



# Division of Organic Chemistry

American Chemical Society

Fall 2009

Office of the Secretary-Treasurer  
Department of Chemistry  
University of Pennsylvania  
Philadelphia, PA 19104-6323  
Phone: 215-573-1246  
Fax: 215-573-2112  
e-mail: [orgdiv@sas.upenn.edu](mailto:orgdiv@sas.upenn.edu)

#### Executive Committee Members, 2009-10

Lisa McElwee-White, Chair  
Robert Volkmann, Past Chair  
P. Andrew Evans, Chair-Elect  
Gary Molander, Secretary/Treasurer  
Marisa Kozlowski, Secretary/Treasurer-Elect  
Scott McN.Sieburth, Program Chair  
Ahmed F. Abdel-Magid, Program Chair-Elect  
William Greenlee, NOS Exec. Officer 2011  
Franklin A. Davis, Regional Meeting Liason

#### Members at Large

Shelli R. Alpine  
Mary K. Boyd  
Franklin A. Davis  
Miguel A. Garcia-Garibay  
Kelly George  
Robert B. Grossman  
Molly E. Hoke  
Robert D. Larsen  
Cynthia A. Maryanoff  
John L. Wood

#### Councilors

Michael P. Doyle  
Donna M. Huryn  
Barry Snider  
Christopher J. Welch

#### Alternate Councilors

Huw M. L. Davies  
Mark D. Distefano  
Robert J. McMahon  
Lawrence T. Scott

Current information about the Division is always available on the web at <http://organicdivision.org> Webmaster: Brian Myers

You are invited to attend National meetings of the ACS and present contributed papers (oral or poster). Instructions for submission of papers are near the end of this letter in the section entitled "Information for Submission of a Paper or Poster." Please read them carefully. Submissions should arrive by the indicated deadline for each meeting, which is published in the membership newsletter and C&E News (January and July) and posted on the ACS Website: <http://www.chemcenter.org/>. Members also are encouraged to submit brief proposals to the National Program Chair for contributed symposia at future National ACS meetings. Contact: Scott McN. Sieburth, Department of Chemistry, Temple University, Beury Hall 2001, 1901 N. 13<sup>th</sup> St. Philadelphia, PA 19122, Tel: 215-204-7916, Fax: 215-204-1532, email: [scott.sieburth@temple.edu](mailto:scott.sieburth@temple.edu)

#### AWARDS

ACS Awards to be presented in San Francisco  
March 21-25, 2010

ACS Award for Creative Work in Synthetic Organic  
Chemistry sponsored by Aldrich Chemical Company, Inc.,  
Ei-ichi Negishi, Purdue University.

ACS Award in Pure Chemistry sponsored by the Alpha Chi  
Sigma Fraternity and the Alpha Chi Sigma Educational

Foundation, Phillippe S. Baran, The Scripps Research  
Institute.

Elias J. Corey Award for Outstanding Original  
Contribution in Organic Synthesis by a Young  
Investigator sponsored by the Pfizer Endowment Fund,  
Mohammad Movassaghi, Massachusetts Institute of  
Technology.

Ernest Guenther Award in the Chemistry of Natural  
Products sponsored by Givaudan, Michael T. Crimmins,  
University of North Carolina at Chapel Hill.

**Herbert C. Brown Award for Creative Research in Synthetic Methods** sponsored by Purdue Borane Research Fund and the Herbert C. Brown Award Endowment, Larry E. Overman, University of California, Irvine.

**James Flack Norris Award in Physical Organic Chemistry** sponsored by the ACS Northeastern Section, John E. Baldwin, Syracuse University.

**ACS Awards to be presented in Boston August 12-26, 2010**

**Arthur C. Cope Award** Sponsored by Arthur C. Cope Fund, Kendall N. Houk, University of California, Los Angeles

**Arthur C. Cope Scholar Awards**, Sponsored by Arthur C. Cope Fund.

Helen E. Blackwell, University of Wisconsin, Madison  
Christopher J. Chang, UC, Berkeley  
John A. Gerlt, University of Illinois, Urbana-Champaign  
Arun K. Ghosh, Purdue University  
Jeffrey Johnson, University of North Carolina, Chapel Hill  
Robert A. Moss, Rutgers State University. NJ  
Eiichi Nakamura, University of Tokyo, Japan.  
Matthew S. Sigman, University of Utah.  
Alice Y. Ting, Massachusetts Institute of Technology.  
Maria-Christina White, University of Illinois, Urbana-Champaign.

