

theCHEMICALbulletin

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NOVEMBER • 2001

CHICAGO SECTION AMERICAN CHEMICAL SOCIETY

Regular Monthly Meeting

FRIDAY, NOVEMBER 16, 2001

Steven's Steak House
476 N. York Road
Elmhurst, IL
630-834-6611

DIRECTIONS TO THE MEETING

From Downtown Chicago: Take Eisenhower Expressway (290) west to York Road. Turn right on York Road (south) to Steven's, which is on the right side of street.

From the North: Take 294 South to 290 West Rockford. Exit York Road and turn right (south). Proceed to Steven's.

PARKING: Free

TOPICAL GROUP: 5:30 — 6:30 P.M.

"Space Food" or "Chowing Down Overhead: Foods for Spaceflight" presented by Eric Ryden

Abstract: People have been traveling into space for forty years. This presentation will discuss the evolution of foods developed for spaceflight and how the goals of the Mercury, Gemini, Apollo, Skylab, Apollo-Soyuz, and Space Shuttle programs have influenced the foods required. In addition, the contributions of regenerative systems to grow food and process wastes in space to support long duration programs such as Moon or Mars missions will be introduced.

Biography: Eric Ryden received a B.S. in Science (Biology) from Purdue University in West Lafayette, Indiana in 1986. He has ten years experience in the food industry working as a food technician and food technologist in new product development and as a technical sales representative for food processors and food ingredient manufacturers.

SOCIAL HOUR: 6:00- 7:00 P.M.
Cash Bar available with Hor d'oeuvres

DINNER

7:00 P.M.

Menu: Menu: Clam Chowder, tossed salad with choice of three dressings, Beef Filet Brochette, wild rice, fresh vegetables, rolls and butter, butter pecan ice cream, and beverage. Also available are a fish entrée (Tilapia Piccata) or vegetarian entrée (Portabella Mushroom) upon request at the time of reservation.

Dinner reservations are required and should be received in the Section Office via phone (847-647-8405), fax (847-647-8364), or website (<http://membership.acs.org/C/Chicago>) by noon on Tuesday, November 13, 2001. The dinner cost is \$27.00 to Section members who have paid their local section dues, members' families, and visiting ACS members. The cost to non-Section members is \$29.00. The cost to students and unemployed members is \$13.50. PLEASE HONOR YOUR RESERVATIONS. The Section must pay for all dinner orders. No-shows will be billed.

GENERAL MEETING

8:00 P.M.



Dr. Natalie Foster, Lehigh University, Bethlehem, PA
Title: Where No One Has Gone Before: Chemistry in Star Trek

Abstract: As any fan of Star Trek will tell you, the 23rd Century began with the fall television season in 1996. The original Star Trek series was followed by Star Trek: The Next Generation, which offers us a view of the universe eighty years beyond that of the original show, and into the 24th Century.

The twenty-five "earth years" separating the two shows have witnessed a remarkable expansion of our knowledge about science, as well as changes in the public's perception of science. Major advances involving biotechnology, DNA and the genetic code, medicine, and materials have been mirrored in different approaches to similar problems encountered by both crews of the Enterprise. How far science has come in this quarter century, and what the general public thinks of the pursuit, is illustrated in the comparison of the two programs.

Biography: Natalie Foster is an associate professor of chemistry at Lehigh University in Bethlehem, PA, where she is currently studying poly(vinyl alcohol) gels by NMR as part of a larger interest in the influence of intermolecular interactions on NMR relaxation times. She is also currently working on a freshman chemistry textbook.

Far more impressive, however, is Foster's startling disclosure, now revealed

(continued on page 2)

NOTICE TO ILLINOIS TEACHERS

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

(continued from page 1)

for the first time: Time travel will definitely be a reality. She admits that this will have the dire consequences of forever confusing verb tenses for generations of English scholars. She has served / will serve in the 24th Century aboard the U.S.S. Enterprise on its continuing mission under the command of her mentor and very close personal friend, Captain Jean-Luc Picard. She adds that she is undergoing / has undergone special Federation training and, for reasons she cannot disclose under provisions of the Prime Directive, she is pursuing / has pursued intensive anthropological inquiries into the politico-cultural role of dining in fine restaurants featuring excellent wine cellars. She always has welcomed / will continue to welcome suggestions and support for this study, since clearly the future of the Universe is in the balance.

HOW MANY ELEMENTS DO YOU KNOW?

Take this quiz to see how many of the elements you know about. Choose answers to the following questions from the list of elements below.

What element.....

