



ACS NEWS

The biannual newsletter for the American Chemical Division of Fluorine Chemistry

MESSAGE FROM THE CHAIR

Greetings from the First State (Delaware)! I would like to welcome new members of the Executive Committee. **Markus Etzkorn** was elected as new Program Chair and **Chad Friesen** stepped in as interim Secretary, replacing Greg Butler, who resigned from Executive Committee in the end of last year. Since the Division did not have elections for vacant positions in Executive Committee (EC) in 2009, the following members of EC kindly agreed to continue to serve on EC until the next election in Spring of 2011: **Paul Deck, Tariq Mahmood, Gary Schrobilgen, and Joe Thrasher.** **Don Burton** and **Paul Resnick** will continue as Division Councilor and Alternate Division Councilor. Next year we will have substantial renewal of EC members, so I would like to ask members of the Division to volunteer to serve the Fluorine Community. If you would like to be a candidate or know someone who would be a good candidate for the EC elections next year, please let us know!

Special thanks to **Vadim Soloshonok** the Past Chair of the Division and **Greg Butler**, former Secretary of the Division for service to the Division!

Due to last year resignation of the

Secretary, the position of the Chair of the Division for next year is vacant. In order to maintain the continuity of terms in the future, it was decided at the last EC meeting (March 2010) that the current Chair of the Division will stay in this position for 2011 term.

The 19th International Symposium on Fluorine Chemistry (ISFC), which took place in August 2009 in Jackson Hole, WY, USA, was a huge success despite the remote location of meeting site. It gathered over 300 participants from all over the world. On behalf of the Division of Fluorine Chemistry I would like to thank **Joe & Debby Thrasher, Steven Strauss & Olga Boltalina** and **Rick & Chrissy Fernandez** for their extraordinary efforts in organizing an excellent conference! I am pretty sure it will be remembered by participants for many years due to an excellent scientific program and a wonderful location.

A week before of the 19th ISFC, the Division broke a record by being involved in organizing and sponsoring six Symposia at the 238th ACS meeting, in Washington DC.

Continued on p. 2

VICE-CHAIR

MEMBERSHIP REPORT

There are a total of **594 members** of the division. Of these, **461** are regular members of the division. It is of some concern to me that we have only **35 regular student members** of the division. My priority for the coming year will be to try to **build the number of student and younger members** of the division. The demographics report makes it clear that the division is aging rapidly.

Attached (end of this Newsletter) you will find an updated membership form. The new membership directory will be worked on over the summer. ■

IN THIS ISSUE

Message from the Chair 1-2 *Membership Report* 1 *Programs Report* 3 *Fluorine Conference* 3
Upcoming Meetings 4 *Treasurer's Report* 5 *ACS National Meeting* 6 *Application* 7 *Board* 8

SEND ITEMS THAT YOU WOULD LIKE TO HAVE CONSIDERED FOR INCLUSION IN THE NEWSLETTERS OR CONCERNS OR QUESTIONS, TO VIACHESLAV.A.PETROV@USA.DUPONT.COM.

Special thanks go to organizers: **Vadim Soloshonok, Greg Butler, Donna Nelson, Dennis Smith Jr., Scott Iacono, Jack Jin, Bruno Ameduri, Joseph Thrasher, P. W.**

Jennings, Mark C. Cesa and Dona Garcia. The Division expresses gratitude to all these people for putting together an excellent meetings.

Congratulations to **Russell Hughes** (Dartmouth College) who is the recipient of ACS Award for Creative Work in Fluorine Chemistry in 2010. Russ presented the award address during a Special Symposium in San

Francisco last March. His excellent presentation covered different aspects of organometallic chemistry of fluorine and was well attended during 239th ACS Meeting.

Darryl DesMarteau is the fifth recipient of the biennial Distinguished Service Award in Fluorine Chemistry. Darryl has made a major impact for the Division and its members for the last forty years. This Award is well deserved. Congratulations, Darryl! Please, let me or the Secretary of the Division know when you or a colleague receives an award or recognition, so we can share this information with the members of the Division know.

