SoFlacs

Vol. 24, No. 3 South Florida Section ACS April 2014

ACS President Dr. Barton to Visit SoFL-ACS

ACS President, Dr. Thomas Barton will be the guest speaker at the South Florida section awards banquet on Saturday, April 19 (see below for reservations). Being from the Texas gulf coast, he received a B.S. in chemistry from Lamar University in 1962 and his Ph.D. in organic chemistry from the University of Florida in 1967. He worked as an NIH postdoctoral fellow at The Ohio State University before joining the Iowa State faculty. He's still there after 45 year, although retired since May of 2012, now holding the position of Distinguished Professor Emeritus. In 1988, he became Director of the Ames Laboratory (U. S. Department of Energy), and in 1998, he was appointed Director of Iowa State University's Institute of Physical Research and Technology. He also served one year as interim director of the Iowa Energy Center which funds and manages projects of energy efficiency and renewable energy. He has also been a National Academy of Sciences exchange scientist in the Soviet Union, a NATO exchange scientist in France, a JSPS lecturer in Japan, and a professor d'echange at the University de Montpellier. In 1981, he was appointed to the editorial board of the new ACS journal *Organometallics.* Dr. Barton was selected as recipient of the Frederic Stanley Kipping Award in Organosilicon Chemistry in 1982; was honored to be the second recipient of the Iowa's Governor's Science Teaching Medal in 1982; and received an award for Outstanding Scientific Accomplishment in Materials Chemistry in 1989. He received the ACS's Midwest Award in 1995; was named the Federal Laboratory Consortium's Laboratory Director of the Year for Technology Transfer in 2003. In 2012, he was elected to the ACS Presidential succession. He was President-Elect in 2013, President in 2014, and will be Immediate Past President in 2015. Although a physicist friend says "Barton doesn't have hobbies, he has passions!" he has quite a few pastimes including fishing, riding motorcycles, flying (private pilot with instrument rating), sailing (water, ice and land), languages, running, skiing and scratch building of miniature furniture. We welcome Dr. Barton as our awards banquet speaker.

(Photo courtesy of Peter Cutts Photography)

CONGRATULATIONS

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

60-Year Members

Dr. Rudolph J. Angelo.....Fort Myers
Dr. Earl W. Baker.....Boynton Beach
Mr. Arnold H. Gruber.....West Palm Beach
Dr. Philip J. Killion.....Boynton Beach
Dr. Elva S. Kurchacova.....Boca Raton
Mr. Robert J. Lisanke.....Palm Beach Gardens
Dr. Edwin R. Loder.....Boynton Beach
Mr. Harry C. Lorenzen.....Port Charlotte
Mr. Robert McFedries.....Fort Myers
Dr. Robert A. Nash.....Boynton Beach
Mr. Daniel A. Scarpiello.....Palm Beach Gardens

50-Year Members

Dr. Charles D. Amata.....Fort Myers
Dr. George Berens.....N. Miami Beach
Dr. Jiri Jonas.....Naples
Dr. Allen J. Kassman.....Naples
Dr. Albert S. Kirsch.....Bal Harbour
Dr. Bernard M. Lichstein.....Deerfield Beach
Dr. Paul H. Mazzocchi.....Fort Myers
Dr. Jayarama R. Perumareddi.....Boca Raton
Mr. Seymour Sandler.....Fort Myers
Dr. Stephen G. Schulman.....Boynton Beach
Mrs. Sidi Schwartz.....Aventura

SoFL-ACS AWARDS BANQUET

Saturday, April 19
6:30 PM Reception and Poster Session
7:00 PM Dinner and Awards

Wolfe Student Center, 2nd floor ballroom,
FIU Biscayne Bay Campus
3000 N.E. 151st Street, North Miami
Cost: $30.00 ACS members & guests; $15.00 Students
Send reservation form with check payable to SoFL-ACS by Monday, April 15 to:

Ms. Zaida Morales-Martinez
13239 SW 85th 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 March, about 300 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 (Cheryl Doolittle and Dagmara Podkoscielny), University School (Dr. Carlos Montero), American Heritage School (Dawn Gregor), Miami Country Day School (Dr. Jesse Bernstein), and Dr. Michael Crop High (Jack Trafton). Based on the results of that exam, 11 students qualify for the next round: the nationwide National Chemistry Olympiad (NChO) exam and lab practical that will be held on Saturday, April 26 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 20-29, 2014 in Hanoi, Vietnam. Congratulations to the following South Florida students, and their chemistry teachers, who qualify to take the national exam:

Student	High School	Teacher
Robert Arnott	Cypress Bay High School	Clara Russo
Vivek Miglani	Marjorie Stoneman Douglas H.S.	Teresita Chipi
Philip Gaddy	American Heritage School	Dawn Gregor
Daniel Guberek	Dr. Michael Krop High School	David Buncher
Ronen Wdowinski	Archimedean Upper Conservatory	Kalai Panneeraselvam
Randy ElHassani	Marjorie Stoneman Douglas H.S.	Teresita Chipi
Daniel Valles	Cypress Bay High School	Clara Russo
Leah Bush	University School	Carlos Montero
Adam Wang	American Heritage School	Dawn Gregor
David Gonzalez	Miami Country Day School	Jesse Bernstein
Sanchit Bhattacharjee	John Ferguson High School	Natalia Guevara

SUMMER 2013 SEED SCHOLARS

During summer 2013 two high school students participated in research under Dr. Rajeev Prabhakar at the University of Miami funded by the ACS Project SEED (Summer Educational Experience for Disadvantaged students). Congratulations to: Alexandra Velez, a senior at South Miami High, and Romeo Umana, a junior at North Miami Beach Senior High.

ACS SCHOLARS FROM SOUTH FLORIDA

Since 1995 the ACS Scholars Program has awarded $10 million in direct scholarships to more than 2500 underrepresented students in the chemical sciences with excellent academic records and financial need. African Americans comprise 51% of the recipient pool, Hispanic/Latino students represent 43%, and Native American students at 6%. 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 1300 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 142 have obtained a PhD degree with 192 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:

Erika Arango	Chemical Engineering	Purdue University
Melissa Barona	Environmental Engineering	University of Miami
Gabriela Bazzino	Chemical Engineering	University of Florida
Ian Capa	Biochemistry	Columbia University
Jacqueline Cox	Chemical Biology	U California Berkley
Daniel Galvez	Chemical Engineering	Cornell University
Julian Garciz	Chemical Engineering	University of Florida
Carmen Gil	Chemical Engineering	University of Florida
Christophe Harrilal	Chemistry	Florida Int'l Univ.
Courtney Johnson	Chemical Engineering	Northeastern Univ.
Alejandro Krauskpf	Chem. Biol. Engineering	MIT
Onaje LaMont	Chemical & Biomoleclar	Georgia Inst. Tech.
Netgie Laguerre	Chemistry	Cal. Tech.
Monica Loli	Chemical Engineering	Florida State Unvi.
Laura Osorio	Chemical Engineering	New York Polytech
Karen Paklin	Chemical Engineering	Worcester Polytech
Gabriel Zapata	Chemical Engineering	University of Florida

2014 SoFL-ACS Officers

Past Chair: Dimitri Tamalis, Department of Health and Natural Sciences, Florida Memorial University, Miami Gardens, FL 33199 305-626-0267; dimitri.tamalis@fmuniv.edu
Chair: Jesse Bernstein, Miami Country Day School, 601 NE 107 St., Miami, FL 33161, 305-779-7260, bernsteinj@miamicountryday.org
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Secretary: Milagros Delgado, Department of Chemistry, FIU Biscayne Bay Campus, AC1-382A, 3000 NE 151st Street, North Miami, FL 33181, 305-919-5966; delgadom@fiu.edu.
Treasurer: Leonard Keller, Department of Chemistry & Biochemistry, FIU, 12000 SW 8th St. Miami, FL 33199, (305) 348-3081; kellerl@fiu.edu.
National Councilors: Zaida Morales-Martinez (2015), (305) 386-3206, moralesz@fiu.edu; Milagros Delgado (2016), FIU, 305- 919-5966, delgadom@fiu.edu; George Fisher (2016), Barry University, 305-899-3430, gfisher@barry.edu.
Alternate Councilors: Vic Shanbhag (2015), Nova Southeastern University, 954- 262-8331, shanbhag@nova.edu; Dimitri Tamalis (2016), Florida Memorial University, 305-626-0267, dimitri.tamalis@fmuniv.edu; Lisa V. Milenkovic (2016), Broward County Public Schools, 754-321-2620, lisa.milenkovic@browardschools.com.

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