

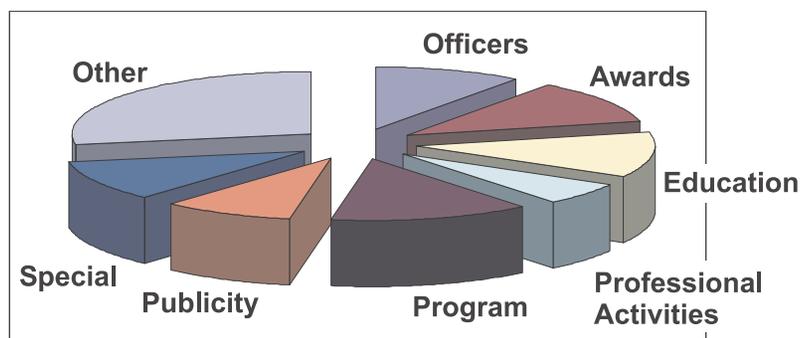


Chemical Bond

Volume 60
Number 2
February, 2009

St. Louis Section, American Chemical Society

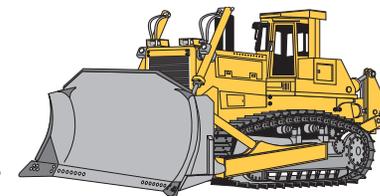
The Budget Pie



Under Renovation!

By spring, you'll be seeing major changes to the *Chemical Bond*. In fact, you may even want to think of it as, *Chemical Bond 2.0* (or not).

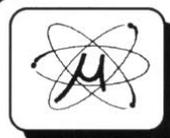
To make the transition as exciting as possible, we're calling on writers, reporters, and photographers to become a part of the *Chemical Bond* Editorial Staff. As a reporter or feature writer, you'll help us capture events, biographies, and stories related to the local chemical enterprise, or just provide your insightful personal ramblings. Basically it's your chance to live the glamorous life of a news reporter volunteer for a much-needed and -appreciated service.



Qualifications include mainly an interest in attending and reporting events, excellent written communication skills (though we have an editor to help with that), and the ability to meet deadlines. There's no commitment on number or length of articles, only that you deliver what you promise.

Interested? or need more information? Just send a short e-mail to editor@stlacs.org. Put "Volunteer" in the subject line and tell us briefly about your qualifications. We'll take it from there.

We hope to hear from you soon and thanks for your commitment to the *Chemical Bond*.



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Chemical Bond

Volume 60

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Interim Editor	Eric Ressner	314.962.6415 editor@stlacs.org
Assistant Editor & Advertising Manager	Sue Saum	314.513.4808 ssaum@stlcc.edu
Business Manager	Donna Friedman	314.513.4388 dfriedman@stlcc.edu
Website		www.stlacs.org
Webmaster	Eric Ressner	webmaster@stlacs.org

Correspondence, letters to the Editor, etc., should be sent to
St. Louis Section–American Chemical Society
125 West Argonne Drive, St. Louis, MO 63122

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Meeting & Seminars

Board of Directors

The Board meets the second Thursday of each month, usually at the Glen Echo Country Club (map available on website). Meetings are open to all members, and all are encouraged to attend. Elected officers and chairs of major committees have the right to vote; others have voice but no vote.

If you want to attend for dinner, contact Bill Doub (william.doub@fda.hhs.gov or 314-651-7514) at least a week in advance. Usual cost for dinner is \$24. Members wishing to become active in section activities are welcomed for their first dinner as guests of the section.

Date: February 14
Social hour: 5:30 pm
Dinner: 6:30 pm
Business meeting: 7:15 pm

Future meetings: Mar 14; Apr 10

Saint Louis University

Seminars start at 4 pm in Room 12 Monsanto Hall, except as noted. For more information, contact the Chem Dept, 314-977-2850.

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Feb 6

Tim Dore

University of Georgia
*Protecting Groups for Mediating the
Action of Biological Effectors with 2PE*

Feb 9

Anna Mapp

University of Michigan
Sigma-Aldrich Lecture #1: TBA

Feb 10

Anna Mapp

University of Michigan
Sigma-Aldrich Lecture #2: TBA
at Sigma-Aldrich Research Center

Feb 20

Rob Ripperdan

Saint Louis University
TBA

Feb 27

David Sherryl

Georgia Tech
TBA

University of Missouri– St. Louis

Fridays at 4 pm in 451 Benton Hall, unless otherwise specified. Refreshments 15 minutes prior to seminar time. For more information, contact the Chem Dept, 314-516-5311.

