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January 2010

Dinner Hour

## Making Sense of Natural Standards and Green Ingredients and How You Can Make A Difference With More Sustainable Results

Sharon K. Christie  
Owner, Pharmacist  
AROMAFLORIA



In order to effect change, one does this through knowledge versus fear as with so much we see today. Become a stakeholder and take part in creating a community for formulators, suppliers and marketers alike that gives a voice to the formulator based on Global demand for Green Ingredients.

Just like other fields, Chemistry is one that has gone Green. This process involves considering not only the biodegradability and toxicity of a chemical product, but the entire life span of the product when using it in practice and its environmental footprint to produce. Green chemistry continues to grow in tandem with the green movement. Companies that recognize the importance of this emphasis on sustainability are emerging at the forefront of their respective fields.

The aim of GreenGredients.com is to provide a one stop resource to chemists, product developers, marketers and management to explore the variety of standards that have been put forth by both domestic and global organizations all in the attempt to create

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# Cosmegram

www.caliscc.org

Volume 40 | Issue 1

Educational Hour

## Bioflavonoids: Benefits for Skin and Formulating "Green"

Howard Epstein, M.S.

Director of Technology and Business Development, Cosmetic Actives and Bio Actives  
EMD Chemicals, Inc.



Nature's solutions have been used to combat health problems since ancient times. Over 3,000 years ago the use of medicinal plants to treat skin diseases was documented in the papyrus Ebers (1). The traditional description for use of medicinal plants is generally not linked to topical application. The interrelationship of seemingly different health problems is not always obvious. For example a plant used to treat diabetes may be useful to help prevent wrinkles or perhaps to reduce inflammation, acne and itching. The ability to identify new cosmetic uses for botanicals is enhanced when science is able to advance beyond anecdotal information to elucidation of the mechanism of activity. Once the mechanism of activity is elucidated there is an opportunity to decide the most appropriate form for delivery of the plant's "active(s)." Is a standardized or enriched extract, a purified compound directly isolated from plants, a modified isolated natural compound more desirable? In the example presented, the bioflavonoid Tiliroside found in a

...continued on page 5

Next Meeting:

**Tuesday - January 26, 2010**

Educational Hour - 5:30 p.m. Social Hour - 6:30 p.m.  
Dinner Hour - 7:15 p.m. Speaker - 8:00 p.m.

**Location - Renaissance LAX**  
**Reservations - 562.236.5700**

Pay online at [www.caliscc.org](http://www.caliscc.org)

**Deadline for Meeting Reservations:**

3:00 p.m. Friday - January 22

Menu Choice  
Chicken or Vegetarian

If you reserve and do not attend, you are responsible for meeting charges and will be billed accordingly.

**More Meeting Details on Page 2**

Inside this issue:

Calendar of Events..2 Job Opportunities..12 Message from the Chair..5 Lab Lorn..6 Historian's Corner..20

*Meeting Details*

*Location*

Renaissance LAX  
9620 Airport Blvd.  
Los Angeles, CA 90045  
310.337.2800

*Costs*

- \$40.00 Members with reservations and first-time only guests with a member-sponsored reservation. *Non-member pricing in effect after first meeting.*
- \$48.00 Members without reservations
- \$48.00 Non-members with reservations
- \$58.00 Non-members without reservations

*Menu*

Menu Choice  
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*Society of Cosmetic Chemists*

**2009 Calendar of Events**

<i>January</i> 26	California Chapter Monthly Meeting	<i>Renaissance LAX</i>
<i>February</i> 23	California Chapter Monthly Meeting	<i>Renaissance LAX</i>
<i>March</i> 23	California Chapter Monthly Meeting	<i>Renaissance LAX</i>
<i>April</i> 27	California Chapter Monthly Meeting	<i>Renaissance LAX</i>
<i>May</i> 15	California Chapter Dinner Dance	
24	California Chapter Golf Outing	
25	California Chapter Monthly Meeting	<i>Duke's Malibu</i>

*California Chapter Meeting in New York*



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The *Cosmegram* is the official newsletter of the Society of Cosmetic Chemists - California Chapter. This newsletter is published as a service to our members. <http://www.caliscc.org>.

