



SoFlacs



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South Florida Section ACS

Fall 2009

FIU Biscayne Bay Science Club Won ACS ChemLuminary Award

The 11th ACS Chem Luminary Awards celebration was held on August 18 at the ACS national meeting in Washington, DC. ChemLuminary awards recognize the dedication, hard work and countless hours that ACS volunteers contribute in support of their society. ACS Past-President Bruce Bursten presented "The Most Innovative NCW Activity" award to Milly Delgado for the FIU Biscayne Bay Campus Science Club's celebration of Mole day with a unique and creative event: "Guaca-Mole Fiesta". National



Chemistry Week 2008 coincided with Hispanic Heritage Week, so the FIU Science Club took the opportunity to incorporate some Hispanic culture into Mole Day, Oct. 23, in the form of a "Guaca-Mole Fiesta". The Science Club hosted a contest for students to submit a guacamole recipe using chemistry terms. The South Florida Section was also nominated for Best Student Affiliate Event for NCW 2008 for programs presented by Chem Clubs from FIU, FAU, and Barry University at the Ft. Lauderdale Museum of Science.

SoFL-ACS Sponsored Project SEED Students

After a hiatus of several years, the South Florida Section participated in the ACS Project SEED program (Summer Educational Experience for Disadvantaged) whereby economically disadvantaged high school students have an opportunity to do chemistry related research at a university lab. This summer, Samora Dorismond, a 17-year old Senior at North Miami Senior High School (now a freshman at FIU) did research with Dr. John Berry at FIU on "Inhibition of PP2A within Liver and Skin Cancer Cells by Microcystin" and Delon Dingle, a 16-year old Junior at Miami Central High School, did research with Dr. Rajeev Prabhakar at the University of Miami on "Computational studies of interaction between Alzheimer amyloid β (A β)-peptide and drug molecules". Samora summarized her SEED experience: "Project SEED is an excellent educational program for any student who wishes to pursue a career in Sciences, myself included. I had the great opportunity to build important skills required for that field and met dedicated and professional mentors. I extended my knowledge through my research and was very fascinated by every new thing I learn. I really start to have a different approach of that amazing world in which we live. I highly recommend this wonderful program!

Each year Project SEED places 300-400 economically disadvantaged high school students in 8-10 week summer research programs in academic, industrial and governmental laboratories. Selection for Project SEED is not merit based but seeks students with potential who would otherwise not be considered for hands-on experience in scientific research. Since the inception of this program in 1968, more than 9,400 summer research experiences have been provided to high school students from low income families. Students have gained research experience and mentoring from volunteers in approximately 350 institutions in 36 states. In addition to the summer experience, Project SEED participants are eligible to compete for first-year nonrenewable college scholarships up to \$5,000. Please include support for Project SEED in your dues.

Get Involved in the ACS Celebration of IYC 2011: Support the U.S. Commemorative Stamp Campaign

The ACS is working to urge the United States Postal Service to adopt chemistry as a theme for a commemorative stamp in 2011 in view of the contributions of chemistry to the well-being of humankind in the US and worldwide and on the occasion of the 2011 International Year of Chemistry (IYC). The USPS gets 50,000 subject requests per year and awards only 25 commemorative stamps per year - Your efforts to contribute to this cause this year are very important and very much appreciated! How to get involved: Visit www.acs.org/ivc2011 to download the petition. Distribute the petition for signature among your colleagues, students, and friends (all chemists and friends of chemistry are encouraged to sign!). Mail or FAX completed petitions to the ACS Office of International Activities no later than November 1. To learn more about IYC 2011 and to contribute ideas to the ACS celebration of this historic event, visit www.acs.org/ivc2011.

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FUTURE EVENTS - MARK YOUR CALENDAR

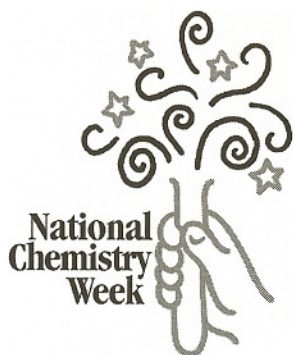
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Friday, October 16, Section Seminars: Sr. Mary Virginia Orna, Ph.D., Professor of Chemistry at College of New Rochelle, NY, will present "The Chemist as Detective in Examining Art and Artifacts" at noon, at Barry University, Wiegand Annex bldg, room 104, 11300 NE 2nd Ave., Miami Shores (contact gfisher@mail.barry.edu), and 4:00 p.m. at FIU Biscayne Bay Campus, AC2 bldg, room 110, 3000 151st St., North Miami, (contact delgadom@fiu.edu).

