



# SoFlacs



Vol. 25, No. 4

South Florida Section ACS

April 2015

## Terri Taylor, ACS K-12 Education, Will Present Teacher Workshop

Ms. Terri Taylor, Assistant Director of ACS K-12 Education programs, will present a workshop for section high school teachers at 6:00 pm on Thursday, April 23 at South Plantation High School, Environmental Magnet Amphitheater, 1300 SW 54<sup>th</sup> Ave, Plantation. The workshop will focus on activities that teachers can readily use in their classrooms with some stations that teachers can explore based on their interests. She will let



teachers know about ACS education resources and bring handouts and giveaways for all teachers attending. There will be light refreshments, door prizes, and one membership in the American Association of Chemistry Teachers for a lucky teacher.

Terri will also be the keynote speaker at the SoFL-ACS awards banquet on Saturday, April 25 (see below).

### CONGRATULATIONS

The following persons have achieved the remarkable milestone of 50 or 60 years of ACS membership and will be honored at the awards banquet:

#### 60-Year Members

Mr. Merton Allen.....Fort Lauderdale  
 Dr. Ira Blei.....Deerfield Beach  
 Dr. Theodore L. Brown.....Bonita Springs  
 Dr. Fabio B. Bruschtein.....Delray Beach  
 Dr. Harry J. Cenci.....Fort Myers  
 Dr. Robert R. Engle.....Fort Myers  
 Dr. James D. Grossman.....Palm Beach  
 Mr. Johan G. Hedberg.....Naples  
 Dr. Richard S.P. Hsi.....Eestero  
 Dr. Winthrop Lange.....Naples  
 Mr. James W. Leenhouts.....Key Largo  
 Dr. George Levitt.....Palm Beach Gardens  
 Dr. Robert Miller.....Boca Raton  
 Mr. Sanford I. Rock.....West Palm Beach  
 Mr. Alan F. Rogers.....Fort Myers  
 Mr. Edward J. Schuller.....Sanibel  
 Dr. J. Frederick Woessner.....Cutler Bay

#### 50-Year Members

Dr. Elliott Block.....Boca Raton  
 Dr. Charles E. Carraher.....Parkland  
 Dr. Constantin I. Courduvelis.....Chelmsford  
 Mr. Richard L. Doty.....Pembroke Pines  
 Dr. Jeffrey R. Ellis.....Weston  
 Dr. James B. Henderson.....Palm City  
 Dr. Leonard S. Keller.....Homestead  
 Dr. Clara K. Miao.....West Palm Beach  
 Dr. James M. O'Connor.....Naples  
 Dr. Joseph M. Prospero.....Miami  
 Mr. Ira T. Warder.....Naples  
 Dr. John R. Wiesenfeld.....Port St. Lucie  
 Dr. James B. Wood III.....Lake Worth

### SoFL-ACS AWARDS BANQUET

Saturday, April 25

6:30 PM Reception and Poster Session

7:00 PM Dinner and Awards

Wolfe Student Center, 2<sup>nd</sup> floor ballroom,  
FIU Biscayne Bay Campus  
3000 N.E. 151<sup>st</sup> Street, North Miami

Cost: \$30.00 ACS members & guests; \$15.00 Students

Send reservation form with check payable to SoFL-ACS by Monday, April 20 to:

Ms. Zaida Morales-Martinez  
13239 SW 85<sup>th</sup> Ter., Miami, FL 33183  
305 386-3206, moralesz@fiu.edu

Name \_\_\_\_\_

Address \_\_\_\_\_

School if

a student \_\_\_\_\_

Number of reservations: \_\_\_\_\_ @ \$30.00 = \$ \_\_\_\_\_

\_\_\_\_\_ @ \$15.00 = \$ \_\_\_\_\_

Total enclosed \$ \_\_\_\_\_

## SOUTH FLORIDA CHEMISTRY OLYMPIAD

During early March, about 350 high school chemistry students participated in the National Chemistry Olympiad qualifier exam administered at Nova Southeastern University (Dr. Vic Shanbhag), FIU-Biscayne Bay (Dr. Milagros Delgado), Pinecrest School (Dagmara Podkoscielny), University School (Dr. Carlos Montero), American Heritage School (Dawn Gregor), Miami Country Day School (Dr. Jesse Bernstein), and at a couple other satellite centers. Based on the results of that exam, 10 students qualify for the next round: the nationwide National Chemistry Olympiad (NChO) exam and lab practical that will be held on Saturday, April 18 at Nova Southeastern University. Based on those results, 20 students nationwide will be selected to go to an intense three-week training camp at the US Air Force Academy in Colorado Springs. Four will then be selected to go on to International Chemistry Olympiad (IChO), July 20-28, 2015 in Baku, Azerbaijan. Congratulations to the following South Florida students, and their chemistry teachers, who qualify to take the national exam:

<u>Student</u>	<u>High School</u>	<u>Teacher</u>
Faraz Masrur	Gulliver Prep	Jennifer Guerra
Hanfei Geng	St Andrews	Paula Martin
Rhys Murray	University School at NSU	Carlos Montero
James O'Conner	Christopher Columbus HS	Teresa Chomat
Kiran Masrur	Gulliver Prep	Jennifer Guerra
Austin Fields	Pine Crest	Dagmara Podkoscielny
Arian Mansur	Archimedean UC	Kalai Panneraselvam
Greg Maineri	University School at NSU	Carlos Montero
Jacob Meisel	Pine Crest	Dagmara Podkoscielny
Willaim Yang	Miami Palmetto HS	Yulia Sharp

## SUMMER 2014 SEED SCHOLARS

During the summer of 2014 three high school students participated in research at FIU and U. of Miami with support from SoFL-ACS and the ACS Project SEED (Summer Educational Experience for Disadvantaged students). Marsha Edwards, a Junior at Miami Country Day School, worked with Dr. John Berry at FIU studying metabolites from cyanobacteria; she will continue this research during summer of 2015 as a SEED II scholar. Daphka Alius, a Senior at iPreparatory Academy, and Bernard Mingo, a Junior at Miami Norland Senior

High, investigated the interaction of amylin and insulin with the insulin degrading enzyme under Dr. Rajeev Prabhakar at the University of Miami. These SEED students will be honored at the SoFL-ACS awards banquet. Congratulations to them.