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**Deadline** for the February Cosmegram is **January 27**

Please forward all content to  
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## Be the Next SCC Monthly Meeting Sponsor!

The SCC California Chapter is opening sponsorship opportunities to anyone interested in introducing their company during our monthly meetings.

The benefits of sponsorship are to provide you and your company with the following:

- **Approximately three to five minutes to introduce your company and employees, products, capabilities and/or services.**
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- **Your donation to sponsor a meeting is tax deductible with our non-profit status.**

**Cost:** The cost to sponsor a SCC chapter meeting is \$350.

Please contact Yi Hsin Chang or Guy Langer if you are interested or have any questions.

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## Dinner Hour

guidelines for more environmentally friendly Natural and Green Chemistry ingredients and to provide a guide for the selection criteria for green ingredients that conform to greener standards of 100% plant based feed stocks that are sustainable and renewable.

GreenGredients was founded in 2009 to accelerate technical and sales information exchange for Green Ingredients between raw material suppliers and formulators in the cosmetic industry.

During the development phase of a new product or simply the reformulating process, locating raw materials and technical product information that addresses the conflicting standards presented both domestically and globally, it occurred to Sharon Christie that there is a need for a resource that can interpret the standards across the landscape and provide a resource that not only summarizes the standards but links you to the given site as well as listing the ingredients that meet the Principles of "Green Chemistry." Sharon Christie developed the GreenGredients.com website to solve this information exchange issue. GreenGredients.com is the first knowledge based website to look at the issues from a product development perspective and applications side to provide practical logical guidelines that all can follow to start a continuing process for the selection of healthier eco-friendly ingredients. By offering this platform FREE to Vendors and the resource information FREE to formulators and marketers in one resource, they will be more informed from a global view and see that the hierarchy that GreenGredients philosophy suggests is one that down the road will save them from costly market barriers when ready to market into multiple distribution channels or Internationally. Ingredient reform will take place globally and now is the time for a call to action to change any ingredients that can go from Good to Better to Best in meeting these standards.

GreenGredients offers specialized information exchange services that connect technical experts at formulated-product manufacturers with technical documents, sales and support personnel at raw material suppliers – at exactly the right moment to save time and money for both parties. Use of the GreenGredients.com dramatically reduces a formulator's time to locate ingredients and simultaneously improves the speed and quality of a supplier's response to that customer's requests for information. GreenGredients.com also provides participating suppliers with timely insights into their prospects' product development processes, facilitating and potentially shortening the sales process.

Formulator membership in the GreenGredients.com is FREE to formulators with company

...continued from page 1

validation and registration. Supplier membership requires NO FEE subscription for a suite of services including product documentation listings, specialized document search and retrieval capabilities for prospects and customers, sample request processing and utilization of other direct communication services that connect them with potential buyers.

## Our Speaker

The President and principal stockholder of the companies is Sharon K. Christie. Christie has extensive experience in Aromatherapy and Natural Products and Nutritional related industries. Christie, whose background is extensive, is a pharmacist and chemist by profession. She graduated from Massachusetts College of Pharmacy with a minor in Pharmacognosy, where she had the opportunity to work on various grants researching folklore benefits of plant materials from the Amazon Rain Forest. Christie owned a product development firm that serviced the cosmetics, fragrance and health food industries. In addition she was in charge of a new business development for the Carnation Company's health and nutrition division, and served as a consultant to Arthur D. Little, Inc. for new business acquisitions in the fragrance industry. Ms. Christie was in charge of the fragrance division for Felton Industries and developed business for such industry leaders as Avon, Neutrogena, Helene Curtis, Clairol and Carter Wallace.

Aromafloria, the company, was founded on the philosophy that Nature makes sense- always has and always will and that aromatherapy has the power to transform your mood to help heal the mind and heal the body. Pure plant and flower extracts are at the core of every Aromafloria product. Aromafloria was the first personal care company to become 100% wind Powered and is a USDA certified Organic Manufacturer. Aromafloria offers a complete range of personal care products for Bath, Body and Skin Care. Aromafloria is sold throughout the US and select International Markets.

Ms. Christie is a registered pharmacist and a graduate of the Massachusetts College of Pharmacy and University of the Pacific at Stockton, California. She also attended the University of California at Davis Food Sciences and the New York University School of Business.