Saturday, October 17, 11:00 AM - 5:00 PM - National Chemistry Week Family Day at the Miami Museum of Science, 3280 South Miami Ave. 2009 NCW theme: "Chemistry - It's Elemental". Further details can be found elsewhere in this issue.

October 21-24 - Southeastern Regional Meeting (SERMACS), San Juan, Puerto Rico, Convention Center. Theme: "Think Positive, Think Global, Think Chemistry". For further information, go to www.sermacs2009.org

Monday, November 9, 6:30 pm - ACS tour speaker Dr. Mukund Chorghade, Chorghade Enterprises, Natick, MA, will speak on "Fascinating Adventures in the Progress of a Drug from Conception to Commercialization" at Nova Southeastern University, Health Professions Assembly Building II, Morris Auditorium, Ft. Lauderdale. For directions to Nova Southeastern University see: www.nova.edu/cwis/campusmaps/index.html or (contact venk@nova.edu).



NATIONAL CHEMISTRY WEEK

Chemistry – It's Elemental

SoFL-ACS FAMILY DAY

Saturday, October 17, 11:00 AM – 5:00 PM

MIAMI MUSEUM OF SCIENCE

3280 S. Miami Avenue



Free admission to museum exhibits and planetarium for ACS members and families. Bring your spouse/significant other, children, parents. Show your ACS membership card or bring this ad

11:30 AM - 12:30 PM Lunch (hot dog or cheeseburger with chips and soda) first come first served, for first 150

1:00 - 2:00 PM – keynote speaker Sr. Mary Virginia Orna “*The Periodic Table Wasn't Always Like This*”

2:30 - 4:00 PM – hands on chemistry demos presented by FIU, FAU, Barry and UM chemistry clubs

ACS/DAC Co-Programming at Pittcon 2010

INVITED SYMPOSIA

- Electrochemistry and Energy
- Investigations of Microfluidic Systems with Electrochemical Detection for the Investigation of Biological Processes
- New Approaches to Address Emerging Environmental Pollutants
- New Frontiers in Mass Spectrometric Analysis of Proteins
- Pushing the Envelope in Capillary Gas Chromatography
- Separation and Characterization of Large Macromolecules and Nanoparticles: There's Plenty of Room at the Top

ORGANIZED CONTRIBUTED SESSIONS

- Advances in Pharmaceutical and Biomedical Analysis
- Bioanalytical Approaches to Study Cellular Communication
- Innovations in Separation Science
- Innovative Approaches to Analytical Science Education
- New Frontiers in Electrochemical Energy Conversion and Storage
- New Investigators in Analytical Chemistry

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CANDIDATES' STATEMENTS FOR ACS PRESIDENT-ELECT

Below are the position statements from the three candidates who are running for ACS President-Elect. Please vote in November.

Nancy B. Jackson

Chemistry is essential to addressing the challenges society faces in developing new energy sources and providing environmental and economic sustainability. Unfortunately, the ability of science in general and chemistry in particular to provide solutions for our challenges is not appreciated by the public. The International Year of Chemistry, 2011, is an opportunity to innovatively communicate science to the public. If elected President, I will use the International Year of Chemistry to its fullest to partner with our international colleagues to communicate chemistry as well as to encourage development of novel methods for conveying to the public the crucial role of chemistry for a sound future. Support we receive for chemical education and research from government and policy makers is dependent upon how much the public values chemistry. With the expertise of our chemical educators – the front line communicators of chemistry to the public – and our volunteers - who have tremendous experience in communicating to the public through National Chemistry Week and other activities - ACS is primed to take the lead on communicating science and the central science of chemistry. Our ability to provide long term solutions to energy needs or to provide a sustainable future depends on our ability to convey to the public the wonder and importance of chemistry. I will be a strong advocate for research – at universities, national laboratories, and industry, and will support ACS to be a leader in multidisciplinary and fundamental research. I encourage you to visit my web site at NancyJackson.org to learn more. I ask for your vote for ACS President-elect and promise in return to give all my energy and enthusiasm to improving the image of chemistry in order to ensure a vital future for chemistry.