1. has the same name as a U.S. coin?
2. is a metal and is found in blood?
3. is an important mineral found in milk?
4. is needed in order for something to burn?
5. is used in glowing signs?
6. makes balloons float?
7. is found in toothpaste to help prevent cavities?
8. is used to make airplanes?
9. helps to purify water in swimming pools?
10. is used to make jewelry?

Oxygen	Neon
Helium	Chlorine
Platinum	Fluorine
Aluminum	Iron
Calcium	Nickel

The answers are on page 7.

FREE T-SHIRTS

The Hospitality Committee will be raffling off 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 can win one.

FRAN KAREN KRAVITZ
HOSPITALITY COMMITTEE CHAIR

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"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 science literacy. Please cut it out and pass it on to your children, grandchildren, or elementary school teachers. It is hoped that teachers will try to incorporate some of the projects in this column into their lesson plans.

Chemistry & Art — Frescoes

Kids, a fun event called National Chemistry Week will take place this year Nov. 4-10, 2001. Check other articles in the Bulletin for details in the Chicago area.* The theme this year is "Celebrating Chemistry & Art". One of the related activities suggested on the American Chemical Society's website will be highlighted here.

Fresco means "fresh" in Italian. Paintings done on wet plaster are called frescoes because the plaster is fresh; this means that the plaster was still wet when the artist painted on it. One of the most famous frescoes ever painted took four years and was finished in 1512 by Michelangelo. It was painted 70 feet above the ground on the ceiling of the Sistine Chapel in Rome, Italy. Here we'll learn the technique that Michelangelo and his helpers used to make this work of art.

The materials you will need are: a small disposable plastic dessert plate and plastic cup, a "craft stick" (popsicle stick), plaster of Paris, water, acrylic paints or poster paints, and a paintbrush. The procedure is to put 2 tablespoons (T) of plaster of Paris in a small cup, add 1 T of water, and stir with the craft stick until the mixture is smooth. Pour the wet plaster onto the plastic plate. Smooth the plaster out with the craft stick until it covers the bottom of the plate. Dip the brush into one color of paint and paint the plaster right away. Before the brush is dipped into the paint a second time, rinse the paintbrush well in a cup of rinse water. (If the brush is not rinsed before being dipped into the paint each time, plaster will get into the paint).

Is painting on plaster different than painting on paper? Experiment with the interesting designs that can be made as the paint and paintbrush are dragged through wet plaster. What happens to the surface of the plaster as it begins to harden? Does it become more difficult to paint? When the fresco is completely dry, twist the plate gently. This will loosen the fresco so that it comes out easily.

So, what is the chemistry here? As the

fresco dries, a chemical in the wet plaster called calcium sulfate hydrate combines with water and hardens before all the water can evaporate. Therefore it doesn't shrink, and the fresco can last a very long time. If your fresco is kept safe it will last a long time, too.

As an additional activity, consider entering the 2001 poster contest called "Celebrating Chemistry: Then and Now". Judging categories are grades K-2, 3-5, 6-8, and 9-12. Call the ACS Office of Community Activities at 1-800-227-5558, ext. 6097 for details.

Submitted by Dr. K. A. Carrado, Elementary Education Committee.

References: Go to the website www.acs.org/ncw for general details, and to the "activities and articles" section for this activity. We also used www.artlex.com/ArtLex/p/plaster.html for this column.

* Chemistry Day in Chicago will be celebrated this year at the Adler Planetarium on November 3, 2001.

CONTINUING EDUCATION SEMINARS

The Continuing Education and Professional Relations Committees are continuing the series of short courses on Saturday mornings, 9:00 to 12:00, at Loyola University, 6525 N. Sheridan Rd., Cudahy Science Building, room 207.

The November course to be held on Saturday, November 17 will be on Statistics for Chemists given by Kenneth Brubaker of Argonne National Laboratory. This presentation is intended for chemists whose previous exposure to statistical concepts range from no exposure to an introductory general statistics course, and who want to understand the application of basic statistical concepts in their work environment. The topics to be covered include basic concepts, statistical testing and decision making, and analytical applications such as determination of detection limits.

The cost of the seminar is \$10 (free to unemployed chemists). A parking garage is available on the Loyola campus and it is also easily reachable by public transportation.

For further details or to register call the section office, 847-647-8405.