#### **Edward Leete Award Winner**

We are pleased to announce that the winner of the 2009 Edward Leete Award is **Madeleine Joullie** of the University of Pennsylvania. This award recognizes her outstanding contributions to teaching and research in Organic Chemistry. Madeleine was honored by the Division at the 238th National ACS Meeting in Washington, DC.

#### **Division of Organic Chemistry Members Elected ACS Fellows**

Ahmed Abdel-Magid, Robert Boeckman, Weston Borden, Ronald Breslow, Charles Buchanan, Charles Casey, Melanie Cooper, Debbie Crans, Dennis Curran, Huw Davies, Franklin Davis, Scott Denmark, Michael Doyle, Kevin Edgar, Jacquelyn Gervay-Hague, John Gladysz, William Greenlee, Robert Grubbs, M. Frederick Hawthorne, Stephen Hecht, Ned Heindel, Kendall Houk, Carl Johnson, William Jorgensen, Madeleine Joullie, Eusebio Juaristi, Robert Lichter, Richard Loeppky, Bruce Maryanoff, Cynthia Maryanoff, Elizabeth Nalley, George Olah, Kathlyn Parker, C. Dale Poulter, John D. Roberts, William Roush, James Shoffner, Amos Smith, Victor Snieckus, E. Thomas Strom, Robert Volkmann, George Whitesides, Steven Zimmerman

#### **2009-10 Div. of Organic Chemistry Graduate Fellowships**

Graduate fellowships in the amount of \$26,000 each have been awarded to:

**Judy Chen**, Columbia University  
Organic Syntheses/Organic Reactions Fellow  
Nicholas Turro, Faculty Advisor  
**Alison Donnelly**, University of Kansas  
Roche Fellow  
Brian Blagg, Faculty Advisor  
**Brett Fors**, MIT  
Boehringer Ingelheim Fellow  
Stephen Buchwald, Faculty Advisor  
**Stephen Lathrop**, Colorado State University  
Sanofi Aventis Fellow  
Tom Rovis, Faculty Advisor  
**Jeremy Lenhardt**, Duke University  
Schering Plough Fellow  
Stephen Craig, Faculty Advisor  
**Connor Martin**, UC, Irvine  
Amgen Fellow  
Larry Overman, Faculty Advisor  
**Jason Schmink**, University of Connecticut  
GlaxoSmithKline Fellow  
Nicholas Leadbeater, Faculty Advisor  
**Ellen Sletten**, UC Berkeley  
Genentech Fellow  
Carolyn Bertozzi, Faculty Advisor  
**Kara Stowers**, University of Michigan  
Eli Lilly Fellow  
Melanie Sanford, Faculty Advisor  
**Kathy Woody**, Georgia Institute of Technology  
Organic Reactions/Nelson Leonard Fellowship  
David Collard, Faculty Advisor  
**Joann Um**, UCLA  
Novartis Fellow  
Kenneth Houk, Faculty Advisor

**Information about 2010-2011 fellowships will be available at <http://organicdivision.org/fellowships.html>**

#### **Undergraduate Research Fellowship (SURF) Awardees**

**Valerie Angell**, Union College  
Organic Division, ACS  
James Adrian, Mentor  
**Joseph Michael Azzarelli**, Stanford University  
Symyx Technologies, Inc.  
Barry Trost, Mentor  
**Ross W. Cheloha**, University of Nebraska  
American Chemical Society  
David Berkowitz, Mentor  
**Andrew Chung**, Harvey Mudd College  
Organic Division, ACS  
David Vosburg, Mentor  
**Rachel Dorset**, Smith College  
Sepracor Inc.  
Kevin Shea, Mentor  
**Nathaniel Erskine**, Swarthmore College  
Organic Division ACS  
Robert Paley, Mentor  
**Reid M. Faylor**, Xavier University  
Organic Division ACS

