



ACS NEWS

The biannual newsletter for the American Chemical Society Division of Fluorine Chemistry

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



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The biannual newsletter for the American Chemical Society Division of Fluorine Chemistry

MESSAGE FROM THE CHAIR

Greetings from Nebraska! This year a number of seats on the Division's Executive Committee are up for renewal and elections for EC committee members are underway. The list of candidates was approved at the meeting of the members of the Division at the Spring ACS Meeting in San Diego. Biographical information on the candidates and a ballot will be seen in the Fall Newsletter.

Congratulations are in order for several members of the Division. The Division's premier scientific honor, the ACS Award for Creative Work in Fluorine Chemistry, was presented to David O'Hagan at the ACS Meeting. Prof. O'Hagan's award address highlighted his work on the biosynthesis of fluorinated natural products, and his contributions to the stereocontrolled synthesis of fluoroorganic compounds. Two members of the Division, David Lemal and Russell Hughes, were also elected ACS Fellows. The ACS Fellows program recognizes members of ACS for outstanding achievements in and contributions to Science, the Profession, and the Society.

The Fluorine Division website, a useful source for all members of fluorine community, is continuously being upgraded. It contains listing of officers, information on the Division Awards, upcoming meetings,

Newsletters and information on the Moissan Summer Undergraduate Research Fellowship in Fluorine Chemistry. Please visit it at <http://fluorine.sites.acs.org> and let me know your thoughts or suggestions. We thank the site's webmaster Phil Henderson, for his considerable and continuous efforts in maintaining it.

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 (sdimagno1@unl.edu).

Finally, I am excited by the challenges that lie ahead for the division, and I would appreciate very much any suggestions, reminders, and even demands that you make of my time and efforts on behalf of the Division. When I volunteered to stand for election, I had not fully appreciated the demands and opportunities of serving as Division Chair. It is only in the past several months that I have begun to truly appreciate the job that Slava Petrov has done for the past years as Chair of the Division. The Division owes him a large measure of thanks for a job well done.

Stephen DiMagno
Chair 2012, USA

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VICE-CHAIR

MEMBERSHIP REPORT

In order to interpret the membership data, it is useful to compare year over year data. This year's report includes data from that of January of last year, in addition to current statistics.

As of January 2012, there were 576 members of the Division. This number is slightly up from the same time period from 2011, but it is down from the peak of 603 members that followed an aggressive membership drive during and immediately after the 20th WFC. The number of regular members has not changed, which I take as a positive development given the demographics of the division.

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Past Meetings

At the **243rd ACS National Meeting in San Diego (CA)** the Division of Fluorine Chemistry hosted two symposia and a poster session:

1. David O'Hagan's ACS Award for Creative Work in Fluorine Chemistry (2012) was honored with an award symposium on Monday and Tuesday, with 27 speakers covering various areas of organic, bioorganic and medicinal fluorine chemistry and concluded with David's award address. The award was officially presented by Honeywell during the ACS Award Banquet on Wednesday evening at the Hilton San Diego Bayfront Hotel.
2. During the second symposium on F-18 radiochemistry 16 speakers highlighted current synthetic trends and practical applications in this increasingly important field. This second symposium concluded with the Scifluor-sponsored award to G. J. Schrobilgen and R. V. Chirakal for their contributions to F-18 radiochemistry.

Both symposia were very well attended throughout the ACS Meeting by an engaged audience. The Division would like to thank all sponsors for their generous financial support, all speakers for their interesting presentations, the chairpersons for leading symposia sessions, and last but not least the organizers (M. Etzkorn, G. Sandford, H. Van Brocklin, N. Vasdev) for their continuous efforts.

Upcoming Meetings

20TH INTERNATIONAL SYMPOSIUM ON FLUORINE CHEMISTRY, KYOTO, JAPAN, JULY 22-27, 2012:

Please refer to the webpage (<http://www2/convention.co.jp/20isfc>) for more information on this symposium.

21ST WINTER FLUORINE CONFERENCE, ST. PETE BEACH, FL, JANUARY 13-18, 2013:

Information about the upcoming WFC can be found on the conference webpage (<http://fluorine.sites.acs.org/21stwfc.htm>). Abstract submission will open on May 14, 2012 and close on September 24, 2012; housing opens on August 3, 2012 until December 21, 2012 and registration will be possible between August 3, 2012 and December 10, 2012. Questions may be addressed to the Michael Gerken (Michael.Gerken@uleth.ca; chair) or Stephen G. DiMagno (SDimagno1@unl.edu; co-chair). ■

For more information visit:
<http://fluorine.sites.acs.org/meetings.htm>

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| | | |
|-------------------------------|------------|--------------|
| Division Affiliate | 31 | 5.38 |
| Society Affiliate | 2 | 0.35 |
| Regular Student Member | 33 | 5.73 |
| Retired Member | 19 | 3.30 |
| Emeritus Member | 46 | 7.99 |
| Regular Member | 431 | 74.83 |
| Student Member - | | |
| UnderGrad | 14 | 2.43 |
| TOTAL | 576 | 100% |

As of the January 2011, there were a total of 566 members of the fluorine division.