REGISTER TO ATTEND MONTHLY SECTION MEETINGS ON LINE

at
<http://membership.acs.org/C/Chicago>

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CONTACT THE CHAIR

Do you have any questions, suggestions, recommendations, ideas, gripes, complaints, pet peeves relating to the Chicago Section? Do you want to volunteer, help out, lend a hand with Section programs or activities? Then contact your Chair. Simply log onto the Section's Web Page at <http://membership.acs.org/C/Chicago>, find the green button "Contact the Chair", and send me an e-mail. If I can answer your query I will respond personally. If I can't I will forward your e-mail to someone who can, or try to provide you with a contact. All in a timely manner. The Section belongs to you and the other 5,475 ACS members who reside in the Chicago area (northeast Illinois and northwest Indiana). Only you can make it work for you by being involved. Only you can make it fail by not being involved. I look forward to hearing from you.

Herb Golinkin
Chair

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ANALYSIS FOR THE CHEMICAL ELEMENTS

REPORT OF COUNCIL MEETING HELD ON AUGUST 29, 2001 AT THE CHICAGO SHERATON HOTEL AND TOWERS

The 222nd National Meeting of the ACS was held right here in Chicago. Attendance at this meeting was reported to be 15,290; there were 6089 papers in 66 sessions and 328 exhibiting companies using 533 booths. Between the two meetings in 2001, more people attended the ACS national meetings in its 125th year than in any prior year of the society's history. In addition, the Virtual Tradeshow, which was offered this year for the first time, was also popular; there were 128,000 hits on the tradeshow.

The council meeting began with the now customary trumpet fanfare by John Verkade. The Chicago section was fully represented by twelve councilors and one alternate councilor. The councilors for the section are: Dr. Roy H. Bible Jr. (1964-2002), Dr. Cheryl Bradley (1993-2004), Dr. Charles E. Cannon (2001-2002), Dr. David S. Crumrine (2001-2003), Mr. Nathaniel L. Gilham (1988-2002), Dr. Russell W. Johnson (2001-2004), Ms. Fran K. Kravitz (1992-2003), Dr. Thomas J. Kucera (1970-2002), Dr. Claude A. Lucchesi (1974-2003), Dr. Barbara E. Moriarty (1996-2004), Dr. Seymour H. Patinkin (1978-2004), Ms. Marsha Anne Phillips (1998-2003) and Mr. Stephen Sichak (1980-2003). Jim Shoffner was present at the meeting as a Director-at-Large, while Ellis Fields was present as a past president of the society. Both Jim and Ellis are exofficio councilors.

This was the last council meeting for Halley Merrell. Halley is retiring at the end of the year after 38 years of dedicated service to the society. For the last 10 years he has been the Secretary of the society. Halley received not one but two standing ovations from the council for all his hard work.

Elections were held for the three elected committees of the Council. These committees are the Committee on Committees (ConC), the Council Policy Committee (CPC) and The Committee on Nominations and Elections (N & E). Congratulations to Tom Kucera who was elected to CPC.

At the last meeting, President Attila Pavlath mentioned that he had contracted an outside organization to do an online survey of ACS members. Judith Giordan gave a brief overview of the results from this ACS Member Electronic Poll survey, conducted by Greenfield Online. The survey was sent to 90,000 ACS members and 8009 surveys were returned for a 9.7% return rate. There were also ~10,000 bouncebacks. The number of sur-

veys returned was said to be statistically representative of the ACS overall. Due to the short time allowed for the presentation, not many details from the survey results were provided. Two pieces of information provided were of interest to me. First, most (92%) members would suggest membership to their non-member colleagues based on the publications of the society. Second, most members did not participate and had little interest in local section activities. The survey results will be used as important indicators for activities in 2002. As more information from the survey is provided, we will continue to keep you informed. If you are one of those people who were not interested in local section activities, let us know why and what local section activities would interest you.

If you haven't looked at the ACS webpage lately, you are in for a big surprise. At the San Diego meeting, Chemistry.org was launched. At the Chicago meeting, a new version of Chemistry.org was launched, with accelerated application of portal technology. As an aside, you can access the ACS's 3-year strategic plan that defines the ten strategic thrusts, which focus on the three I's: the **Individual** needs of members, using the **Internet** and **International** collaboration via the internet.

A report from the Budget and Finance Committee indicated that 2001 would be the first year in many that the society will experience a deficit. This is because of unfavorable conditions in our investments. On a positive note, CAS is projected to provide a favorable performance because of better than expected revenues from SciFinder.

The presidential events for the year 2002 will focus on diversity, globalization, energy policy and technology, and interdisciplinary education. Anniversaries will be celebrated next year for the Women's Chemist Committee (75th), Corporate Associates (50th), the National Organization for Black Chemists and Chemical Engineers (NOBCChE, 30th) and the Chinese American Chemical Society.

