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February 2010

Volume 40 | Issue 2

Dinner Hour

Living in a Bio-Material World: What the Cosmetic Chemist Needs to Know About Bio-Plastics As Viable Packaging Options for Cosmetics

Wylie H. Royce
Senior Vice President
Royce Associates



Bio-resins are quickly making their way into mainstream plastic applications, packaging in particular. They have been embraced, misunderstood, and disclaimed by many. The reality is that they are here to stay, will be improved over time, and will become a part of the plastic processing landscape for years to come.

This presentation will discuss applications that lend themselves to the use of bio-resins and those that don't due to package design, resin limitations, product appearance targets, chemical resistance etc. If you choose to market a product as compostable or biodegradable, the regulations that must be met will be outlined and discussed as they relate to both un-modified and modified bio-resins.

Also covered will be the latest in commercially available colorants and functional modifiers for bio-resins and the related regulatory considerations.

...continued on page 3

Educational Hour

Bem-vindos ao Brasil: A Brief Overview of Brazilian Biodiversity and It's Contribution to Skin and Hair Beauty

Jean-François Molina
Sales & Marketing Director
Solabia Group



Nature always played a major role into the Brazilian development, since the first day of its discovery with the wood of Brazil or Pau Brasil (*Caesalpinia braziliensis*) which gave it its name.

With a land mass of 8.5 million km² and 180 million inhabitants, borders with 10 South American countries, 5 phyto-geographical regions, as Amazonia, Mata Atlantica, Cerrado, Pantanal and Caatinga, more than 5 million km² of vegetation, Brazil is the world's largest botanical garden with about 56 thousand plant species!

The beauty of Nature is quite comparable to the beauty of the Brazilian People! The search for a perfect body and beautiful hair is a daily concern for a people living according to the rythme of Well-Being, Being-Well, in other words, Bem Estar, Estar Bem.

...continued on page 5

Next Meeting:

Tuesday - February 23, 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

Deadline for Meeting Reservations:

3:00 p.m. Friday - February 19

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 Message from the Chair...5 Lab Lorn...6 Job Opportunities...12 Historian's Corner...22

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

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For further information, please visit www.rossorg.com.

Society of Cosmetic Chemists

2010 Calendar of Events

Month	Date	Event	Location
February	23	California Chapter Monthly Meeting	Renaissance LAX
March	23	California Chapter Monthly Meeting	Renaissance LAX
April	27	California Chapter Monthly Meeting	Renaissance LAX
May	15	California Chapter Dinner Dance	
	24	California Chapter Golf Outing	
	25	California Chapter Monthly Meeting	Duke's Malibu
June	18	California Chapter Summer Event	
August	19	CEP Course: Advanced Sunscreens	Hilton LAX
September	28	California Chapter Monthly Meeting	Renaissance LAX
October	7	California Chapter Scientific Seminar	Marina Del Rey Marriott
	26	California Chapter Monthly Meeting	Renaissance LAX

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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 **February 24**

Please forward all content to
Karen Garruto (karen.garruto@crodausa.com)



Society of Cosmetic Chemists - California Chapter - December Meeting

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Educational Hour Speaker, Howard Epstein, M.S. with Guy Langer



Dinner Hour Speaker, Sharon Christie with Rebecca James Gadberry



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Message from the Outgoing Chair

Thank You to the Membership

The year is off to a great start and the Board has been very busy planning exciting events and unique educational presentations. As I take pride in the way the calendar is coming together, I find myself with another unique opportunity which, unfortunately, is outside of the California area. I am therefore stepping down as the California SCC Chapter Chair, taking with me a sense of loss but also great joy from the professional and social wealth of this great chapter.

I have been honored to serve and participate in the chapter, and have formed deep and lasting relationships that I know will continue.

*Best Wishes for a Great 2010,
- Joy E. Roederer, Ph.D. – Chair*



Message from the Appointed Chair

Thank You for the Opportunity

I would like to recognize Joy Roederer for the great and positive impact on our California SCC Chapter by delivering and planning strategies for continuous education advancement, leadership and recognition of the California Chapter in a short period of time.

closely with the Board Members in order to deliver such plans and strategies. Also, we wish you the best success in your new career opportunities.

- Mauricio Castro - Chair



Thank you. Joy and I will continue working

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Educational Hour

...continued from page 1

Closer than ever to their own biodiversity, Brazilians are constantly referring to their phyto-traditional knowledge and even more renewing it by rediscovering old beauty recipes.

