theCHEMICALbulletin

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DECEMBER • 2005

CHICAGO SECTION AMERICAN CHEMICAL SOCIETY

JOINT MEETING WITH CHICAGO CHEMISTS' CLUB

AND IOTA SIGMA PI

HOLIDAY PARTY/MEETING

FRIDAY, DECEMBER 9, 2005

Holiday Inn Willowbrook
7800 Kingery Highway (Route 83)
Willowbrook, IL
630-325-6400

DIRECTIONS TO THE MEETING
Take Interstate 55 (Stevenson Expressway) South to IL-83 (Kingery Rd) exit. Keep right at the fork in the ramp and merge into IL-83 North. Proceed to the Holiday Inn. It is on the east side of Route 83, just 0.5 block North of Interstate 55.

PARKING: Free

This is the Chicago Section ACS/Chicago Chemists Club/Iota Sigma Pi Annual Holiday party/meeting. At this event, everyone is a chemist (either practicing or honorary)!

Come join in the celebration with all your fellow chemists. **In addition to our technical program, Santa will be bringing gifts!** ENJOY!

We are asking you to also bring a gift!!! Please bring some canned food or other non-perishable food item (in non-glass containers) that we, as the ACS, can donate to a charity for needy people in the Chicagoland area. **Let's share our good fortune in the spirit of the season. THANK YOU!!**

JOB CLUB **5:30 - 6:30 P.M.**

SOCIAL HOUR **6:00- 7:00 P.M.**
Cash Bar
Complementary Hors D'oeuvres

DINNER **7:00 P.M.**
Please make your reservations by Tuesday, December 6 with the Section office via **phone** (847-647-8405), **fax** (847-647-8364), **email** (chicagoacs@ameritech.net), or **website** (http://chicagoacs.org).

Holiday Menu: Fresh Fruit Cup, Tomato Florentine Soup, Tossed garden salad with choice of dressing; Entrée choices: Vegetarian rolled Verdi Ricotta, Baked Salmon with cucumber/dill sauce, or Filet Mignon with mushroom cap and Béarnaise sauce on the side; Baked potato and Prince Albert blend of wax beans, green beans and carrots; Breads and butter; Apple Cobbler; Beverage

The cost to Section members who have paid their local section dues, members' families, and visiting ACS members is $32; Cost to non-Section members is $34. The cost to students and unemployed members is $16.00. Seating will be available for those who wish to attend the meeting without dinner. Tables of 8 or 10 are available and may be reserved at this time. PLEASE HONOR YOUR RESERVATIONS. The Section must pay for all dinner orders. No-shows will be billed.

CHANGING OF THE GAVEL **8:10 P.M.**

Outgoing Chair Russ Johnson will turn over the gavel to the incoming 2006 Chair Barb Moriarty.

NOTICE TO ILLINOIS TEACHERS

The Chicago Section-ACS is an ISBE provider for professional development units for Illinois teachers. Teachers who register for this month's meeting will have the opportunity to earn up to 3 CPDU's.

GENERAL MEETING **8:15 P.M.**

Dr. Charles P. Casey, 2005 Immediate Past President of the American Chemical Society

Topic: "Challenges for Chemists"

Abstract: As the 2004 President of the American Chemical Society, I tried to focus attention on the challenges that chemists and chemistry face. Some of these challenges were outlined in the National Research Council report "Beyond the Molecular Frontier: Challenges for Chemistry and Chemical Engineering". I have tried to catalyze discussion of the key problems that chemistry faces. I urge all chemists to make a list of five major societal problems that will require advances in basic chemistry and of five advances in basic chemistry that will enable new opportunities for chemists. This is the kind of information that chemists need when presenting the case for support of chemistry to the public, to Congress, and to non-chemist leaders of government science agencies. We need to tell

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undergraduates that they are needed to address these important challenges.

Another challenge faced by chemistry is rethinking graduate education in chemistry. The Carnegie Initiative on the Doctorate has helped to bring together 12 universities to share their ideas on retooling the Ph.D. in chemistry. At the University of Wisconsin-Madison, we are reexamining the Ph.D. program because we recognize the growing interdisciplinary nature of research and the increased emphasis on teamwork. We are also questioning whether the traditional research divisions still make sense. We have begun the process by considering the characteristics our successful graduates should possess and whether current requirements are the best way to achieve these outcomes.