Richard Mullins, Mentor  
**Michelle Grau**, UCSD  
Pfizer Inc.  
Debbie Tahmassebi, Mentor  
**Joshua Green**, Harvard University  
Cubist Pharmaceuticals  
Tobias Ritter, Mentor  
**Jonathan James Hulce**, University of Vermont  
Pfizer Inc.  
Paul Krapcho, Mentor  
**Lauren E. Kennedy**, University of Pennsylvania  
Wyeth Research  
Gary Molander, Mentor  
**Cameron Moore**, Western Washington University  
American Chemical Society  
Timothy Clark, Mentor  
**Joseph Nagano-Gerace**, Brown University  
Pfizer Inc.  
Christopher Seto, Mentor  
**Andy I. Nguyen**, UC, Irvine,  
Pfizer Inc.  
Alan Heyduk, Mentor  
**Shreyas Shah**, Rutgers University  
Organic Division ACS  
Ki-Bum Lee, Mentor  
**Shannon Stone**, Brown University  
Novartis  
Amit Basu, Mentor

Additional information is available at  
<http://organicdivision.org/SURFprogram.html>

#### **Travel Awards - Salt Lake City**

##### **Student Travel Awards**

Jiayue Cui, University of Chicago  
Maria Destandes, Case Western Reserve  
Suprio Majumder, Michigan State University  
Mark Rubinshtein, UC, San Diego  
Lynette Smyth, University of London Cancer Institute  
Craig Stivala, UC Santa Barbara

##### **Faculty Travel Awards**

Narayan Bhat, University of Texas-Pan American  
Jeffrey Byers, Middlebury College

#### **Travel Awards – Washington, DC**

##### **Student Travel Awards**

Kristen Adams-Barrett, University of Sciences, Philadelphia  
Juan Chen, University of Louisville  
Carla Counciller, Ohio State University  
Ampofo Darko, University of Florida  
Ozlem Dilek, SUNY, Binghamton  
Guangbin Dong, Stanford University  
Maher Fathalla, Tulane University  
Olga Griffith, University of Arizona  
Sudath Hapuarachchi, New Mexico State University  
Huan Liang, University of British Columbia  
Yuan Liu, Scripps, UCSD  
Liang Luo, SUNY  
Angela Puchlopek, Yale University  
Jason Schmink, University of Conn

Polina Smith, University of Washington  
Atsuhiko Taniguchi, Kyoto Pharmaceutical University  
**Faculty Travel Awards**  
Christina Collison, Rochester Inst. of Technology  
Bilal Kaafarani, American University of Beirut  
Massamiliano Lamberto, Monmouth University  
Justin Miller, Hobart and Wm. Smith Colleges

#### **UPCOMING MEETINGS**

##### **The 239th National Meeting of the American Chemical Society, San Francisco, Date: March 21-25.**

Meeting Theme is “Chemistry for a Sustainable World.”

##### **Contributed Symposia:**

“Green Chemistry: Industrial Research Needs and Academic Mentoring”

##### **The 240th National Meeting of the American Chemical Society, Boston, MA, Date: August 12-26.**

Meeting Theme is “Chemistry for Preventing and Fighting Disease.”

##### **Contributed Symposia:**

“Robert Burns Woodward Memorial Symposium”  
“Journal of Organic Chemistry 75th Anniversary Symposium”  
“The Role of Organic Synthesis in Early Clinical Drug Development”

#### **Other Organic Chemistry Meetings**

##### **NOS 2011**

The 42<sup>nd</sup> *National Organic Chemistry Symposium* will be at Princeton University on June 5-9, 2011. Additional information will be available after October 1.

Speakers: TBA

**The 33rd Reaction Mechanisms Conference** will be held June 23 - 26, 2010, at the University of Massachusetts, Amherst. Begun in 1946 and held on years alternating with the National Organic Symposium, these conferences focus broadly on all aspects of mechanistic chemistry. See <http://www.chem.umass.edu/~rmc2010> for details.

##### **PACIFICHEM**

Honolulu, Hawaii, USA, December 15-20, 2010. Website:  
<http://www.pacificchem.org/>

**Inaugural Symposium: Advances In Chemical Sciences "Bench to Pilot Plant" Symposium** sponsored by NESACS and RSC-US.

**Date/Location:** October 23, 2009, Cambridge, MA

For information about attending the National meeting see the ACS meeting web site at: <http://www.acs.org/meetings>

## ANNOUNCEMENTS

**ORGN Archives.** The Organic Division Executive Committee recently reached an agreement with the Chemical Heritage Foundation (CHF) to preserve the Division of Organic Chemistry archives. The early records of the division from 1935 to 1985 were carefully preserved by Walt Trahanovsky, who was secretary-treasurer and program chair from 1981-1985. These files were recently transferred to CHF. Among these files was a letter written by Ralph Shriner in 1939 stating, "the by-laws were approved in 1909, but no one seems to know very much about what happened in the division prior to 1935." We don't want that situation to be repeated. Therefore, if you feel that you have records or papers that might be included in the ORGN archives, please contact the secretary-treasurer. Eventually, we hope to list the items in the archives on this website.

