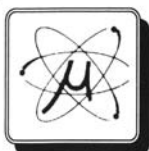




# The Minnesota CHEMIST



Quarter 2, 2010



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## ACS Minnesota Chapter is going GREEN!

Join the ACS Network today-it's free! Do your part to conserve our planet and local financial resources. It will benefit you in delivering timely notifications of our local activities, events and professional opportunities. Plus, you can connect with other worldwide ACS members while in the network too!

To help, you need to subscribe to our Minnesota Local Chapter Activities & Events group through the ACS Network. Our goal is to achieve 98% participation of our 2200 MN membership base, so opt in today and get connected! This means an estimated \$7,500 savings in paper, printing and postage.

Go to <https://communities.acs.org/groups/minnesota> to join our group.

An acs.org id is required to access the ACS Network and our group. If you do not already have an acs.org id, you will need to complete a short registration which includes creating a username and password.

Then, watch the site for the "Announcement" and your email via "Discussion" for our next event, job posting or chapter activity!

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We thank you for acting on this today.

# THE MINNESOTA CHEMIST

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All members of the national ACS living in the area served by the MN Section are automatically members of the section.

Become an Affiliate member of the MN Section

Don't want to be a national ACS member, but are interested in networking with chemists in the local section? Become an affiliate member! Affiliate membership is not necessary if you are a full ACS member. Benefits of MNACS Affiliate membership include a subscription to the "MN Chemist" newsletter and opportunities for participation in MNACS section activities. Current membership cost is \$8.00 per calendar year. Annual renewal is necessary and reminders may not be sent. Your one calendar year membership will commence once payment is received.

Please send a check made out to 'MNACS' to Nicole Bechtold, Editor - MN Chemist, 3M Center, 207-BW-09, St. Paul, MN 55144 and include the following information: Name, Complete address, E-mail address, Phone number, Classification, i.e., grad student/undergraduate/high school teacher/consultant/other

## Change of Address

The mailing list for the Minnesota Chemist comes directly from the National ACS. It is the same list used to mail C&E News. If you have a change of address, please contact: Manager, Member and Subscriber Services, ACS, P.O. Box 3337, Columbus, OH 43210; telephone (800) 333-9511 or send an email to service@acs.org.

## ACS WEB SITES

National ACS Web Site: <http://www.chemistry.org>  
Minnesota ACS Web Site: <http://www.mnacs.org>

## MINNESOTA SECTION Councilor

Joann Pfeiffer (2008-2010), Century College	(651) 765-2514
Lynn Hartshorn (2008-2010), University of St. Thomas	(651) 962-5581
Wayne Wolsey (2006-2008), Macalester College	(651) 696-6352
Sarah Mullins (2006-2008), 3M	(651) 733-5372
Marilyn Duerst (2010-2012), UWRF	(715) 425-3654

## MINNESOTA SECTION ALTERNATE Councilor

Ramesh Kumar (2008-2010), 3M	(651) 736-3181
Nicole Bechtold (2008-2010), 3M	(651) 733-7292
Danae Quirk Dorr, (2009-2011), MN State - Mankato	(507) 389-2141
Bill Ojala (2006-2008), University of St. Thomas	(651) 962-5585
Barbara Peterson (2007-2009), Ecolab	(651) 306-5640

## AMERICAN CHEMICAL SOCIETY

Washington, D.C. Headquarters (800) 227-5558

Cover Photo: *National Chemistry Week fun at Inver Hills Community College. Read and see more on pages 8 and 9.*

## A Note from The Chair .....



Fellow ACS MN Section Members,

The 2010 event calendar is planned and chock full of great speakers, exciting topics and accessible venues! This year we're focused on going "green" which we are supporting by transitioning to the ACS Network for our e-communications - learn more on page 2. (Don't worry, the MN Chemist will continue to arrive in your mailbox once per quarter.) Our very active members continue to engage students and the public regarding Chemistry and its impact on day to day living and what career opportunities the industry holds. With 2,200 members strong the Minnesota Section of ACS is making great strides in inspiring, empowering and fostering the continuing education of Chemists and all supporting roles in the Chemical field. We've included a joint service event April 29th at Feed My Starving Children and will have a tour at Rahr Malting June 8th and will end up the year socializing in December at the Dining Studio that will feature the delectable food chemistry creations of Chef Philip Dorwart (Guest Speaker on Foodie Thursday's on Cities 97). Join us for our next meeting(see back inside cover) - you may be surprised by who's there, the value it delivers, the connections you'll make and the fun you'll have.

