

SPRING NEWSLETTER

May 2005

Message from the Chair

Greetings from Southern Ontario and Niagara Escarpment Country, where spring appears to be reluctantly emerging, as I write this message on Easter Sunday amidst banks of thawing snow. I would like to welcome our newest members of the Executive Committee. **Brian O'Brien** has joined us as our newest Secretary. **Michael Gerken** and **Josef Michl** round out our Executive Committee for 2005. We say goodbye and thanks to our outgoing Executive Committee members **Chris Hewitt**, **Cathleen Crudden**, **Adam Alty** and **Suzanne Purrington**. **Don Burton** continues as our Division Councilor, with **Paul Resnick** as our new Alternate Division Councilor. Special thanks to **G. B. Hammond**, the Past Chair of the Fluorine Division, for his considerable contributions over the past year as Division Chair and as Vice-Chair Programs for the previous three years.

The 17th Winter Fluorine Conference was, by all accounts, a huge success. I would like to thank the Conference Chair, **Surya Prakash**, and Co-chair, **Slava Petrov**, for their considerable work in putting together the program and fundraising, as well as **Michele Gandy** and **Toma Thornhill** from the ACS Office of Divisional Activities, who were responsible for many of the crucial behind-the-scenes tasks necessary to put on a conference of this type. Michele has also been involved with several prior Winter Fluorine Conferences. Michele has been reassigned, so she will not be involved in future WFCs, and will be greatly missed. Thanks again, Michele, for all you have contributed to making our winter meetings successful!

Shlomo Rozen (Tel Aviv University), who was the recipient of the 2005 ACS Award for Creative Work in Fluorine Chemistry, presented the award address during the Thursday night banquet to an enthusiastic crowd. **Suzanne T. Purrington** was the recipient of the third biennial Distinguished Service Award in Fluorine Chemistry, which is given to a member who exemplifies excellence in our field and to our division. Suzy has had a major impact on our Division and its members over the years and this award was richly deserved. In keeping with what has become what we hope is a long lasting tradition, SynQuest sponsored the undergraduate Winter Conference Poster Awards. This year's winners were **Kimberly McGrath** from

the University of Southern California and **Joseph Cradlebaugh** from the University of Florida. This award is a recognition of the work of our youngest members, and as such, is highly appreciated for its encouragement of new talent in our field.

The Fluorine Division is proud to sponsor the Moissan Summer Undergraduate Research Fellowship every year; the call for the fellowships to be tenured in 2006 will appear in the Fall 2005 Newsletter. The awardees this year are as follows: **Roman Dembinski**, Oakland University; **Chadron M. Friesen** (student **Ashley L. Jamieson**), Trinity Western University; **Ahamindra Jain**, U.C. Berkeley; **Neil Vasdev** and **Andrei Yudin**, University of Toronto.

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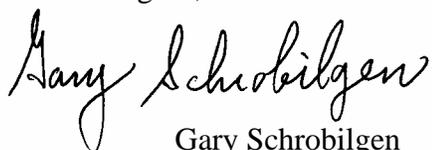
A donation drive for the **Moissan Summer Undergraduate Research Fellowship in Fluorine Chemistry Fund** is under way. This fund and its associated fellowship program are administered by the Fluorine Division. The goal of the drive is to grow the fund to \$150,000 in order to establish a self-sustaining investment pool from which Moissan Summer Undergraduate Research Fellowships can be provided. Currently, up to four Moissan Fellowships per annum are provided from the Division's operating account. We hope that you and/or your organization will find the means to contribute to this important outreach program of your Division and equally important investment in the future of fluorine chemistry. Contributions should be directed to the Fluorine Division's Treasurer, **Bob Syvret**. Please visit the Fluorine Division website for details.

The Fluorine Division website continues to be an extremely useful source for all things pertaining to Fluorine Chemistry. We thank **Phil Henderson**, the site's webmaster, for the considerable effort he has expended in maintaining our website. The website contains, among other items, issues of the past newsletters, listings of officers, membership information and upcoming meetings, program and abstracts for the 17th Winter Fluorine Conference, and the new Fluorine Division Bylaws and Executive Committee Operations Manual. Check it out if you have not done so recently (<http://membership.acs.org/F/FLUO/>).

A new **Membership Directory** was mailed in February to those members who indicated that they wished to be included in the directory. We thank **Bob Syvret** and **P. V. Ramachandran** for their considerable efforts in creating and distributing the Directory.