The Fluorine Division is proud to continue sponsoring the **Moissan Summer Undergraduate Research Fellowship**. The awardees of year 2010 are:

- > **Daniel Sprague** and **Norito Takenaka**, *University of Miami, FL*
- > **Tiffany B. Myers** and **Markus Etkorn**, *University of North Carolina, Charlotte*

The Division encourages Awardees to present their work at 20th Winter Fluorine Conference or one of the ACS National meetings next year. The Division will cover part of the expenses for attending the ACS meeting.

The Division encourages you to maintain your interest in the Moissan SURF program, and consider applying in 2010. The Call for Fellowships, to be granted in 2011, will appear in the Fall Newsletter and will also be added to the Division website by June 15, 2010.

A donation drive for the **Moissan Summer Undergraduate Research Fellowship in Fluorine Chemistry Fund** is still

underway. This fund and its associated fellowship program are administered by the Division. The goal of the drive is to establish the fund as self-sustainable and from which Moissan Summer Undergraduate Research Fellowship can be provided. Currently, up to four Moissan Fellowships per annum are provided from the Division operating account. We hope that you and/or your organization will find the way to contribute to this important initiative of the Division. Contributions should be directed to the Fluorine Division's Treasurer, Bob Syvret. Additional information on **Moissan Summer Undergraduate Research Fellowship in Fluorine Chemistry** will be also posted on the Division website soon at <http://fluorine.sites.acs.org>.

The Fluorine Division website continues to be an extremely useful source for all members of fluorine community. Recently the website migrated to a new location at ACS server. Although some parts of the website are still in transition, at this point it is up and running. It contains listing of officers, information on the Division Awards, upcoming meetings and the 20th Winter Fluorine Conference. Newsletters and Moissan Summer Undergraduate Research Fellowship in Fluorine Chemistry sections are still in restoration process, but we are planning to open both of them in second half of June. Please visit it at <http://fluorine.sites.acs.org> and let me or webmaster (<http://fluorine.sites.acs.org/contactus.htm>) know your thoughts or suggestions. We thank, the site's webmaster Phil Henderson for his considerable and continuous efforts in migration website to a new server and maintaining it. Thanks a lot, Phil!

If there are items that you would like to have considered for inclusion in the newsletters or concerns or questions, please send me an e-mail (viacheslav.a.petrov@usa.dupont.com).

Well, the work on fundraising, putting together the program for the 20th Winter Fluorine Conference is well underway, thanks to Dave Dixon (The University of Alabama) and Vernar Beatty (ACS). We will have another interesting and productive meeting in St. Petersburg in January of 2011. ■

I hope to see you there.



Viacheslav Petrov, *Chair 2010*

2009-2010 Meetings

19TH WINTER FLUORINE CONFERENCE, ST. PETE BEACH, FLORIDA

January 11-16, 2009, TradeWinds Island Resort, St. Pete Beach, FL, USA

Organizers: Professor P.V. Ramachandran (Chair) and Professor David Dixon (Co-Chair).

The meeting titled "Fabulous Future with Fluorine" took place in Trade Winds Hotel, St. Petersburg, FL in January 2009. Despite the economic turmoil, the meeting was well attended. Chandran Ramachandran did a marvellous job on raising funds and putting together a very nice meeting.

238TH ACS NATIONAL MEETING

August 16-20, 2009, Washington D.C., USA

Symposia:

- > Half a day meeting "Fluorine-related Nanoscience with Energy Applications (COMSCI, POLY, and GLOBAL), August 16, 2009, Organizers: Donna Nelson, Vadim Soloshonok
- > Two and a half days Symposium "Fluorine Effects in the Phenomenon of Self-Disproportionation of Enantiomers: Implications for Emergence of Prebiotic Homochirality" Organizers: Greg Butler, Vadim A. Soloshonok

Division Co-sponsored Symposia:

- > "Fluorine-Containing Polymers" (POLY)D Organizers: Dennis W. Smith Jr., Scott T. Iacono, Jack Jin, Bruno Ameduri, Joseph S. Thrasher
- > "Interacting with the U.S. National Science Foundation" (INOR) Organizer: Janice Hicks
- > "Alternative Energy Sources: Perspectives and Opportunities" (COMSCI) Organizers: Donna Nelson, P. W. Jennings, Mark C. Cesa
- > "Nanoscience in Polymer Chemistry" (POLY) Organizers: Donna Nelson, Dana Garcia

19TH INTERNATIONAL SYMPOSIUM ON FLUORINE CHEMISTRY

August 23-28, 2009, Jackson Hole, Wyoming, USA

The meeting took place in Jackson Hole, Wyoming and was a total success despite the remote location of the meeting site. It gathered over 300 participants from all over the world. Excellent presentations, and organization of the meeting, combined with nice weather and numerous outdoor activities making this meeting a memorable event. An excellent collection of photographs taken during this meeting can be found at conference website: http://www.chm.colostate.edu/shs/Conference_Photos.htm

JANUARY 9-14, 2011, TRADEWINDS ISLAND RESORT, ST. PETE BEACH, FL, USA

The Twentieth Biennial American Chemical Society Winter Fluorine Conference, sponsored by the Division of Fluorine Chemistry, will be held at the TradeWinds Island Grand Resort in St. Pete's Beach, Florida on January 9-14, 2011. The conference will feature invited plenary and oral presentations as well as contributed papers and posters by fluorine chemists from around the world on different aspects of modern fluorine chemistry. Areas of programming include Organic, Inorganic, Physical, and Medicinal Chemistry. This six-day international interdisciplinary forum will also feature the Award address by the recipient of the 2011 American Chemical Society Award for Creative Work in Fluorine Chemistry.

Abstracts being submitted for presentation for the 20th Winter Fluorine Conference should consist of a maximum of 250 words or less. Abstract submission opens on **May 10, 2010** at <http://membership.acs.org/f/fluo/index.htm>.

Advance registration and housing will open on **Monday, August 2, 2010**. Additional information pertaining to registration and housing can be obtained on the conference website at <http://membership.acs.org/f/fluo/index.htm>.

For additional information on the scientific contents of the conference, please contact the conference chair Professor David Dixon, Department of Chemistry, The University of Alabama; dadixon@bama.ua.edu. For all other information, please contact the conference manager Ms. Vernar Beatty, American Chemical Society, Washington, DC; v_beatty@acs.org

<http://fluorine.sites.acs.org/meetings/htm>

The Division expresses gratitude to all of the organizers. ■

On behalf of the Division of Fluorine Chemistry I would like to thank **Joe & Debby Thrasher, Steven Strauss & Olga Boltalina** and, **Rick & Chrissy Fernandez** for their extraordinary efforts in organizing an excellent conference, which, I am pretty sure, will be remembered by participants for many, many years.

The Division expresses gratitude to all organizers of 19th ISFC for putting together an excellent meeting.

239TH ACS NATIONAL MEETING

March 21-25, San Francisco, USA

The Division sponsors a Symposium in honour of Russell P. Hughes 2010

Winner of ACS Award for Creative Work in Fluorine Chemistry. Organizers:

Professor R.T. Baker (University of Ottawa, Canada), **Professor D. Lemal** (Dartmouth College, NH, USA) and **Dr. R. Larichev** (DuPont CRD, Wilmington, DE, USA). It was an excellent meeting, which gathered over 40 speakers from all over the world to honour Russell Hughes, the Recipient of 2010 Award for Creative Work in Fluorine Chemistry.

The Division expresses gratitude to all speakers, sponsors and organizers of the Symposium for putting together an excellent meeting.

