



DIVISION OF BIOLOGICAL CHEMISTRY AMERICAN CHEMICAL SOCIETY

NEWSLETTER

<http://www.divbiolchem.org/>

Secretary: N. G. J. Richards

June 2015

Message from the Chair Dewey McCafferty

Thank you for the opportunity to serve you as Chair of the Division of Biological Chemistry of the American Chemical Society. I am honored to have the opportunity to carry out the BIOL Division's mission to promote research, education, and professional development of its members.

Over the past decade, our division has greatly benefitted from the work of many exceptional colleagues. I wish to thank our immediate past Chair Hung-wen (Ben) Liu for his leadership of the division over the past two years. I also wish to thank the officers, committee members and councilors that are leaving us this year for their service to the division. In 2015, we are happy to welcome several newly elected officers and committee members. I am happy to announce that Craig Townsend will serve as two-year Chair of the division starting in 2017, and after serving a two-year term as Chair-Elect. Nigel Richards will continue to serve as Secretary, and Chris Whitman was re-elected as Treasurer. Following the outstanding job that Tom Wandless, Sheila David, and Virginia Cornish performed as Program Chairs over the past three years, our new program committee is made up of an equally impressive group that includes Craig Crews (Committee Chair, 2015), Vahe Bandarian (Committee Chair 2016), and Liz Hedstrom (Committee Chair 2017). Craig and Vahe developed an exciting schedule of BIOL programming for the Spring ACS meeting in Denver, and have maintained the same high standard for the symposia in the upcoming Fall ACS meeting in Boston. Councilors play an important role in ACS governance, and our division continues to be very well represented! This year our Councilors are Wendy Kelly, Tom Magliery, Christine Chow, and Erin Carlson and our alternate Councilors are Karen Buchmueller,

Webster Santos, Aimin Liu, and David Tierney. In addition, I am very happy that Anna Mapp, Carol Fierke, James Petersson, and Eugene Mueller are serving as members of the BIOL Division's Advisory Committee. Scott Silverman, Coran Watanabe, and now Christine Hrycyna, are the members of the Nominating Committee. Given the growing interdisciplinary nature of science, it is also wonderful to have Yi Tang join us as our representative for the ACS Multidisciplinary Program Planning Group (MPPG). And last but not least, Paul Thomas and Neil Kelleher deserve many accolades for their work in maintaining our divisional web presence. Since the BIOL website was created, it has been a key mechanism for communicating information to members of our division.

I wish to congratulate several BIOL members that have been recognized for their outstanding research accomplishments. Professor Joan A. Steitz from Yale University is the recipient of the 2015 *Biopolymers* Murray Goodman Memorial Prize in recognition of her seminal contributions in the area of RNA structure and function. Professor Kevan Shokat from UCSF is the recipient of the 2015 *ACS Chemical Biology* Lectureship in recognition of his work to develop chemical methods for investigating cellular signal transduction pathways, with a particular focus on protein kinases, lipid kinases, and GTPases. Professor Frank M. Raushel from Texas A&M is the recipient of the 2015 Gordon Hammes *ACS Biochemistry* Lectureship in recognition of his contributions toward understanding the mechanistic and structural constraints that govern enzyme catalysis and substrate recognition. Professor Minkui Luo of Memorial Sloan-Kettering Cancer Center is the 2015 recipient of the division's Eli Lilly Award in Biological Chemistry, in recognition of his highly creative contributions

in applying chemical tools to understanding the biology of protein methyl transferases. Professor Douglas A. Mitchell of the University of Illinois is the recipient of the division's 2015 Pfizer Award in Enzyme Chemistry, which recognizes his outstanding work on the biosynthetic construction, structure, and mechanism of action of non-ribosomally produced natural products that are adorned with oxazole and thiazole heterocycles. Professor John S. Blanchard of Albert Einstein College of Medicine, and a former BIOL Division chair, is the recipient of the division's 2015 Repligen Award in Chemistry of Biological Processes. He is recognized for seminal contributions to understanding *Mycobacterium tuberculosis* enzyme reaction mechanisms, antibiotic drug resistance mechanisms, and the development of novel therapeutics to combat multidrug-resistant Mtb infections.