The breakdown was as follows:

| | | |
|-------------------------------|------------|--------------|
| Division Affiliate | 20 | 4.47 |
| Society Affiliate | 3 | 0.52 |
| Regular Student Member | 38 | 6.53 |
| Retired Member | 21 | 3.95 |
| Emeritus Member | 46 | 7.04 |
| Regular Member | 431 | 76.29 |
| Student Member - | | |
| UnderGrad | 7 | 1.20 |
| TOTAL | 566 | 100% |

(The total number of members was 596 in January 2010).

I would encourage the members of the Division and the Members of the EC to continue to recruit new members aggressively. Please keep in mind in your discussions with potential new members that there is no fee for the first year of membership in the Division, and after the first year the dues are quite modest (\$10 for ACS members and \$17 for non-members). ■

DIVISION COUNCILOR REPORT **SPRING 2012**

The ACS Spring Council Meeting was held on **Wednesday, March 28, 2012 in San Diego, CA**. Detailed below are some points of interest and information from the Council Meeting.

ELECTION RESULTS:

1. The Committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for **President-Elect, 2013**: Thomas J. Barton, Luis A. Echegoyen, William A. Lester, Jr., and Barry M. Trost. After a brief speech to the Council by each candidate, by electronic ballot, The Council selected Thomas J. Barton and Luis A. Echegoyen as candidates for 2013 President-Elect. These two candidates, along with any candidates via petitions, will stand for election in the Fall National Election.
2. The Committee on Nominations and elections announced the results of the election to select candidates from the list of nominees to represent District I and District V on the Board of Directors for the term 2013-2015. **Nominees for District I included:** Barbara J. Garrison, Thomas R. Gilbert, Neil D. Jespersen, and Julianne M.D. Smist. **Nominees for District V included:** John E. Adams, Frank D. Blum, Peter K. Dorhout, and Frankie K. Ward-Black. By mail ballot, the Councilors from these districts selected Thomas R. Gilbert and Neil D. Jespersen as District I candidates; and John E. Adams and Peter K. Dorhout as District V candidates. Ballots will be mailed on or before October 10 to all members in District I and District V for election of a Director from each District.
3. The Committee on Nominations and Elections announced the selection of the following candidates for **Directors-at-Large for a 2013-2015 term**: Carol A. Duane, Valerie J. Kuck, Helen (Bonnie) A. Lawlor, and Ingrid Montes. The election of two Directors-at-Large will be conducted in the fall. Ballots will be mailed to the Council on or before October 10, 2012.

COMMITTEE REVIEW:

As part of a regular performance review, the Council voted to continue the Committee on Project SEED. The Committee on Project SEED sets policy for all Project SEED programs, including review of Project SEED I and II program applications for student research projects, funding decisions, and Project SEED college scholarship applications.

SOCIETY FINANCES:

Despite the sluggish economy, ACS generated strong results in 2011. Total revenue was \$472.0 million, up +1.8% over 2010. The Net from Operations was \$20.9, or \$7.7 million favorable to budget. This result was attributable to better-than-expected performance by the ACS Publications Division and careful expense management across the Society. While operating results were favorable, Unrestricted New Assets declined from \$130.5 million to \$102 million. The decline was primarily due to a sizable accounting charge related to the Society's closed postretirement benefit plans.

2013 MEMBER DUES:

The Council voted to set the member dues for 2013 at the fully escalated rate of \$151.00. This rate is established pursuant to an inflation-adjustment formula and the ACS Constitution and Bylaws.

PETITIONS TO AMEND THE CONSTITUTION AND BYLAWS:

The Council took action on two amendments (petitions) to the ACS Constitution and Bylaws. The Petition to Amend Recorded Vote Request Procedure and the Petition on Market Data Collection. The council voted overwhelmingly to approve both petitions.

MEMBER STATISTICS:

Membership recruitment and retention efforts were very successful last year. The Society ended 2011 with 164,215 members – the highest membership in Society history. 24,249 new members were elected into the Society -16,092 Regular members and 8,157 Undergraduate members.

MEETING ATTENDANCE:

As of March 28, 2012, the ACS Spring National Meeting had attracted 16,921 registrants including 8,974 regular attendees and 5,742 students.