Feb 2
Romas Kazlauskas
University of Minnesota
TBA

Feb 9
Jon Tunge
University of Kansas
*Synthesis via Decarboxylative
Coupling*

Feb 16
Leonard Macgillivray
University of Iowa
*Organic Solids with Changeable Parts:
Synthesis, Structures, and Properties*

Feb 23
Vijay Sharma
Washington University
*Molecular Imaging Agents for Probing
MDR1 P-Glycoprotein in Cancer and
 β -Amyloid in Alzheimer's Disease*

Washington University

Seminars are in McMillen 311 at 4 pm unless otherwise noted. All topics this month are TBA. For information, contact Lev Gelb, gelb@wustl.edu

Feb 5
Lawrence J. Williams
Rutgers University

Feb 12
Nicholas Leventis
Missouri University of Science
and Technology

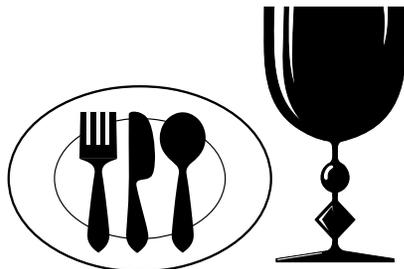
Feb 19
Anja Mueller
Central Michigan University

Feb 26
Christopher Jaroniec
The Ohio State University

Recognition Night 2009

Please join us in the clubhouse at Glen Echo Country Club on Saturday, March 28th, to celebrate and honor members who have helped make this section great. The Distinguished Service Award will be presented, new 50- and 60-year members will be honored, and Keith Stine will give the traditional Past Chair's address.

To reserve your place(s) at this grand event, please return the reservation form by March 23rd.



Recognition Night Reservation Form

Member name: _____

Number attending _____ \times \$26 = _____ (amount remitted)

Please make check payable to: Saint Louis Section-ACS
and mail with form by March 20 to:

Samir El-Antably
Camela Medical Equipment Company
P.O. Box 50168
Saint Louis, MO 63105

Donald G Leavitt (1924-2008)

A 62-year member of the ACS died on December 31, 2008. Donald G Leavitt was a patent attorney specializing in chemical and pharmaceutical patents for the Senniger, Powers firm of St Louis.

Leavitt received a BS in Chemistry from Marquette University in 1946, MS in chemical engineering from University of Illinois in 1948, and JD from University of Michigan in 1951. His membership in the ACS dates from 1946. For several decades, he also donated his services to the Saint Louis Section as Registered Agent of the Corporation.

He was a past-chairman of the Missouri Bar Association's Patent, Trademark, and Copyright Committee and recipient of that organization's President's Award in 1983. He was also adjunct professor of patent law at Saint Louis University Law School from 1956 to 1993.

His membership in the ACS and in the Saint Louis section dates from 1946. For several decades, up until 2007, Donald donated his services to the Saint Louis Section as Registered Agent of the Corporation.

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Bylaws Vote ... Again

Just when you thought it was safe to attend another General Meeting of the Section, the question of bylaw amendment approval menacingly resurfaces like the giant squid in 20,000 Leagues Under the Sea.

You see, the bylaw amendments were voted upon at the Continuity Dinner/General Meeting in December, just as they were supposed to be. And they passed resoundingly (unanimously, actually). But only 22 members were in attendance, and a quorum for a General Meeting is defined as at least 25 members. So we have to do it again.

The Board agreed to hold a brief General Meeting in conjunction with Recognition Night, March 28, at Glen Echo Country Club. During this General Meeting, members in attendance, who are practically guaranteed to exceed 25, will vote again on the proposed bylaw amendments.

If you were not at the Continuity Dinner, but are planning to attend the Recognition Night festivities (related story, page 5), you will want to preview the amendments. Markup changes were published in the September, 2008, *Chemical Bond*, which you certainly have saved, yes? No? Then, you can download a Word file from the Section website, www.stlacs.org/docs/bylaw_amendments.doc. If that still leaves you unfulfilled and you need a hardcopy delivered to your door, please contact Donna Friedman by mail at:

Department of Chemistry
SLCC-Florissant Valley
3400 Pershall Road
St Louis, MO 63135

or by phone at (314) 513-4388.