This year has been a good year for recognition of our members. In addition to the awards mentioned above, **Shlomo Rozen** also received the **2004 Israel Chemical Society Prize for Excellence** at the **Israel Chemical Society Meeting, February 15-16, 2005**. Congratulations again, Shlomo! On behalf of the Division, I also extend our congratulations to **George A. Olah**, who received the American Chemical Society's highest recognition, the 2005 Priestley Medal, at the Spring ACS National Meeting in San Diego. George's inspirational award address was published in the March 14, 2005 issue of *C & E News* with a follow up in the April 1, 2005 issue of *JOC*. We would like to continue to recognize the awards that our members receive as part of a continuing department in our newsletters. Please let me or the Secretary of the Fluorine Division know when you or a member colleague receive an award or recognition so that we can let our members know. We would also like to acknowledge new faculty appointments in fluorine chemistry in our newsletters.

If there are concerns or questions that you have regarding the Fluorine Division, please send me an e-mail. If there are items that you would like to have considered for inclusion in the newsletters, please do the same. The Fall ACS National Meeting in Washington, D.C. will have a full Fluorine Chemistry program. I hope to see you there.



Gary Schrobilgen
Chair, 2005

Treasurer Report

The fiscal state of the Division of Fluorine Chemistry continues to be very strong. The Table below provides a snapshot view of the Division's assets as of 31 March 2005 and the comparative numbers for a year ago.

While the Division's total assets have increased only marginally (6%) over the course of the last year, the allocation of funds within our asset base has changed significantly as a result of a shift of funds from Morgan Stanley Dean Witter (*MSDW*) to American Express Financial Advisors (*AMEXFA*).

A year ago, in March 2004, the value of the Moissan Summer Undergraduate Research Fellowship (SURF) Fund was ~ \$25,000 and was comprised of various mutual fund accounts held at *MSDW*. In December 2004, the Moissan funds from *MSDW* were combined with the liquid asset funds at *MSDW* and rolled into a "new" Moissan SURF Fund at *AMEXFA* in a SPS Advantage Account. The resulting Moissan SURF Fund value was ~ \$35,000. In January 2005, in an effort to catalyze growth of the Fund, the Fluorine Division sent out a solicitation for contributions to the Fund and deposited \$10,000 from our general operating fund to the *AMEXFA* Moissan SURF Fund making the then-current total value ~ \$45,000. In March 2005, the Division received a contribution to the Moissan SURF Fund of \$1,000 from Rick and Christine Fernandez. The current value of the Moissan SURF Fund is ~ \$47,000.

ASSETS (as of 31 March 2005)

	(\$) as of 31 March 2004	(\$) as of 31 March 2005
ACS Investment Pool (market value)	106,801	111,000 (estimate)
Morgan Stanley Dean Witter		
Liquid Assets	9,459	0
Moissan Fellowship Fund	25,035	0
Wachovia National Bank	40,446	25,539
American Express SPS Advantage Account		
Moissan Fellowship Fund	0	46,741
Total Assets	172,282	183,280
percent change		6%

Other financial highlights for the Division include:

- The Executive Committee of the Fluorine Division has recently voted to increase financial support to Fluorine Division sponsored symposia at ACS National meetings. The Division will now provide a maximum of \$4,500 for support of individual symposia, up from the previous amount of \$2,500. The additional \$2,000 in support must be used to pay the cost of speaker registrations for national meetings.
- The Division of Fluorine Chemistry has recently provided four Moissan SURF Awards of \$2,500 each for undergraduate research in 2005.

Vice-Chair Membership Report

The Division had, as of February 28, 2005, 638 members. There are 562 regular members, five national affiliates, and 71 Divisional affiliates. As of February, 88 members had not paid their dues; we ask that they do so soon. Although we enrolled a good number of new members, an equal number resigned from the division. Thanks to all who helped us to retain members and recruit new members. We welcome suggestions for activities that will help maintain and expand our membership.

We have published and distributed the new Membership Directory to those who opted to be included. If you wish to receive and have your name and contact information included in future Membership Directories, you will need to fill out an **Opt-In Form** (included in this newsletter, and also posted on the Fluorine Division's website). This needs to be done only once in a lifetime. If you wish to change or correct your contact information, please contact chandran@purdue.edu.

We request that every member actively recruit new members for the Division so as to achieve our goal of becoming a medium-size division.

