

# 'Currents' from the Mid-Atlantic Society of Cosmetic Chemists



MID-ATLANTIC SOCIETY OF COSMETIC CHEMISTS

September 2010

## Mid-Atlantic SCC Board

Brienne Sprague  
Croda  
brienne.sprague@croda.com  
Chair

Maria Soldato  
Evonik Goldschmidt  
maria.soldato@evonik.com  
Chair-Elect

Joe Lynch  
PMC Group  
jlynch@pmc-group.com  
Treasurer

Shontell Wright  
US Food & Drug Administration  
Shontell.wright@fda.hhs.gov  
Secretary

Stanley Milstein, Ph.D.  
US Food & Drug Administration  
stanley.milstein@fda.hhs.gov  
Advertising Chair

Bob Nolan  
Pfizer Consumer Healthcare  
willard.nolan@pfizer.com  
Board Representative

Angela Eppler, Ph.D.  
Pfizer Consumer Healthcare  
angela.eppler@pfizer.com  
National Area IV Director

Sam Cooper  
samuel.cooper@att.net  
National Area IV Director



## Top Headlines

### Next Meeting

**Mid-Atlantic Society of Cosmetic Chemists Presents:**

## “Forensic Chemistry”

by

**Katie Horsman-Hall, Ph.D.**

Virginia Department of Forensic Science  
November 18, 2010



## Save the Date!

**November 18**

MASCC President's Night  
Maggiano's, Richmond VA

**December 9-10**

SCC National Seminar  
New York, NY



## Membership Retention Contest:

Have you submitted your 2011 National Membership Dues Yet?? If not, the time to pay them is **NOW!**

## Top 3 Chapters get a Cash Prize!!!

\*\*If you choose not to renew, please submit an email to National ([tcesario@scconline.org](mailto:tcesario@scconline.org)) asking to resign your membership, so that your response may be counted.

## National & Chapter Board Elections

You should all have received or shortly receive your ballots for both the National SCC Election and your local Mid-Atlantic SCC Election. We hope you will take a few moments to Vote for your Officers for the upcoming Year.

### Inside this issue:

FORENSIC CHEMISTRY	2
AT - HOME CHEMIST	3
NUTRICOSMETICS/ NUTRACEUTICALS	4
FALL ABSTRACT	5
2012 SPONSORSHIP	6-7
MASCC ADVERTISING	8

The Mid-Atlantic Society of Cosmetic Chemists  
Presents:

## “Forensic Chemistry”

**Dr. Katie Horsman-Hall**

Virginia Department of Forensic Science

**When:** **Thursday, November 18th, 2010**  
Meet & Mingle at 5:00pm  
Dinner & Presentation at 6pm

**Where:** **Maggiano's**  
11800 West Broad St  
#2204 (Inside Short Pump Mall)  
Richmond, VA 23233  
(804) 253-0900

### Speaker Bio

Dr. Katie Horsman-Hall is currently employed in the mitochondrial DNA unit at the Virginia Department of Forensic Science. She completed her MS degree in forensic science at the University of Illinois at Chicago as well as her Ph.D. in bioanalytical chemistry at the University of Virginia in James Landers's laboratory. Her work has included developing microanalytical methods (“Lab on a Chip”) for forensic analysis. She has been at VDFS since 2007.

### Abstract

The Virginia Department of Forensic Science (DFS) serves the Commonwealth of Virginia by primarily offering forensic analyses and examinations in the following areas: controlled substances, forensic toxicology, trace evidence, firearms and tool marks, latent prints/ impressions, digital and multimedia evidence, questioned documents, blood stain pattern analysis, and forensic biology.

This presentation will highlight the capabilities of the DFS laboratory system as a whole, then focus on the forensic biology. The audience will learn of the current methodology utilized in forensic DNA analysis at DFS, including the nuclear and mitochondrial DNA techniques. Virginia's role in the national DNA databank as well as missing persons investigations will be highlighted. Lastly, the future advances of forensic DNA analysis will be discussed. Many CSI myths will be dispelled and the audience introduced into the realities of forensic science in the Commonwealth.