As much as fruits, flowers, roots, seeds, leaves and shells are plant parts, they are just involved into skin and hair care. Among others, let's discover in particular the fruity and lovely maracuja (Passiflora edulis), the scented root of Priprioca, the delicious and nutritive vegetal honey (Polymnia sonchifolia), the majestic Parana Pine (Araucaria

angustifolia) and the mysterious Brazilian ginseng (Pfaffia glomerata).

About Our Speaker

Jean-Francois, a biotechnological engineer, joined the Solabia Group in 1992 as Export Manager before taking charge of the Marketing Department. He is currently Sales and Marketing Director working in particular on sustainable development programs in close collaboration with both French and Brazilian Solabia Group R&D centers.

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.ifscm-magazine.com) or inform the publisher VCI (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!



John Garruto
Free Radical Technology

"Advice to the Lab Lorn" is a column in the Cosmegram 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 Cosmegram. You can include your name if you wish, but we won't publish it for all to see! Your secrets are safe with us.

Note: My special thanks to Eric Abrutyn of TPC2 Advisors Ltd., Inc. for his contribution for this month's query. Eric's contact information appears at the end of the column.

Q: I have not previously formulated a cationic moisturizer. Can you describe the benefits and drawbacks of such systems and what are the preferred emulsifiers for these type products?

A: A. Prior to cationic and polymeric associative thickener emulsifiers, skin care formulations were primarily based on soap emulsions (e.g., triethanolamine-stearic acid). From there evolved nonionic emulsifiers from ICI®/Atlas®. Cationic and polymeric associative thickener systems were next—around since the 1980's. The Mennen Company with Baby Magic® and SC Johnson with Curél® were the first to develop and launch a cationic emulsion moisturizer. This was quickly followed by Eversoft® from The Andrew Jergens Company. Only Curél® exists today, and has been followed by other brands with similar characteristics.

Let's start off with the basics. To make a cationic moisturizer, one needs to choose the right cationic molecule. To-date, the preferred molecules are Distearyltrimonium Chloride, Behentrimonium Chloride, and alkylamidopropyltrimonium chloride (e.g., Palmitoylamidopropyltrimonium Chloride). See chart below

INCI Name	Type	Properties
Distearyltrimonium Chloride	Dialkyl	Good antistatic Non-whitening Effective emulsifier Matte finish Powdery
Behentrimonium Chloride	Monoalkyl	Effective conditioning agent Matte finish Nice after-feel
alkylamidopropyltrimonium chloride	Amidoquat	Thickening effect Matte finish Soluble in shampoo Powdery Excellent softener

Note: There are a novel class of naturally-based cationic emulsifiers based on Brassica Alcohol and Brassicyl Isoleucinate Esylate which may be a new approach for creating naturally-based cationic skin and hair care products.

There are two key components to cationic emulsifiers that differentiate them from other emulsion systems. First, cationic are more substantive to skin and hair, thus providing enhanced-prolonged moisturization/hair conditioning. Second, they provide a unique soft cushiony feel [more powdery, smoother, increased lubricity, anti-static] and help to reduce the tackiness from humectants like Glycerin. Varying which cationic is used and how much, addition of additional fatty alcohol and which type, along with the type of emollient skin conditioning agent will have a distinct aesthetics and performance outcome that can be perceived by the consumer.

JL: Tina, what a fabulous story! This is a new start for you! How did you get the nickname Wilson?

TF: Well as you know, it was a troubling time. You have no idea what it is like to hear the laughter, the camaraderie across the street at Free Radical all those years. I felt so alone, so isolated, so I painted a face on a honeydew melon and started talking to it.

JL: Is this the melon?

TF: Yes, I could not bring myself to throw it away.

JL: Kind of looks like Lee Paler.

TF: Yes it does bear a striking resemblance.

The last chemist to be interviewed was Bethany McCarver. Bethany walked and hitchhiked all the way from her home town in Oklahoma to experience the California dream.

JL: So you hitchhiked all the way from Oklahoma.

BM: Yup

JL: Would you do it again.

BM: Nope.

JL: Is it true you were raised by Indians on a reservation just outside Oklahoma City?

DBarker: Excuse me, but I believe the correct term is Native Americans.

JL: Yes of course, my apologies Miss Barker.

DBarker: That is Ms. Barker.

JL: My apologies again. So where were we? How was it being raised on a Native American Reservation?