SPECIAL DISCUSSION ITEM:

A special discussion item was put on the Council agenda for this meeting. ACS President Bassam Shakhshiri presented and moderated a discussion on "What is your reaction to the proposed topics for the ACS Climate Science Toolkit?" President Shakhshiri's working group on ACS Climate Science has developed a preliminary web-based toolkit that ACS members can use as a resource for understanding and communicating basic climate science. Following the presentation, councilors engaged in a robust discussion on the proposed toolkit, and offered numerous suggestions for consideration.

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ACS VS. LEADSCOPE LITIGATION:

The General Council report included a briefing on the ACS vs. Leadscope Litigation. The ACS has appealed to the Ohio Supreme Court, and the Court agreed to hear the case. On September 7th, the Supreme Court heard oral arguments in the case, and the link to the arguments can be found on acs.org. A ruling has not been issued but could come at any time.

PACIFICHEM:

The Board approved the 2015 PacifiChem budget and authorized reimbursement on a pro rata basis, to the participating ACS Divisions for expenditures in support of the PacifiChem program and activities.

List of URL's and e-mail addresses to find addition information:

- (a) **Employment/Careers:**
www.acs.org/careers - information on ACS career resources
www.acs.org/ei - information on the ACS Entrepreneurial Initiative (Training and Resources)
- (b) **www.acs.org/strategicplan** - information on the new ACS Strategic Plan for 2012 and Beyond
www.acs.org/bulletin5 – location of the Society's governing documents and unit bylaws, and information on the petition process to amend the Society's governing documents
www.acs.org/climatescience – information on the Climate Science Toolkit ■

TREASURER'S REPORT

The fiscal state of the Division of Fluorine Chemistry continues to be very strong thanks mostly to strong fundraising efforts for Fluorine Division sponsored symposia. The Table below provides a snapshot view of the Division's assets as of 31 December 2011 and the comparative numbers for a year prior, 31 December 2010.

ASSETS *(as of December 31, 2011)*

| | (\$) as of 31 December 2010 | (\$) as of 31 December 2011 |
|---|--------------------------------|--------------------------------|
| WELLS FARGO BANK ACCOUNT | \$45,125 | \$29,011 |
| AMERIPRISE FINANCIAL SPS ADVANTAGE ACCOUNTS: | | |
| Moissan SURF Fund | \$72,217 | \$68,736 |
| Long-term Investment Account | \$133,408 | \$129,422 |
| TOTAL ASSETS | \$250,750 | \$227,169 |
| Percent change | | -9.4% |

The Division's total assets have decreased approximately 9.4% over the course of the 12 month period ending December 31, 2011. This decrease is mostly due to a number of symposia expenditures made in 2011 where Corporate donations were received in 2010. For example, in 2011 the Division paid \$13,030.30 in expense for the 20th Winter Fluorine Conference whereas all Corporate donations were received in 2010.

FINANCIAL HIGHLIGHTS FOR FISCAL YEAR 2011 INCLUDE:

- > The Division awarded 3 Moissan Summer Undergraduate Research Fellowships in the amount of \$3,500 each to Professors Jeff Johnson (Hope College), Chris Bradley (Texas Tech), and Michael Gerkin (University of Lethbridge).
- > The Division provided \$9,500 in financial support to the Fluorine Division Symposium held at the Fall ACS National Meeting in Denver.
- > The Division provided \$500 in support of a symposium in memory of Dick Lagow held at the SWRM in Austin, Texas in November 2011.

> The 20th Winter Fluorine Conference held in January 2011 was a financial success. Total revenues were \$69,183.36 versus expenses of \$64,259.66. This is a tremendous achievement in light of the poor economic environment that prevented many participants from attending. Congratulations to Dave Dixon, WFC Chair, and Vernar Beatty, ACS, for an excellent job!

OUTLOOK FOR 2012

- > A \$5,000 contribution was made to the 1st Indian International Symposium on Fluorine Chemistry, held in Delhi in 2012. \$12,000 is committed to programming at the ACS National Meeting in San Diego, 2012.
- > 3 Moissan SURF awards, \$3,500 each, will be made in 2012. ■

AMERICAN CHEMICAL SOCIETY
DIVISION OF FLUORINE CHEMISTRY

- NEW MEMBERSHIP APPLICATION
 RENEWAL
 CHANGE OF ADDRESS

Name: (PROF. / DR. / MR. / MS.) _____

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 2012 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:

Christopher Junk
DuPont Central Research & Development
Experimental Station
Building E500, Room 2604B
Wilmington, DE 19880
USA

Preferred method of return is electronic to Christopher Junk: Christopher.P.Junk@usa.dupont.com