### Call for Nominations

**The 2010 Technical Achievement in Organic Chemistry Awards** nomination deadline is December 31<sup>st</sup> 2009. For more information: <http://www.organicdivision.org>

### 2010 Paul G. Gassman Distinguished Service Award

Purpose: To recognize outstanding contributions to teaching and research in organic chemistry.

Teaching should be considered in the broadest sense, including of professional chemists, the dissemination of information about chemistry to prospective chemists, to members of the profession, to students in other areas and to the general public. A nominee must also have accomplished outstanding creative work in any area of organic chemistry. Nominations should emphasize both the nominee's teaching and research contributions. Five copies of the nomination document, supporting materials, and seconding letters (up to five) should be sent to: Dr. Marisa Kozlowski, Secretary/Treasurer, Division of Organic Chemistry, Department of Chemistry, University of Pennsylvania, 231 South 34th Street, Philadelphia, PA. 19104-6323.

Deadline: All nominations must be received by April 1, 2010

**Young Organic Chemists Symposium (YOCS).** The Division of Organic Chemistry will organize a two-day Young Organic Chemists Symposium for 50-100 organic chemistry graduate students to be held late summer, 2010. Student and invited speaker seminars, student posters, and round-table discussions with experts from all walks of the profession will provide a stimulating and rewarding experience for participants. Eligibility will be restricted to those students completing their fourth year of graduate study at the time of the Symposium, and attendees must be Division of Organic Chemistry members. Departments may nominate up to five individuals, taking into account diversity within their Department. Participants will be selected from these nominees by the Chair and Co-Chair of the Symposium on the basis of a resume and synopsis of research accomplished with due consideration of diversity. No more than 1 person per group

and 2 people per institution for the first 50 and then up to 1 extra student per institution for every additional 25 participants may attend. DOC Fellowship winners are eligible, but will only be allowed to give a poster and/or a flash presentation. The Symposium will be held at a location to be announced, and application forms will appear soon on the Division of Organic Chemistry website.

### Information for Submission of a Paper or Poster at an ACS meeting in an Organic Division Session

#### Call for Papers for the 239<sup>th</sup> ACS National Meeting

**Date/Location: San Francisco, California**

**Abstracts Due Online: October 19, 2009**

Submit abstracts using the Online Abstract Submittal System PACS at <http://abstracts.acs.org>

**Extended abstracts are no longer required.**

If you do not have web access contact  
Dr. Scott McN. Sieburth  
([scott.sieburth@temple.edu](mailto:scott.sieburth@temple.edu)) program chair, before the posted  
deadline. See <http://www.organicdivision.org/meetings.html>

Scott McN. Sieburth  
Department of Chemistry  
Temple University  
Beury Hall 2001  
1901 N. 13<sup>th</sup> St.  
Philadelphia, PA 19122  
Tel: 215-204-7916, Fax: 215-204-1532  
email: [scott.sieburth@temple.edu](mailto:scott.sieburth@temple.edu)

### Notes to authors who wish to submit a paper for an ACS meeting in one of the Organic Division Sponsored sessions:

1. Log into PACS <http://abstracts.acs.org/> with your User Name and Password.
2. Note the Document ID number in the upper left hand corner. In the PACS system, institution information is entered and saved first, followed by the names of the authors, who are then linked to the appropriate institution.
3. For the abstract text, bold face, italics, superscript and subscript, and special characters can be entered directly using buttons at the bottom of the text box. Figures and Tables can now be entered directly into the abstract. To do so, be sure to include the codes "[figure 1]" or "[table 1]" in the text where the images should appear.
4. Figures can now take the form of png, jpeg, jpg, gif, bmp or pict files.
5. Tables are created within the PACS system, by specifying the number of rows and columns.
6. Note that you will be asked about Preprints. These are not part of the Organic Division program and should be ignored.
7. When all data has been added, a final screen will list all of the input and show the submitted text, figures and tables.
8. Abstracts can be edited up to the submission deadline.