As you know, members of the BIOL Division use the principles of chemistry to assist in the development of a deeper understanding of biological phenomena. We strive to facilitate this mission by providing several mechanisms of support for our members: organizing symposia at national and international meetings; providing grants to support international, national, regional and local scientific conferences with focused themes of interest to our members; offering travel awards to allow trainees to present their results at these meetings; recognizing the exceptional scientific contributions of our members in biological chemistry by administering a program of awards; increasing awareness of diversity in science; fostering interdivisional social and technical programming interactions; linking members to professional development programs within the ACS; identifying emerging members' needs and developing new ways for the division to meet these needs.

Along these lines, there have been several accomplishments worth noting that benefit our

members. Over the past five years, support for regional and local meetings and symposia has been steadily increased, as have the number of travel grants awarded to trainees to attend the ACS meeting and present their research. Support for new investigators, graduate students, and postdoctoral trainees has been extended through the introduction of designated symposia at the ACS national meetings for young investigators and by the introduction of regular symposia composed of oral presentations from graduate and postdoctoral students. In addition, to increase opportunities for very recent scientific advances to be presented, we have introduced symposia composed of short-format talks on breakthroughs in biological chemistry. The number of poster applications has also risen dramatically, reflecting the growing impact of chemistry and mechanism in biology. To support this important means of communicating science and fostering social interaction networks, poster presentations have been catered and scheduled to immediately follow the conclusion of the afternoon symposia to ensure that they are maximally attended.

Already the BIOL Division leadership is developing a new strategic plan for the division, a process that has already been initiated by a recent modernizing of our by-laws. We wish to continue to build membership in our division, to utilize our resources in meeting support and in scientific programming to support our members' interests in biological chemistry, to continue to support diversity in science, and to foster interdivisional interactions between BIOL and other ACS divisions to support members' growing interests in interdisciplinary scientific research.

I welcome your ideas and participation in the BIOL Division. I look forward to seeing you in Boston.

Best wishes,
Dewey McCafferty

CALL FOR NOMINATIONS

Division of Biological Chemistry Awards for 2015

Nominations are requested for the Eli Lilly Award in Biological Chemistry, the Pfizer Award in

Enzyme Chemistry, and the Repligen Award in Chemistry of Biological Processes.

Eli Lilly Award in Biological Chemistry: Nominees shall have accomplished outstanding research in biological chemistry of unusual merit and independence of thought and originality.

Nominees shall have accomplished outstanding research in biological chemistry of unusual merit and independence of thought and originality. **No more than 10 years shall have passed since the nominee completed his/her last period of postdoctoral training by April 1, 2016**, and shall be actively engaged in the line of research for which the award is made. This prize cannot be made to a person who received another award sponsored by Eli Lilly and Company for the same technical accomplishment.

Prior recipients: Jacqueline Barton (1987), Peter Walter (1988), Michael Cox (1989), George McLendon (1990), Peter Schultz (1991), William DeGrado (1992), Stuart Schreiber (1993), Peter Kim (1994), Jeremy Berg (1995), Gregory Verdine (1996), Alanna Schepartz (1997), John Kuriyan (1998), Chaitan Khosla (1999), Xiaodong Wang (2000), Jennifer Doudna (2001), Kevan Shokat (2002), Andreas Matouschek (2003), Benjamin Cravatt (2004), Dewey McCafferty (2005), Linda Hsieh-Wilson (2006), Anna Mapp (2007), Paul Hergenrother (2008), Scott Silverman (2009), Alice Ting (2010), Nathanael Gray (2011), Christopher Chang (2012), Matt Disney (2013), Yi Tang (2014), and Minkui Luo (2015).

Pfizer Award in Enzyme Chemistry: Nominees shall have accomplished outstanding work in enzyme chemistry where the presence of enzyme action is unequivocally demonstrated. The nominee shall be engaged in noncommercial work **and no more than 12 years shall have passed since they completed their last period of postdoctoral training by April 1, 2016**. This prize cannot be made to a person who received another award sponsored by Pfizer, Inc. for the same technical accomplishment.

