

SCC

SOCIETY OF COSMETIC CHEMISTS

THE SOUTHEAST CHAPTER



Volume XXXIII, Number 3

June 2015

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Southeast Chapter Suppliers Social Event Wednesday, June 17, 2015

The Pink Palace Museum
(use entrance at original front of Mansion)
3050 Central Avenue
Memphis, TN 38111



5:30 pm to 6:30 pm - Cocktails and Registration

6:30 pm to 8:00 pm - Dinner in Ballroom

8:00 pm Door Prizes

\$45 SCC Chapter member

\$55 non-SCC member

RSVP by noon, June 15th to Paul Allen

(901) 320-2252 or e-mail: paul.allen1@bayer.com



Inside this Issue...

Page 2... Message from the Southeast Chair

Page 5 ... Article "Sun Damage in the Dark"

Page 9.... 2015 Sunscreen Symposium

History of The Pink Palace Museum

Headquarters for the Pink Palace Family of Museums, the Pink Palace was originally designed to be the dream home of wealthy entrepreneur Clarence Saunders. The Museum derives its name from the Mansion's ornate pink Georgian marble facade.



Saunders, an entrepreneur and founder of Piggly Wiggly, began building the house in the early 1920's, but due to a legal dispute with the New York Exchange, he had to declare bankruptcy and the unfinished building was eventually given to the city in the late 1920s for use as a museum.

History and Description of the Pink Palace Family of Museum Facilities

Pink Palace Museum

The "new" addition and main Museum building is called the Pink Palace Museum. It houses the Bodine Exhibit Hall, exhibiting a variety of special temporary exhibits each year, and permanent exhibits, which include natural science on the first floor and cultural history on the second floor. Notable among the Museum collections are the Mechanized Clyde Parke Circus, created during the Great Depression by Memphian Clyde Park; and, the first self-service grocery called "Piggly Wiggly," developed by Pink Palace Mansion builder/owner Clarence Saunders, next to the Clyde Parke Circus. First floor natural science exhibits include geology, fossil and animal exhibits.

Pink Palace Mansion

After being closed to the public for 22 years, the Pink Palace Mansion was reopened to the public in 1996. Clarence Saunders, builder of the Mansion, lost his beloved home due to stock reversals in a fight for control of his Piggly Wiggly grocery store stock. Nicknamed "Pink Palace" by Memphians because of the pink marble used in its construction, the Mansion was never occupied by Saunders, but has become a much beloved landmark and enjoyable place to visit for Memphians and tourists alike.

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Message from the Southeast Chair

The Southeast Chapter of the Society of Cosmetic Chemists proudly announces the 2015 Suppliers' Social Event to be held Wednesday June 17th at The Pink Palace Museum in Memphis TN. The event will consist of a social hour followed by dinner, and a drawing of door prizes.

Suppliers are invited to help sponsor this event with cash donations and/or door prizes. As in years past, we have special categories of sponsorship: silver (\$100), gold (\$250) and platinum (\$500).

Sonneborn has graciously accepted to be the Cocktail Sponsor, and McCullough & Associates has agreed to sponsor the wine and dessert during dinner. These special category sponsors will be listed by level on a poster at the event, and recognized from the podium.

If you would like to make a monetary contribution, please make checks payable to: Society of Cosmetic Chemists - Southeast Chapter and mail your contribution to:

Society of Cosmetic Chemists – Southeast Chapter
Attn: Lisa Sloan
P.O.Box 22037
Memphis, TN 38122

As a supplier of the cosmetic industry, this is a wonderful opportunity for you to meet with representatives from product development, purchasing, and management divisions from many of the personal care companies in our area.

If you have any questions about the event or need additional information, please contact:

Jayesh Patel at 901-320-2246 or jayesh.patel1@bayer.com.

For specific venue questions, please contact Lisa Sloan at 901-320-2784 or lisa_sloan@wmbarr.com.

We look forward to seeing you on June 17th in Memphis!

Sincerely,

Jayesh Patel
2015 SCC Southeast Chapter Chair



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Sun Damage in the Dark – Yes, in the Dark

by Perry Romanowski on 05/12/2015

Here is some surprising research that suggests a new angle to explore in the formulating of skin care and sunscreens.