We welcome the following new members and thank them for their interest in the Division, and look forward to their active participation in the Division's activities:

Randolph K. Belter, Nicole S. Bennett, Pinaki Bhadury, Letanzio Bragante, Greg Butler, Daniel Chung, Tomoya Fujiwara, Ralf M. Haiges, Paul Hazendonk, Matthew D. Hennek, Qiaosheng Hu, Troy Hughes, Drew Jocque, Hiroki Kamiya, Hong Goon Kim, Ernst C. Koch, Anoop Kumar, Guang-Jin Li, Ying Syi Li, Changqing Lu, Sean M. Mackinnon, Utpal Majumder, Mercedes Marcos, Oana M. Martin, Claude McLure, David F. Miller, Hua Mei, Shinji Mita, Bill A. Moffat, Ryo Mogi, Ijomah Conrad-Newman, Keith Palmer, Ghulam Qadeer, Ding-Quan Qian, B. China Raju, Jyothi Reddy, Vichai Reutrakul, Ruhollah Sharifi, Allen C. Sievert, Sapna Singh, Ying Song, Chad E. Stephens, Kagita V. Suryanarayana, James E. Trunzo, Petrik Vitaliy, Georg R. Wischnath, Philip E. Yeske, Lei Zhang, and De Z. Zhang.

Division Councilor Report, 229th ACS National Meeting

The ACS Council Meeting was held on Wednesday, March 16, 2005 in San Diego, California. In addition to the Council Meeting, I also participated in the Joint Board – Council Committee on Science Meeting on Saturday, March 12, 2005. Detailed below are some points of interest from the Council Meeting.

The Committee on Nominations and Elections presented to the Council the following nominees for

selection as candidates for President-Elect, 2006: Pat N. Confalone, Catherine T. Hunt, John W. Kozarich, and Cynthia A. Maryanoff. Each candidate presented a three-minute speech to the Council. By written ballot, the Council selected Catherine T. Hunt and John W. Kozarich as candidates for 2006 President-Elect. They join George E. Heinze, who was certified as a petition candidate for 2006 President-Elect.

The Committee on Nominations and Elections announced the results of the election of nominees for candidates to represent District III and District VI on the Board of Directors for the term 2006-2008. By written ballot, the Council selected Catherine C. Finselau and Madeline M. Joullie as District III candidates and Bonnie A. Charpentier and Stanley H. Pine as District VI candidates. Ballots will be mailed on or before October 10 to all members in District III and District VI for election of a Director for each District.

James D. Burke, Edwin A. Chandross, C. Gordon McCarthy, and Frankie Wood-Black were announced as the candidates for Directors-at-Large for a 2006-2008 term. The election of two Directors-at-Large will be conducted in the fall.

As part of a regular review, the Council voted to continue the Committee on Project SEED. The Committee on Project SEED oversees the Society's summer educational experience for disadvantaged youth.

The Committee on Committees presented to Council a proposal for establishing a Committee on Ethics as an Other Committee of the Council. A lively debate ensued on the necessity of establishing this Committee. After defeating a motion to assign the proposed duties of the Committee to the Committee on Economic and Professional Affairs, the Council voted to establish a Committee on Ethics as an Other Committee of the Council.

The ACS Spring National Meeting attracted 15,385 registrants.

Membership in the ACS was 158,127 as of year-end 2004. This represents less than a 1% decrease. In 2004, more than 13,000 new members were added to the rolls.

The Committee on Nominations and Elections withdrew a petition on election procedures. The Committee plans to offer additional changes to the Society's election procedures and introduce a new petition at the fall meeting.

ACS President William F. Carroll presented an overview of Chemistry Enterprise 2015, posing the questions, "Where will our students come from in the next ten years?", and "Where will they go?" A lively discussion followed. This topic will be amplified in Presidential Events at the Washington ACS Meeting.

The Council voted to set the members dues for 2006 at the fully escalated rate of \$127. In addition, a \$5 temporary assessment for 2006 will be added to the dues. The scheduled temporary assessment was \$6, but was decreased to \$5 by the Board of Directors, in light of the Society's strong financial performance in 2004.

The Board voted to approve the appointment of an editor for a new Society journal, "ACS Chemical Biology", scheduled to debut in 2006.

The Board of Directors voted to support the creation of a Joint Board – Council Policy Committee Task Force on Governance Review, with the charge to conduct a review of all Society’s governance structure and Constitution and Bylaws to ensure that the Society has a governing framework to enable it to best fulfill its mission, meet member needs, and remain a world-class organization.