High-Performance Polymers  
for Hair and Skin Care

**National** Starch & Chemical  
A member of the ICI Group

Phone: 888-331-6212  
Fax: 908-707-3664

E-mail: personalcare.usa@nstarch.com  
www.personalcarepolymers.com

10 FINDERNE AVENUE  
BRIDGEWATER, NJ 08807

MANY CSI MYTHS

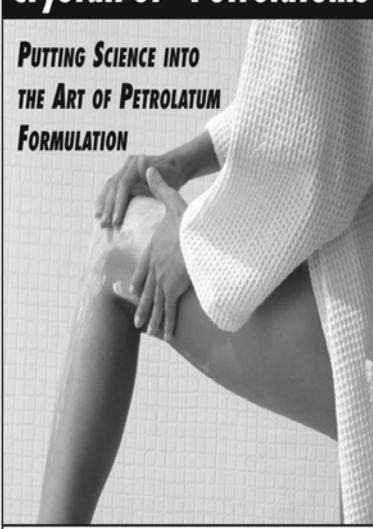
WILL BE  
DISPELLED...

LAB-ON-A-CHIP

..BLOOD STAIN  
PATTERN ANALYSIS

**CrystalPet™ Petrolatums**

PUTTING SCIENCE INTO  
THE ART OF PETROLATUM  
FORMULATION



**Crystal** PERFORMANCE CHEMICALS  
Personal Care Products

**PMC Group**

601 West 8th St. • Lansdale, PA 19446  
Fax: (215) 361-0756  
www.pmc-group.com

**800-525-3842**

# “Forensic Chemistry”



## Registration Information

Submit Registration to Maria Soldato:

([maria.soldato@evonik.com](mailto:maria.soldato@evonik.com)); (804) 452-5635

Cost: \$45 (SCC Member); \$50 (Non-Member)

Payment: Check made payable to MASCC or via PayPal

## Driving Directions

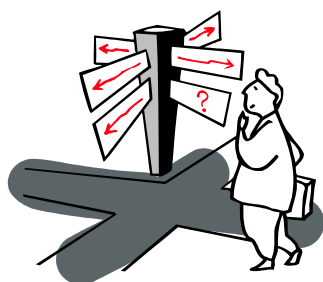
Maggiano's: 11800 W. Broad St, Richmond VA 23233

### From the North (or South)

1. Take I-95 (toward Richmond) to I-64W (towards Charlottesville)
2. Take Exit 178A onto US-250W/ W Broad St. toward Short Pump
3. Turn right at Lauderdale Dr. (Restaurant is within the mall)

### From the East (or West)

1. Take I-64 W (or East )
2. Take Exit 178A onto US-250W/ W Broad St. toward Short Pump
3. Turn right at Lauderdale Dr. (Restaurant is within the mall)



**DSM** 

U.V. Filters, Vitamins & Specialty Ingredients for  
**High Performance Cosmetics**

For marketing & technical information contact:

DSM Nutritional Products, Inc.  
45 Waterview Boulevard  
Parsippany, NJ 07054-1298  
Phone # 1-800-526-0189  
[www.nutraaccess.com](http://www.nutraaccess.com)

 *The Natural Solution*  
BOTANICAL EMOLLIENTS & SPECIALTY PARTICLES

[www.floratech.com](http://www.floratech.com)

Ingredient Information  
24/7 Online

**iLabel™**  
[www.floratech.com/info](http://www.floratech.com/info)

In the Mid-Atlantic Region:  
Essential Ingredients  
201.576.9382  
Michael Manning  
[mmanning@essentialingredients.com](mailto:mmanning@essentialingredients.com)

