



SoFlacs



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South Florida Section ACS

January 2014

Section Meeting - Seminar

5:00 pm, Friday, January 17

Holmes Hall Room 208

Florida Gulf Coast University

Department of Chemistry and Physics
10501 FGCU Boulevard South, Ft. Myers

Green Chemistry: Chemistry for a Sustainable Planet

Dr. Michael C. Cann

Chemistry Department, University of Scranton

As concerns over such issues as food, water, energy, climate change and waste production escalate, sustainability is rapidly moving from the wings to center stage on the world agenda. Chemistry, along with other technologies, must play a central role in moving humanity onto a sustainable path. Green Chemistry is the paradigm that will aid in sustainable development. Green chemistry not only focuses on pollution prevention, but also the efficient use of resources, use of renewable resources, and energy conservation. This presentation will highlight the ethos of green chemistry, the twelve principles of green chemistry, specific examples of green chemistry from the winners of the Presidential Green Chemistry Challenge Awards, and some of our efforts to infuse green chemistry into the curriculum.

Michael Cann earned his BA in chemistry in 1969 from Marist College, and his MA (1972) and PhD (1973) in organic chemistry from Stony Brook University. He was a postdoctoral fellow at the University of Utah and the University of Colorado-Denver. He joined the University of Scranton in 1975, where he is a Distinguished Professor of Chemistry and Co-Director of Environmental Science. Mike is the co-author of several books that deal with green chemistry and sustainability, an editor of *Green Processing and Synthesis*, and series editor for the book series *Sustainability: Contributions through Science and Technology*. He is the recipient of a Pennsylvania Governor's Award for Environmental Excellence and an ACS-CEI Award for Incorporation of Sustainability into Chemistry Education. He is a member of the ACS Committee on Environmental Improvement. In 2000, Mike led a team of 6 faculty in the infusion of green chemistry across the curriculum at Scranton, and in 2005 he initiated and continues to co-direct a faculty workshop to infuse sustainability across the curriculum.

Congratulations To:

Newly elected SoFL-ACS Officers

Dr. Leonard Keller – reelected treasurer

Dr. Milagros (Milly) Delgado and Dr. George Fisher both reelected as national Councilors

Dr. Dimitri Tamalis and Dr. Lisa Milenkovic elected as national Alternate Councilors

Dr. Jesse Bernstein assumes the chair position and Dr. Milagros (Milly) Delgado remains as secretary

ACS Student Chapters at Barry University, Florida Atlantic University, Florida International University Biscayne Bay, FIU University Park, and Nova Southeastern University each for being selected as award winning chapters for the many various chemistry related activities and community service programs that they performed in the 2012-2013 academic year. These chapters will be recognized and honored on March 17, at the ACS national meeting in Dallas.

SoFlacs, the publication of the South Florida Section, American Chemical Society, is published periodically. EDITOR and BUSINESS MANAGER: George Fisher, Department of Chemistry, Barry University, 11300 N.E. 2nd Ave., Miami Shores, FL 33161, (305) 899-3430, FAX (305) 899-3479; e-mail: gfisher@barry.edu.

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