See you then!

Warmest Regards,  
Kim K. McKimmy

### 50 and 60 year members recognized!

Congratulations to 50 year members:

Dr. Milton Andrus  
Mr. Elden Banitt  
Mr. Frederic Baude  
Dr. Lawrence Clemens  
Dr. Philip Portoghese  
Dr. George Vesley

Congratulations to 60 year members:

Dr. Elliott Farber  
Dr. John Holum  
Dr. Peter Howell  
Mr. Charles Lea  
Dr. Richard Morath  
Dr. Wayland Noland  
Dr. Ivan Skoog  
Betty Swanson  
Mr. Norman Sweeny  
Dr. Walter Wdf

### Tour Speaker Services Change

The ACS Speaker Service, which has provided and partially funded tour speakers for many of our section meetings in past years, will cease to operate in 2011. It will be necessary for our section to find and arrange for our own speakers, perhaps in cooperation with nearby sections. I would welcome suggestions from section members for good speakers for the section meetings-either in technical subjects or general science or education related topics. Please send such suggestions to Lynn Hartshorn, at [lhartshorn@stthomas.edu](mailto:lhartshorn@stthomas.edu).

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Views expressed on this page are those of the author and not necessarily those of the Minnesota Section of the ACS.

## SUMMARY OF COUNCIL MEETING

AMERICAN CHEMICAL SOCIETY, 239th ACS NATIONAL MEETING

SAN FRANCISCO, CA

MARCH 24, 2010

Minnesota section councilors Marilyn Duerst, Lynn Hartshorn, Sarah Mullins, Joann Pfeiffer and Wayne Wolsey attended. Lynn Hartshorn prepared the following brief summary. A more detailed account of the meeting, including various reports from committees, may be seen on the section web site: [www.mnacs.org](http://www.mnacs.org).

**Election Results:** By electronic ballot, the Council selected Luis A. Echegoyen and Bassam Z. Shakhshiri as candidates for 2011 President-Elect. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall National Election.

**Candidates for Directors-at-Large:** The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for a 2011-2013 term: Janan M. Hayes, Robert L. Lichter, Kathleen M. Schulz, and Kent J. Voorhees. The election of two Directors-at-Large will be conducted in the fall. Ballots will be mailed to the Council on or before October 10.

**Petitions to Amend the Constitution and Bylaws:** The Council received three amendments to the ACS Constitution and Bylaws for action: The Petition on Admissions Committee, the Petition on Candidate Selection by Member Petition, and the Petition on Election Timelines 2009.

The Council voted to approve the Petition on Admissions Committee. This petition removes the Admission Committee from the Bylaws and transfers its functions to the Council Committee on Membership Affairs.

After considerable debate, a motion to approve the Petition on Candidate Selection by Member Petition failed. The Petition on Candidate Selection by Member Petition would have amended the Constitution to emphasize that candidates selected by a petition process from members will have no further screening. However opponents of the motion pointed out that a procedure for petition candidates exists already in the bylaws.

The Council also thoroughly debated the merits of the Petition on Election Timelines 2009. The motion to approve this petition failed. The Petition on Election Timelines 2009 would have shortened certain national election timelines.

The Board of Directors will vote within 90 days on whether to ratify the Petition on Admissions Committee.