**ISO 9001**

**The Chemist's Connection**



- ◆ Exotic Naturals
- ◆ Skin Care Actives
- ◆ Marine Ingredients
- ◆ Sucrose Esters
- ◆ Low Surfactant Bases
- ◆ Custom Synthesis

**MMP, Inc.**  
3470 So. Clinton Ave. • So. Plainfield, NJ 07080  
T 908.561.4435 • F 908.561.4780 • [www.mmpinc.com](http://www.mmpinc.com)

# Nutricosmetics / Nutraceuticals

## The Next Step in Innovation?

By: **Maria Soldato**

Email: [maria.soldato@evonik.com](mailto:maria.soldato@evonik.com)



**Unique EXCIPIENTS**

Polymers • Emulsifiers • Foaming Agents

**Pure Molecule ACTIVES**

- Anti-Aging
- Lightening
- Slimming
- Purifying
- Soothing
- Novel Concepts

Discover more at: [www.seppic.com](http://www.seppic.com)  
[pcseppicnc@airliquide.com](mailto:pcseppicnc@airliquide.com)

Cosmetics and the field of cosmetic science has been a rapidly changing landscape, from one break through innovation to the next. Throughout history, cosmetics have been used to enhance one’s appearance from the outside, cosmetics that enhance one’s appearance from the inside or Nutricosmetics are simply the next stepping stone along the path of cosmetic science. In today’s hectic world consumers flock to the idea that skin imperfections such as wrinkles, cellulite or sun spots can be treated by a one-a-day nutritional supplement, whether it be in the form a pill or drink. After all, it is widely accepted that drinking eight glasses of water a day is instrumental in keeping your skin healthy and glowing, is it that hard to believe that a nutritional supplement could have the same effect?

Typically when someone thinks of cosmetics they think of something that is applied topically to one’s hair, face, or body. For years creams and lotions have been promising to turn back the hands of time. In recent years innovations in cosmetic science have lead to the concept of beauty from the inside out. The idea behind this novel approach is that now not only can consumers apply a cream to reduce wrinkles, decrease cellulite, or reverse sun damage but they now have the ability to multi-task by taking a pill, or other supplements to speed up this process. This area has become known as nutricosmetics or nutraceuticals (1), which promises to deliver valuable nutrients directly to the body where they will combat specific skin, hair, and nail issues. (6) Nutricosmetics include ingredients such as botanical actives, enzymes, proteins and vitamins that offer antioxidative benefits. (6)

Many companies from high end to mass market are introducing nutricosmetic lines. Just a few of these companies are; Nestle`, Borba, Nivea, and Murad.

Glowelle is Nestlé’s nutricosmetic line which promises beautiful skin from a one-a-day beauty drink dietary supplement. Their product line highlights ingredients such as; Beta-carotene, Coenzyme Q10, and Quercetin just to name a few. (4)

Borba’s slogan is “Where Inner Health Meets Outer Beauty™” and they have a wide array of nutraceuticals to accomplish this. Borba first launched Skin Balance Waters that are available in six formulas; Age Defying, Clarifying, Replenishing, Firming, Anti-Aging, and Skin Calming. (2) The Skin Balance Waters contain botanical grade topical products that are atomized into micro-sized spheres, which are able to be nutritionally absorbed into the bloodstream. (2) Taking this concept even further, favorite candy of many, gummy bears and jelly beans were packed with anti-oxidants and introduced to the consumer. The gummy bears and jelly beans are meant to act as boosters to the waters. (2)

# Nutricosmetics / Nutraceuticals: The Next Step in Innovation? Continued...

Nivea recently introduced a “Good Bye Cellulite” program that incorporates nutritional supplement capsules to fight the causes and visible signs of cellulite. (5) The capsules contain L-Carnitine to support the conversion of fat components into energy, Safflower Extract to limit fat storage, and Maté which aids in the drainage of water from the body. (5)

Murad has a Cellulite Solution program which includes Firm and Tone Dietary Supplements. (7) These supplements are guaranteed to “encourage the appearance of firmer skin up to 78% while helping to improve the visual texture of stretch marks by up to 47%”. (7)

The field of cosmetic science is ever-changing, novel ideas and innovative processes are being developed as we speak. Beauty from the inside out or Nutricosmetics is only the first step along this path. Nutrigenomics is an area that is emerging where treatments are based on one’s genetic make-up, and focus on the specific skin care needs of that person. (6) One day it might be possible to change your hair or eye color simply by taking a pill but until we reach that point consumers will have to stick with salons and color contacts.