Prior recipients: Gregory Petsko (1987), John Kozarich (1988), Kenneth Johnson (1989), James Wells (1990), Ronald Vale (1991), Carl Pabo (1992), Michael Gelb (1993), Donald Hilvert (1994), Gerald Joyce (1995), Andrew Karplus (1996), Daniel Herschlag (1997), Ronald Raines (1998), David Christianson (1999), Eric Kool (2000), Ruma Banerjee (2001), Karin Musier-Forsyth (2002), Dorothy Kern (2003), Wilfred van der Donk (2004), Nicole Sampson (2005), James Berger (2006), Neil Kelleher (2007), Carsten Krebs (2008), Virginia Cornish (2009), Vahe Bandarian (2010), Sarah O'Connor (2011), Jin

Zhang (2012), Kate Carroll (2013), Hening Lin (2014), and Douglas Mitchell (2015).

Repligen Award in Chemistry of Biological Processes: Nominees shall have made outstanding contributions to the understanding of the chemistry of biological processes with particular emphasis on structure, function, and mechanism. There are no restrictions on age or membership affiliation for the Repligen Award.

Prior recipients since 1987: Thomas C. Bruice (1987), Robert Abeles (1988), Stephen Benkovic (1989), Harold Scheraga (1990), William Parson (1991), Frank Westheimer (1992), Jeremy Knowles (1993), Judith Klinman (1994), Wallace Cleland (1995), William Jencks (1996), James Spudich (1997), David Eisenberg (1998), Christopher Walsh (1999), Perry Frey (2000), Rowena Matthews (2001), Dale Poulter (2002), John Gerlt (2003), JoAnne Stubbe (2004), David Cane (2005), Vern Schramm (2006), Michael Marletta (2007), Hung-Wen (Ben) Liu (2008), Frank Raushel (2009), Ron Raines (2010), Richard Armstrong (2011), Carol Fierke (2012), David Christianson (2013), John Lipscomb (2014), and John Blanchard (2015).

The Gordon Hammes Biochemistry Lectureship: This lectureship is administered jointly by the Editor-in-Chief of *Biochemistry*, Richard Armstrong (Vanderbilt), and the ACS Division of Biological Chemistry. The objective of the lectureship is to honor, at an annual ACS meeting, the contributions of an individual who has had a major impact on scientific research at the interface of chemistry and biology particularly in the realm of biochemistry, biological chemistry, and molecular biology. There are no restrictions on age or membership affiliation for the Hammes lectureship, but candidates must have published at least one paper in *Biochemistry*. Prior recipients: William Eaton (2009), Perry Frey (2010), Douglas Turner (2011), Angela Gronenborn (2012), Christopher Walsh (2013), Tom Poulos (2014), and Frank Raushel (2015).

ACS Chemical Biology Lectureship: This annual lectureship will honor the contributions of an individual who has had a major impact on scientific research in the area of chemical biology. The lectureship will be administered jointly by the Editor-in-Chief of *ACS Chemical Biology*, Laura Kiessling (University of Wisconsin, Madison) and

the ACS Division of Biological Chemistry. There are no restrictions on age or membership affiliation, but candidates must have published at least one paper in *ACS Chemical Biology*. Prior recipients: Alanna Schepartz (2010), Stuart Schreiber (2011), Carolyn Bertozzi (2012), Wilfred van der Donk (2013), Peter Dervan (2014), and Kevan Shokat (2015).

For all of these awards, a nominator should send the curriculum vitae of the candidate with a list of publications and a letter explaining the special achievements of the candidate. Additional letters of support for the specific candidate are desirable. Information about the nominating process is also posted at:

<http://www.divbiolchem.org/awards/nominations/>

The Deadline for Receipt of Nomination Materials is June 30, 2015 - *All materials should be sent, preferably by e-mail, to:*

Nigel G. J. Richards
Department of Chemistry & Chemical Biology
IUPUI
402 N. Blackford St., LD 326L
Indianapolis, IN 46202

ngrichar@iupui.edu

Meetings of the Division of Biological Chemistry at the 2015-2016 National Meetings of the American Chemical Society

250th ACS National Meeting, August 16-20, 2015, Boston, MA. Craig Crews, Department of Chemistry, Yale University will serve as the Chair of the Program Committee for this meeting (Craig.Crews@yale.edu).