**The Society's Finances:** The Council and Board of Directors learned that the Society's total 2009 revenue (\$460 million) was up +1% from 2008, but fell short of the 2009 approved budget by \$19.5 million or 4.1%. Fortunately, the revenue short fall was fully anticipated in early 2009. Therefore, contingency planning actions and cost containment initiatives were implemented across the Society, resulting in expense savings totaling \$22.5 million. Significant reductions were realized in salaries and fringe benefits, and in discretionary accounts such as travel, training, and professional services.

**2011 Member Dues:** The Council voted to set the member dues for 2011 at the fully escalated rate of \$146. This rate is established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws.

**Member Statistics:** At the close of 2009, Society membership totaled 161,783 compared to 154,024 for year-end 2008. The number of new membership applications received last year was the highest ever. The 2009 number also reflects the transition of 6,658 former Student Affiliates to the new student member category in June 2009 and the recruitment of 6,341 new student member undergraduates.

**Attendance Report:** As of March 24, 2010, the ACS spring national meeting had attracted 18,076 registrants as follows: Regular attendees, 9,715; Students, 5,705; Exhibitors, 1,219; Exposition only, 923; and Guests, 514.

Minutes of the Executive Board Meeting of the Minnesota Section, ACS

Date: January 12, 2010

Place: Lab Support, Plymouth MN

Present: Kim McKimmy, Dave Blackburn, Wayne Wolsey, Richard Duerst, Marilyn Duerst, Phil Buhlmann, Wade Neiwert, Lyle Hall, John Ring, Joanne Pfeiffer, Antone Gregory, Sarah Mullins, Diane Amell

Section Chair Kim called the meeting to order at 5:42 p.m. It was moved/seconded (Marilyn/Dave) to approve the minutes of the November meeting. Passed.

Executive reports Chair's report - Kim provided the following updates: The 2009 summer social, attending a St. Paul Saints game on August 12th, will likely include a potluck tailgating picnic; a catered meal is being considered. Tour speakers are scheduled for the October and November 2010 monthly meetings. A site for the May meeting has not yet been established. Communication with the Minnesota Science Teachers' Association has made strides. Treasurer's report - Wade distributed copies of the 2009 Annual Treasurer's report to attendees. He commented that we not only stayed close to budget, we operated about \$3000 in the black in 2009. He noted that, for 2010, the national allotment to the section will be \$17,684. Annual report - Dave requested all relevant information for the 2009 Annual Report.

Committee reports Councilor reports - Councilors planning to attend the San Francisco national ACS meeting are Joann, Marilyn, Wayne and Sarah. The newly-elected Councilor, Matt Morgan, was not present. Joann will contact him to determine if he plans to attend. Nominating Committee - no update. By-Laws - no update; Milt Andrus was not present. Government Affairs - Sarah reported that emails were sent out about the MN government affairs committee, and is working on contacting other Sections with some territory in the state of Minnesota. A conference call is scheduled for February 5th at 3 p.m. EST, to begin to build a "team" to work on political issues. Historian - We currently have no Section historian. Kim urged anyone with a digital camera to bring it to meetings and events to document activities of the section. An individual might be sought to volunteer to keep and organize such photos. Kim will email the Historical Society to see if they want copies of minutes of our meetings.

Outreach updates:

1. Chemists Celebrate Earth Day (CCED) - Marilyn suggested that the Minnesota Section participate in this national event for the first time at the April "Chemists in the Library" event. Materials will be ordered and ideas developed for activities. National Chemistry Week (NCW) is an ongoing annual event for the Section.
2. Kids and Chemistry - Jerry Kersten was not present for a report.
3. Chemists in the Library - Phil reported that 13 events are scheduled for 2010, including one event at the U of M. The goal for 2010 is better advertising; notices will now be placed in the Star-Tribune, Pioneer Press and on the Minnesota Academy of Science website. Hennepin County and St. Paul libraries have their own electronic announcement system for publicizing our events
4. National Historic Chemical Landmarks - Wayne mentioned that Smith Hall will be 100 years old in 2013, and that it possibly be nominated for that designation, but someone from the U of M will have to volunteer to "carry the ball" with that nomination.
5. A National Laboratory Day sometime in May is being promoted by the national ACS, as reported by Wayne. No further details are yet forthcoming.
6. Chemistry Olympiad - Bill Ojala was not present; no report.
7. Roller Derby - Dave commented on the show he and Wayne Haag put on at the roller derby October 24th; if asked again for 2010, they will do it again.