## MEMBERSHIP

Join over 17,000 fellow scientists bound by a strong interest in organic chemistry. Maintain current awareness in your profession. Elevate your professional profile - become a member of the Organic Division!

To join the Division of Organic Chemistry download the application:

<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html.DOC=divisionsindex.html>

### *Benefits of Membership*

1) You will receive information about divisional and joint programs at National ACS Meetings, invitation to present papers/posters at these meetings, deadlines for paper submissions, and other meetings of interest.

"Separates" of ORGN abstracts from 2006 to the present are still available to Division members as PDF files that can be downloaded. To access these you will need to go to the ACS home page <http://www.acs.org> and log in as indicated in the upper right of the page. If you do not have an account you can easily create one. You will need your ACS membership number, which is printed in the upper left hand corner of your C&EN label. When you log in, you will see a link to web pages for all the technical divisions that you belong to. Clicking on Organic Division will lead you to an ACS web page that provides you links to (1) download Separates as PDF files and (2) download the ChemKey database with 120,000 references searchable by author and key word. These are accessible to ORGN Division members only through the ACS login system, not to the public from the division web page <http://organicdivision.org>

### 3) ChemKey

The Organic Division and Professor Al Padwa from Emory University have arranged for all organic division members to have the Padwa ChemKey program free of charge. ChemKey was reviewed by JACS in 2007. If you or your institution subscribe, you can download the review from <http://dx.doi.org/10.1021/ja076956s>. Quoting the review, "ChemKey Search Database is a compilation by Albert Padwa and co-workers of 115,000 literature references covering organic synthesis, methodology, heterocycles, reactive intermediates, asymmetric synthesis, theory, and more. In summary, ChemKey Search Database is simple and fast to use, does not require an expensive subscription to an on-line database, and exists right on one's desktop computer. Its primary benefit is the rapid retrieval of key literature entry points for a given subject or author. "It is often faster to get key references from ChemKey than from SciFinder because the completeness of SciFinder leads to the incorporation of many unimportant references. Each year we hope to update the Chemkey database by 5,000 new references which will also be made available to the Organic ACS membership for free.

Both Mac and PC versions are available. To obtain download information, you will need to log in at <http://portal.acs.org/portal/acs/corg/content>. If haven't done so before, create an account. You will need your membership number, which is on the upper left of your C&EN mailing label. The ACS system knows what divisions you belong to and you will see a link to the Organic Division sub portal. Click on this link and you will be on a page with a link to ChemKey and Separates of National ACS Meetings. From the ChemKey page, you can choose the option that is right for your computer. It takes less than three minutes to download the program and get it installed on your computer. More complete installation instructions are given on the ACS ChemKey page .

### 4) Organic Reactions Volumes

Current and back issues of *Organic Reactions* are available. For forms see: <http://www.organicdivision.org/orgreact.html>

5) Competitive travel awards in the amount of \$600 are available to graduate students and faculty at predominantly undergraduate institutions to present papers at National ACS meetings. See [http://organicdivision.org/travel\\_awards.html](http://organicdivision.org/travel_awards.html).

6) Through the process of nomination, you can participate in selection of speakers at the National Organic Symposia.

7) Through yearly input by nomination, you can assist in selecting the Officers of the Division.

8) By further individual or group involvement, you can contribute to enhancing the stature of the field of organic chemistry within and outside of the ACS.

### 9) Book Discounts

A Book Discount of 30% is now available for members of the Division of Organic Chemistry from Oxford University Press on ACS titles. You can connect to their site at: <http://www.oup.com/us/acs>

A 20% Book Discount is available from Wiley on all books for members of the Division. Go to [wiley.com](http://wiley.com) and select the books you wish to purchase. At the checkout stage enter the promo code: REACT. This will reduce the book prices that you have selected by 20%.

**RSS News Feeds:** ACS and the Division of Organic Chemistry have RSS (Really Simple Syndication) news feeds for ASAP journal article abstracts and news related to the division. You can learn more about this technology by visiting [http://organicdivision.org/DOC\\_RSS.html](http://organicdivision.org/DOC_RSS.html)