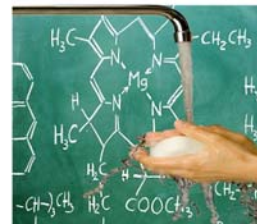
While I welcome these new changes and am anxious to see what the future of cosmetic science will hold, I hope that it does not wholly take the place a formulation chemist because that is one aspect of this field that I thoroughly enjoy. I myself believe you obtain the most knowledge through hands on experience, after all it is my belief that if your lab coat isn’t stained and dirty you’re simply not learning enough.

## References

1. Beyer, Alisa Marie. “Savvy Beauty Marketers Can Thrive in Challenging Times”. Global Cosmetic Industry May 2009: 26-29.
2. “Borba In, Gorgeous Out”. 28 May 2009 <<http://www.sephora.com/browse/tt/index.jhtml?categoryId=C12358&tt=school>>.
3. Gavenas, Mary Lisa. “Fast Talk: Beauty Ingestibles”. 26 May 2009 <<http://www.fastcompany.com/node/1093668/print>>.
4. “Glowelle, Secrets to Beautiful Skin; Discover which skin-beautifying ingredients you need for a healthful glow!”. 27 May 2009 <<http://www.glowelle.com>>.
5. “Good-Bye Cellulite Program”. 26 May 2009 <<http://www.nivea.com>>.
6. Henderson, Clare. “Nutricosmetics-Sweetening the Pill”. Soap, Perfumery & Cosmetics Sept. 2006. 26 May 2009 <<http://www.cosmeticbusiness.com/story.asp?storyCode=615>>.
7. “Murad Cellulite Treatment” 28 May 2009 <[http://www.murad.com/pu\\_firmToneSupp.html](http://www.murad.com/pu_firmToneSupp.html)>.

## HIGH STANDARDS.

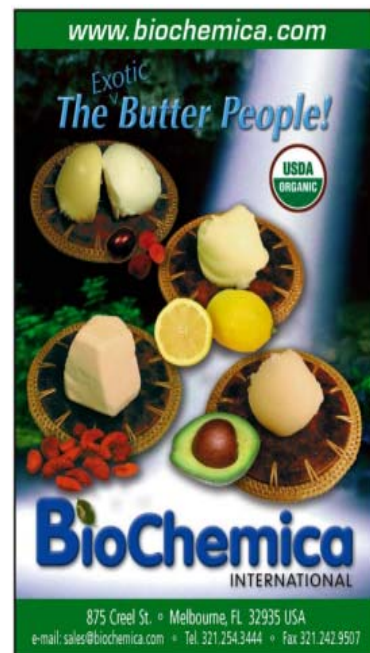
You have them for your formulations.  
We have them for our ingredients.



**DC** DeWolf Chemical  
We Built Our Reputation on Good Chemistry

[www.dewolfchem.com](http://www.dewolfchem.com)

400 Massasoit Ave. (P) 401.434.3515  
East Providence, RI (F) 401.434.5306

BioChemica International advertisement featuring organic products. The ad shows various fruits and vegetables in baskets, including lemons, avocados, and goji berries. The text includes "www.biochemica.com", "Exotic The Butter People!", "USDA ORGANIC", "BioChemica INTERNATIONAL", and contact information: "875 Creel St. • Melbourne, FL 32935 USA", "e-mail: sales@biochemica.com • Tel: 321.254.3444 • Fax: 321.242.9507".CRODA advertisement featuring sustainably harvested ingredients. The ad shows a large, textured rock or mineral. The text includes "From the heart of the Brazilian rainforest comes...", "CRODAMAZON", "Sustainably Harvested", "Impeccably Produced", "Unlimited Possibilities", "www.crodausa.com", "CRODA", and "Innovation you can build on".