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## Happy New Year To Everyone

Happy New Year to everyone – may this be the year of recovery, discovery, and prosperity!

I would like to extend sincere thanks to Yi Hsin Chang, our outgoing chair 2009. Yi Hsin worked hard to improve the quality of our programs and outreach to new members, and will continue to serve on the board to help our chapter going forward.

Welcome to our new officers: Rebecca James Gadberry (Chair-Elect), Lee Paler (Secretary), and Liz Streland (Treasurer-Elect). We have also added a few new committee chairs to our board this year – be sure to check out the listing of our 2010 Board Members, and feel free to contact any of us with suggestions or to participate on the various committees. The society runs on volunteers so your input and help is always welcome. Our new board is ready to bring you some exciting speakers and events this year. We have a CEP course coming up in August, and a California Chapter Scientific Seminar in October so watch the Cosmogram and website for updates.

We are starting to plan for the 2011 SCC Annual Scientific Seminar, which will be held at the Bellagio Resort in Las Vegas, June 2011. Our chapter will co-host this meeting along with our sister Area III chapters, Southwest and Intermountain West. We are looking for corporate sponsors and suggested topics for this important meeting so please contact any of your chapter officers for suggestions and information. Look for sponsorship letters coming to you this month with more details.

I am honored and excited to serve as your chapter chair for 2010, and look forward to seeing everyone at our chapter meetings and special events.

Best Wishes,  
Joy E. Roederer, Ph.D. – Chair

...continued from page 1

### Educational Hour

variety of medicinal plants including tilia, malva appears to have the reported activity described below as a single compound. Tiliroside is found in the hairy protrusions and young leaves of plants growing in tropical regions of the world. Tiliroside protects plants from ultraviolet-induced and environmental stress.

This presentation will highlight the study that was conducted to demonstrate that the bioflavonoid responsible for protecting the plant from environmental stress can also provide benefits for people. In vitro and in vivo methods were used to generate the data. Two bioflavonoids were evaluated, Tiliroside and isoquercetin which was evaluated for antioxidant activity using a variety of methods.

### Our Speaker

Howard Epstein is currently director of Technology and Business Development at EMD Chemicals Inc.,

an affiliate of Merck KGaA, Darmstadt, Germany. He recently received his PhD. in Pharmacognasy studying the ability of selected botanicals to stimulate natural tanning and protecting melanocytes, the pigment producing cells in skin from UVB exposure. Howard has worked in the cosmetics industry for many years in product development for Estee Lauder, Maybelline, Max Factor and Kao Brands. He is an active member of the International Academy of Cosmetic Dermatology and The Society of Cosmetic Chemists. Howard is currently serving on the editorial board for the dermatological journals Clinics in Dermatology and SKINmed representing the perspective of the cosmetics industry. Next year he will assume the role of editor of the Journal of the Society of Cosmetic Chemists.

### Passages

Active Concepts is pleased to announce the following addition to our sales team. William Joos recently joined Active Concepts as West Coast Sales Representative. He is responsible for the West Coast Accounts as well as Utah & Arizona. We are excited to have William on our team. William Joos can be reached at wjoos@activeconceptsllc.com or by phone 805.368.2145

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John Garruto  
Free Radical Technology

"Advice to the Lab Lorn" is a column in the Cosmeagram intended to offer advice, or maybe just solace, for confusing, challenging or downright murderous issues facing SCC members in their labs. Send us your questions at lablorn@caliscc.org and we'll track down an authority or two and get back to you in the Cosmeagram. You can include your name if you wish, but we won't publish it for all to see! Your secrets are safe with us.



**Q:** What are the implications of the Green Chemistry movement on formulating strategies for the cosmetic chemist? How does one choose the most suitable ingredients with broad acceptance?

**A:** First, let's define Green Chemistry to set the mood. Green Chemistry is a philosophy encouraging the design of products and processes that reduce the use and generation of hazardous substances and which are sustainable and environmentally conscious. Green Chemistry is a preemptive strategy that reduces the use of toxic substances before they contaminate the environment and conceivably, our bodies. It is a marked departure from the past where society managed industrial and municipal wastes by disposal or incineration. The Green Chemistry movement seeks to dramatically reduce the toxicity of chemicals in the first place, rather than merely manage their toxic waste after use and disposal. This "Cradle to Cradle" philosophy is a major departure from the erstwhile "Cradle to Grave" attitude of the previous generation.