BM: Wonderful! I learned so much such as catching fish with a spear, extracting salicylic acid from willow bark, and when I put my ear to the ground, I can hear a car coming from 25 miles away.

JL: Really?

BM: No.

JL: You seem to smile a lot. You have been smiling since I got here.

BM: Yes I smile all the time. Aside for formulating for Mr. Garruto, smiling is my favorite thing to do!

As the day winded down, I can't help but share some of my observations such as Bethany dancing while she puts together a formula or how Tina fondly still takes care of her Melon with the painted face and carries it around as she formulates. Rodrigo, the proud American, as he quietly worked throughout the day and then mounted his Indian motorcycle.

DBarker: Native American Motorcycle!!!!!!

JL: Uh no Danielle, it is actually called an Indian!

Anyway, as he mounted his Indian Motorcycle and left work. John dealt with his clients throughout the day and patiently signed autographs for his adoring fans who lined up out the door at lunch time. He seemed tireless and with the help of 17 diet Dr. Peppers, he was nonstop! Danielle truly is his girl...uh.....person Friday. She makes sure all the needed paperwork is sent out to the customers on time, she is incredibly organized and did I mention politically correct?? It is one thing to have a talented group of people working in one place, but what struck me this day is how well and efficient they all worked together. They quietly went about their business making formulation after formulation. Thank you Radical Group, it was fun to see a professional group at work.

Announcements

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 with any changes.

A Day With the Radical Group

John Luna

Last week I was finally granted access to spend the day at Free Radical Technology Labs. Located in a sleepy little beach village just north of San Diego, Free Radical Technology is a consulting lab run by John Garruto. John, known by many as the Celebrity Consultant to the Stars, employs 4 very interesting yet unusual people, and they graciously allowed me to observe them one day last week as they went about their business. The Radical Group, as they call themselves, arrived together at the offices around 8:30 a.m. I was greeted by the office manager, Danielle Barker. Danielle is a tall fiery redhead who prides herself on being politically correct at all times, as you might ascertain by this exchange:

JL: So you do just about everything here, one could say you are John's right hand girl.

DB: Excuse me??? I cannot believe you just said that. Well I have a good mind to walk out of this interview right now!!

JL: Ok, let me rephrase that. You are John's right hand person.

DB: Much better, ok I will stay.

The Free Radical offices are cavernous with bench space for at least ten chemists, a lunch room, and a bathroom that is fully operational. John walked in and greeted me around 8:40 a.m.

JL: John thank you very much for granting me this unprecedented access to your group.

JG: Yes, I don't usually allow anyone to get this close, but for you I made a rare exception.

JL: I hear your monthly articles, Letters from the Lab Lorn, are now in syndication across the country, and is that true?

JG: Why yes it is. I have been getting so many questions from chemist around the country, it had to happen. In fact just yesterday one letter poured in!!

JL: One whole letter...wow!

JG: Now if you will excuse me, I have to answer some fan mail before I go to work.

John started Free Radical Technology in 1993 and he has been quite successful but has not allowed it to go to his head. In fact his people, as he calls them, still fondly refer to him as Mr.

Garruto. As I ventured back in the lab, I could see the three bench chemist immersed in their formulations. I chatted with the chemist who had been there the longest, Rodrigo Gonzales:

JL: Rodrigo, how long have you been at Free Radical?

RG: About ten years now.

JL: You changed your name a few years ago, is that correct.

RG: Yes, but many people who have come to this country have changed their name to sound more American. Don't get me wrong, I love my heritage but this country has given me so much. I became an American Citizen and when I did I changed my first name from Jose to Rodrigo.

JL: Wait a minute; you changed your name from Jose to Rodrigo to sound more American????

RG: Yes that is correct.

JL: Ok, I can see that.

Next up was Tina Fleck who everyone here refers to as Wilson. Tina's story is one of great triumph. Several years ago she worked just across the street in an eight by ten one room lab for Schroeder & Trimayne. Then one day after seeing the hit movie, Castaway with Tom Hanks, she began to associate herself with his character in the movie. Even though she had the keys to unlock the door and leave at anytime, she felt she was trapped in this one room lab.