The right chemistry makes the right end product.  
Your formulations will love our specialty chemicals.



**GLENN**  
CORPORATION

[www.glenncorp.com](http://www.glenncorp.com)

Please contact Cecilia McGough,  
your regional account manager  
[cmcgough@glenncorp.com](mailto:cmcgough@glenncorp.com)

**PREPERSE**  
INCORPORATED

*Raw Materials  
for Tomorrow,  
Today*

*Our strength is our  
talent to locate and supply  
innovative specialty raw materials  
from worldwide sources.*

635 Pierce Street • Somerset, NJ 08873  
Tel: 732.356.5200 • Fax 732.356.3533  
[www.prespers.com](http://www.prespers.com)

**Amino Acids:**  
Natural Solutions  
in the Science  
of Personal Care

*Discover our extensive line of  
amino acid-derived surfactants,  
humectants and functional powders  
for personal care products.*

**AJINOMOTO.**  
Ajinomoto U.S.A., Inc.  
Tel: 201-292-3180 • Fax: 201-346-5638  
[www.ajichem.com](http://www.ajichem.com)

---

## 2010 Calendar of Events

---

### November 18, MASCC President's Night

- Forensic Science
- Maggiano's (Richmond, VA)

### December 9-10, National SCC Meeting

- Hilton, New York, NY

## **\*\*Sponsorship Opportunity\*\***

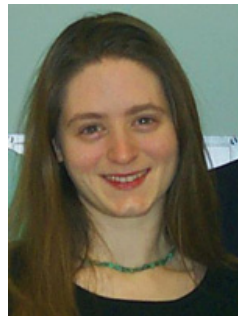
### **Charleston, SC**

**Area IV to Host the 2012 Annual SCC Meeting in  
Charleston, SC  
(see page 7)**

---

## Member Announcement

---



Pfizer Scientist and SCC National Area IV Director, Dr. Angela R. Eppler, joins Cosmetics & Toiletries' Advisory Board. Eppler will contribute delivery expertise with her background in skin absorption & metabolism, in vitro skin irritation methodology, and novel skin care formulation.

<http://www.cosmeticsandtoiletries.com/networking/news/people/102342874.html>



We're on the Web: [www.midatlanticscc.com](http://www.midatlanticscc.com)

# 2012 National SCC Meeting sponsored by Area IV !!!

**Area IV of The Society of Cosmetic Chemists Proudly Hosts**

**the 2012 SCC Scientific Seminar**

**May 31 - June 1, 2012**

**Charleston Marriott**

**CORPORATE PLEDGE FORM**

Our company wishes to sponsor the 2012 SCC Scientific Seminar as a

\_\_\_\_\_ **Platinum (\$2500)**                      \_\_\_\_\_ **Gold (\$1500)**  
\_\_\_\_\_ **Silver (\$1000)**                              \_\_\_\_\_ **Bronze (\$500)**

\_\_\_\_\_ Full payment enclosed

\_\_\_\_\_ Two Installments (one-half due now — balance due March 31, 2011)

Method of payment will be: \_\_\_\_\_ Check \_\_\_\_\_ Amex \_\_\_\_\_ Visa \_\_\_\_\_ MC

\_\_\_\_\_ (Credit Card #)

\_\_\_\_\_ (Expiration Date)

\_\_\_\_\_ (authorized signature)

\_\_\_\_\_ (Print name)

\_\_\_\_\_ (company contact)

\_\_\_\_\_ (phone number)

\_\_\_\_\_ (email)

\_\_\_\_\_ (company name as you wish it to appear in program book)

\_\_\_\_\_ (company address)