-Merck indexes - Dave reported that at least 60 Merck indexes were distributed to colleges in the Section. Some will be given to high school award-winning students

-Awards - Kim reported that Richard Newmark has received one nomination for the high school teaching award, a person highly qualified and well-deserving of the award. Lyle will be contacting three colleges in the Section regarding grants for students to attend a national meeting, and will be visiting those schools.

-Younger Chemists - Kim reported that the YCC has been inactive the past year.

-PR/ publicity - Kim reported that the MN Academy of Science is willing to post our information about events on their websites.

-Professional Development - Kim reported that she is assimilating information from the national ACS office for a presentation at the February Section meeting (5-6 p.m.) on "How to be a Chemistry Ambassador". Three other professional development mini-programs are scheduled this year.

Old Business

1. Investments - John distributed information about Jack Elvestrom, a financial advisor/ planner who will be handling some of our investments
2. Kim advised the group that there will be no executive meeting will be held in February 2010. The 2010 schedule for meetings is posted on the Section's website.

(January 2010 minutes, continued)

#### New Business

-Dave brought up the possibility of providing awards different or more than the current awards (book, periodic table and a CD) for high school, middle school science fair winners and and 6 honorable mention awards (subscription to Chem Matters) at the state science fair. Dave moved that \$500 be given to the top student, but the motion was tabled after some discussion. Further discussion on the scope and nature of the awards will continue at a later meeting.

-Kim moved (Phil seconded) to contribute \$100 to the MnTS for the March 18 event. Passed.

-2010 Budget - Considerable discussion ensued about budget line-items for income and expenses, particularly with respect to small grants YCC, and support for students and various activities. Dave moved (Phil seconded) that the YCC budget (formerly \$1500) be spent on other activities supporting involvement of graduate and undergraduate students and other younger chemists. Motion failed. Sarah moved (Phil seconded) that the small grants line-item be increased to \$1000. Passed. Diane moved (Phil seconded) to add a line-item for establishing a Women Chemists Committee of \$500. Passed. Consensus was achieved on all items, and Wade will prepare the final budget, which includes about \$51,700 expenses and about \$43,200 income.

-Communications: Kim sought volunteers to email groups of 100 members, inviting them to join the ACS network. The spring MnSTA conference will be held in Willmar April 15-17; the fall conference is in the Metro area.

Moved/seconded (Kim/ Dave) to adjourn. Meeting adjourned at 8:06 p.m.

Respectfully submitted, Marilyn D. Duerst, volunteer secretary

Minutes of the Executive Board Meeting of the Minnesota Section, ACS

DATE: February 9, 2010

PLACE: Minnesota Community & Technical College

PRESENT: Kim McKinmy, John Ring, Dave Blackburn, Wayne Wolsey, Richard Newmark, Joann Pfeiffer, Matt Morgan, Lyle Hall, Antone Gregory, Randy Wedin, Colleen Raphael, Karna Barquist, Joan Newmark, David Rusterholz, Derek Hook, Lynn Hartshorn, Milt Andrus, Mithra Marcus

Section Chair Kim called the meeting to order at 5:42PM. An attendance sheet was passed around. It was moved/seconded to approve the minutes of the November meeting. Passed.

Executive Reports Chair: No announcements at this time (announcements made later in the meeting). Chair-Elect: No announcements. Past Chair: The annual report has been approved (Wayne Wolsey) and submitted. Also, the MN ACS has applied for a Chem Luminary Award for the "Chemists in the Library" program. Secretary: No announcements. Treasurer: No announcements

Committee Reports Councilor Updates: No announcements. Education Committee: No announcements. Community Outreach Activities Committee (Phil Buhlmann): No announcements. External Communications Committee (Joanne Pfeiffer): No announcements. Professional Activities Committee (Milt Andrus): Currently, MN ACS is operating under new by-laws. The National ACS has now approved our by-laws. Operations Committee (Past Chair): No announcements. Program Committee (Chair Elect): No announcements. Nominations Committee: A list of nominees for election is needed by May 2010 (at the latest).