Biography: Dr. Charles P. Casey is Homer B. Adkins Professor of Chemistry at the University of Wisconsin-Madison. His research focuses on mechanistic organometallic chemistry. Current studies focus on the mechanism of hydrogenations involving catalysts that simultaneously transfer an acidic hydrogen and a metal hydride. He is author of more than 250 papers in organometallic chemistry. He has served as Chairman of the Organometallic Subdivision of the ACS and as Chairman of the Inorganic Chemistry Division of the ACS, and is a member of the editorial advisory board of the *Journal of the American Chemical Society*. He was President of the ACS in 2004. In 1993, he was elected to the National Academy of Sciences and to the American Academy of Arts and Sciences. He received the A.C. Cope Scholar Award of the ACS in 1988 and the ACS Award in Organometallic Chemistry in 1991.

FOOD DRIVE

We will be collecting canned goods for charity at the December Holiday Party. Please bring at least one can of food to donate when you come.

Last year you donated about 500 pounds of food that went to the Loaves and Fishes Community Pantry for distribution. This matched what we collected last year. Let's try to beat last year's record!

The mission of the Chicago Section of the ACS is to encourage the advancement of chemical sciences and their practitioners.

HOLIDAY PARTY

Get those fingers ready to make reservations for the annual Chicago Section, American Chemical Society holiday party on Friday, December 9, 2005. This year the Hospitality committee plans to use the same plan successfully implemented by Fran Kravitz the past two years that made the holiday gift raffle more efficient. Prior to the meeting, gifts will be numbered randomly and placed on tables in the back of the dining room. Each attendee will draw a number when they register that evening for the meeting. Please attach that number to your name badge.

Gifts will be handed out by volunteers throughout the evening by calling up groups of individuals having a series of numbers. Larger gifts such as dinner certificates or gift certificates will be announced separately throughout dinner. Meeting attendees are asked to claim their gift only during the time their numbers have been announced. Those individuals who forget to claim their gift will have another opportunity to claim them at the end of the evening. Individuals must present their number in order to pick up their gift. There will be no exchanges for anyone who is unhappy with their raffle gift. These gifts are only meant to be token items.

Door prizes of wine will only be handed out to those 21 or older. A substitute prize will be handed out to students under the age of 21. As always, please do not open your wine at the table.

RICHARD CORNELL
HOSPITALITY CHAIR

In This Issue

Features

In Every Issue

"CHEM SHORTS" For Kids

The Elementary Education Committee of the Chicago Section ACS presents this column. They hope that it will reach young children and help increase their science literacy. Please cut it out and pass it on to your children, grandchildren, or elementary school teachers. It is hoped that teachers will incorporate some of the projects in this column into their lesson plans.

A Chemical Artist

Kids, in this activity you can use some chemistry, your creativity, and a little muscle power to make a unique piece of artwork from a newspaper. You will need a newspaper with color pictures (like *USA Today*), scissors, vinegar, cotton swabs, a popsicle stick, white paper, and paper towels.

Use your scissors to cut out a small (5cm x 5cm or smaller) color picture or comic from the newspaper. Dip a cotton swab in vinegar and wipe it on the picture. Make sure you cover every part of the picture with vinegar. Place the picture between two paper towels and press hard for 5 or 10 seconds to dry off any excess vinegar. Place the picture face down on a piece of white paper. Place another piece of white paper on top and rub hard with the end edge of a popsicle stick. Make sure to rub over the entire picture. Lift the upper paper and then remove the piece of newspaper. You should have a transfer of the picture on the bottom white paper. What do you notice about the picture? Do you think there is enough ink left on the picture to make another transfer? Try it and see. Experiment with several different pictures on the same paper to make your own artistic creation.

What's going on here? The ink used on the newspaper is not easy to dissolve with water. This is good because the ink is less likely to smudge when the newspaper gets wet from rain or water spills. However, this ink will dissolve a bit better in a weak acid such as acetic acid, and vinegar is dilute acetic acid.

Here's something a little bit different. Repeat the above activity except this time transfer something with words on it. What do you notice about the words on your transfer? Here's a way that you can make the words easier to read: Flip the paper over and use a cotton swab to rub a little baby oil on the back of the paper. What do you notice? Are the words easier to read now?

Think about this... The image you get after making a transfer is similar to what an artist gets by making a print. In both cases, the final image is the reverse of what was used to make it. To make a print, the artist uses special tools to scratch and carve the surface of a stone plate. Paint is rolled onto the stone and then paper is laid down on the paint. Absorbent material, such as felt, is placed on top of the paper and the entire stack of materials is put through a press. When the paper is lifted off the stone, it is a reversed image of what was carved into the stone. This means that for a print to come out the way the artist wants, the entire thing needs to be carved in reverse to begin with!