251st ACS National Meeting, March 13-17, 2016, San Diego, CA. Craig Crews, Department of Chemistry, Yale University will serve as the Chair of the Program Committee for this meeting (Craig.Crews@yale.edu).

252nd ACS National Meeting, August 21-25, 2016, Philadelphia, PA. Vahe Bandarian, Department of Chemistry & Biochemistry,

University of Arizona will serve as the Chair of the Program Committee for this meeting (vahe@email.arizona.edu).

In keeping with our programming at recent national meetings, the BIOL Division will be offering opportunities for graduate student and postdoctoral researchers to deliver short-format invited talks, which will be selected from submitted abstracts. **If a student or postdoc wishes to be considered for an oral presentation, please select this option during the time of submission of the abstract.**

Poster Presentations. Posters will be presented at several sessions during the week of the ACS meeting. The division encourages submission of abstracts for posters. Contributions on topics related to the themes of the organized symposia are particularly encouraged.

Submission of Abstracts. The instructions for submissions of abstracts for poster and oral presentations are given towards the end of this Newsletter.

Travel Awards. The division offers travel awards for graduate students and postdoctoral fellows to attend the 250th ACS National Meeting in Boston, MA from August 16-20, 2015 and the 251st ACS National Meeting in San Diego, CA from March 13-17, 2016. The level of support is \$500, which can be used to offset travel costs and registration fees. Detailed information about these awards is provided later in this Newsletter and on the division website.

2015 Award Symposia

Frank Raushel (Texas A&M) was selected as the winner of *Biochemistry's* Gordon Hammes award and lectureship, and he will deliver his lecture at the Fall ACS meeting in Boston in August 2015. **Kevan Shokat** (UCSF) was chosen to be the 2015 winner of *ACS Chemical Biology's* lectureship, and he gave his talk at the Spring ACS meeting in Denver in March 2015. **Minkui Luo** (MKSCC) was named the winner of the Eli Lilly Award in Biological Chemistry, **Douglas Mitchell** (Urbana-Champaign) received the Pfizer Award in Enzyme Chemistry, and **John Blanchard** (Albert Einstein COM) was

announced as the winner of the Repligen Award in the Chemistry of Biological Processes. The Lilly, Pfizer, and Repligen award symposia will all take place at the Fall ACS meeting to be held in Boston in August 2015. Details for nominating individuals for the 2016 Lilly, Pfizer and Repligen awards are outlined later in this Newsletter. **Please note the new guidelines that have been put in place for the Lilly and Pfizer awards (see page 2).** More information about the work of these award winners can be found at the following website:

<http://www.divbiolchem.org/awards/recipients>

We would also like to congratulate and recognize **Joan Steitz** (Yale), who has received the 2015 Goodman Award, sponsored by *Biopolymers*. The symposium for this award will be held at the Spring ACS meeting in San Diego in March 2016.

Future National Meetings

253rd ACS National Meeting, April 2-6, 2017, San Francisco, CA. Vahe Bandarian, Department of Chemistry & Biochemistry, University of Arizona will serve as the Chair of the Program Committee for this meeting (vahe@email.arizona.edu).

254th ACS National Meeting, August 20-24, 2017, Washington, DC. Liz Hedstrom, Department of Biology, Brandeis University will serve as the Chair of the Program Committee for this meeting (hedstrom@brandeis.edu).

Regional ACS Meetings

Regional meetings of the American Chemical Society provide young chemists, particularly graduate students and postdoctoral fellows, the opportunity to make professional contacts and hone their presentation skills. The Division of Biological Chemistry encourages its members to participate in the following regional meetings.