That being said, natural personal care, by its very essence, embodies the green mindset. "Natural," although undefined in a commercial sense, is derived from "nature" and implies purity and affinity for the environment. So where does one seek out acceptable naturally-based ingredient alternatives with which to formulate a "green" personal care product that is suitable to this paradigm? An excellent place to begin your quest for guidance is one of the leading industry standards that best suits your criterion:

Natural Products Association -  
[www.naturalproductsassoc.org](http://www.naturalproductsassoc.org)

Whole Foods -  
<http://www.wholefoodsmarket.com/products/premium-body-care.php>

Oasis -  
<http://www.oasisseal.org>

Cosmos -  
<http://www.cosmos-standard.org>

For the purpose of this article, let's look to the Natural Products Association standard for examples of suitable and objectionable raw materials that can prove very useful for formulating a naturally-based "green" product. Unacceptable ingredients/classes are as follows:

#### Unacceptable Ingredients

- **Silicone and Derivatives** – Dimethicone, Dimethiconol, Cyclopentasiloxane
- **Synthetic Preservatives** – Parabens, Isothiazolinone
- **Harsh Cleansing Agents** – Sodium Lauryl Sulfate
- **Petrolatum/Mineral Oil/Paraffin** – Non-renewable by-products of crude oil
- **"Chemical" Sunscreens** – Avobenzone / Oxybenzone
- **Glycols** – Ingredients that act as penetrants
- **Phthalates** –Fragrance additive – potential toxin
- **Ethoxylated Ingredients** – Sodium Laureth Sulfate, PEGs or PPGs (1,4 Dioxane)
- **Ethanolamines** – MEA / DEA / TEA
- **Synthetic Polymers** – PVP/Acrylates/Carbomer)
- **Formaldehyde Donors** – DMDM Hydantoin/Diazolidinyl Urea

A look at some acceptable alternatives could include the following:

#### Emollients

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- **Ethyl Palmate** – Light Ester
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- **Carrageenan** – (Chondrus Crispus) Lambda, Kappa
- **Rhizobian Gum** – Feel/Aesthetics Modifier
- **Mannan (Konjac)**

### Antimicrobials

- **Alcohol** – Natural fermentation process
- **Benzoic Acid / Salts** –Organic Acid
- **Sorbic Acid / Salts** –Organic Acid
- **Salicylic Acid** – Aromatic Acid
- **Lactoperoxidase/Glucose Oxidase** – Enzyme based release system
- **P-Anisic Acid** – Fragrance Ingredient
- **Glyceryl Caprate** – Emollient
- **Glyceryl Caprylate** – Emollient
- **Sodium Levulinate** – Fragrance Ingredient
- **Sodium Anisate** – Fragrance Ingredient
- **Lonicera Japonica** – Japanese Honeysuckle Extract
- **Essential Oils/Extracts** – Thyme, Oregano, Rosemary, Cinnamon

### Emulsifiers

- **Glyceryl Stearate** – Glyceryl Ester
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- **Glyceryl Stearate Citrate** – Glyceryl/Citric Acid Ester
- **Polyglyceryl – 3 Stearate** – Polyglyceryl Ester
- **Sodium Lauroyl Lactylate** – Lauric Acid Ester
- **Sorbitan Oliviate** – Sorbitol/Olive Oil Ester
- **Cetearyl Oliviate** – Cetearyl Alcohol/Olive Ester
- **Cetearyl Glucoside** – Cetearyl Alcohol/Glucose Ester
- **Sucrose Stearate** – Stearic Acid/Sucrose Ester

While the latest edition of the INCI dictionary lists approximately 17,000 ingredients, the Natural Product Association list encompasses just 839 ingredients on their positive list. This will certainly create challenges for the formulating chemist but with some time and experience, elegant and highly functional personal care products can be achieved.

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## Historian's Column

MC: Hmm, not ringing a bell.

JL: I must ask if it is true you took Lee Paler down to Mexico and made him eat what is commonly known as rocky mountain oysters here in the states?