Bond Briefs

Scholars' Program: Apply by March 1

The ACS Scholars Program is accepting applications for the 2009-2010 academic year, now in its 14th year funding scholarships for the best and brightest African-American, Hispanic, and Native American undergraduate students in the chemical sciences.

To date the American Chemical Society has awarded over \$10.8 million in scholarships to more than 1,990 deserving undergraduates. Through 2008, 47 Scholars' Program graduates have obtained a Ph.D., and another 170 are enrolled in Ph.D. programs. More than 300 are enrolled in or have completed a Masters Degree program.

Approximately 100 scholarships will be awarded to undergraduates in four-year degree programs; to those seeking to transfer from two-year to four-year colleges; and to two-year students pursuing degrees in chemical technology. High school seniors are also eligible. The scholarships are valued at up to \$2,500 per academic year for freshmen, \$3,000 sophomores, and \$5,000 for juniors and seniors.

Corporations and other organizations have co-sponsored students in this program. A student selected to be the recipient of a corporate award may have the added opportunity for a summer internship. Mentoring is considered essential for students in the chemical sciences

and the Society offers mentoring support.

At www.acs.org/scholars, the ACS website has additional information about the program and an on-line application form. The application postmark deadline is March 1, 2009.

Judge at a Fair

Science Fair season is upon us. Sheryl Loux, coordinator for the Saint Louis Section, is seeking volunteers to judge science fair projects in chemistry. Chronologically, upcoming events are:

Saturday, February 28

Greater St Louis Science Fair
Honors Division

Commerce Bank Education Center
4651 Shaw Boulevard
St. Louis, MO 63110

8:00am Judges viewing of projects

9:00am Judges interview students

Saturday, March 14

Illinois Junior Academy of Sciences
Regional Science Fair
Morris University Center
SIU-Edwardsville
Edwardsville, IL 62026

This event hosts over 200 of the finest 5th through 12th grade student projects from a ten county area. Meet at 8:30am; judging from 9 to noon

Saturday, March 21

Missouri Tri-county Regional
Science and Engineering Fair
College Student Center
St Charles Community College

8 am Free judges' breakfast

9 to noon Judging

see *Briefs*, page 13

Pick up

Mass-Vac ad

from p. 11

of November, 2008, issue

Your Investment Committee

by Hal Harris

The Saint Louis Section administers two of the significant awards of the Society, the St Louis Award and the Midwest Award. The expenses (honoraria for awardees, travel for speakers in the St Louis Award Symposium, a subsidy for the St Louis Award Banquet, and travel for the awardee to the Midwest Regional Meeting) are paid from accounts set aside for that purpose and invested on advice from the Investment Committee. Nearly all of the funding of the St Louis Award was donated by the Monsanto Corporation and Mallinckrodt provided most of the funds for the Midwest Award.

As of December 31, the Section held approximately \$51,000 for the St Louis Award and \$70,000 for the Midwest Award. The funds are invested in a mix of Treasury notes, the ACS Investment Pool, and conservative mutual funds. Although we do not yet have the year-end numbers from the ACS Pool, we anticipate that our investments will have outperformed the popular indices (meaning things could be worse!).

Even before the disastrous investment year of 2008, the Board recognized that the funds were not adequate to indefinitely support the annual expense, and acted to ensure that these important recognitions of chemists and chemistry would continue. The Board took five actions that will positively affect the status of these awards:

1. The subsidy for the St Louis Award Banquet was decreased in 2008, which is why the event was

more expensive for those who attended. Attendees now pay for about eighty percent of cost of the fancy dinner, instead of about half.

2. The honorarium for the St Louis Award was decreased from \$1500 to \$1000 and the honorarium for the Midwest Award was decreased from \$3000 to \$2000, beginning in 2009. Both of these awards had been increased a few years ago, when the investment picture was much rosier. It is hoped that it will be possible to increase them again as the funds become available.

3. The Fundraising Subcommittee made strong effort to raise additional corporate donations for the awards, and this is beginning to pay off. Keith Stine led the effort that secured an additional donation of \$10,000 for the St Louis Award from Monsanto. In these times, it is not easy to obtain such a commitment, and Keith deserves a great deal of credit for this accomplishment.