Reference:
http://www.chemistry.org/portal/a/c/s/1/wondernetdisplay.html?DOC=wondernet\activities\art\collage.html
(an easier way: Google "wondernet" to get "WONDERNET! Chemistry activities for kids, parents and teachers" and follow the links for Chemistry & Art.)

EDITED BY K. A. CARRADO,
ARGONNE NATIONAL LABORATORY

All past "ChemShorts": **http://membership.acs.org/C/Chicago/ChmShort/kidindex.html**

December, 2005 Vol. 92, No. 10. Published by the Chicago Section of The American Chemical Society, Editorial Staff: Cherlyn Bradley, Editor; Fran Kravitz, Copy Editor; Fadwa Al-Taher and Richard Treptow, Proofreaders; Avrom Litin, Publications Business Manager. Address: 7173 North Austin, Niles, Illinois 60714; 847/647-8405. Subscription rates: $15 per year. Frequency: monthly-September through June.

JOB CLUB

The next meeting of the **Chicago Section ACS Job Club** will be held on **Friday, December 9 at Holiday Inn Willowbrook** at 5:30 p.m. The meeting will include a review and discussion of some of the tools that a chemist can use to conduct a job search.

The Job Club provides a continuing opportunity for unemployed members of the Section to meet with one another, share their experiences and develop a network that may help in identifying employment opportunities. Bring plenty of resumes and business cards to distribute to your colleagues. Be prepared to talk about what kind of job you are seeking.

Several participants have received outsource help with resume preparation and marketing strategies to present their best attributes to prospective employers. The group has critiqued some individual resumes and made suggestions for improvements in a positive way!

The Job Club is also for employers seeking chemists. Employers need to be prepared to describe the positions to be filled and requirements for these positions.

Should you wish to attend the Section's dinner meeting following the Job Club, the cost is $16 and you can continue your networking activities. Please call the Section office for reservations and indicate that you are eligible for a discount.

Also, the Chicago Section's website has a link to the Job Club's yahoo job forum group. If you can't attend the Job Club, you can still find out about job openings and other information.

ALMA E-NEWS

Solvent Extractions

This month's safety issue deals with solvent extractions. Refluxing extractions are so common and have been performed safely so many times in most labs that analysts tend to become complacent about the potential for accidents when bringing highly flammable liquids in contact with a heat source. This is a good area to perform a safety audit to make sure that the equipment is in good shape and that appropriate precautions are taken. Examine the glassware to make sure that there are no scratches that can cause it to break upon heating.

Also, consider the consequences if the flask does break during the procedure — some labs continue to use heating mantles where the hot solvent would come in contact with the hot filament. After this happened in my lab several years ago, we replaced all of our heating mantles with heating elements that are isolated and most of the solvent is contained if the flask breaks.

Although extractions are usually performed in a well-ventilated hood, you should still consider the potential for igniting vapors. For example, make sure that Powerstats, outlet strips, or other potential sources for an electrical arc are located outside the hood or well away from the extraction area. And, as always, make sure that the analyst uses the appropriate personal protective equipment when performing the procedure.

Also related to solvents, you might check the electrical grounding of your waste disposal containers. These containers are commonly grounded to prevent electrostatic discharge from igniting vapors during solvent transfer. Several years ago, I found some of the containers with ground wires attached to painted surfaces which did not provide the required conductivity in my lab. To be sure that these containers are properly grounded, check continuity with a multi-meter.

If you have any comments, cost saving suggestions, or opinions, contact me at the email address below.

Past ALMA (Analytical Laboratory Managers Association) e-News editions are available at the website **http://www.labmanagers.org/**. This one is from the June 2000 edition.

WAYNE COLLINS
wayne.collins@thermo.com

CHICAGO SECTION'S ELECTION RESULTS

The ACS Chicago Section's Tellers Committee met on Friday, October 21, 2005 to count the ballots for the 2005 election. There were 475 ballots received as of noon on that day. Of these, 469 ballots were counted and six ballots were invalid. The results are as follows:

Chair: Barbara Moriarty

Chair-Elect: Kenneth Fivizzani

Vice-Chair: David Crumrine

Secretary: Margaret Stowell Levenberg

Treasurer: Robin Zavod

Directors: Cherlynlavaughn Bradley
Herb Golinkin
Marilyn Kouba
Fran K. Kravitz
Milt Levenberg
Peter Lykos
Steve Sichak

Councilors: Roy Bible, Jr.
Charles Cannon
Mark Cesa
Thomas Kucera
Gayle O'Neill

Alternate Councilors: Fran Clifton
Herb Golinkin
Inessa Gorelik
Milt Levenberg

Officers, directors, councilors, and alternate councilors take office January 2006.