MC: Oh you mean Quadrilles?? I believe he quite enjoyed it!

JL: So after Neutrogena you joined Momentive as a technical advisor and after that, McKenna Labs as Director of Innovations and now back at Neutrogena doing special projects.

MC: Yes, it has been a wild ride but I would not have changed anything. I married my childhood Columbian sweetheart, the Duchess Rosita and have a two year old boy named Felipe III.

JL: So what are your plans for the future?

MC: Well someday I must return to Cali. Columbia is a very stable country however I feel I have been called to lead my people someday.

JL: So you have a desire to get into politics?

MC: It is my Karma! My destiny! How does this sound, "EL Presidente".

JL: I guess it has a nice ring to it, although I think "President Mo" sounds better.

MC: You would!

The interview ended with servants bringing us afternoon tea. Mauricio was wearing the formal attire of a Duke along with riding boots and spurs. He quietly excused himself, mounted his horse, El Diablo, for his late afternoon stroll through the forest. As I saw him slowly ride away, I could not help but think about this man alone in his thoughts, someday leading his country.

## Announcements

### IFSCC Magazine Is Going Digital - Action Required

The IFSCC will discontinue automatic distribution of paper copies of their magazine at the end of this year. IFSCC Magazine is now digital, with a complete archive of issues starting in 2000. Scientific and editorial content will be accessible faster, and news and announcements will be more timely by going digital. This journal is included with membership in IFSCC and SCC, but you must go online to provide your email address and sign up to continue receiving the journal as a digital copy. Registration is free to SCC members.

You must take action on which format you want! Either subscribe to the digital issue online ([www.ifsc-magazine.com](http://www.ifsc-magazine.com)) or inform the publisher VCI ([senicky@sofw.com](mailto:senicky@sofw.com)) that you still want a paper copy, which you will then receive as usual. Don't miss out on IFSCC news in 2010!

### National SCC Contact Information Changes

As you know many SCC Members change jobs, relocate, etc. each year. Many do not know who to call or how to go about making an address change. The National Society of Cosmetic Chemists has 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 us here at National. For right now, Members can access the change form under the Contacts Tab on the website. The actual link address is as follows: [http://69.36.162.213/SCC\\_Address\\_Change\\_Request.htm](http://69.36.162.213/SCC_Address_Change_Request.htm)

### Contact Information Changes

If you are a member of our chapter and your information (ie. name, address, company, phone numbers, email address) has changed, please make sure you contact us with the new information so we can update our database. If changes are not sent to us, you may not be getting your newsletter, meeting notices, course registrations, etc. Please contact Tina-Marie Lesko at [tmlesko@presperse.com](mailto:tmlesko@presperse.com) with any changes.

# INTERVIEW WITH A DUKE

John Luna

Words cannot describe the anticipation I have felt since I was granted an interview with Mauricio Castro at his family compound in Cali, Columbia on this Christmas Eve. I boarded the SCC Piper on December 23rd and safely landed at the Cali International Airport state of the art dirt runway. I was quickly picked up in a chicken truck and taken 14 miles out of town through the thick rain forest jungles of Cali. The terrain was absolutely breathtaking as we descended further into the Valley of Cauca. Cali is a large city of 2 million people; and was founded in 1536 by Spanish Conquistador, Sebastian De Belalcazar. It is the third largest city in Columbia, but just outside the city limits is a beautiful habitat with many different species living within Cali's rain forest. As we approached the huge iron automated gates of the Castro compound I gazed upon spider monkeys swinging from the branches overhead. We entered the beautifully landscaped grounds of the Castro Palacio De Salamanca as it is called. We were greeted by Mauricio and his lovely wife, Rosita. I sat down with both of them:

JL: Hello Mauricio & Rosita. First let me just say thank you for inviting me to your beautiful family palace on this Christmas Eve. Although before we continue I must asked if your membership to the SCC is current?

MC: What a strange question you ask, but yes it is.

RC: Well gentleman, I must excuse myself at this time. We are expecting over 100 guests tonight for our big Christmas Eve party so I must see how the preparations are proceeding.