4. Section dues were increased by \$5 this year, for the purpose of providing additional funding for our St Louis Award. The Board voted at its January meeting to commit one third of the total amount realized from local dues this year to that purpose. It is expected that this will be approximately \$5000.

5. The Midwest Award is presented at the Midwest Regional Meeting and recognizes a chemist working in one of several Sections. As the largest (and best, in our humble opinion) of the Sections in our region, we have provided the leadership and the funding of the Award, but it would be appropriate to more fairly share that responsibility

see *Investment Committee*, page 11

Budget Debate Focuses on Section Dues

The January Board of Directors meeting is always dedicated to discussing and adopting the annual budget, with other issues playing second fiddle. This January was no different. Steering Committee had done thorough preparation, and the budget was headed for quick approval with little revision ... until the question of section dues allocation arose.

The back-story: last winter, the Board passed an increase in 2009 local section dues from \$10 to \$15, the first increase in several years. The main impetus behind the increase was to improve the financial picture for the Saint Louis Award, the section's premier event. At that time, the Board refused to earmark any of the dues increase to the Saint Louis Award because of the risk to the general fund if dues income did not rise proportionately. (Payment of local section dues is always voluntary for ACS members.)

The question arose again during budget discussions. The Section ran a surplus during each of the past

two years, and the 2009 budget was projecting another surplus. If we were not going to transfer some of that surplus to the Saint Louis Award funds now, then when? The answer that the Board gave was "now," agreeing to transfer one-third of the dues income this year.

You will therefore see not a projected surplus, but a deficit, for a cause that the entire Board agreed is a good one. Our actual spending is usually below budget, as you will see by comparing 2008 budget *vs* actual, so we could still see a surplus this year.

Stay tuned next year as this cliff-hanger gets resolved. And know now that your dues increase is being put toward the purpose it was intended.

In the interest of space, expense items are rolled up to committee level. Endowed award account transactions (Saint Louis Award, Midwest Award, and Marcus Award) are not included, except for the transfer from the general fund.

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	2008 Budget	2008 Actual	2009 Budget
Income			
Affiliate dues	55	20	55
Corporate donations	2,000	750	2,000
Dividends	50	50	50
Member dues	12,500	11,142	15,000
National ACS allotment	14,304	14,304	15,068
Other income		250	
New member allotment		75	
Total income	28,909	26,591	32,173
Expenses			
Officers	3,605	2,517	3,605
Awards Committee	3,550	3,380	4,120
Education Committee	4,050	3,114	4,250
Professional Activities Committee	1,160	237	2,150
Program Committee	5,000	3,108	4,900
Publicity & Public Relations Committee	2,765	2,610	3,210
Special Events	3,630	3,072	3,830
Other Expenses			
Board meetings	800	314	800
Councilors' travel	4,000	2,695	4,000
Software for <i>Chemical Bond</i>	200	200	200
Saint Louis Award transfer			5,000
Total expenses	28,760	21,247	36,065

Investment Committee from page 9

ity with others, and to tie the activity more closely with the MRM. Such discussions have begun.

It will take some time and continued effort to make our investments capable of permanently supporting the awards, but it appears that we are moving in the right direction.

*Hal Harris
David Garin
Bruce Ritts
Ted Gast (ex officio)*

Officers and Committees, 2009

This is a list of elected officers and major committee chairs for 2009. If you are interested in getting involved in the activities of the section, any of these people is an excellent place to start. More detailed information can be found on our website, stlacs.org, and follow the link to Officers.

❖ Chair

William F. Doub
US FDA
(314) 539-3816
william.doub@fda.hhs.gov
and
ucr1975@sigmaxi.net

❖ Chair-elect

Shelley Minter
Saint Louis University
(314) 977-3624
minteers@slu.edu

❖ Immediate past chair

Keith Stine
University of Missouri–St Louis
(314) 516-5346
kstine@umsl.edu

❖ Secretary

Jeffrey Cornelius
Principia College
(618) 374-5296
jbc@prin.edu

❖ Treasurer

Ted Gast
Carl F Gast Company
(314) 993-2870
sales@cfgastco.com

❖ Directors

Samir El-Antably
Camela Medical Equipment Co.
(314) 664-5522 or 5532
samire1938@earthlink.net