Cheryl A. Martin

“Let’s Build a Sustainable Future with Chemistry”

The ACS President represents the interests of the 150,000+ Society members, providing a strong voice to help shape the ACS agenda and priorities. I am committed to this - truly listening to and understanding what is on YOUR mind. There are many challenges facing the US and the world today where chemists can have a significant impact on the possible solutions. I distill my thoughts on how to approach these challenges into a single word: sustainability - in its broadest sense, both ‘green’ and ‘ongoing’ - sustaining our members, sustaining the environment, sustaining jobs in the US and broadly in the field of chemistry, sustaining partnerships that allow the spread of technology developments worldwide, sustaining dreams in the eyes of our children. I believe we must focus our actions, within the tenets of the new ACS Strategic Plan, in four areas: Innovation, Partnerships, Education and Leadership. My expanded statement and more details about me can be found on my blog: <http://camartinacscandidate.blogspot.com>.

So, why vote for me? Over the past 20 years, I have engaged actively in many ACS local and national events and committees and I believe strongly in the ACS and its mission: “improving peoples’ lives through the transforming power of chemistry.” I have been both an active team member and a leader/mentor and I know how the Society works. My professional career has been varied and challenging, moving from lab bench to marketing, finance to management. Most recently I have had the opportunity to lead the Rohm and Haas Coatings business in Europe, Middle East and Africa,

introducing innovative solutions with a significant focus on sustainability. This has been an amazing experience enhancing how I view the possibilities of broad partnerships and diversity of thought to bring new ideas to fruition. I ask for your vote!

Mary Virginia Orna

“Critical Analysis for Challenging Times”

Local Sections are the life blood of the American Chemical Society. ACS officers and volunteers are unsung heroes and heroines who, for "high salaries!" received, perform admirably. Your devoted, selfless, diligent contributions have enabled ACS to become the world's largest scientific professional organization. Local Sections address the "green edge of innovative thought" that, through new models and structures, eventually drives our educational systems and the economy. All ACS activities share the ultimate goal of promoting chemistry as a fundamental driver that improves the quality of everyone's life - worldwide. However, humans, not computers, do chemistry. ACS is a membership organization. Thus, our guiding principle, in whatever we do, should be to keep ACS members' best interests always in mind - weighing how each decision will affect individual ACS members. So, I solicit your help in learning more about your professional needs and interests

As ACS President, I will regularly seek your recommendations and inform you of activities and strategies to support and assist your members. I will confer and work with you to improve and strengthen communications, develop resources, sponsor programs, and promote effective policies to enable your Local Section to grow and flourish in these challenging times. This limited statement cannot fully describe the assiduous efforts I will undertake on your behalf, if elected. Please visit www.maryvirginiaorna.net for my complete critical analysis for these challenging times. Contact me at vmorna@cnr.edu with questions and suggestions. I pledge to work with everyone - particularly with you, your Section leaders, Councilors, and committees. I am determined to serve as a responsive, hard-working, committed ACS President. I will be honored to receive your vote and trust to enhance YOUR professional status, the entire chemical enterprise, and ongoing benefits it generates for everyone.

CALL FOR NOMINATIONS FOR 2010 SOFL-ACS OFFICERS

Please volunteer to serve your local ACS section by running for a 2010 office: chair-elect, treasurer, councilor/alternate councilor. If interested, submit your name to one of the current officers (see next page) in order to place your name on the election ballot in November.

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Want to Improve the Public's Appreciation for Chemistry? Become a Chemistry Ambassador!

Chemistry Ambassadors is a new ACS program that invites members to help improve public awareness and appreciation for chemistry in the communities where they live. Some of you are already doing this through NCW and other activities, we applaud you. But we also know that many of our members are not able to be active in their local sections, yet they are concerned about the public's appreciation for chemistry. If you feel you don't have time to become personally involved in making a difference, we ask you to think again. Chemistry Ambassadors is custom made to fit your schedule and your interests, no matter how little time, or how much you can afford to spend.

If someone asks what you do for living, do you have a response that's comfortable for you and relevant for the other person? Are you willing to provide ACS scholarship information to a high school guidance counselor? How about science podcasts for younger students? Willing to send a letter to your elected official to influence science policy? Sample scripts and letters will be provided, along with audience-appropriate messages about chemistry. And if you have more time, we have more suggestions and more tools. To register, e-mail Keith Lindblom at k_lindblom@acs.org.