Northeast Regional Meeting (NERM)
<http://nerm2015.sites.acs.org/>
June 10-13, 2015, Ithaca, NY

70th Northwest Regional Meeting (NORM)
<http://norm2015.sites.acs.org/>
June 21-24, 2015, Pocatello, ID

50th Midwest Regional Meeting (MWRM)
<http://mwrm2015.sites.acs.org/>
October 21-24, 2015, St. Joseph, MO

67th Southeast Regional Meeting (SERMACS)/
71st Southwestern Regional Meeting (SWRM)
<http://www.2015sermacs-swrn.com/>
November 4-7, 2015, Memphis, TN

Western Regional Meeting (WRM)
<http://www.acswrm.org/>
November 6-8, 2015, San Marcos, CA

Other Meetings of Interest

Bioorganic Chemistry GRC, June 7-12, 2015, Andover, NH. Michelle Arkin, School of Pharmacy, University of California San Francisco, and Violeta L Marin, Abbvie, Inc. will serve as Co-Chairs of this meeting. <http://www.grc.org>

Enzymes, Co-Enzymes and Metabolic Pathways GRC, July 12-17, 2015, Waterville Valley, NH. Giovanni Gadda, Department of Chemistry, Georgia State University, and Mark S. Hixon, Takeda, will serve as Co-Chairs of this meeting. <http://www.grc.org>

35th Midwest Enzyme Chemistry Conference, September 12, 2015, Chicago, IL. Joe Kappock, Department of Biochemistry, Purdue University, and David Minh, Illinois Institute of Technology, will serve as Co-Chairs of this meeting. <http://www.midwestenzyme.org/>

Pacifichem, December 15-20, 2015, Honolulu, HI. <http://www.pacifichem.org/>

Support for Meetings

The Division of Biological Chemistry provides grants to support symposia at ACS Regional meetings and for conferences in research areas of interest to the division membership. **Members interested in applying for support from the Division for a symposium or conference during 2015-2016 should submit an outline for the event as an e-mail attachment to the Treasurer Chris Whitman (whitman@austin.texas.edu).**

These proposals will be reviewed twice a year at the Division's business meetings, which are held during the Spring and Fall ACS national meetings. **The deadlines for receipt of applications are March 1 and August 1 for review at the Spring and Fall meetings, respectively. Unfortunately, due to increased numbers of funding requests, proposals received after a given deadline will only be considered at the business meeting held after the next deadline.** These awards are intended to provide Division members with new forums in which to present their work as well as to support focused conferences in biochemistry and chemical biology. Proposals that are judged not to meet these objectives, such as requests for blanket support of regional ACS meetings, are unlikely to be funded. The Division provided support for the following symposia and meetings held in 2014.

5th Southeast Enzymes Conference. April 5, 2014, Atlanta, GA

247th ACS National Meeting, Graduate Student & Postdoc Reception. March 7-11, 2013, Dallas, TX

R. Bryan Miller Symposium. March 13-14, 2014, Davis, CA

FASEB Conference on Trace Elements in Biology & Medicine. June 1-6, 2014, Steamboat Springs, CO

2014 Bioorganic Chemistry GRC. June 8-13, 2014, Andover, NH

Frontiers in Metallobiochemistry Symposium. June 8-13, 2014, University Park, PA

2014 Iron-Sulfur Enzymes GRC. June 15-20, 2014, Easton, MA

"Protein Dynamics Symposium" at the 69th Northwest Regional Meeting of the ACS (NORM). June 22-25, 2014, Missoula, MT

2014 Enzymes, Coenzymes and Metabolic Pathways GRC. July 13-18, 2014, Waterville Valley Resort, NH

248th ACS National Meeting, Graduate Student & Postdoc Reception. August 19-23, 2014, San Francisco, CA

34th Midwest Enzyme Chemistry Conference. September 27, 2014, Evanston, IL

Travel Awards for 2014

The Division of Biological Chemistry promotes the work of our young talent (students and postdocs) through the award of Travel Grants. The following list contains the names of recipients for travel to the spring ACS meeting in Dallas, TX in March 2014, together with their affiliations and advisors.

