of Science degree in Chemistry and 5-10 years' experience or Masters with 3-5 years experience formulating products preferably in the personal care industry. Job duties entail formulating new products, performing stability testing, color matching, specific gravity, viscosity, refractive index, water moisture/KF, pH, Lab equipment calibrating, Safety Data Sheets (SDS) and Certificate of Analysis (CoA) creation a must. Final product specification development. Candidate must be creative with a passion for developing cutting edge personal care products, be detail oriented, highly organized and flexible. Laboratory operations: development and test.

Product development and formulating of personal care/cosmetic products.

Developing new products

Participate in the development of the following materials to product specifications: sales samples, test specimens, and evaluation batches required in Research and Product Development

Preparing samples for customer evaluations

Managing onsite staff

Organizing project details

Interacting with clients and presenting data/results in a clear manner

Writing study reports and compliance protocols

Analyze production materials, incoming raw materials, and competitive materials

Make written and timely reports as to their characteristics and deviations from standard

Have the ability to work independently to manage and drive projects from initiation through completion

Ensure the final quality control and product approval for production of materials and samples whose origination comes under laboratory control

Communicate effectively and on a timely basis with the laboratory supervisory personnel on all developments or matters resulting from laboratory work activities through monthly reports and periodic project reviews.

Acquire all skills required to operate laboratory testing equipment, laboratory batch making equipment, and color computer analysis systems.

Maintain laboratory facilities in neat and orderly condition to permit maximum employee efficiency and productivity.

Assist in field problem resolution, including technical service as needed.

Support ISO based quality system.

Perform development and validation of analytical methods and chemical analysis/laboratory testing of active pharmaceutical ingredients (APIs), in-process materials, finished products and stability materials per established methods.

**Please email resume to: [info@precisepackaging.com](mailto:info@precisepackaging.com)**



## TECHNICAL MARKETING MANAGER, NYC

### Job description

Lucas Meyer Cosmetics opens a position at the fringe of technical expertise and creative marketing, to support sales representatives, based in NYC.

Contact [sylvain.maur@lucasmeyercosmetics.com](mailto:sylvain.maur@lucasmeyercosmetics.com)

### Responsibilities

You will create marketing concepts to differentiate our portfolio, present market trend reviews and build technical expertise, support and answer technical questions on our high-tech portfolio of ingredients, provide technical training to reps and customers.

### Requirements

- Scientific degree i.e. chemical engineering, cosmetic science
- 5 years' experience in a similar role
- Mobile 1/3 of work time
- Excellent communication skills
- Creative mind
- Experienced with IT tools to design presentations and concepts





## ABOUT OUR ORGANIZATION

Dedicated to the advancement of cosmetic science, the Society strives to increase and disseminate scientific information through meetings and publications. By promoting research in cosmetic science and industry, and by setting high ethical, professional and educational standards, we reach our goal of improving the qualifications of cosmetic scientists. Our mission is to further the interests and recognition of cosmetic scientists while maintaining the confidence of the public in the cosmetic and toiletries industry.

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<http://www.newenglandsc.org/>

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