JL: Mauricio, you probably have the most famous nickname in the SCC. How did you get the nickname, El Duque, which for my readers is translated into English as El Duke.

MC: Well as you may know, my family is originally from Salamanca, Spain. My grandfather, Arnaldo de Bolivar de Vargas de Ignacio de Valle de la Purisima de Norte was a Grand Duke. I was his favorite grandson and he always referred to me as El Duque. I am also known in Cali as EL Fuego de Amor which means the fire of love.

JL: Really?

MC: Yes, really!

JL: Many SCC chemist seem intrigued by your Spanish accent. Have you heard this?

MC: Either that or it scares the heck out of them. I remember when a new chemist started at Hawaiian Tropic. I went to introduce myself and he gave me his wallet and started running.

JL: How much did you get?

MC: Five bucks!!!

JL: I have been told you are a prolific swimmer, that you almost made the Columbian Olympic Swim Team.

MC: Yes that is true, I am a prolific swimmer. My best stroke is the backstroke. I still compete from time to time.

JL: I hear your swimming compadres call you "Big Mo". What is the meaning behind that name?

MC: I prefer not to say.

JL: So you left your Palace in 1992 and headed for America?

MC: Well Senor, as you know I am fluent in four languages, Spanish, Italian, French, and Croatian. I could speak a little English but I know the only way to master it was to go to America. I also was very interested in chemistry so that was another reason.

JL: How did you get there?

MC: Under the cover of night, my friend let me borrow a row boat and along with 37 other Columbians we paddled our way to America.

JL: Wow is that really true.

MC: No. I got a visa and came on a 737.

JL: What was your first stop?

MC: Miami of course. I know I would like this place when I looked into a store window and saw this huge sign, "We Speak English Too"!!

JL: That is very funny. So you completed your college courses in Cali and came here seeking work?

MC: Yes, I quickly found a job at Hawaiian Tropic in Daytona Beach as a research chemist and started formulating sun care products. I learned quite a bit at this company but I needed more. I needed a change.

JL: What kind of change?

MC: A change of scenery, I also wanted more of a challenge in my career and I wanted to head out west, the last frontier. I wanted to see the wild west.

JL: It sounds like you saw a lot of westerns in Cali.

MC: I secured a job at Neutrogena in 1998 as a project leader and started working with such great people as Laura " La Contessa" Singleton, Carolita Collins, Lew Dog Bealer, Aldo " El Callado" Fernandez among others.

JL: Yes there were a lot of nicknames give out at that time. I even remember someone called the Walking Egg? Do you recall?