#### Open issues / Old Business

a) Science Fair Awards: Wayne discussed awards and passed out a document outlining these awards. MN ACS will need to provide judges for Regional Science Fairs. It will be the responsibility of the corresponding committee in the Twin Cities to find these judges. Motion carries.

b) ACS Network - Kim discussed MN ACS use of electronic meeting notification. Postcards will no longer be sent after the September meeting. Instead, meetings notices will occur via the MN ACS website. Perhaps during the Professional Development session members can learn more about the ACS Network. Currently, 31 members have signed into the ACS Network. A discussion about using this system ensued. Kim will continue to invite members to join the ACS Network.

#### New business

a) The Medicinal Chemistry Division of the ACS is holding their regional meeting at the University of Minnesota (Twin Cities) in June. Should the MN ACS be involved?

b) Kim discussed an Innovative Grant Proposal. She has counseled with past chairs about collaborating with another scientific organization to provide service to the community. The MN ACS and Institute of Food Technicians will work together to volunteer with Feed My Starving Children in Eagan, MN on April 29, 2010. The two groups hope to have 90 volunteers at the event. The Innovative Grant Proposal will provide funds for T-shirts advertising the event.

#### Review of 2010 Events calendar

Kim discussed upcoming meetings/events

(February 2010 minutes, continued)

1. Next meeting is evening of March 18th at Medtronic - Speakers are:
  - Jim Turnure from Xcel Energy on an overview of sustainable energy challenges and opportunities (we'll have more detail from the abstract coming this weekend).
  - Scott Stephens of US-DOE on Solar Photovoltaics
2. April 13th is at St. Cloud State featuring Dr. Thomas Gardner of Crane Engineering presenting "A Day in the Life of an Investigative Chemist"
3. April 29th Joint initiative with Institute of Food Technologists at Feed My Starving Children in Eagan.
4. May 11th : St. Paul Academy and Summit School - Honoring Dr. Janice Gepner at 1712 Randolph Avenue St. Paul, MN 55105

#### Reminders & Acknowledgements

- Volunteers needed for the Regional Science Fair 2/12 at the U of MN Field House.
- Phil Buhlmann has been nominated for the George W. Taylor Award for Service.

Adjournment: Moved/seconded (Kim/Joann) to adjourn. Meeting adjourned at 6:15PM.

Respect fully submitted, Mithra Marcus, secretary

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## National Chemistry Week...in Review

The Chemistry Department at Inver Hills Community College in Inver Grove Heights, MN, hosted its 14th annual celebration of National Chemistry Week on October 19-21, 2009, Monday through Wednesday.

Since the theme was "Chemistry - It's Elemental", we had many displays of Periodic Tables, some ordinary periodic tables, some funny and wacky (such as "The Periodic Table of Fruits and Nuts" and "The Periodic Table of Vegetables", The Periodic Table of Elephants, as well as some 3-dimensional tables such as the circular periodic table. Hands-on Activities included "Elements and Density", "Elements and Magnetism", the Element Match Game, Is It an Element or Not? Game, Iodine Testing, and working with Nitinol Memory Wire.

We also had a display of ordinary household products with their elemental composition. Organic Chemistry and General Chemistry (second semester) students chose an element, researched it, and created an artistic and descriptive poster on that element. These were on display all week. Introductory Chemistry students chose an element and created an 8" by 8" card in whatever fashion they so deemed; many were very interesting and artistic, especially the one of Einsteinium complete with fuzzy hair using feathers. These were on display on the wall as one entered Heritage Hall and they will be on display for the rest of the school year. Congratulations to all those students for doing such great work!