I also would like to use this opportunity and thank members of the Division, particularly Surya Prakash, Gary Schrobilgen and Bob Syvret, for all their help and continuous support, which I felt for the last three years being a Program Chair of the Fluorine Division. I really enjoyed this work, which would be impossible without help from all colleagues, who volunteered to organize, support and participate in eleven Symposia covering different aspects of chemistry of fluorine, as a part of 233, 234, 235, 236, 238 and 239th National ACS meetings. ■

INTERNATIONAL MEETINGS OF INTEREST

for members of the ACS Fluorine Division

16TH EUROPEAN SYMPOSIUM ON FLUORINE CHEMISTRY (16TH ESFC)

July 18-23, 2010, Ljubljana, Slovenia

Organizers: Tomaž Skapin (Chair)

Melita Tramšek (Co-Chair),

Boris Žemva (Honorary Chair)

E-mail: 16esfc@ijs.si

Website <http://16-esfc-ljubljana.ijs.si/>

FLUOROPOLYMERS 2010

June 13-16, 2010

Village Club Thalassa, Meze, France

Organizers: Bruno Ameduri, Ph D

Prof. Dennis W. Smith

E-mail: fluoropolymer2010@enscm.fr

Website: <http://www.polyacs.net/Workshops/10Fluoropolymer/home.htm>

20TH INTERNATIONAL SYMPOSIUM ON FLUORINE CHEMISTRY

July 22-27, 2012, Kyoto, Japan

For more information on upcoming meetings,

visit: <http://fluorine.sites.acs.org/meetings.htm> ■

UPCOMING MEETINGS

PACIFICHEM 2010

December 15-20, 2010, Honolulu, Hawaii, USA

Symposium:

“FUNDAMENTAL AND APPLIED INORGANIC FLUORINE CHEMISTRY & THEIR IMPACTS ON ENERGY CONSERVATION AND THE ENVIRONMENT”

Symposium Co-organizers: Rika Hagiwara, Kazuhiko Matsumoto, Hélène P.A. Mercier (Contact), Gary J. Schrobilgen, and Robert G. Syvret Website: <http://pacificchem.org/abstracts/>

“CARBON-FLUORINE BOND ACTIVATION: A CROSSROADS FOR INORGANIC, ORGANIC, AND ENVIRONMENTAL CHEMISTRY.”

Symposium Co-organizers: Oleg V. Ozerov, Takahiko Akiyama, Jennifer A. Love. Website: http://www.pacificchem.org/symposia/c_symp_248.htm

20TH WINTER FLUORINE CONFERENCE

January 9-14, 2011, TradeWinds Island Resort, St. Pete Beach, FL, USA • See p. 3 for details. ■

TREASURER'S REPORT

The fiscal state of the Division of Fluorine Chemistry continues to be strong thanks to strong fundraising efforts and fiscal responsibility of the organizers of both the 19th Winter Fluorine Conference and 19th International Symposium on Fluorine Chemistry. The Table below provides a snapshot view of the Division's assets as of 31 December 2009 and the comparative numbers for a year ago.

The Division's total assets have increased approximately 24% over the course of the 12 month period ending December 2009. This increase reflects the positive recovery of our investments in the stock market with a 13.1% increase in ACS Investment Pool holdings and 26.9% increase in the Moissan SURF Fund.

ASSETS (as of December 31, 2009)

	(\$ as of 31 December 2008)	(\$ as of 31 December 2009)
ACS INVESTMENT POOL <i>(market value)</i>	101,460	114,793
WACHOVIA NATIONAL BANK	7,910	19,757
AMERICAN EXPRESS SPS ADVANTAGE ACCOUNT		
Moissan SURF Fund	50,387	63,928
TOTAL ASSETS	159,756	198,478
Total percent change		+24.2%

FINANCIAL HIGHLIGHTS FOR THE DIVISION FOR FISCAL YEAR 2008 INCLUDE:

- > Revenue received from the 19th Winter Fluorine Conference was \$15,445.81 versus \$880.26 in expenses paid.
- > The Division provided \$52,726.01 in support of the 19th International Symposium on Fluorine Chemistry in Jackson Hole, WY versus \$46,785.00 in corporate donations, registrations, and PRF grant monies received.
- > The Division provided \$18,095.52 in financial support to the Fluorine Division Symposium held at the Fall ACS National Meeting in Washington versus \$14,233.22 in corporate donations received.
- > The Division awarded 3 Moissan Summer Undergraduate Research Fellowships in the amount of \$3,500 each to Professors Peelen (Lebanon Valley College), DiMagno (University of Nebraska), and Laali (University of North Florida).
- > The Division provided \$4,500 in support of programming at the Spring (2010) ACS National Meeting in San Francisco
- > The Division has committed financial support to the Shreeve Symposium at the 2010 NORM/RMRM (\$2,500) and programming at the Pacificchem 2010 conference (\$9,000).
- > The Division will provide \$7,000 in support of Moissan Summer Undergraduate Research Fellowships (SURF) in Fluorine Chemistry in 2010. Awards went to Professors Takenaka (University of Miami) and Etzkorn (University of North Carolina, Charlotte). ■

IMPORTANT CHANGES TO NOTE

- > New address Division website <http://fluorine.sites.acs.org>
- > Starting January 2012, the newsletter will be going electronic unless you specifically request a hard copy.

DIVISION COUNCILOR REPORT 239TH ACS NATIONAL MEETING

The ACS Council Meeting was held on Wednesday, March 24, 2010 in San Francisco, CA. Detailed below are some points of interest and information from the Council Meeting:

ELECTION RESULTS:

The committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for President-Elect, 2011: Luis A. Echegoyen, John P. Fackler, Jr., and Bassam Z. Shakhashiri. A fourth candidate withdrew earlier for personal reasons. By electronic ballot, the Council selected Luis A. Echegoyen, and Bassam Z. Shakhashiri as candidates for 2011 President-Elect. These two candidates along with any candidates selected via petitions will stand for election in the Fall National Election.

The Committee on Nominations and Elections announced the results of the election to select candidates from a list of nominees to represent District II and District IV on the Board of Directors for the term 2011-2013. By mail ballot, the Councilors from these districts selected George M. Bodner and Joseph R. Peterson as District II candidates and Larry K. Krannich and Will E. Lynch as District IV candidates. Ballots will be mailed on or before October 10th to all members in District II and District IV for election of a Director from each District.

The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for a 2011-2013 term: Janan M. Hayes, Robert L. Lichter, Kathleen M. Schulz, and Kent J. Voorhees. The election of two Directors-at-Large will be conducted in the fall.

PETITIONS TO AMEND THE CONSTITUTION AND BYLAWS:

The Council received three amendments to the ACS Constitution and Bylaws for action:

1. The petition on Admissions Committee
2. The Petition on Candidate Selection by Member Petition
3. The Petition on Election Timelines 2009

Results:

The Council **voted to approve** the Petition on Admissions Committee. This petition removes the Admission Committee from the Bylaws and transfers its function to the Council Committee on Membership Affairs.

After considerable debate, a motion to approve the Petition on Candidate Selection by Member Petition **Failed**. This Petition would have amended the Constitution to emphasize that candidates selected by a petition process from members will have no further screening.

The Council also thoroughly debated the merits of the Petition on Election Timeline 2009. The motion to approve this Petition **Failed**. This petition would have shortened certain national election timelines.

The Board of Directors will vote within 90 days on whether to ratify the Petition on Admissions Committee.

PETITIONS (for consideration):

The Council received three petitions for consideration. Action is expected on these petitions at the fall council Meeting.

SOCIETY FINANCES:

The Society's total revenue (\$460 million) was up +1% from 2008, but fell short of the 2009 approved budget by \$19.5 million (or 4.1%). Therefore, contingency planning actions and cost containment initiatives were implemented across the Society, resulting in expenses saving totalling \$22.5 million - mainly by significant reductions in salaries and fringe benefits, and in discretionary accounts such as travel, training and professional services. As a result, the Society's Net Return from operations was \$3.0 million greater than anticipated in the 2009 Approved Budget.

2011 MEMBER DUES:

The Council **voted** to set the member dues for 2011 at the fully escalated rate of \$146.

MEMBER STATISTICS:

At the close of 2009, ACS membership totalled 161,783 compared to 154,024 for year-end 2008.