## ACS SCHOLARS FROM SOUTH FLORIDA

Since 1995 the ACS Scholars Program has awarded over \$17 million in direct scholarships to more than 2670 underrepresented students in the chemical sciences with excellent academic records and financial need. The 20<sup>th</sup> anniversary of the Scholars Program will be celebrated at the 250<sup>th</sup> ACS National Meeting in Boston in August 2015. The hallmark of the program is that it strives to find a mentor for each Scholar, coordinated by our own Zaida Morales-Martinez (Mamma Z). As a result, the program retains 80% of the students entering it. It is clear that the ACS Scholars Program has had a major role in literally transforming the face of chemical education. To date, over 1500 students have graduated with a bachelor's degree in a chemical science. Of those students, 44% have gone on to graduate school, 35% have entered the chemical science workforce and 212 have obtained a PhD degree with over 200 currently enrolled in PhD programs. The following students from the South Florida Section are currently ACS Scholars for their studies of chemistry or chemically related sciences at their respective universities. Congratulations to:

Patrick Aurelus	Chemistry	University of Miami
David Dacres	Chemistry	Hamilton College
Ayomide Fatunde	Chemical Engineering	MIT
Daniel Galvez	Chemical Engineering	Cornell University
Julian Garcia	Chemical Engineering	University of Florida
Carmen Gil	Chemical Engineering	University of Florida
Christopher Harrilal	Chemistry	Florida Int'l Univ.
Courtney Johnson	Chemical Engineering	Northeastern Univ.
Alejandro Krauskopf	Chem. Biol. Engineering	MIT
Netgie Laguerre	Chemistry	Cal. Tech.
Joseph Paredes	Chemistry	University of Florida
Monique Peyreas	Biochem & Molec. Biol.	Boston University
Paloma Tuttle	Chemistry	Florida Int'l Univ.
Johnathan Urria	Chemistry	Florida Int'l Univ.
Salomon Vainstein	Chemical Engineering	Johns Hopkins Univ.
Jose Velilla	Biochemistry	University of Florida
Gabriel Zapata	Chemical Engineering	University of Florida

## 2015 SoFL-ACS Officers

Past Chair: Jesse Bernstein, Miami Country Day School, 601 NE 107 St., Miami, FL 33161, 305- 779-7260, [bernsteinj@miamicountryday.org](mailto:bernsteinj@miamicountryday.org)

Chair: K.V. Venkatachalam (Venk), Department of Biochemistry, College of Medical Sciences and College of Osteopathic Medicine, Nova Southeastern University, Ft. Lauderdale, FL 33328, 954-262-1335, FAX 954-262-1802, [venk@nova.edu](mailto:venk@nova.edu)

Chair-Elect: Dr. John Reilly, Florida Gulf Coast University, Ft. Myers, 219-590-7200, [johnreilly@fgcu.edu](mailto:johnreilly@fgcu.edu)

Secretary: Milagros Delgado, Department of Chemistry, FIU Biscayne Bay Campus, AC1-382A, 3000 NE 151<sup>st</sup> Street, North Miami, FL 33181, 305-919-5966; [delgadam@fiu.edu](mailto:delgadam@fiu.edu)

*Softlacs*, 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](mailto:gfisher@barry.edu)

Treasurer: Leonard Keller, Department of Chemistry & Biochemistry, FIU, 12000 SW 8<sup>th</sup> St. Miami, FL 33199, (305) 348-3081; [kellerl@fiu.edu](mailto:kellerl@fiu.edu)

National Councilors: Zaida Morales-Martinez (2015), (305) 386-3206, [moralesz@fiu.edu](mailto:moralesz@fiu.edu); Milagros Delgado (2016), FIU, 305- 919-5966, [delgadam@fiu.edu](mailto:delgadam@fiu.edu); George Fisher (2016), Barry University, 305-899-3430, [gfisher@barry.edu](mailto:gfisher@barry.edu)

Alternate Councilors: Vic Shanbhag (2015), Nova Southeastern University, 954- 262-8331, [shanbhag@nova.edu](mailto:shanbhag@nova.edu); Dimitri Tamalis (2016), Florida Memorial University, 305-626-0267, [dimitri.tamalis@fmuniv.edu](mailto:dimitri.tamalis@fmuniv.edu); Lisa V. Milenkovic (2016), Broward County Public Schools, 754-321-2620, [lisa.milenkovic@browardschools.com](mailto:lisa.milenkovic@browardschools.com)

CIRCULATION: Send post office form 3579 to Circulation Dept. SoFlacs, c/o George Fisher, Department of Chemistry, Barry University, 11300 N.E. 2nd Ave., Miami Shores, FL 33161.

SoFL-ACS web site: <http://www.softlacs.org> National ACS web site: <http://www.acs.org>



AMERICAN CHEMICAL SOCIETY  
South Florida Section  
Department of Chemistry  
Barry University  
11300 NE 2nd Ave.  
Miami Shores, FL 33161