Thanks to all the candidates for participating and congratulations to the winners!

MARILYN KOUBA, CHAIR
TELLERS COMMITTEE, 2005

CHICAGO CHEMISTS' CLUB

Club History

The Chicago Chemists' Club was chartered December 30, 1919 as a social organization to promote good fellowship and camaraderie among Chicago-area chemists. Through the years, the Club roster has included many prominent members of the chemical profession.

Social Events

The social calendar of the Chemists' Club includes ten dinner meetings per year where spouses and/or guests are welcome to attend. Meetings are usually on the second Wednesday of the month at various restaurants in the Chicago area featuring a variety of cuisines. We present timely, stimulating speakers in fields such as science, politics, medicine, etc., and folk-singers, artisans and world travelers with their videos. In the spring the Club has a dinner-theater party. In November, jointly with the ACS Chicago Section's Education Meeting, we present the Bernard Schaar Memorial Award to the first-place winner of the ACS high-school chemistry examination. The Club is also a co-sponsor of the ACS Chicago Section's annual Holiday Party in December.

Membership Benefits

Membership dues are $50 per year. As a non-profit organization, the Club returns a portion of these dues to its members in the form of dinner price reductions. The Club also publishes a newsletter, *The Stirring Rod*. The Club has proven to be a valuable venue for exchange of technical knowledge.

Joining the Club

Membership is open to chemists, chemical engineers and allied scientists. A person wishing to join the Club must be sponsored by an active member and complete an application which is approved by the Board of Trustees.

IOTA SIGMA PI

Iota Sigma Pi is a national honor society for women in chemistry. Its major objectives are:

- to promote interest in chemistry among women students
- to foster mutual advancement in academic, business, and social life
- to stimulate personal accomplishment in chemical fields

It was founded in 1902 and was organized on a nation-wide basis in 1916. Over 10,000 members have been initiated into this organization. More than 40 local chapters have been established in various colleges, universities, and metropolitan areas. The Aurum Iodide chapter in Chicago was established in 1939.

Iota Sigma Pi serves to promote the advancement of women in chemistry by granting recognition to women who have demonstrated superior scholastic achievement and high professional competence by election into the honor society.

PATENT TRUTHS - KID STUFF

Editor's Note: The National Chemistry Week's theme this year has been "The Joy of Toys." The following article is reprinted from ACS's CHAL (Chemistry and the Law) *Newsletter,* Vol. 19, No.1 with the permission of CHAL and the article's author, Howard Peters. Some of the websites have been updated by the editor since the last printing of this article by CHAL. This article was first published in the *Chemical Bulletin* in the December 2003 issue.
(Cherlyn Bradley)

———

I have found some great web sites for the kid in all of us. Some of the information below is summarized from these sites.
See **http://inventors.about.com/library/inventors/bltoy.htm**

1. MONOPOLY® the classic board game was copyrighted in 1934 and patented as U.S. No. 2,026,082, on December 31, 1935 by Charles B. Darrow of Germantown, Pennsylvania. He had already been turned down by Parker Brothers. The street names and other places are taken from sites in Atlanta City, New Jersey — the familiar popular family beach resort. So in the middle of the Great Depression, he had 5,000 games assembled — by hand. They sold out quickly at Wanamaker's Department Store in Philadelphia. Darrow couldn't keep up with the demand so he went back to Parker Brothers and the rest is history. Over 200 million games have been sold worldwide. See **http://www.hasbro.com/monopoly/**

2. LINCOLN LOGS® were invented by John Lloyd Wright in 1916. Wright was the son of the famous architect, Frank Lloyd Wright, and claimed he was inspired by the interlocking foundation of the Imperial Hotel (the earthquake proof building) in Tokyo, Japan. (The day the Imperial Hotel opened in 1923, the massive Tokyo earthquake and fire destroyed all buildings for miles. But the hotel survived intact and operating.) By 1975, more than a million sets of LINCOLN LOGS® were being sold annually. See **http://www.ideafinder.com/history/inventions/lincolnlogs.htm**