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POSITIONS AVAILABLE

- **Director of Global Product Compliance (#0910-07)** - Responsible to review all cosmetic and OTC drug formulas for compliance in applicable international markets. Responsible for registration and as needed, ensuring continued compliance at market. Work with R&D and Marketing to ensure that product testing meets international requirements. Liaise with R&D to support the development of International compliant products. Maintain record of formulas used internationally. Support efforts to maintain raw material information that meets international requirements. Work closely with international marketing to determine appropriate launch timelines, costing, labeling compliance, line extension development to achieve brand goals. Interested applicants, please send resume and contact information to jobs@guthy-renker.com.
- **Manufacturing Supervisor (#0911-03)** - GAR Labs in Riverside, California is aggressively seeking a Manufacturing Supervising Compounder for Hair, Skin and OTC products. Ideal candidate would have a minimum of 5 years experience in the personal care industry and be familiar with manufacturing and processing equipment and be proficient in the area of leading day-to-day manufacturing issues. Should be qualified to manage a staff of 4 compounders and have knowledge of project prioritization and documentation. Hopefully be naturally enthusiastic with good organizational skills a solid work ethic and have a natural attention for detail. We offer good health & dental benefits, paid vacations and a positive friendly work environment. For consideration submit your application and resume to: jobs@GARLabs.com.
- **Cosmetic Lab Technician (#0912-01)** - Naturich Labs, Inc., in Dallas, TX, is seeking a skilled Lab Technician who is experienced in a cosmetic lab and manufacturing setting. Duties include formulations of Skin Care and Hair care products and the coordination of projects within the lab. The job also involves working with manufacturing department on the pilot and production batch adjustments and writing SOPs or any other documents for related areas. Experience with stability testing and quality control is a plus. BS, preferably in Chemistry, as a minimum requirement, with at least 2 to 5 years of experience in the related field. Supervisory experience is a plus but not required. For consideration, please email resumes to hr@naturich.com.
- **Associate Clinical Scientist (#0912-03)** - Phoenix Arizona. BioScreen Clinical Services, a nationally known and recognized clinical research facility is seeking an associate clinical scientist for it's Phoenix operation. The associate scientist will have an MS or PHD with 3 or more years of clinical research experience. The position will assist the clinical manager with protocol design and implementation as well as interacting with clients and test subjects. Excellent written and communication skills and managerial experience are a necessary. For a more complete job description go to www.bioscreen.com. Please send your resume to jobs@bioscreen.com.
- **Staff Scientist (#1001-01)** - Nalco Company has an opening for a Staff Scientist in our Research and Development Group located in Chicago. The Staff Scientist will plan and execute research programs involving the development and formulation of novel polymers and other materials into personal care products, specifically hair care. Seeking M.S. in Chemistry, Surface Science, Physical Chemistry, PhD preferred, 3 yrs of industrial experience in the personal care area, specifically in hair care, knowledge of polymers/surfactant interactions. For additional information and to apply visit www.nalco.com, click on careers and apply to Staff Scientist Personal Care Hair Care or contact saweidnre@nalco.com.
- **Senior Scientist Personal Care Product Development (#1001-02)** - Shaklee Corporation is looking for a Personal Care Senior Scientist for our Hayward R&D facility to provide leadership in the research, development and commercialization of new Shaklee personal care products, maintain and improve existing products and processes and to achieve cost savings through alternate and substitute raw materials and processes. Position requires a B.S., M.S., or Ph.D. degree with 5-10 years experience in personal care product development. Experience in developing successful natural, organic and environmentally sustainable personal care products is highly desirable. Must maintain a broad network of industry connections, such as vendors, consultants, contract manufacturers and testing laboratories. Please apply to: <http://tbe.taleo.net/NA2/ats/careers/jobSearch.jsp?org=SHAKLEE&cws=1>.
- **Senior Scientist Household Product Development (#1001-03)** - Shaklee Corporation is looking for a Senior Scientist-Household Product Development for our Hayward R&D facility to provide technical leadership in idea generation, development, testing and commercialization of new, environmentally green, non-toxic, sustainable household products, as well as for maintaining and improving existing products (Get Clean). Position requires a B.S., M.S., or Ph.D. degree with 5-10 years experience. Must have demonstrated experience & knowledge of natural products, sustainable product development & green chemistry as evidenced by successful product launches in this category. Must maintain a broad network of industry connections, such as vendors, consultants, contract manufacturers and testing laboratories. Please apply to: <http://tbe.taleo.net/NA2/ats/careers/jobSearch.jsp?org=SHAKLEE&cws=1>.
- **Cosmetic Chemist (#1001-04)** - Established personal care product manufacturer in the San Fernando Valley is seeking a creative candidate with at least 5 years of personal care product development experience. Ideal candidate should be able to formulate, reverse engineer and compound existing personal care products. Should have strong formulating skills, project management skills, and knowledge of proper stability testing methods. Requires BS in Chemistry or comparable degree/experience. A strong work ethic and full accountability for product development projects is a must for this position. Please forward resume and salary requirements to: ira@docjohnson.com.

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**PRESS RELEASE**

**MAISON G DE NAVARRE YOUNG SCIENTIST PRIZE 2010**

The IFSCC is pleased to announce the opening of the competition for the Maison G de Navarre Young Scientist Prize. This prize is granted each year to enable a young cosmetic scientist to attend either a Congress or Conference of the IFSCC.

The 2010 winner will be invited to attend the **2010 IFSCC Congress** to be held in **Buenos Aires, Argentina** in September 2010 with the cost of travel, accommodation and registration fees up to, but not exceeding, 6000 Swiss Francs, being paid by the IFSCC. Any member of a member society of the IFSCC, normally under 35 years of age, may apply.

