



SoFlacs



Vol. 19, No. 4

South Florida Section ACS

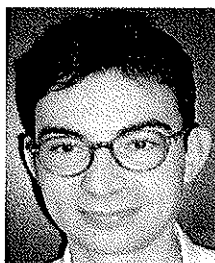
December 2009

ELECTION BALLOT ISSUE FOR 2010 OFFICERS

NOMINEE FOR CHAIRMAN-ELECT

Kostantinos Kavallieratos

Dr. Kavallieratos is an Associate Professor at the Department of Chemistry and Biochemistry, Florida International University. He obtained his B.S. degree in Chemistry from the University of Athens, Greece in 1993, and his M.S. and Ph.D. degrees in Inorganic Chemistry from Yale University in 1995 and 1998, respectively. He did 2-yr postdoc at Oak Ridge National Laboratory. In 2000 he started as an Assistant Professor at FIU, and was promoted to Associate Professor in 2006. His research interests are mainly in the interface of separations, supramolecular and coordination chemistry, with emphasis on extraction and sensing applications of main group metals and anions. He has co-authored 24 peer-reviewed publications in these research areas and his research project on the development of novel sensors for Pb(II) has been supported by the National Institutes of Health. He has collaborated with scientists from Oak Ridge National Laboratory, University of Miami, University of South Florida, and Georgia Tech, and he is a member of the editorial board of the "Open Spectroscopy Journal". He has been a member of ACS for 14 years, is currently a member of both the Inorganic and I&EC divisions. He has served since the beginning of his career at FIU as advisor or co-advisor of the ACS Student Affiliate Chapter at FIU University Park Campus.



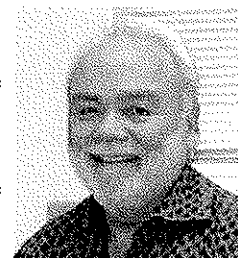
Position Statement

SoFL-ACS has been recognized through the years for the variety of its activities and seminars and the broad interdivisional participation they attract. This is based not only at the copious efforts of previous officers, but also in the position of SoFL-ACS in an active scientific community, with balanced participation from industry, government, and academia. As an elected officer of the section, I will put effort in continuing this trend by organizing symposia that attract interdisciplinary audiences and strengthen our interactions with other local sections. This is anticipated to inspire collaborations between chemists in academia, government and industry. I will work towards increasing the interest for our section within the community by encouraging student participation in our symposia and poster sessions. Having already established ties within the section as an advisor of our award-winning FIU student affiliate chapter, I am convinced I can increase our student and faculty participation in our activities. A new initiative, I would like to start, with help from the national ACS, is outreach activities with local schools with particular emphasis on middle and high-school level, so that more students will come to our universities considering chemistry as a viable and attractive career. Finally, if elected, I will work harmoniously with our current officers, learn from their experience, and work hard in order to mobilize support for our section and continue to enhance its pivotal interdisciplinary role, so that it will fulfill its important function within ACS and in our chemical community.

NOMINEE FOR TREASURER

Leonard Keller

Dr. Keller received his B.A. in chemistry from Rutgers University in 1965 and his Ph.D. in chemistry from Yale University in 1970. He was an NIH Postdoctoral Fellow at Brandeis University from 1970-72. He was a "founding faculty member" at Florida International University where he has been since the university's opening in 1972. He was chairman of the FIU Chemistry Department from 1981-1994 and currently holds the rank of Professor. Dr. Keller served as chairman of the Miami Subsection of the Florida Section in 1977 and has been treasurer of the South Florida Section since 1998.



Position Statement

My close association and connections with the chemistry community in South Florida over the past 30+ years and my experience as section treasurer since 1998 will enable me to continue to serve the Section both as treasurer and as an executive committee member. I will maintain the tradition of fiscal responsibility that has been the cornerstone of my tenure as section treasurer.