3. The modern plastic Frisbie® was invented by Walter Morrison (U.S. No. 3,350,67. The Frisbie Baking Company of Bridgeport, CT sold pies o local New England colleges including Yale University. The metal pie tins were sailed by Yale students. Students would yell "Frisbie" when someone was about to be hit by the sailing metal tin (like "fore" in golf). The plastic Frisbie® was popularized by Wham-O of Southern California. Morrison received more than $1,000,000 in royalties from two USC graduates, Rich Knerr and Spud Malin, the founders of Wham-O. See **http://inventors.about.com/library/weekly/aa980218.htm**

4. The modern Hula Hoop® was really not protected by patent and sales were subject to cut-throat competition. Research chemists Paul Hogan and Robert Banks of Phillips Petroleum in Oklahoma invented MARIEX® plastic, a blend of crystallized polypropylene and high density polyethylene (HDPE), U.S. Patent 2,825,721 (see National Inventors Hall of Fame at **www.invent.org**). Twenty million hula hoops were sold by Wham-O) in 6 months in 1958 for $1.98. It was a great use for this new polymer. See **http://inventors.about.com/library/inventors/blhulahoop.htm**

5. SILLY PUTTY® was invented by James Wright at GE's New Haven, CT labs. Boric acid and silicone oil produced a novel goo that bounced further than rubber. But no one could find a practical use for this unusual product. In 1949 unemployed advertising man Peter Hodgson saw "nutty putty" at a party. He borrowed $147, bought the production rights from GE and produced the elastomer. It was packaged in plastic eggs and sold just before Easter. It was an instant hit first with adults and later with kids. When Hodgson died in 1976, he left an estate of over $140 million. See **http://sillyputty.com/history_101/timeline/timeline.htm**.

6. PLAY-DOH® was invented by Joseph and Noah W. McVicker in 1956 and they received U.S. Patent 3,167,440 issued in 1968. It really is based on a well know wallpaper cleaner formulations used in the East to remove residual winter coal and fuel dust. The similarity to modeling clay without toxicity made for a great toy. Joe McVicker became a millionaire before his 27th birthday. See **http://inventors.about.com/od/pstartinventions/a/playdoh.htm**

7. Barbie® was created by Ruth Handler in 1957. She and her husband Elliott, a Stanford MBA, had founded Mattel Toy Co. in El Segundo, CA. In the first year of sale in 1959, almost 400,000 Barbie® dolls were sold for $3 each. Mattel almost went bankrupt in 1974. Ruth and Elliott Handler were fired when she was indicted for securities fraud (deja vu — all over again). But Barbie® has prospered. The Barbie® Doll Hall of Fame in Palo Alto is now closed. Mattel purchased the collection three years ago and moved it to southern California where it is still in a warehouse. It is slated to reopen — sometime. See **http://barbie.everythinggirl.com/**

8. LEGO® was created by Ole Kirk Christiansen and his son Godtfred (age 12) in 1932 in Bellund, Denmark. The original LEGO's were wooden. The LEGO® company in 1947 was the first company in Denmark to use a plastic injection - molding machine. LEGOLAND® in Bellund, Denmark opened in 1968. Billions have been produced over the past 70 years. This family has become one of the wealthiest in Denmark. See **http://www.lego.com/eng/info/?page=timeline**

9. The ERECTOR SET® was created by A.E. Gilbert in 1913. Gilbert was born in Salem, Oregon in 1884. He had a gift for magic and was a brilliant student, eventually graduating from the Yale Medical School. He never practiced medicine. He also had a talent for athletics, competed in the 1908 Olympics in London and won a gold medal in the pole vault. Inspired by the construction next to the railroad going into New York City, he created the ERECTOR SET®. By time of his death in 1963, he had issued over 150 U.S. patents. Gilbert was also the creator of the classic Gilbert Chemist Set. See **http://www.erectorset.net/start.html**

Note: Dr. Peters is a founding & charter member of CHAL and a CHAL Division Councilor. He is a patent attorney in Palo Alto, California. He is also on the ACS Board of Directors as a Director-at-Large.

FREE T-SHIRTS

The Hospitality Committee raffles one T-shirt at each monthly dinner meeting. The shirt has Chicago spelled out using the periodic table. So come to a monthly meeting and maybe you'll win one! **Congratulations to T-shirt winner Neng Guo (October meeting)**

LOUIS LERNER HONORED

Long-time section member and the 1971-1976 and 1991 editor of the *Chemical Bulletin*, **Louis Lerner** marks his 90th birthday this year. He is an alumnus of Roosevelt University, which honored him with a birthday party this past February.