Ibtessam Alja'afreh, Department of Chemistry, Western Michigan University (Ramakrishna Guda)

William Aumiller, Department of Chemistry, Penn State University (Christine Keating)

Xun Bao, Department of Chemistry, Wayne State University (Christine Chow)

Elizabeth Jolley, Department of Chemistry, St. Louis University (Brent Znosko)

Tamer Kaoud, College of Pharmacy, University of Texas at Austin (Kevin Dalby)

Ian Kline, Department of Chemistry, Bowdoin College (Danielle Dube)

Sarah Laughlin, Department of Chemistry, Georgia State University (Bing Wang)

Hsiang-Ting Li, Department of Chemistry, Iowa State University (Edward Yu)

Amelia Manlove, Department of Chemistry, UC Davis (Sheila David)

Kritika Mohan, Department of Chemistry, UC Irvine (Greg Weiss)

Charlotte Osborne, Department of Chemistry, UC Irvine (Elizabeth Jarvo)

Pallavi Rajaputra, Department of Pharmaceutical Sciences, University of Oklahoma (Youngjae You)

Sujan Shekhawat, Department of Chemistry, University of Wisconsin-Madison (Eric Strieter)

Liwei Weng, Department of Chemistry, Johns Hopkins University (Marc Greenberg)

Phil Yuen, Department of Chemistry, UC Davis (Sheila David)

Jie Zhou, Department of Chemistry & Biochemistry, University of Maryland College Park (Herman Sintim)

Nicole Schneck, Department of Chemistry & Biochemistry, University of Maryland College Park (Sang Bok Lee)

The following list contains the names of recipients for travel to the Fall ACS meeting in San Francisco, CA in September 2014, together with their affiliations and advisors.

Mark Boerneke, Department of Chemistry & Biochemistry, UC San Diego (Thomas Hermann)

Francesca Bryden, Department of Chemistry, University of Hull (UK) (Ross Boyle)

Laura Cesa, Life Sciences Institute, University of Michigan (Anna Mapp/Jason Gestwicki)

Yun Ding, Department of Chemistry, University of Utah (Cynthia Burrows)

Amy Ehrenworth, School of Chemistry & Biochemistry, Georgia Institute of Technology (Pamela Peralta-Yahya)

Maria Flores, Department of Chemistry & Biochemistry, Cal State Los Angeles

Adam Friedman, School of Pharmacy, University of North Carolina-Chapel Hill (Rihe Liu)

Soumyashree Gangopadhyay, Department of Chemistry, Syracuse University (James Hougland)

Raghuvaran Iyer, Department of Chemistry, Syracuse University (Philip Borer)

Ashish Kala, School of Pharmacy, University of Missouri-Kansas City (Simon Friedman)

David Kamber, Department of Chemistry, UC Irvine (Jennifer Prescher)

Ashley Meredith, MSU Chemical Laboratory, Mississippi State University (Darrell Sparks)

Charuta Palsuledesai, Department of Chemistry, University of Minnesota (Mark DiStefano)

Hui-Wen Shih, Department of Chemistry, UC Irvine (Jennifer Prescher)

Candace Williams, Department of Biochemistry, Molecular Biology, Entomology & Plant Pathology, Mississippi State University (Ashli Brown/Darrell Sparks)

Abbey Wilson, Department of Biochemistry, Molecular Biology, Entomology & Plant Pathology, Mississippi State University (Ashli Brown/Darrell Sparks)

Yunqi Yan, Department of Chemistry, University of Washington (David Ginger)

Nominations for Division Positions

The Nominating Committee:

Christine Hrycyna (hrycyna@purdue.edu)

Scott Silverman (sks@illinois.edu)

Coran Watanabe (watanabe@chem.tamu.edu)

encourages nominations for the following division positions in 2016. Please send your suggestions to any committee member by **July 15, 2015**.