NOMINEES FOR COUNCILOR

Zaida Morales-Martinez



Zaida received her BS in Chemistry from the University of Puerto Rico Rio Piedras Campus and her MS in Analytical Chemistry from The Pennsylvania State University. She came to FIU in 1973 via Florida State University, University of Bridgeport (Connecticut), and University of Puerto Rico Rio Piedras. In 2003 she retired from FIU after 30 years (46 total teaching years) and now holds the rank of Professor Emerita. While at FIU,

she received several awards, including the University Distinguished Service Medallion for her contributions to FIU and the community. Within the ACS organization, she received the Florida Section Civic Service Award, the first ACS Women Chemists Committee Southeast Regional Award for significantly stimulating and fostering diversity in the chemical sciences, and the 2004 ACS National Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences.

Zaida served as a Florida Section Councilor from 1986 to 1992 and for the South Florida Section 1992-99, 2003-09. During these years she was appointed to the Project SEED Committee (9 yrs), Society Committee on Education (SOCED) (9 yrs), Committee on Minority Affairs (CMA) (6 yrs), the Task Force for Undergraduate Programming at National Meetings (3 yrs), Task Force for National Chemistry Week (10 yrs), International Affairs Committee (IAC) (2 yrs), Membership Affairs Committee (MAC) (6 yrs), and numerous ad-hoc committees. In 1991 ACS President Al Heining appointed her to the Task Force on Minorities in the Chemical Sciences. It was through the workings of this task force that the ACS Scholars Program was established. Zaida has been a member of the Selection Committee of this program since its inception in 1995, and in 1999 became its Mentoring Consultant.

In 2006 the ACS Board of Directors formed the Program Review Advisory Group (PRAG) to advise the Budget and Finance Committee (B&F) in reviewing ACS programs on the basis of their effectiveness, costs, and alignment with the ACS mission and strategic plan. Zaida was appointed as one of the 3 members representing the Council and served in this capacity for the first four-year cycle of reviewing all society programs. Zaida has been in charge of the SoFL-ACS Graduate and Undergraduate Travel Award since it started in 1995. Also, for the last 3 years she has been instrumental in bringing the ACS President-Elect to the Section at the end of the academic year to give a research talk and to be the keynote speaker at the Awards Banquet.

Position statement

In 1999 when the South Florida Section had to downsize from 3 to 2 councilors, since I was up for reelection, I chose to step aside. Not being a Councilor during those years severely limited the national committees to which I was able to be appointed. Therefore, in 2003 I ran again and was reelected. I have been representing and working for the SoFL-ACS members since reelected. I have attended every Council meeting, every committee meeting, and every SoFL-ACS executive meeting. If I am reelected, I will continue representing you locally and nationally. As one of your representatives on Council, and through committees, I will take initiatives to increase the participation of members in scientific and related activities. Therefore, I humbly ask for your vote to serve for another 3 years.

Richard R. Shreve



Dr. Shreve holds doctorate degree from the Illinois Institute of Technology (Chicago), MBA from Western New England College (Springfield, MA), and BS and MS in Chemistry from Western Illinois University (Macomb, IL), with additional study in chemistry and polymer science at Middle Tennessee State University (Murfreesboro, TN), Utah State University (Logan, UT), University of Akron (Akron, OH), and the University of Massachusetts (Amherst, MA). He has held a wide variety of technical, managerial, and consulting positions in a career spanning over 50 years. He is now "thrice retired" to Boynton Beach. He taught Chemistry at a variety of community colleges, both as a full time and as an adjunct faculty member and was the Section Head of the Chemical Technology program at the University of Akron. He now teaches chemistry full time at Palm Beach Community College and takes on special technical research projects for select clients. For more than 25 years he was a guest lecturer at national meetings, in industrial seminars and professional organizations at a variety of locations throughout the world. Industrially, Dr. Shreve has worked for several major corporations and consulted with over 300 companies. He was a founding member and CEO of The R Group, Ltd., Richton Park, IL; this technology oriented consulting firm developed special techniques of analyses applicable to companies in India, Great Britain, Russia, Poland and Ukraine. He has also held industrial positions with: the Continental Group, Chicago, where he was responsible for product development, strategic analysis and all pricing decisions regarding products in the USA and Canada; CPC International Inc., Argo, IL as a Senior Chemist and R&D Group Leader in New Product Development; with the Goodyear Tire and Rubber Company (Chemical Division) Akron, Ohio as a Senior Development Engineer; as a Research Chemist for Monsanto/Shawinigen Company in Springfield, MA. Dr. Shreve is an Emeritus Member of ACS.