Share ACS Resources with Teachers You Know

It's back-to-school season, and elementary, middle, and high school teachers are gearing up for a new year. As a chemist, you're in a unique position to help teachers and students learn and love science. After all, you enjoyed learning science so much that you chose to devote your career to it! You can help teachers you know by introducing them to the outstanding ACS education resources developed specifically for them. To help you spread the word, we've created brochures you can either e-mail or print out for teachers describing ACS education resources (you can find these brochures online at <http://www.acs.org/k8education> and <http://www.acs.org/highschool>). We recommend that you review the resources, decide which are most suitable for each teacher, and then suggest these resources by name. You may link to or print out free samples so that teachers can start using ACS resources right away. In addition to sharing resources, you can improve science education by offering your time and expertise. You may volunteer to give a presentation about science in a local classroom or answer chemistry questions from a class throughout the year. Visit the [Chemistry Ambassador](#) section of the ACS website for teaching tips and lessons you can use to introduce chemistry to students in your community. Find out what other scientists are doing to improve science education on the [ACS Network](#). Your efforts will definitely be appreciated by teachers and their students this year and for years to come!

Soflacs Going Paperless

Beginning with the 2010 issues, the *Soflacs* newsletter will be published only on-line at www.soflacs.org. You will receive a postcard notification of this change at which time you will have the option to receive a hard-paper copy by requesting so on the return postcard.

OFFICERS OF THE SOUTH FLORIDA SECTION ACS FOR 2009

Chair: Rose Mary Stiffin, Florida Memorial University, Miami Gardens, FL 33054, (305) 626-3697, rsiffin@fmuniv.edu.

Past Chair: Michael J. Elliott, Florida Memorial University, Miami Gardens, FL 33054, (305) 626-3704, melliott@fmuniv.edu.

Chair-Elect: Richard Shreve, Palm Beach Community College, Boca Raton, FL 33431-6490, (561) 512-0737, shreve@chemist.com

Secretary: Milagros Delgado, Department of Chemistry, FIU Biscayne Bay Campus, AC1-382A, North Miami, FL 33181, (305) 919-5966; delgadam@fiu.edu.

Treasurer: Leonard Keller, Department of Chemistry, Florida International University, Miami, FL 33199, (305) 348-3081; kellerl@fiu.edu.

National Councilors: Zaida Morales-Martinez (2009), (305) 386-3206, moralesz@fiu.edu; Milagros Delgado (2010), FIU, (305) 919-5966, delgadam@fiu.edu; George Fisher (2010), Barry University, (305) 899-3430, gfisher@mail.barry.edu.

Alternate Councilors: George Duncan (2010), Broward County Sheriff's Crime Lab, 954 831-6147, george_duncan@sheriff.org; Vic Shanbhag (2010), Nova Southeastern University, 954 262-8331, shanbhag@nova.edu; Richard Shreve (2009), Palm Beach Community College, 561 512-0737, shreve@chemist.com.

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ACS
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2009 ChemLuminary Award Winners

- ACS Award for Volunteer Service to the American Chemical Society - Mary Virginia Orna
- ACS President's Award for Local Section Government Affairs - Delaware Section
- ACS President's Award for Local Section Government Affairs - Nashville Section
- Outstanding Community Involvement in NCW - North Jersey Section
- Outstanding Event for the General Public Using the Yearly Theme - Midland Section
- Outstanding Event for a Specific Audience - Pittsburgh Section
- Best High School NCW Event - Puerto Rico Section
- Best Student Affiliate Event - Southern California Section
- Outstanding Industrial Involvement - Cincinnati Section
- Outstanding On-going NCW Event - Delaware Section
- Greatest Community Involvement in Chemists Celebrate Earth Day - North Jersey Section
- Creative & Innovative Use of the Chemists Celebrate Earth Day Theme - Idaho Section
- Most Original Hands-on Activity or Chemical Demonstration - South Florida Section
- Recognition of Innovation and Outstanding Service to Members of a Division - Division of Physical Chemistry
- Recognition of Innovation and Outstanding Service to Members of a Division - Division of Industrial & Engineering Chemistry
- Recognition of Innovation and Outstanding Service to Members of a Division - Division of Chemical Technicians
- Outstanding Local Section Career Program Award - Detroit (Small to Medium Large), Georgia (Large to Very Large)
- Outstanding Collaboration Between a Local Section and a Division - Northeast Tennessee Section and Division of Chemical Technicians
- Best Activity or Program in a Section Stimulating Membership Involvement - Greater Houston Section
- Most Innovative New Activity or Program in a Local Section - Rochester Section