Vice Chair Programs Report

17th Winter Fluorine Conference, St. Pete Beach, Florida, January 9-14, 2005

The 17th Winter Fluorine Conference (Surya Prakash, Chair and Viacheslav Petrov, Co-chair) was a great success, which clearly affirmed the theme: **“Ubiquitous Fluorine: From Materials to Medicine”**. Special symposia on **“Role of Fluorine in Medicine”** and **“Industrial Fluorine Chemistry”** were particularly well-received. A tutorial, **“Fluorine in Drug Design”**, by Dr. J. McCarthy of Eli Lilly and Co., was very informative. Sixteen Plenary Lectures, 53 invited/contributed papers, and 47 posters covering the interdisciplinary facets of fluorine chemistry were presented at the meeting. The organizers would like to thank all of the participants, session chairs, and members of the scientific advisory board for their contributions. Student poster presentations were also of high caliber. Joseph A. Cradlebaugh of the University of Florida (mentor: William Dolbier, Jr.) and Kimberly McGrath of the University of Southern California (mentor: Surya Prakash) received the student poster awards sponsored by SynQuest. The 2005 ACS Award for Creative Work in Fluorine Chemistry (sponsored by Honeywell) was awarded to Professor Shlomo Rozen (Tel Aviv University) at the meeting. Professor Rozen gave the award lecture, titled **“F₂ – From Backstage to Central Stage”**. Professor Suzanne T. Purrington received the Division of Fluorine Chemistry Distinguished Service Award. Michele Gandy and Toma Thornhill from the ACS side did an outstanding job with the arrangements. Generous financial support from the industrial sponsors, exhibitors, and the Petroleum Research Fund of the American Chemical Society was greatly appreciated. Furthermore, the Hospitality Suite, sponsored by Oakwood Products, which kept the snacks and liquid refreshments flowing every night of the symposium, made the attendees very happy and cheerful. The symposium abstracts will be posted on the Division website as a pdf file.

On the down side, some international speakers from Russia and the People’s Republic of China could not attend the meeting because of U.S. visa problems.

Upcoming Meetings

230th ACS National Meeting, Washington, DC, August 28–September 1, 2005

Please visit the ACS meeting website for further information: <http://oasys.acs.org/admin.htm>. Professors Vadim Soloshonok (University of Oklahoma) and Koichi Mikami (Tokyo Institute of Technology) will be organizing a two-day symposium titled **“Current Frontiers in Fluoroorganic Chemistry”**. The organizers have lined up more than 20 speakers and have earnestly started the fund raising efforts. The Symposium is co-sponsored by the Division of Medicinal and Organic Chemistry. There will also be a **General Session** for contributed papers at the meeting. Professor Dennis Curran (University of Pittsburgh) has organized the **“Recent Advances in Fluorous Chemistry”** symposium, sponsored by the Division of Organic Chemistry.

Professor Don Burton (University of Iowa), Professor William Dolbier, Jr. (University of Florida), and Dr. Bruce Smart (DuPont) are planning a series of annual colloquia to be held concurrently with ACS National Meetings on **Topics in Fluorine Chemistry**. In addition, the Fluorine Division is expanding

its range of program activities to showcase the interdisciplinary nature of fluorine chemistry. Please send your comments or suggestions to the Vice-Chair/ Programs.

Pacifichem 2005, Honolulu, HI, December 15-20, 2005

Fluorine Division activities will also take place at this international event, so please visit the website http://www.pacifichem.org/c_symposia/. A symposium titled “*Fluorine-Containing Amino Acids – Their Preparation and Application in Biological Systems*” has been arranged under the leadership of Professors Takashi Yamazaki (Japan), John Welch (USA) and John F. Honek (Canada).

A symposium titled “*Inorganic Fluorine Chemistry: Bridging Fundamental and Applied Chemistry*” will take place under the leadership of Professors Gary J. Schrobilgen (McMaster University) and Rika Hagiwara (Kyoto University), and Dr. William J. Casteel, Jr. (Air Products and Chemicals, Inc., Allentown).

The Division expresses gratitude to all of the organizers.

**INTERNATIONAL MEETINGS OF INTEREST TO MEMBERS OF THE
ACS FLUORINE DIVISION**

17th INTERNATIONAL SYMPOSIUM ON FLUORINE CHEMISTRY

July 24-29, 2005, Shanghai, China

Organizer: Professor Feng-Ling Qing (fluorine@mail.sioc.ac.cn)
Secretary General of 17th ISFC, Shanghai Institute of Organic Chemistry
Chinese Academy of Sciences, 354 Fenglin Lu, Shanghai 200032, China
17th ISFC homepage: <http://www.sioc.ac.cn/ISFC>

18th INTERNATIONAL SYMPOSIUM ON FLUORINE CHEMISTRY

July 30 - August 4, 2006, Bremen, Germany

Organizers: Prof. Rüdiger Mews (mews@chemie.uni-bremen.de)
Prof. Gerd-Volker Roeschenthaler (gvr@chemie.uni-bremen.de)
Institute of Inorganic & Physical Chemistry, University of Bremen
P. O. Box 330440, 28334 Bremen, Germany
Tel. +49(0)421-218-2493 (office)

THANK YOU SHIRLEY F. HIRSCHER!