VOTE IN THE SOUTH FLORIDA ELECTIONS

1. Select and mark candidates on the ballot. If you wish to vote for individual(s) other than those nominated please write in their name(s). Vote only for as many candidates as indicated.
2. For Councilor, vote for one first choices and one second choices. The candidate that receives the most total votes will become Councilor and the other candidate will become Alternate Councilor.
3. Cut off the ballot below and place it in an envelope, sign the top left hand corner of the envelope, stamp and mail it to the secretary

Dr. Milagros Delgado
Department of Chemistry
FIU - Biscayne Bay Campus, AC1-382A
North Miami, FL 33181

BALLOTS MUST BE RECEIVED BY MONDAY, Dec. 21

CHAIRMAN-ELECT (vote for one)

_____ Kostantinos Kavallieratos or _____

TRESURER (Vote for one)

_____ Leonard Keller or _____

COUNCILOR (Vote for one first choice and one second choice)

First Choice Second Choice

Zaida Morales-Martinez _____

Richard Shreve _____

ACS Fellowship Available - Experience Science Policy in Washington DC

For more than 30 years the American Chemical Society (ACS) has sponsored Public Policy Fellowships to work on Capitol Hill and in the ACS Office of Public Affairs. The 2009–2010 fellows worked for Senators Ben Cardin (D-MD) and Claire McCaskill (D-MO). Fellows provide science expertise to Washington, D.C. policymakers on issues such as homeland security, national security, water resources and containment, climate change, science education, and much more. The fellowships applications are due December 31 while the actual fellowships run for one year, generally from September to September. If you are interested in learning more about these fellowship programs, please visit www.acs.org/policy or call (202) 872-4386 for more information.

NuMega Resonance Labs

FAST TURNAROUND, ACCURATE RESULTS!

NMR 500 MHz /MASS/ Elemental Analysis

TEL: (858) 793-6057

<http://www.numegalabs.com>

SoFlacs Is Going Paperless

Beginning in 2010, *SoFlacs* is going to be published only online at www.soflacs.org web site and distributed by email via the SoFL-ACS listserve. If you would like to continue to receive a paper copy, please send your name and address to the editor: Dr. George Fisher, Physical Sciences, Barry University, 11300 NE 2nd Ave., Miami Shores, FL 33161 or gfisher@mail.barry.edu. If you are not currently on the SoFL-ACS email listserve, please send your email address to our webmaster shanbhag@nova.edu. Current and past issues of *SoFlacs* are already posted on the SoFL-ACS web site.

2010 Winter Conference on Plasma Spectrochemistry Fort Myers, Florida, January 4 – 9, 2010 Registration Open

The 16th biennial international Winter Conference will be held at the Sanibel Harbour Resort & Spa (www.sanibel-resort.com) in Fort Myers, Florida (www.fortmyers-sanibel.com). More than 600 scientists are expected, and over 300 papers on modern plasma spectrochemistry will be presented. Six plenary lectures and 24 invited speakers will highlight critical topics in 12 symposia and workshops. More than 50 introductory and advanced pre-conference short courses are available.

Symposium Features

- Applications of plasma spectrochemical techniques and methods
- Elemental speciation, species sample preparation, and biological imaging
- Excitation mechanisms and plasma phenomena
- Glow discharge atomic and mass spectrometry
- Inductively coupled plasma atomic and mass spectrometry
- Laser ablation and laser-induced breakdown spectrometry
- Microwave plasma atomic and mass spectrometry
- Plasma chromatographic detectors and combined systems
- Plasma instrumentation, microplasmas, automation, and software innovations
- Sample introduction, transport phenomena, and modelling
- Sample preparation, treatment, and automation; high-purity materials
- Spectrochemical chemometrics, expert systems, and novel software
- Spectroscopic standards, reference materials, databases, and quality control
- Stable isotope analyses and applications