Applicants should submit an essay of no less than 500 words on one of the following topics:

1. When does a cosmetic become a cosmeceutical, and when does a cosmeceutical become a therapeutic? Discuss the differentiation of these categories, and their bases.
2. Does the word "Nano" buzz for you, and if so how? With reference only to scientific evidence.
3. Cosmetic Science does not rate highly as a "science". Discuss why you think this is, and how its image might be improved.
4. Elaborate at least three ways in which the cosmetic scientist might interact more effectively with "marketing".
5. If everyone went "natural", would anyone use cosmetics? Discuss this.

The applicant enters the competition by sending **electronically** a copy of the essay to the IFSCC Secretariat - ifscs.scs@btconnect.com - with the information requested on the Entry Form, (copies of which are available from the local Societies) by 1 June 2010. The essay must be submitted in English accompanied by the details requested on the official **Entry Form** which is available from your local Society. A copy of the essay must also be sent to the office of the Member Society to which the applicant belongs.

Applicants must be members of good standing in their Society, which in turn must be current in its Federation subscription. Applicants must submit proof that they are actively employed in a technical capacity in the Cosmetic Industry or related Academia and that they meet the relevant requirements.

The Award winner must attend the Congress/Conference and accept the Prize in person. All eligible candidates are urged to apply.

REF: DENAVPR10

Issued: December 2009

**MAISON G DE NAVARRE YOUNG SCIENTIST PRIZE  
ENTRY FORM**

THE FOLLOWING DETAILS MUST BE SENT ELECTRONICALLY WITH YOUR ESSAY

The essay and the details below should be sent, NO LATER THAN 1 JUNE 2010, by email, to the IFSCC Secretariat in the UK at ifscs.scs@btconnect.com **ONE COPY** must also be sent to your local Society.

TITLE OF ESSAY \_\_\_\_\_

APPLICANT DETAILS: LAST NAME \_\_\_\_\_  
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I confirm that the above information is correct:

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Please send a copy of your essay and the completed Entry Form BY EMAIL to Secretary General, IFSCC at email: ifscs.scs@btconnect.com **BY NO LATER THAN 1 JUNE 2010.**

*Job Opportunities*

**POSITIONS AVAILABLE**

- **Technical Director/Cosmetic Chemist (#1001-05)** - Contract Packaging/Private Labeling Company in Los Angeles, California area looking for a Technical Director with minimum of 8 years experience in skin/hair care, nutritional drinks and OTC/Pharmaceuticals products. Job Duties: manage/coordinate QA staff, cGMP compliance, and conduct routine batch review and release batch for production. Development, management and improvement of quality systems/procedures to ensure compliance with all applicable laws, regulations, also prepare, review and approve SOPs relevant to GMP. Must have knowledge of FDA regulation, stability, troubleshooting, compounding and process validations. Ability to develop new formulation and knowledge of new product development would be a plus. Candidate must have a B.S. in chemistry and also must be qualified to work in USA. Please fax resume with salary history to 562-942-9985 OR email to sshah@cobechem.com.
- **Contract Manufacturer (#1001-06)** - SenBeauty Ltd is a cosmetic company that has more than 20 years experience of wholesale and retail in B.C CA. We are now looking to open a manufacture facility. Please e-mail resume with all experience and equipment knowledge from progression to production. We prefer to work in Vancouver B.C Canada and we will cover the expenses. Please feel free to contact us by koseca@hotmail.com, or call 604-2781221, call Jacky Tam 12 pm western time

This monthly listing is a free service to all members of the SCC. To place a technical job listing in the CosmeGram, a maximum of 100 words, please e-mail your job listing to **John Garruto, Employment Chair** at jgarruto@radicaltechnology.com or Danielle Barker at dbarker@radicaltechnology.com. Please limit to technical positions only. When the position is filled, please notify Danielle Barker to have the listing deleted. If we do not hear from you, it will be removed after two months. To place an ad in the next issue, information must be received by the 20th of each month. **Please note:** We do not knowingly publish listings that have been placed with a search firm and are not responsible for duplicate listings. We also do not release the names of job seekers unless directed to do so by the job seeker.

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James A. Hayward, Educational Hour Speaker, with Guy Langer



Carl Muska, Ph.D., Dinner Hour Speaker, with Joy Roederer, Ph.D.



Gary Agisim, SCC President 2009, with David Howell and Lee Paler