Meeting Details

Most recent industry positions available. See website for more.

Regulatory update

By: Tom Vichroski
Chapter Meeting Guest Speaker

Steven Marino  Guest Speaker

"The Science of Bowling."

**LOCATION**
Bowlmor  
895 Walt Whitman Rd.  
Melville NY  
11747  
(647) 271-1180

**TIMES**
5:30 PM

**TICKETS**
- Members Tickets: $50.00
- Non-Members Tickets: $55.00

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Call or email:
Jennifer Recine  
631-531-1448  
JRecine@estee.com

**CLICK BELOW TO REGISTER**
http://liscc.org/januarymeeting.html

**BIO**

Steven was employed at Bowlmor in 2010 as a waiter. Three years later he was offered a management position. Two years later Steven was promoted to General Manager. He enjoys bowling for recreation.

**ABSTRACT**

Steven will teach us the steps of bowling from starting position, angle of the ball to the ground and how it works. He will also talk about the science of the ball getting down the lane and hitting what’s called the pocket of the pins.

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Researchers in the US and Denmark have criticized the Organization for Economic Co-operation and Development’s Sponsorship Testing Program for Nanomaterials. According to several researchers, the program's conclusion, “that the test guidelines used for regular chemical substances are in the most part suitable for use on nanomaterials” is not supported by the evidence in the dossiers.

Both ICMAD and PCPC are backing the FDA’s decision to publish adverse event report data for cosmetics. PCPC says publishing the reports is a necessary and important aspect of cosmetic safety. ICMAD says it supports transparency and information sharing when it comes to adverse events, and that access to information helps “level the playing field for all involved." Reports are submitted to the FDA’s Centre for Food Safety and Applied Nutrition' adverse event reporting system. According to PCPC, the decision gives the FDA the information to “appropriately regulate our products”. The Environmental Working Group’s Tina Sigurdson also welcomed the FDA’s decision saying, “increased action by the FDA is crucial for keeping risky products off the market, but the agency lacks the statutory authority it needs to protect the public. Congressional action could empower it to take essential regulatory steps like requiring premarket safety substantiation of products and issuing mandatory recalls when the need arises.”

On December 21, FDA issued a draft guidance recommending a limit of no more than 10 parts per million (ppm) of lead as an impurity in cosmetic lip products (such as lipsticks, lip glosses, and lip liners) and externally applied cosmetics (such as eye shadows, blushes, compact powders, shampoos, and body lotions). Using its own test method, FDA has analyzed 685 products and found that more than 99 percent of products tested contained levels of lead that are at or below FDA’s recommended maximum level for lead as an impurity. The FDA has concluded that use of cosmetics that meet the maximum recommended lead level would not pose a health risk and is not advising consumers to change their current use of cosmetics based on lead levels. The agency also encourages manufacturers of lipsticks and other cosmetic products to follow or continue to follow manufacturing practices that allow them to achieve levels of lead lower than 10 ppm whenever feasible. The recommended level is also consistent with the 10 ppm maximum lead level for similar products recommended by countries represented in the International Cooperation on Cosmetics Regulations, which includes European Union member countries, Canada, and Japan, in addition to the U.S. See http://www.fda.gov/Cosmetics/GuidanceRegulation/GuidanceDocuments/ucm452623.htm?source=govdelivery&utm_source=govdelivery for the full text of the proposed guidance.

FDA has issued new guidelines outlining the data required to demonstrate that sun care ingredients are generally recognized as safe and effective. While these new guidelines focus on ingredient safety data, requirements for final formulation testing will continue. However, “FDA’s current thinking is that final formulation safety testing of nonprescription sunscreens would not generally call for an in vivo study”, but rather that manufacturers would be required “to perform in vitro permeation testing before marketing each new formulation.”. FDA further states that "this guidance does not establish any rights for any person and is not binding on FDA or the public. You can use an alternative approach if it satisfies the requirements of the applicable statutes and regulations.”

According to a recent lawsuit, the Environmental Working Group and Women’s Voices for the Earth are suing the FDA, claiming that FDA has not “protected the public from dangers associated with popular hair straightening treatments.” The groups claim that the FDA has not sufficiently reacted to the concerns regarding the health risks presented by salon keratin hair products containing formaldehyde. The EWG believes that when the treatment is applied to hair and is then heated by styling tools operated at high temperatures, the chemicals are released from the liquids into the air, causing the salon workers and their clients harm. The FDA has created an informational webpage regarding the products and their side effects and issued warning letters to two manufacturers of the products. The US and EU say they have made more progress on harmonizing good manufacturing practice (GMP) inspections and could reach a deal by the end of January. The FDA has observed at least eight audits since 2014 and audits of 12 additional EU countries are planned for 2017. A major sticking point is the question of trade secret information (inspections typically involve specifications of manufacturing equipment and processes for manufacturing drugs that are proprietary information). Other issues discussed include the scope and definitions, exchange of confidential information between regulators, cooperation on standards, regulatory cooperation as well as US proposals not covered in the EU text."
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LISCC News and Upcoming Events

http://liscc.org/events.html

Feb. 10-12, 2017:
Annual Ski Trip

March, 2017:
Chapter Meeting

May 5th, 2017:
30th Anniversary

LISCC NEWS

Spirit of Sam Award

The Long Island Chapter of the Society of Cosmetic Chemists announces the “Spirit of Sam” Award in memory of Dr. Samuel Zuckerman. Sam passed away in November, 1995, leaving behind a tremendous legacy in the field of color, organic chemistry, and education. It is in his memory that we dedicate this award.

