



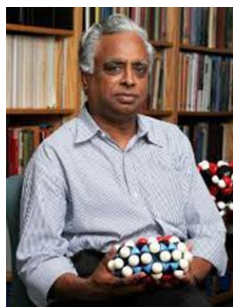
SoFlacs



Vol. 32, No. 5

South Florida Section American Chemical Society

September 2022



Virtual Section Meeting Friday, September 23, 2:30-3:30 PM

Join via Zoom

<https://miami.zoom.us/j/91076429404?pwd=b05scFV2SElVY3RmRUVJRjRjRTNzMVVF4Zz09>

Vaidhyathan Ramamurthy, PhD

Professor, Department of Chemistry, University of Miami

“Being a Scientist”

Abstract:

Human beings' curiosity about how things work has led to many fields of studies including science. Science has been a major player in not only rationalizing what goes on around and inside us, but also to the changes in our environment. The mastery of scientific phenomenon besides helping build a better future has also led to detrimental outcomes. Contributions to a better future thus requires knowledge of both the good and bad aspects of science from everyone and especially from the youth with a greater role in it. To understand 'being a scientist' this seminar will analyze the contributions and the life of scientists. It is designed to bring awareness to students on what it takes to be a successful scientist, why a career in science is worth pursuing, and how it could be intellectually and occasionally financially rewarding.

SoFL-ACS Won Two ChemLuminary Awards for 2021 NCW Events



Younger Chemists (YCC) did two activities that demonstrated how temperature affects reaction rates by using pop rocks and making homemade lava lamps. The participants from grades 3-5 were given a list of materials weeks in advance to make sure they had ample time to get the materials. Pop rocks were mixed with water at different temperatures to see how differently they react and

dissolve. The second experiment demonstrated how Alka-Seltzer reacts differently depending on the temperature. Not only it demonstrated reaction rates but also effects of density and polarity. They also made cool lava lamps in the process. Participants were asked questions throughout the event, and it was very interactive between presenters and the participants. SoFL-ACS also presented hands-on activities experiencing various reactions that illustrated the variety of Rates of Chemical Reactions and those substances or conditions that yield very fast, very slow, or reaction rates somewhere in between. The audiences were at the Ft. Lauderdale Museum of Discovery and Science, the Frost Science Museum in Miami, two third grade and two fourth grade classes at Seacrest Country Day School in Naples, and students from second grade through fifth grade at Miami Lakes Elementary School. At the Ft. Lauderdale Museum of Discovery and Science student and faculty volunteers from four academic institutions offered hands on demonstrations for 500 public participants. At the Frost Science Museum student and faculty volunteers from five academic institutions reached >4000 public participants (the day coincided with the museum's Saturday Spooky Halloween). At Seacrest Country Day School two 3rd grade and two 4th grade classes - one academic institution, 18 volunteers over two days and 64 students, while at Miami Lakes Elementary one 2nd and 3rd grades combined and one 4th and 5th grades combined, a total of 42 students and 4 volunteers.



Remember to VOTE for ACS 2023 Officers



2022 ACS National Election Candidates

The ballots will begin distribution on September 26 and the election will close on October 21, 2022, 12pm CT.

If you have any questions contact JoAnn Rhodes at nomelect@acs.org.

President-Elect, 2023



Mary K. Carroll

ZOOM MEET & GREETS:
Sept. 19 @ 4pm ET and
Sept. 23 @ 11am ET



Rigoberto Hernandez

ZOOM MEET & GREETS:
Sept 20 @ 4pm ET and Sept
22 @ 11am ET



Director-at-Large 2023 – 2025

(Two to be elected)



Milagros (Milly) Delgado



Malika Jeffries-El



Will E. Lynch



Ellene Tratras Contis

HYBRID TOWN HALL:
August 21 @ 4:30 – 5:30 PM CT
Sheraton Ballroom V



Scan to join the meeting

Please have your device handy to submit questions.

Director, District II



Kimberly Agnew-Heard



Marcy Towns

Director, District IV



Christopher J. Bannochie



Lisa Houston

2022 SoFL-ACS Officers

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