As a celebration of the 140th Anniversary of the Periodic Table, we had Periodic Table cake on several of the days, with the words "140th Anniversary" proudly displayed in black frosting on the cake. The title was surrounded by the symbols of a bunch of different elements, also in black frosting.. Anyone coming for cake had to choose an element symbol and name that element before they could receive a piece of cake. This got many students involved who were not taking any chemistry courses and hopefully it showed them that chemistry can be interesting and fun. Yummy!!!!

We also had our usual CHEM-SCRAMBLE CONTEST where an element was first described and then the name of the element was all scrambled up. Participants had to decide what the element was and then unscramble the letters. From the many entrants in the contest, three winners were chosen and each winner won a bag full of household products. First prize was actually a grocery bag made from recycled plastic and filled with recycled and organic-type products

Since I will be retiring at the end of this school year (after 31 years at Inver Hills), this is my last NOW celebration summary. It is hoped that the new instructors at Inver Hills Community College will continue the tradition of celebrating National Chemistry Week and continue to supply "The Minnesota Chemist" with summaries and pictures of their activities.

Submitted by Judith Chamberlain  
Inver Hills Community College Instructor

# IN THE NEWS

National Chemistry Week  
Inver Hills Community College



American Chemical Society Webinars is a weekly online event serving to connect ACS members and scientific professionals with subject matter experts and global thought leaders in chemical sciences, management, and business on relevant professional issues. Each webinar is 60 minutes in length, comprising of a short presentation followed by Q&A with the speaker. The live webinars are held on Thursdays from 2-3pm ET and recordings of the past webinars are available online. View and register for upcoming events at [http://boilthisdown.org/?page\\_id=385](http://boilthisdown.org/?page_id=385) or email [acswebinars@acs.org](mailto:acswebinars@acs.org).

## APRIL:

**Raising Capital with Angels: What They Don't Tell You at Business School.** Do you know what it takes to raise capital in this economic environment? Raising capital is an important life blood for entrepreneurs and small businesses, yet the process is often a black box. Learn from our speaker strategies to raise smart money and avoid the pitfalls of fools money. Join us to explore the ins and outs of raising funds and building a successful marriage with your investors. This is a must attend event for entrepreneurs, scientific professionals, investors and business leaders who are interested in learning about capital raising and angels financing.

ACS Webinars: Small & Medium Business Series - Thursday, April 22, 2010, 2:00-3:00 PM ET; free registration and more information online at <https://www2.gotomeeting.com/register/917951850>

**Success Factors for a Consulting Practice in Chemistry.** Thinking about being a consultant? Independent scientific/technical consulting is a fast growing career option undertaken by many chemical professionals. But do you know what it takes to build a successful consulting practice? To be a successful consultant, you need to know who needs your expertise, how to sell your expertise, and what legal constraints you may encounter along the way. Join us as our speaker shares his two decades of experience building a successful scientific consulting career.

ACS Webinars: Small & Medium Business Series - Thursday, April 29, 2010, 2:00-3:00 PM ET; free registration and more information online at <https://www2.gotomeeting.com/register/566989659>

## MAY:

**May 6, 2010 - From a Beaker to a Bottle: Overview of the Drug Discovery and Development Process for Small Molecule Therapeutics.** Ever wondered what it takes for a molecule in a laboratory to become an approved drug on the market? It has been estimated that it costs over \$1Billion to bring a drug into the market. The drug discovery and development process is a high risk but exciting endeavor akin to finding a diamond in a coal mine. Join us as Ann Newman, of Seventh Street Development Group, shares her decades of experience and provides you with an overview of the process. Learn how chemistry is making a valuable impact in the drug discovery industry.