Contributing authors – Meaghan Lee-Erlandsen and Dr. Nora Khaldi of Nuritas
Guest post

We at [Nuritas](#) have always thought that sun damage occurred during sun exposure and ended immediately after returning indoors. To our surprise, recent research published in Science and conducted by Prof. Douglas E. Brash, Clinical Professor of Therapeutic Radiology and Dermatology at Yale School of Medicine, and co-authors, shows that most sun damage occurs hours after exposure, even in the dark!

As many of us know, too much sun exposes the body to high amounts of ultraviolet radiation (UV) which damages the DNA in melanocytes, the cells that make melanin (melanin is what gives your skin its color). What we didn't know is that most of this damage happens hours after sun exposure.

This DNA damage is a major cause of skin cancer and in sunny places such as Australia it accounts for 80% of all newly diagnosed cancers¹. Indeed, two in every three Australians will be diagnosed with skin cancer by the age of 72. This of course is not limited to warm countries as one may unfortunately underestimate the effects of UV on the skin in areas where clouds are a common feature (UV light can go through clouds) or in colder regions with sunny skies. Indeed, one in [every three cancers diagnosed globally is a skin cancer](#). We wanted to understand a little more of Prof. Brash's recent finding and thus asked him to provide us with a layman's summary of this work as well as tell us if he forecasts any possible solutions.

(continued on page 5.)

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Sun Damage in the Dark – Yes, in the Dark continued from page 4.

Prof. Brash explains “My co-authors and I found that the ultraviolet radiation interacts with melanin to cause cyclobutane dimers for hours after the UV exposure ends. A cyclobutane dimer occurs when two adjacent ‘letters’ in DNA attach to each other and bend the DNA, preventing the information inside the DNA from being read correctly which is the start of DNA damage. We found that nearly half of the DNA damage associated with the cyclobutane dimers occurs after sun exposure.”

More precisely he explains that what was ultimately happening during this process was that the UV rays activated two enzymes that combined to excite an electron in the melanin, the energy generated from this excitation (known as chemiexcitation) was then transferred to the DNA, thus creating the same DNA damage that sunlight had caused hours before. This type of excitation of electrons has only been previously seen in smaller marine animals and bacteria.

So is this a dead end, or could there possibly be some solutions? Prof. Brash thinks that this is not all bad news. The slow pace of these events provides an opportunity for products and creams that may be able to intervene in this process and eventually block this chemical reaction from happening.

At Nuritas, we find this groundbreaking research incredibly important as further information and understanding of one of the most common cancers in the world is vital to finding healthy and innovative treatments for all stages of its development. Perhaps in the near future our sun creams will contain an added ingredient that will inhibit the long-lasting effects of UV, perhaps these ingredients could be peptides!

Here’s to keeping your skin safe and enjoying a happy and healthy sun-filled summer!

References:

Premi S, et al. Chemiexcitation of melanin derivatives induces DNA photoproducts long after UV exposure. Science 20 February 2015: Vol. 347 no. 6224 pp. 842-847 DOI: 10.1126/science.1256022

1 <http://www.cancer.org.au/about-cancer/types-of-cancer/skin-cancer.html>

2 <http://www.cancer.org.au/about-cancer/types-of-cancer/skin-cancer.html>

3 <http://www.who.int/uv/faq/skincancer/en/index1.html>



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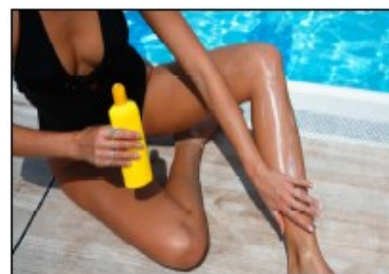
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DEDICATED TO THE ADVANCEMENT OF COSMETIC SCIENCE

The Society of Cosmetic Chemists' Continuing Education Advisory Committee is delighted to announce that registration is now officially open for the below courses. The SCC is dedicated to providing interactive courses that serve the needs of professionals in our industry. CEP instructors are highly qualified industry experts. You will come away from these small, interactive courses having gained the knowledge needed to advance your professional development. To register or to learn more please visit www.sconline.org. If you have questions please call 212-668-1500 or email dscelso@sconline.org.

Register Now – Class Size is Limited! All courses will be at the SCC National Office in NY City unless otherwise detailed below).