A petition was approved by the Council to change the meeting registration categories so that nonmember chemical scientists residing outside the US would pay a nonmember meeting registration fee. Before this change, nonmember chemical scientists residing outside the US paid a lower rate than nonmember chemical scientists residing in the US. Thus, a nonmember chemical scientist living in Canada would pay a meeting registration fee similar to the rate paid by members. Nina McClelland reported that there would be a pilot program with 5 other societies around the world to share memberships. The Meetings and Expositions Committee also announced that meeting registration fee

for members would be increased in 2002, by \$10 to \$265.

A second petition was approved to clarify requirements for membership to include people who have an associate degree or equivalent in a chemical science or chemical technology and five years employment in a chemical science.

If you consider data provided by the National Employment Clearinghouse (NECH), employment continued to be good for chemists. The Committee on Economic and Professional Affairs (CEPA) reported that there were 169 employers at the clearinghouse interviewing for 1392 potential hires; there were 1105 candidates. In addition, there were 38 programs at the Career Resource Center, offered by the ACS Department of Career Services and some of the nearly 1000 career consultants. The ACS launched a new online employment service entitled JobSpectrum.org on June 1, 2001. This is expected to compete with current online employment services such as Monster.com.

The Committee on Local Section Activities reported that the theme of the 2002 National Chemistry Week celebration would be "Chemistry Keeps Us Clean." Beginning in 2002, National Chemistry Week will be the fourth week in October, instead of the first week in November.

The Council approved a new division of Laboratory Automation (probationary status). The objective of the new division is to openly exchange and disseminate technical information regarding the use of computers, robotics, automation tools and other related technologies as applied to the study and practice of automation in chemical and related sciences.

If you have any questions and/or comments about the above actions, please contact me or one of the other councilors.

BARBARA MORIARTY

HOSPITALITY MENTORS

The Hospitality Committee is looking for Chicago Section members who enjoy helping new members become acquainted with the Section. You will be paired up with a new member who would like to learn about the Chicago Section and have a person to join them at a monthly dinner meeting. It is always hard to feel comfortable when you are new and don't have anyone to talk at a monthly dinner meeting. Let's show others how warm the Chicago Section can be! If you are interested please contact Fran Kravitz at (630) 293-4122 or e-mail FK1456@aol.com.

FRAN KAREN KRAVITZ
HOSPITALITY COMMITTEE CHAIR

WHAT'S IT ALL ABOUT

This memorial column contains selected excerpts of an article that Louis J. Sacco, Jr. wrote in October 1990. This article was dedicated to ideas that were near and dear to his heart. The editorial staff of the Chemical Bulletin hopes that our readers will find it as informative as it was in 1990. The numbers have been revised to reflect current values.

The kinds of volunteer work that one finds themselves in sometimes uniquely qualify them to write about a certain topic. I am in that position here in the Chicago Section of the American Chemical Society when I write about the dues of the Section and what they mean.

DUES ARE, WITHOUT QUESTION, FINANCE!

Sources of income for the Section are: 1) National ACS allotment, 2) Local Section Dues, 3) Advertisements, and 3) Investments.

Our 2001-2002 budgeted expense is \$204,270.

Through the years major efforts have been made to conserve capital without sacrificing members services. The Section is strong in the area of aid to education.

Being closely associated with those elements of Section activities as they relate to finance the value of member dues is very evident to me.

There are approximately 5600 chemists in our Section. Of these, approximately 3166 pay the Section dues of \$15. This is an estimated income of \$47,490.

The Section leadership, its Board and committees, has taken strong steps to rein-in expenses and still maintain the high quality of our activities — the kinds of activities that have rewarded us with national recognition.

What a tremendous resource we have in our membership financially, but even more importantly in volunteers, talent, intelligence and motivation!

You are always been generous with the human elements listed above. Here is your chance to be generous in a material way. For those of you who have not drawn from benefits of Section membership and wonder what \$15 will buy, make a selection and you will be amazed at how little \$15 really is compared to a single benefit.

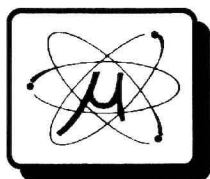
Make that effort the next time an ACS dues bill appears in your mail. You will be rewarded with a deep sense of gratification.

Help your Section by sending in your voluntary local dues when your statement arrives for National ACS. If you have already paid your local section dues, the Section wishes to thank you for your generosity.