Alexa Serfis
Saint Louis University
(314) 977-2840
barnoski@slu.edu

Eric Ressler
Sigma-Aldrich Corporation
(314) 962-6415
elressner@sbcglobal.net

Hal Harris
University of Missouri–St Louis
(314) 516-5344
hharris@umsl.edu

Bruce Ritts
Steris Corporation
(314) 290-4744 (W); (314) 961-7589 (H)
bruce_ritt@steris.com or
bruce_vicki_ritt@sbcglobal.net

Steve Kinsley
Washington University
(314) 965-5782
email: kinsley@wuchem.wustl.edu

❖ Councilors

Lisa Balbes
Balbes Consultants
(314) 966-5298
lisa@balbes.com

Lawrence Barton
University of Missouri–St Louis
(314) 516-5334
lbarton@umsl.edu

Donna Friedman
SLCC–Florissant Valley
(314) 513-4388
dfriedman@stlcc.edu

❖ Alternate Councilors

Alexa Serfis
Saint Louis University
(314) 977-2840
barnoski@slu.edu

Michael Shaw
SIU–Edwardsville
(618) 650-3579
michsha@siue.edu

Thomas Layloff
(618) 797-0587
tlayloff@aol.com or
tlayloff@msh.org

Chris Spilling
University of Missouri–St Louis
(314) 516-5437
cspill@umsl.edu

❖ **Awards Committee**
Pat Burrell-Standley
(636) 537-8745
standley@mvp.net

❖ **Education Committee**
David Haselbauer
(314) 918-1062
djhase@swbell.net

❖ **Professional Activities Committee**
Brent Znosko
Saint Louis University
(314) 977-8567
znoskob@slu.edu

❖ **Program Committee**
Dana Baum
Saint Louis University
(314) 977-2842
dbaum1@slu.edu

❖ **Publicity and Public Relations Committee**
Gopal Paul
(314) 991-2609
gkopal@yahoo.com



Briefs from page 7

Greater St Louis Elementary
and Secondary Science Fair
Queeny Park Recreation Complex
50 Weidman Rd
Ballwin, MO 63011

Elementary (K-5) Participation
Awards distributed to chemistry related projects 6 to 8:30pm, Tuesday, May 5

Secondary (6-12) judging 3 to 8:30pm, Wednesday, May 6, with free dinner for judges on site.

Your Participation As a Judge would be Greatly Appreciated! To volunteer, contact Sheryl J. Loux at 636-237-5149 or sjloux@gmail.com.

A Fair of a Different Stripe

Make an investment in the future of chemistry. Share the enthusiasm you have in being a chemist. Be a role model for the next generation of chemists. Do it all at the St Louis Public Schools Career Awareness Fair, America's Center, March 24-25.

Help the 8th grade students make informed career choices. If interested or need more information, contact Greg Wall, gwall37@msn.com, or David Haselbauer, djhase@swbell.net. You can make a difference in the lives of students making their career decisions, and shape the future of chemistry.

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Saint Louis Award Call for Nominations

Nominations are solicited for the St Louis Award, which is sponsored by the Monsanto Company and administered by the St Louis Section–ACS. Nominees should be individuals who have made outstanding contributions to the profession of chemistry and demonstrated potential to further the advancement of the chemical profession.

The award, consisting of a \$1,000 honorarium and a plaque, is presented at the St Louis Award Banquet held in October during National Chemistry Week. (This is change from past practice, in an effort to more evenly distribute major section events throughout the year.)

At the time of the nomination, nominee must not have previously received the Midwest Award or any national ACS-sponsored award. Nominee must be a member or affiliate of the St Louis Section of the ACS. Nomination packets received by March 31st are considered for award presentation in October. For 2009, the award symposium will take place on Friday, October 16,

and the banquet will be at Kemoll's on Saturday, October 17.

Nominations should include a nominating letter, two or more seconding letters from individuals who have had a close professional affiliation with the nominee, a brief biography, a description of the nominee's accomplishments, and a list of publications and patents. Additional details can be found at www.stlacs.org/stlouisaward.html.

Please send nominations to:

Joseph J. H. Ackerman
Department of Chemistry, Campus
Box 1134
Washington University
One Brookings Drive
Saint Louis, Missouri 63130



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