For six months she locked the door and never left the lab, nor did she answer her phone or emails. Mail and packages had to be left at the door which she would retrieve at a later time. Danielle Barker, her politically correct friend, was very concerned and would slide Hot Pockets and Raisinets under the door. But Tina would only dine on crab and coconuts much like the Tom Hanks character in the movie. Finally John broke the door down and found Tina slumped in a corner. Danielle implored John to give this gifted but troubled chemist a job at Free Radical which he did and the rest is history:



Making cationic emulsion moisturizers is not difficult, but does require following some key steps to improve the final outcome and produce a consumer acceptable product:

1. It is best to add the cationic emulsifier to the initial aqueous phase and heating to improve dissolution. Prior to adding the cationic emulsifier, it is best to add preservative to the aqueous phase—heating may be required to dissolve.
2. No need to adjust pH, since the cationic emulsifier will produce a pH around 4.5-5.5. This is good since the skin mantle is around 5-6.
3. Some people like to add a little salt (e.g., sodium chloride) to improve viscosity, but I have found this not necessary. Modification of the fatty alcohol system will produce a better viscosity control and allow for manipulation of the aesthetics and skin play during rubbing and afterwards
4. It is important to understand the quaternium active concentration in the cationic emulsifier. Most have no more than 80-85% active and come with other fatty alcohols or IPA, and can have a strong amine odor or apparent yellow color.

Generic Formula

Deionized water	q.s. to 100%
Glycerin	10-20%
Cationic emulsifier	2.0-5.0%
Petrolatum	1-4%%
Fatty Alcohol (C16-C22)	2-5%
Emollient (e.g., Dimethicone, Isopropyl Palmitate)	2-5%
Preservative	q.s.

If you have not tried a cationic emulsion system, it would worth trying and comparing to your existing formula. If you have additional questions on developing formulas with a cationic emulsifier, please contact Eric Abrutyn at TPC2Advisors@yahoo.com or TPC2Advisors@gmail.com.

Dinner Hour

...continued from page 1

Wylie H. Royce is Sr. Vice President of Royce Associates, which was founded in 1929 as a Chemical Manufacturer. He became a Senior Managing Director in 1981.

Wylie is Chairman of the Society of Plastics Industries "Color and Additive Products Subcommittee" of the Food Drug and Cosmetic Packaging Materials Committee, and SPI's Communication and Marketing Advisory Committee. He has been named a permanent member of International Who's Who' in Business Professionals, Who's Who among rising Young Americans and Interesting Personalities of America and is a member of the Health Beauty America Technical Advisory Board. Wylie regularly speaks on regulatory subjects relating to plastics in food, drug and cosmetic packaging, sustainability as well as the international business climate and its effect on products produced in and imported into the US. He also authored "Navigating the Turbulent Waters

of Global Colorant Regulations". Wylie holds a US Patent in a proprietary method utilizing electron beam modification of resin to create marbled colorant effects for injection-molded products.

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POSITIONS AVAILABLE

- **Formulation Chemist (#1002-05)** - GS Cosmeceutical, Northern CA www.gscos.com - A contract manufacturing company that develops, manufactures and packages personal care, skin/hair care products. The Formulation Chemist is responsible for new product development, Stability Testing, prep samples for submission, monitor pilot production batches, troubleshoot production batches. Job Requirements: Bachelors Degree in Chemistry with 4-8 years of personal, skincare, hair care formulations. Clear strategic thinker with the ability to determine the critical requirements to ensure product formulation success. Possess an understanding & application of Technical principles, concepts, industry practices & standards. Computer skills. Excellent communication skills. Ability to prioritize assignments in an ever changing fast-paced-team environment, a self starter, excellent organizational skills. For consideration, e-mail your resume with salary requirement to cynthia@gscos.com.
- **Sales/Assistant to CEO (#1002-06)** - GS Cosmeceutical, Northern CA www.gscos.com - a contract manufacturing company that develops, manufactures and packages personal care, skin/hair care products. The Sales/Assistant to CEO will be responsible for all duties required to keep a fast-paced CEO organized, on schedule and ahead of the game in a fast-paced, demanding environment. The successful candidate will be an essential component in supporting the CEO by performing high-level administrative functions relating to various technical aspects of the business. Responsibilities include, but are not limited to, managing correspondence with customers; coordinating & organizing the CEO's schedules, activities and travel plans; processing and submitting reports & quotes; arranging (& participate in) conference calls/meetings for CEO and following up with customers on action items; administrative support for sales department; project coordination; taking dictation/notes/minutes, composing and preparing confidential correspondence, reports, and other complex documents. For consideration, e-mail your resume with salary requirement to cynthia@gscos.com.