Secretary (3 year term)

Program Committee Member (4 year term)

Nominating Committee Member (3 year term)

Advisory Committee Members (Two for 2 year terms)

Program Committee. The 2015-2016 Program Committee Chair, Craig Crews, in consultation with the Program Committee (below), prepares the divisional program for ACS National

meetings. The committee requests suggestions for symposia from Division members.

Vahe Bandarian (vahe@email.arizona.edu)

Virginia Cornish (vc114@columbia.edu)

Craig Crews (Craig.Crews@yale.edu)

Liz Hedstrom (hedstrom@brandeis.edu)

251st ACS National Meeting, March 13-17, 2016 – San Diego, CA

Craig Crews (Craig.Crews@yale.edu) will be the division Program Chair. The call for papers will be posted soon at (<http://www.acs.org/meetings/>). Abstracts for invited talks and poster presentations should be submitted online (<https://acsmaps.abstractcentral.com/members/client/acs.jsp>). This records the abstract in the automated MAPS system that is used to organize this meeting. Please check the deadline for submitting abstracts for the San Diego meeting, after which time the website will be closed to further submissions. Instructions for authors, including procedures for incorporating graphics or equations in the abstract, can be accessed at this website.

Attention students and postdocs! At the Spring 2016 San Diego ACS meeting, the division will again be offering a special scientific session for graduate student and postdoctoral researcher short format invited talks, which will be selected from submitted abstracts. **If a student or postdoc wishes to be considered for an oral presentation, please select this option during the time of submission of the abstract.** As always, students are also welcome and strongly encouraged to contribute research posters for the division poster sessions.

Founders Travel Award

Tom Bruce, Bill Jencks, and Myron Bender, as a mechanism to foster collegial interactions within the community of chemists and biochemists interested in understanding the chemical basis for enzymatic catalysis and the regulation of enzyme action, founded the Winter Enzyme Mechanisms Conference in 1969. The passing of William P. Jencks coincided with the 20th meeting of the

Winter Enzyme Mechanisms Conference, and this loss was felt keenly by many senior participants at that conference. The interest in recognizing Bill's many contributions to mechanistic enzymology, in a manner that would help to ensure the vibrancy of the community that he helped to create, resulted in the creation of the "Founders Travel Award", which supports the participation of students and/or postdocs at the Winter Enzyme Mechanisms Conference. The ACS Division of Biological Chemistry manages the investment of funds contributed for this award and has established the process for the competitive selection of the awardees.

Travel Awards to Attend the 250th and 251st ACS National Meetings

The division will offer travel awards on a competitive basis for graduate students and postdoctoral fellows to attend the meeting and present a poster on their research. The selected awardees will be reimbursed up to \$500 for travel and registration expenses. Receipts must be submitted along with a request for reimbursement after the meeting. No more than two awards will be made to one laboratory for any single ACS meeting. In addition, **please note that no individual can win more than one division travel award in their lifetime, and that preference will be given to presenters within the division.** A list of travel awardees for 2014 is given elsewhere in this newsletter.

How to apply for a Travel Award

- (1) Fill in the Travel Award Application on the next page.
- (2) Attach a printed copy of your abstract.
- (3) Attach a one page CV.
- (4) Attach a signed letter of recommendation from your faculty advisor.
- (5) Send **ONE COMPLETE PDF FILE** of this material as *single* EMAIL attachment to the

Program Chair, Craig Crews at Craig.Crews@yale.edu.

Be sure to use a subject line of "ACS Travel Awards" in your electronic application.

The deadline for submission of an application for a travel award to the

250th ACS National Meeting (Boston) is **July 15, 2015.**

The deadline for submission of an application for a travel award to the 251st ACS National Meeting (San Diego) is **January 15, 2016.**

**Application for a Travel Award for Graduate Students
and Postdoctoral Fellows**

Deadline July 15, 2015 (Boston) or January 15, 2016 (San Diego)

Name: _____ Advisor: _____

Department _____ Graduate Student: _____ Postdoctoral Fellow: _____

Institution: _____ Street: _____

City, State, Zip: _____

Tel: _____ E-mail: _____

Is an Abstract attached? _____ Is a CV attached? _____

Is the advisor's recommendation letter (one page) attached?