\_\_\_\_\_ (city/state/province)

\_\_\_\_\_ (zip)

**Please remit to:**

Society of Cosmetic Chemists,  
120 Wall Street Suite 2400, New York, NY 10005-4088

Or via fax: (212) 668-1504



INTERNATIONAL SOURCING INC.  
775 Bussardman Avenue  
Franklin Lakes, NJ 07647

(201) 660-0111 • Fax: (201) 580-1158

Customer service: (800) 778-7872

INTERNATIONAL EXOTIC INGREDIENTS  
FROM THE FIVE CONTINENTS  
AND THE SEVEN SEAS

\*Botanical Extracts

\*Moisturizers

\*Butters and Oils

\*Preservatives

\*Marine Products

\*Vegetable Oils

**SENSIENT**  
COSMETIC TECHNOLOGIES



**COSMETIC  
COLORANTS**

**SURFACE  
TREATMENTS**

**INGREDIENTS**

**DISPERSIONS**

800-543-4524  
cosmeticsales@sensient-tech.com

**Rona**

Special Effect Pigments  
for Color Cosmetics and  
Personal Care

Cosmetic Skin Care Ingredients  
DHA, UV-Filters, Insect Repellent,  
Specialty Ingredients

For literature and  
samples, contact:

EMD Chemicals Inc.  
7 Skyline Drive  
Hawthorne, NY 10532  
1-888-444-RONA  
rona@emdchemicals.com  
[www.rona.biz](http://www.rona.biz)





**Essential  
Ingredients**

*"The Complete Source  
for Specialty Ingredients"*

- Surfactants
- Silicones
- Preservatives
- Emulsifiers
- Aloe Vera
- Emollients
- Rheology Modifiers
- Cellulose Derivatives
- Flavors & Fragrances
- Conditioning Polymers
- Proteins & Amino Acids
- Botanicals & Extracts
- Vitamin, Essential Oil & Extract Blends
- Sunscreen Actives

770-831-9010

4544 Atwater Court  
Suite 110 Buford, GA 30518  
www.essentialingredients.com



**Look closer...**

Charkit has the  
Personal Care  
Specialty you're  
looking for.

Oat Extracts

Meadowfoam Seed Oil

Lanolin & Derivatives

Cranberry Seed Oil

Raspberry Seed Oil

Butters

For more  
information,  
please call  
Charkit:  
203-655-3400  
[www.charkit.com](http://www.charkit.com)  
[sales@charkit.com](mailto:sales@charkit.com)



**Charkit**  
Chemical Corporation  
The Specialty Chemical Specialists



**THE FINEST  
NATURAL WAXES  
IN THE WORLD**

- Beeswax • Carnauba
- Candellilla • Ceresine
- Ozokerite • Paraffin
- Microcrystalline • Botanicals

**STRAHL & PITTSCH INC.**

P.O. BOX 1098, 230 GREAT EAST NECK RD., WEST BABYLON, NY 11704  
(516) 587-9000 • FAX: (516) 587-9120  
MEMBER: CTFA • SCC • NCA • AMERWAX

## CALL FOR ADVERTISERS!

The MidAtlantic chapter would like to take this opportunity to thank all of our sponsors for their support. Our 2010 rates are as follows:

2" x 4" ad \$250

2" x 3" ad \$200

2" x 2" ad \$150

Contact our advertising chair Stan Milstein at [stanley.milstein@fda.hhs.gov](mailto:stanley.milstein@fda.hhs.gov) or (301) 436-1343 for more information or to purchase advertising.

### MASCC Chapter Advertising Registration Form

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Ad Size: \_\_\_\_\_

Amount Enclosed: \_\_\_\_\_

Mail to:

Mr. Joe Lynch

Treasurer - MASCC

Crystal Performance Chemicals

PMC Group Incorporated

1288 Route 73 South, Suite 401

Mt. Laurel, NJ 08054

Make checks payable to: MidAtlantic SCC Chapter