**May 13, 2010 - Chemistry and Communications - a Closer Look at Scientific Careers in Publishing.** Ever wanted a deeper insight into the world of scientific publishing? ACS Publications are widely acknowledged as leading publications in chemistry and related disciplines. According to International Association of Scientific, Technical & Medical Publishers, there were about 25,400 active scholarly peer-reviewed journals in early 2009, collectively publishing about 1.5 million articles a year. Join us with Darla Henderson, Ph.D., Assistant Director of Editorial Development at the American Chemical Society, to learn about the ways in which chemists can innovate in the world of scientific publishing.

**May 20, 2010 - Green Chemistry: Innovation and Application for the New Decade.** We all hear about the need to be green and sustainable, but what does it really mean for chemical professionals? Green chemistry is here to stay and the industry is expected to grow rapidly in the next decade. Join us as Anne Wallin, Director of Sustainable Chemistry at Dow Chemical, provides us an insight into how green chemistry is applied in the chemical industry. Learn about the desired green innovations and how green chemistry is driving investment decisions for the next decade.

**May 27, 2010 - Knowing Your Worth: Strategies to Negotiate for Salary or Pay for Chemical Professionals.** Do you know how your pay and compensation compare to your peers? Would you like to learn how to negotiate for a better package in your current or new job? Regardless of the directions of the economy, knowing your worth is one of the most important ingredients to advancing your career. Our speaker, Meredith Dow with PROVEN Inc., will share strategies and elements that scientific professionals can use. Join us to learn how you can command a better compensation for your skills and be competitive in the market.

## ACS Minnesota Section Upcoming Events Calendar

### May

May 11, 2010, 6:00pm

St. Paul Academy and Summit School, 1712 Randolph Avenue, St. Paul, MN 55105, 651-696-1368

Award for Excellence in High School Teaching. This award is given every 3 years to an outstanding high school chemistry teacher who has made significant contributions to teaching including the ability to challenge and inspire students as well as extracurricular work stimulating the interest of students in chemistry. Dr. Janice Gepner, Saint Paul Academy and Summit School (SPA), is the 2010 winner.

Biography: Dr. Gepner earned a BS in Chemistry and PhD degree in biochemistry from M. I. T. After a postdoc at Harvard she taught at the Winsor School in Boston. Since 1994 she has taught chemistry at (SPA). She chaired the Twin Cities Area Chemistry Teacher Group for 6 years (2001-2006).

Award Citation: Her outstanding teaching and mentoring skills helped the 2007 SPA Science Bowl team win first place in Minnesota, with a free trip to Washington DC. She has had numerous students qualify for the MN ACS Olympiad qualifying contest. Previous awards include the 2007 distinguished Teacher Award from the Network of Educators in Science and Technology and the 1988 Award for Excellence in Teaching Secondary School Chemistry (Northeastern Section, ACS). She was also featured in the article "Head of the Class", about Ph.D. chemists teaching high school, in the 1/19/2009 issue of C&EN. She is a leader in "electronic" media with curricula, homework, solutions, and most laboratories available and searchable electronically. Her web page includes links to practice problems and animations. Her former students praise her efforts to encourage collaborative learning and her mentoring both in chemistry and life issues.

Menu: Spinach and Romaine Salad tossed with Raspberry Vinaigrette, topped with Fresh Berries, Red Onions and Candied Almonds, Wild Rice Pilaf with Craisins, Fresh Buttered Asparagus with Sautéed Red Pepper Strips, Vegetarian Pasta Primavera, Fresh Spinach and Swiss Cheese Stuffed Chicken Breasts with Tomato-Supreme Sauce, Fresh Baked Bread with Butter, Assortment of Lavish Desserts, Chardonnay and Pinot Noir Wines, Fresh Brewed Coffee and Aquahealth Water Served on Tables. \$15, more details at [www.mnacs.org](http://www.mnacs.org).

Parking: Park in the lot on the corner of Randolph and Wheeler Streets. It is on the west side of the school. As you enter the courtyard go through the glass gym doors on your left. Follow the signs to the Dining Hall.

A meeting highlight from a recent meeting is pictured at right. Please come and join us!



**\*\*The most up-to-date information for local section activities can always be found at [www.mnacs.org](http://www.mnacs.org)\*\***

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