Preservatives

July 8, 2015

NEW! Claims for Skin Care Products – From Biomarkers to Human Studies

October 6, 2015

Surfactants

July 15, 2015

Introduction to Polymer Chemistry

October 27 – 28, 2015

NEW! Cosmetic Raw Materials For Skin Care Products

August 24 – 25, 2015

Scale Up and Processing Cosmetic Formulations

November 6, 2015

Practical Basic & Theory in Emulsion Technology

August 17, 2015

Beginning Cosmetic Chemistry

(in conjunction with SCC Annual Meeting)

December 9, 2015

Regulatory Update

September 9-10, 2015

Hilton Hotel & Towers, New York City

NEW! "Hands On Lab Experience" – Liquid Foundation Emulsion

Technology

September 30 – October 1, 2015

Toledo, Ohio

Gums, Thickeners and Rheology Modifiers

(in conjunction with SCC Annual Meeting)

December 9, 2015

Hilton Hotel & Towers, New York City



JOURNAL OF COSMETIC SCIENCE
The Official Journal of the Society of Cosmetic Chemists

CALL FOR MANUSCRIPTS

The Society of Cosmetic Chemists is soliciting scientific manuscripts concerned with cosmetics or the sciences underlying cosmetics, as well as papers of interest to the cosmetic industry for publication in the *Journal of Cosmetic Science, The Official Journal of the Society of Cosmetic Chemists*.

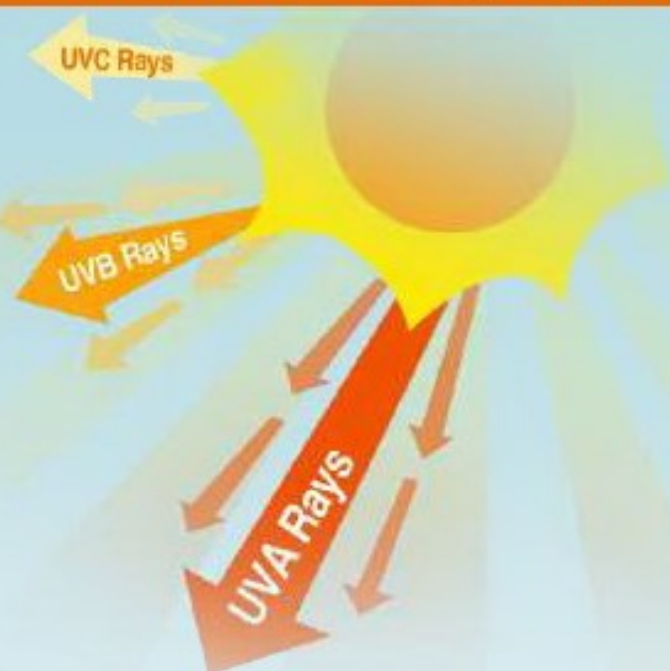
The *JOURNAL* will consider manuscripts for publication in the following categories, providing they are prepared in proper scientific style and adequately referenced:

- ◆ Original Articles
- ◆ Review Articles
- ◆ Technical Notes
- ◆ General Articles
- ◆ Preliminary Communications
- ◆ Letters to the Editor

SUBMISSION OF MANUSCRIPTS

Manuscripts submitted for publication should be accompanied by a covering letter and sent via email to the following address dscelso@sconline.org. Additional information is available from the SCC National Office.

Florida Chapter Society of Cosmetic Chemist 2015 Sunscreen Symposium



CALL FOR PAPERS

The Next Horizon of Sun Care Innovation & Global Regulatory Requirements

September 16th – 18th 2015
Disney Yacht Club, Orlando Florida

Authors are invited to submit titles and abstracts of no more than 150 words for papers to be presented in podium format. Submission deadline January 31, 2015. All topics related to Cosmetic Science will be considered for presentation.

All abstracts including photo and bio must be submitted to FLSCCSUN@gmail.com

- Jan. 31, 2015 - Deadline for Abstract Submission – Include Photo and Bio
- March 1, 2015 - Presenters/Author Notified
- May 1, 2015 - Presentation Agenda Finalized
- June 1, 2015 - Preprints, Author Bios & Abstract (min 200 word, max 2 pages including figures)
- August 1, 2015 - Final Presentation Received by FL SCC Chapter
- Sept 16 -18th-2015 - Sunscreen Symposium Podium Presentation

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