POSITIONS WANTED

- **Position Wanted (#1002-02)** - Recently relocated from New Jersey. Looking for employment with a company that can benefit from my 35 years of Personal Care experience. Last five years with Croda as Manager of Regulatory. Over 18 years with Croda, managing the Applications Laboratory, Sample Department and served as site SHE representative. Interacted closely with Sales, Marketing and R&D. Excellent time management and organizational skills. NYSCC Board member and general member for over thirty years. Previous employment with fragrance manufacturers, personal care product manufacturers and suppliers. Can be contacted at 818-626-8772 (phone) or 732-556-7685 (cell).
- **Position Wanted - Cosmetic Chemist (#1002-03)** - Seven years of experience as a Cosmetic Chemist and Bachelor's Degree in Chemistry, Searching for a Chemist Position in Los Angeles, Ca. Analyzed Raw Materials using Automatic Titrator (Titrino) and FTIR. Tested In-Process Batches and Finished Products using Titrino, Viscometers, Pycnometers and PH meters. Calibrated PH meters and Titrino. Adjusted the colors of Lotions, Gels, Conditioners and Shampoos Visually and Colorimetrically using a Computerized Color Program. Adjusted "Out of Spec" batches. Prepared batches in the Lab. Participated in modifying the formulation of "Out of Spec" batches. Communicated with Compounders and Production Staff for resolving the Technical Problems of the In-Process and Finished Batches. Please contact by E-MAIL: OMELNOOR1@YAHOO.COM.

This monthly listing is a free service to all members of the SCC. To place a technical job listing in the Cosmeagram, a maximum of 100 words, please e-mail your job listing to **John Garruto, Employment Chair** at ygarruto@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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- **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.
- **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.
- **Cosmetic Chemist needed (#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 12pm Western time.
- **Senior Chemist/Personal Care (#1002-01)** - Neways, Inc., located in Salem Utah. Will perform a variety of duties to bring new technology and innovation to the formulation of new products and in the maintenance of current products. Reviews current products/formulas/processes for regulatory compliance, GMP compliance and technical updates. Ability to formulate products, develop methods and procedures, lead projects, and effectively solve problems. Personal care industry contacts. Experience with color cosmetics and household products. Technical writing skills. BA degree in Chemistry, Biology plus 10 years experience in personal care product development. Please send resume and contact information to employment@neways.com.

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California Chapter Award Announcement

Chapter Merit Award – Angie Inouye

The California Chapter and the National Society of Cosmetic Chemists would like to congratulate Angie Inouye, the recipient of the 2009 Chapter Merit Award. The Chapter Merit Award, while given by the Chapter, is a nationally-recognized award. Each year, it is given to a member of the Chapter who has demonstrated outstanding service.



Angie Inouye has been a member of the California Chapter since 1991. For years, Angie has been the Co-Chair of Suppliers Day. Her efforts have helped to make the Suppliers Day show a thriving event with national attendance and recognition. In 2010, Angie has assumed the position of Chair for the Suppliers Day event.

In addition to her responsibilities as Co-Chair Suppliers Day, Angie was the Public Relations Chair in 2008-2009. In a relatively short period of time, Angie dramatically increased the chapters' visibility and image through online communications.

Angie's boundless energy and positive approach has made her a valuable asset to the Chapter. We are grateful for her service and dedication to the chapter. Congratulations Angie!

Chapter Best Speaker Award – Dr. Robert Fletcher

The California Chapter and the National Society of Cosmetic Chemists would like to congratulate Dr. Robert Fletcher, Product Development, Sun Care, The Dow Chemical Company, the recipient of the 2009 Chapter Best Speaker Award. The Best Speaker Award, while given by the Chapter, is a nationally-recognized award.

Dr. Fletcher's presentation, titled "Achieving High UVA Protection Using FDA Approved Sunscreen Filters" was given at the February 2009 Dinner Meeting. He reviewed the regulatory changes proposed by the FDA, and what these changes actually mean for the formulator on the bench. Dr. Fletcher also analyzed the UVA performance of several different filter combinations which could achieve high levels of UVA protection and discussed the pros and cons of each possible combination. Finally, he reviewed the perceived safety of nanotechnology in sunscreens, specifically relating to Zinc Oxide.

The presentation received an extremely positive response. Dr. Fletcher, an engaging and dynamic speaker, presented a meaningful and interesting topic to the chapter. Congratulations to Dr. Robert Fletcher for the 2009 Best Speaker Award.



- Stephanie Ross Leshney
CA Chapter Awards Chairperson

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