As reported in an issue of the alumni newsletter of Roosevelt University, "The party. . . not only marked Lerner's 90th birthday, but also celebrated the life of a hard-working man who, though of modest means, has strived to transform the University's performing arts program for the better."

Lerner taught a course in engineering science and management war training in 1945 at the University's former Wells Street location. He believed in the University's mission of providing an education to those who might not otherwise have the opportunity to get a college degree.

He lost touch with Roosevelt for more than half a century. During that span, he worked for a chemical company, ran his own business, and then worked for 25 years as a research scientist for the Gillette Company. At Gillette, he invented products ranging from shaving cream to curlers and obtained nearly 100 U.S. patents.

When Gillette moved to the Boston area, Lerner took a job as an investigator and arbitrator of chemical compliant cases at the Federal Trade Commission in Chicago, where he also worked for 25 years.

Lerner and Roosevelt University reconnected nearly a decade ago through, oddly enough, music and theater. It started with his helping to provide the University's music students with season tickets to the Lyric Opera of Chicago and has grown through the years with his generous giving.

Our sincere wishes for your continued health and inspiration Louis!

SECTION DUES

Members are urged to pay the $15 Section dues with your annual ACS membership dues statement. The Section needs this revenue to help support its activities.

POP TOP RINGS COLLECTION

Instead of throwing away those pop top rings from your pop cans, please bring them to the dinner meeting so we can donate them to a program at Ronald McDonald House.

Have a Happy and Safe Holiday Season

Advertising Index

CALENDAR

December 9, 2005: Chicago Section's Holiday party and dinner meeting at the Holiday Inn Willowbrook. Dr. Charles Casey, Immediate Past-President of ACS, is the scheduled after-dinner speaker. (See this issue)

January 20, 2006: Chicago Section Dinner Meeting.

January 21-26, 2006: Lab Automation 2006 will be held in Palm Springs, CA. For more information, go to **labautomation.org/LA/LA06**.

February 8, 2006: Chicago Section's joint Dinner Meeting with AIChE at Abbott Labs. Note that this meeting is on a Wednesday.

February 25, 2006: DuPage County Engineers Week. The theme is "Women in Science and Engineering". Stay tuned for further information.

March 12-16, 2006: PittCon 2006, Orange County Convention Center, Orlando, FL. For further information, go to **www.pittcon.org** or call (412) 825-3220.

March 17, 2006: Chicago Section Dinner Meeting.

March 24, 2006: ALMA Chicagoland Meeting will be held at UOP in Des Plaines, IL starting at 11:30 a.m. and concluding by 4 p.m. The topic will be: "BRING YOUR PROBLEMS TO ALMA." At this meeting, please be prepared to discuss 3 problems with your colleagues. For further information, contact Dave McDonald (847-970 5262, **dmcdonald@usg.com**).

March 26-30, 2006: The 231st ACS National Meeting will be in Atlanta, GA.

April 28, 2006: Chicago Section Dinner Meeting.

May 13-18, 2006: American Industrial Hygiene Conference and Exposition, Chicago. For more information, go to **http://www.aiha.org**.

May 19, 2006: Chicago Section's Gibbs Award Banquet Meeting.

May 31-June 2, 2006: The Great Lakes Regional Meeting, Hyatt Regency Hotel, Milwaukee, WI. The theme is "A Festival of Chemistry in the City of Festivals".

June 23, 2006: Chicago Section Dinner Meeting.

September 10-14, 2006: The 232nd ACS National Meeting will be in San Francisco, CA.

September 29, 2006: Chicago Section's Education Night/Dinner Meeting.

October 20, 2006: Chicago Section/Northwestern University joint Dinner Meeting. This is the Basolo Medal Award and Lecture meeting.

November 17, 2006: Chicago Section Dinner Meeting.

December 8, 2006: Chicago Section's Holiday Dinner Party and Meeting.

DO NOT DELAY
DATED MATERIAL

CHICAGO SECTION, AMERICAN CHEMICAL SOCIETY
THE CHEMICAL BULLETIN
7173 NORTH AUSTIN
NILES, ILLINOIS 60714

Nonprofit Organization
U. S. POSTAGE
PAID
Chicago, IL
Permit No. 171