Also

- Continuing Education Short Courses, Saturday - Monday, January 2 - 4
- Manufacturer's Seminars, Saturday - Sunday, January 2 - 3
- Annual Golf Tournament, Sunday, January 3
- Spectroscopy Instrumentation Exhibition, Tuesday - Thursday, January 5 - 7
- Six Daily Heritage Lectures
- Workshop on New Plasma Instrumentation, Tuesday - Thursday, January 5 - 7

Information

For program, registration, hotel, and transportation details, visit the Conference website at <http://icpinformation.org>, or contact Ramon Barnes, ICP Information Newsletter, Inc., P.O. Box 666, Hadley, MA 01003-0666, telephone: 239-674-9430, fax 239-674-9431, e-mail wc2010@chem.umass.edu.

FUTURE EVENTS - MARK YOUR CALENDAR

January 4-9: 2010 Winter Conference on Plasma Spectrochemistry, Sanibel Harbour Resort, Ft. Myers. More details can be found elsewhere in this issue or check <http://icpinformation.org> for final program and registration.

Monday, January 25: seminar speaker Dr. Ramon Barnes, University of Massachusetts, will make two presentations on "Environmental Forensics and Analytical Atomic Spectrochemistry" Noon, at Barry University, Wiegand Annex 103, Miami Shores, and 4:00 PM at Nova Southeastern Univ., Parker Science Bldg., Ft. Lauderdale. See www.soflacs.org for abstract, details, and directions.

Wednesday, February 17: seminar speaker Dr. Andrew Knight, Florida Institute of Technology, will make two presentations on "Environmental Forensics and Analytical Atomic Spectrochemistry" Noon, at Barry University, Wiegand Annex 103, Miami Shores, and 4:00 PM at FIU Biscayne Bay Campus, AC-1 Bldg. North Miami. See www.soflacs.org for abstract, details, and directions.

Saturday, March 13, 8:30 AM - 3:30 PM: Chemical Sciences Symposium "Biological Ethers, Esters and Lactones", Nova Southeastern University, Ft. Lauderdale. Further details can be found later on the SoFL-ACS website: www.soflacs.org.

March 21 - 25, 239th ACS National Meeting and Exposition, San Francisco, CA. See www.acs.org/meetings for details and registration.

Friday, April 16, 8:00 AM - 2:00 PM, High School Science Olympiad/Chemathon at Barry University, Department of Physical Sciences. For more info, contact Dr. Tony Wallner, twallner@mail.barry.edu.

Saturday, April 17, 6:30 - 9:00 PM: SoFL-ACS annual awards banquet, Florida International University, Biscayne Bay Campus, North Miami. See www.soflacs.org later for details and registration.

CONGRATULATIONS TO

the ACS Student Affiliate Chapters at Barry University, FIU University Park, and FIU Biscayne Bay each for being selected as award winning chapters for the many various chemistry related activities and community service programs that they performed in the 2008-2009 academic year. These chapters will be recognized and honored on March 21, at the ACS national meeting in San Francisco.

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; delgadom@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, delgadom@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.

SoFlacs, the publication of the South Florida Section, American Chemical Society, is published quarterly in the Spring, Summer, Fall, and Winter. Subscription rate is \$4.00 per year or \$1.00 per copy. Third class postage paid at Miami, FL.

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@mail.barry.edu.

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, (305) 899-3430, FAX (305) 899-3479.

PRINTED BY: Allstate Bindery, 95 NE 166th St., Miami. (305) 945-9098.

SoFL-ACS WEB SITE: <http://www.soflacs.org>

NATIONAL ACS WEB SITE: <http://www.acs.org>

ADVERTISING: Send inquiries or camera ready copy to the Editor/Business Manager, with check made out to "South Florida Section ACS". A 10% discount will be given for four consecutive prepaid advertisements. All materials should be supplied copy ready. Additional cost will be charged if preparation of copy is done by SoFlacs.

-ADVERTISING RATES PER ISSUE-

Business card size \$25.00
Half page \$75.00

Quarter page \$40.00
Full Page \$125.00



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

NON-PROFIT
ORGANIZATION
U.S. POSTAGE
PAID
MIAMI, FL
PERMIT NO. 4740