ATTENDANCE REPORT:

As of March 24, 2010, the ACS spring national meeting has attracted 18,076 registrants as follows: Regular attendees, 9715; Students, 5,705; Exhibitors, 1,219; Exposition only, 923; and Guests, 514. ■

AMERICAN CHEMICAL SOCIETY
DIVISION OF FLUORINE CHEMISTRY

- NEW MEMBERSHIP APPLICATION
 RENEWAL
 CHANGE OF ADDRESS

Name: _____

Employer: _____

Address: _____

Business Phone: _____ Fax: _____

Home Phone: _____ E-mail: _____

ALL OF THE ABOVE INFORMATION WILL BE INCLUDED IN THE DIVISION'S DIRECTORY, WHICH IS SENT TO ALL MEMBERS IF YOU OPT-IN. PLEASE CHECK ONE BELOW:

- I AGREE TO HAVE MY INFORMATION PUBLISHED IN THE FLUORINE DIVISION MEMBERSHIP DIRECTORY.
 I DO NOT CHOOSE TO HAVE MY INFORMATION PUBLISHED IN THE FLUORINE DIVISION MEMBERSHIP DIRECTORY.

CURRENT MEMBER OF ACS? YES NO

IF YES, MEMBERSHIP NUMBER: _____

NEW MEMBERS OF THE FLUORINE DIVISION WILL HAVE THEIR DUES WAIVED FOR THE FIRST YEAR ONLY. THE RENEWAL DUES FOR 2010 ARE \$10.00 FOR ACS MEMBERS AND \$17.00 FOR NON-ACS MEMBERS (FOREIGN MEMBERS: PLEASE MAKE SURE THAT YOUR CHECK IS IN U.S. DOLLARS DRAWN ON A U. S. BANK.

Dues Enclosed: \$ _____

PLEASE SEND FORM TO:
Stephen DiMagno, Department of Chemistry
University of Nebraska, 850 Hamilton Hall
Lincoln, NE 68588-0304 USA

Preferred method of return is electronic to Steve DiMagno: sdimagno1@unl.edu



ACS NEWS

The biannual newsletter for the American Chemical Division of Fluorine Chemistry

2010 EXECUTIVE COMMITTEE

CHAIR

VIACHESLAV PETROV
Central Research and Development
DuPont de Nemours & Co., Inc.,
Experimental Station
Wilmington, DE 19880-0328
302-695-1958
viacheslav.a.petrov@usa.dupont.com

VICE-CHAIR / SECRETARY

CHAD FRIESEN
Department of Chemistry,
Trinity Western University
Neufeld Science Centre
7600 Glover Road
Langley, BC V2Y 1Y1, Canada
604-513-2121 (3220)
604-513-2018 FAX
chad.friesen@twu.ca

VICE-CHAIR / MEMBERSHIP

STEPHEN DIMAGNO
Department of Chemistry,
University of Nebraska
Lincoln, NE 68588-0304
402-472-9895
402-472-9402 FAX
sdimagno1@unl.edu

VICE-CHAIR / PROGRAMS

MARKUS ETZKORN
UNC Charlotte,
Department of Chemistry
9201 University City Blvd.
Charlotte, NC 28223
704-687-4443
704-687-3151 FAX
metzkorn@unc.edu

TREASURER

ROBERT G. SYVRET
1156 Clearwood Drive
Allentown, PA 18103
Telephone: 610-432-4442
or 484-358-3024
email: syvretg@aol.com

PAST CHAIR

VADIM SOLOSHONOK
Department of Chemistry,
University of Oklahoma
620 Parrington Oval
Room 208
Norman, OK 73019-3051
(405)325-8279
(405)325-6111 (FAX)
vadim@ou.edu

COUNCILOR

DON BURTON - USA

ALTERNATE COUNCILOR

PAUL RESNICK - USA

COMMITTEE MEMBERS AT LARGE

ALAIN TRESSAUD - France
GARY J. SCHROBILGEN - Canada
JOSEPH S. THRASHER - USA
DAVID O'HAGAN - Scotland
PAUL DECK - USA
TARIQ MAHMOOD - USA

NEW DIVISION WEBSITE:

<http://fluorine.sites.acs.org>