A Very Big Thank You to **Shirley F. Hirschel**, Air Products and Chemicals, Inc., for all of her help and hard work in support of the ACS Division of Fluorine Chemistry over the past 6 years. Shirley was, until recently, the administrative assistant supporting the Fluorine Technology Center group that included Bob Syvret. Over the past 6 years, Shirley voluntarily acted as the Fluorine Division’s administrative assistant and was responsible for type-setting, formatting, and print production of all the Division’s newsletters. Most recently, Shirley spent an extraordinary amount of time meticulously formatting and producing the 2005 Membership Directory. Shirley recently moved to another group within Air Products to advance her career. We will sadly miss her extraordinary organizational skills and the professionalism that she adds to every piece of work she produces.

AMERICAN CHEMICAL SOCIETY: DIVISION OF FLUORINE CHEMISTRY

NEW MEMBERSHIP APPLICATION **(Please check box or boxes)**
RENEWAL
CHANGE OF ADDRESS

NAME: _____
(Dr. / Mr. / Mrs. / Ms.)

EMPLOYER: _____

ADDRESS: _____

BUSINESS PHONE: _____ FAX: _____

HOME PHONE: _____ E-MAIL: _____

(By signing this form you agree that any information included above can be published, either electronically or in print, in the division's directory which is sent to all members.)

YES NO

CURRENT MEMBER OF ACS? _____ _____

ACS MEMBERSHIP NUMBER: _____

CURRENT MEMBER OF DIVISION OF FLUORINE CHEMISTRY? _____ _____

(NEW MEMBERS OF THE FLUORINE DIVISION WILL HAVE THEIR DUES WAIVED FOR THE FIRST YEAR ONLY. THE RENEWAL DUES FOR 2005 ARE \$10.00 FOR ACS MEMBERS; \$17.00 FOR NON-ACS MEMBERS.)

FOREIGN MEMBERS: PLEASE BE SURE THAT YOUR CHECK IS IN U.S. DOLLARS DRAWN ON A U.S. BANK. THE SECRETARY-TREASURER WILL ACCEPT U.S. CURRENCY, AT YOUR RISK, OR CREDIT CARD CHARGES IN LIEU OF A CHECK.

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Purdue University
Department of Chemistry
560 Oval Drive
West Lafayette, IN 47907-2084
FAX: (765) 494-0239



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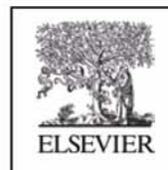
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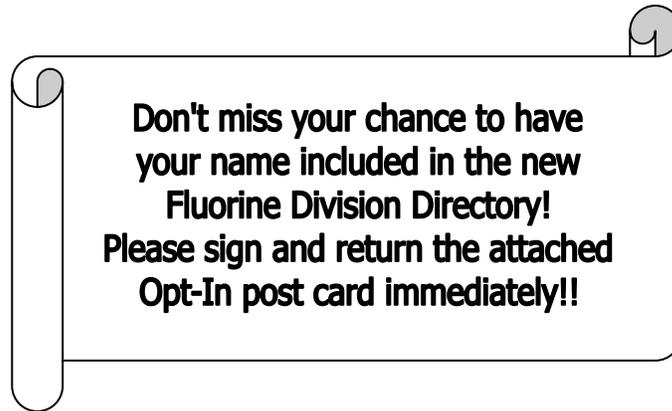
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**Don't miss your chance to have
your name included in the new
Fluorine Division Directory!
Please sign and return the attached
Opt-In post card immediately!!**

In an effort to assist the Fluorine Division in the important endeavor of the publication of its membership directory, we are asking you to indicate your desire to be included in such a directory. To protect both your professional and personal privacy, you will be included in this directory **only** if you so indicate on the **post card attached to this Newsletter or through the Opt-In Form posted on the Fluorine Division's website.**

No response from you will be considered a "no". **Members who have already responded to this question need not return this form.** If you are not sure whether or not you have previously provided your consent to be included in the membership directory, please fill in and return this post card anyway.

Directory information will be limited to your name, preferred address (work or home), city, state, postal code, e-mail address and work phone number (or home phone number if no work number is available and no objection to the use of this number is raised by the member). These directories will be made available only to current members of the Fluorine Division who choose to participate in the program.