Please visit our website for criteria for selection, nomination details, and previous recipients of this award.

Any warm surface is potential electric energy source
Scientists at the Ulsan National Institute of Science and Technology claim to have created a thermoelectric coating that can be directly painted onto almost any surface. Their goal: to create thermal generators that capture and convert waste heat into electricity from objects of almost any shape, including round and irregular surfaces. This inorganic thermoelectric paint was created using bismuth telluride and antimony telluride particles, creating two types of semiconducting material. The researchers tested the mixture by applying alternate p-type (positive) and n-type (negative) layers of the paint on a metal dome, which generated an average power output of 4 mW per square centimeter. As a result, the prototype can be applied to almost any surface with just a paintbrush, placing itself as a new type of new and renewable energy-generating system in the near future. "High-performance shape-engineerable thermoelectric painting", Sung Hoon Park, Seungki Jo, Beomjin Kwon, Fredrick Kim, et al., Nature Communications 7, Article number: 13403 (2016).

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Scorpions, snakes and spiders: Oh my!

A report published online in *Bioorganic & Medicinal Chemistry*, describes the work of researchers in France who studied the venom of scorpions, snakes, spiders and amphibians to identify new molecules with an inhibitory activity on melanogenesis. The venoms were screened for their capacity to inhibit mushroom tyrosinase using (L-DOPA) as substrate. *Argiope lobata* spider venom proved to be the most active. An HPLC fraction containing Argiotoxine-636 (ArgTX-636), a polyamine known for numerous biological activities, also was found to regulate melanogenesis. The researchers concluded ArgTX-636 could have particular interest for cosmetic and/or pharmaceutical use in order to reduce important dermatoses in black and mixed skins. ArgTX-636, a polyamine isolated from spider venom: A novel class of melanogenesis inhibitors M Verdoni, H Roudaut, H De Pomyers, D Gigmes, D Bertin, J Luis, A Bengeloune, K Mabrouk. *Bioorganic & Medicinal Chemistry*, Volume 24, Issue 22, 15 November 2016, Pages 5685-5692.

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15. ___ & Vidal
16. Famous American industrial designer Raymond
17. Train served in a boat?
18. German a or an
19. Kind of oxygen between n & p?
20. A caribbean carnival for mothers?
21. Fly a pilot?
23. Placekicker Butler and golfer Kendall
25. Long white linen tunic
26. Kind of pigment
30. “Anti-art” of the early 1900’s
31. Positions locations?
33. Provincial bird of Ontario and state bird of Minnesota
34. Follower
36. Active tissue during blinking
38. Only amino acid with a secondary amine
40. Small canine reversal?
44. Adheres by seizing?
49. “Milk’s Favorite”?
50. Idris____ and Napoleon’s exile isle
52. Atmospheric ice crystal effect
53. Albumn that includes the most-covered song ever written
54. Understand
55. Respond to a rejoinder?
56. ___ Rock or John
59. Band necessity
60. Literally “Put up”, or, “Shut up!”
63. Nut type
64. Attaches worms?
67. Nitrogenous organic compound
68. Entourage’s ___Gold
69. Mr. Baggins
70. Clan emblem or what you do with bales?
71. Naval amphib. ship
72. A charmingly simple episode

Down
1. Tuberculosis vaccine, for short
2. Conflict card game?
3. Very strong polyamides
4. Contract manufacturer of cosmetics in Lincoln Park, NJ
5. Unfathomable 1989 movie?
6. Theaters, classically
7. Another name for the topic of this puzzle
8. Doddering
9. High price for the building site?
10. Contract manufacturer of cosmetics in Westfield, VT
11. Logic and metric predecessor
12. Have the stuff you possess?
13. “Man on the Street” performer
22. Keeps away, e.g., from meetings
23. Frequent “no” list in personal ads
24. Trombonist ___Winding
27. Verizon online se rvices subsidiary
28. Shy Japanese carp?
29. Cut off point
31. Most energetic
32. Southern Peruvian port
35. Wall Street debut
37. Forceful affirmation
38. Buriti oil source
40. Simpsons exclamation
41. Galena, hematite or malachite
42. Mostly liquid cross-linked system
43. Contract manufacturer of cosmetics in Wayne, NJ,
45. Contract manufacturer of cosmetics in Saddle Brook, NJ
46. Felicitously
47. Common building extension
48. Legume native to East Asia
51. Perniciously murder ous?
55. Torah teacher
57. Line____veto
58. P.T.Barnum called it “The Egress”
60. Mooch or Garfield
61. Basic Latin verb
62. Louse egg
65. File extension for a data arrange-ment of rows and columns
66. Type of colloidal suspension

By Tom Vichroski, <CRDRConsulting@verizon.net>