SCHOLARS PROGRAM LOOKING FOR MENTORS!

The American Chemical Society Scholars Program is now accepting applications for the 2001-2002 academic year. **The deadline is February 15, 2002.** For application packages and more information call 1-800-227-5558, ext. 6250, or e-mail to scholars@acs.org.

Mentors Needed: The American Chemical Society Scholars Program provides more than a stipend check to those students selected to receive the scholarship. We work to identify mentors for each of the students in the program. The program currently includes 284 students, attending 160 different colleges and universities and will expand to 350 students for the 2001-2002 academic year. If you are interested in becoming a mentor for one of our students, please contact the ACS Scholars Program, Department of Diversity Programs, 1155 16th Street, N.W., Washington, DC 20036, or telephone toll-free 1-800-227-5558, ext. 6250, or send an e-mail message to scholars@acs.org.



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MY PERSONAL HIGHLIGHTS OF 222ND ACS NATIONAL MEETING

I would like to share with you some of my own experiences participating as a board member and as a member of other committees, divisions and caucuses during the national meeting just concluded. There was the theme I heard from all attendees throughout the meeting: Chicago is such a beautiful, wonderful city. We could have told them that all along.

I. From Board of Directors

I attended meetings of the board from Thursday through Sunday; including committee meetings, and executive as well as open sessions. I am a member of the board committees on Grants and Awards (G&A) and Professional and Member Relations (P&MR). In addition, I attended meetings of the Board Committee on Public Affairs and Public Relations and the Society Committees on Education and Finance.

A major theme that ran through all of the meetings was the poor performance of the financial markets thus far. With the exception of CAS, (Chemical Abstract Services), most of the other ACS programs are all coming in off budget. There are no dramatic turnarounds expected in the second half, so there is already some belt tightening taking place in existing programs.

The most interesting news coming out of G&A is the fact that starting next year, those making award nominations will have the opportunity to do so electronically. Hard copy nomination will still be accepted during a phase in period, but the aim is to move to an all-electronic filing system in a few years. In my judgment, this should greatly facilitate the nomination process.

There were several pieces of news of interest coming from Public Affairs and Public Relations (PA&PR). One has to do with a series of conferences that are held at Belmont for food editors of various newspapers. The editors are exposed to experts in the field of food chemistry who discuss some of the chemistry that occurs during the processing and preparation of food. Sounds like a very exciting conference, especially in view of the fact that the kitchen at Belmont has always been one of the major benefits of attending a conference there.

Also announced was a series of ads scheduled to appear in the New York Times, Science, and Chronicle of Higher Education. These are sophisticated ads with a very subtle message: Chemistry does good things for you. At one time, the chemical enterprise depended on the

chemical industry to publicize its accomplishments. The industry does not do much of that any longer, and perhaps this is an attempt to fill what has been a gaping void, albeit in a very modest way.

Another thrust that is being led by the Board Chair, Nina McClelland is in the area of standards. As regulations -environmental, health and safety, trade, etc- become more global and more pervasive there is an increasing need for uniformity. It is Dr. McClelland's position that the ACS should be a player in this. It certainly makes sense that as the world's largest scientific organization and the reality that chemicals and chemicals products are ubiquitous in global commerce, ACS ought to have a role. The board has agreed, and is supporting her in this initiative.

One year ago, the board approved a Presidential-Board Task Force to "Study and Make Recommendations on Issues Related to Women in the Chemical Professions." This Task Force made its final report at this meeting. The challenge now is to implement its recommendations, and there is great support on the board for seeing that they are.

II. Committee on Minority Affairs Symposium

This symposium, which I organized, on "Small Minority Chemical Businesses" took place on Monday morning, followed by the semiannual Minority Affairs Luncheon. The speaker this year was Cong. Danny Davis, (IL., 7th Dist.) who gave one of the most stirring, eloquent addresses ever heard at any ACS Meeting. I suggested that he ought to go onto the floor of Congress and give it, considering all of the wonderful things he had to say about chemists and the chemical profession.

III. Committee on Science (COMSCI)

I serve as an associate on COMSCI. At this meeting, COMSCI, in association with several other committees, sponsored a "media event" titled "Diversity in the Top 50 Universities: The Challenge to Lead." The program was inspired by a study by a chemistry professor at U. of Oklahoma, Dr. Donna Nelson. In her study, carried out by her and her students, she found that minority chemistry faculty were "woefully underrepresented in the 50 top chemistry department," with the top 50 determined by those that had spent the most on research according to NSF. Unfortunately, I was unable to attend this program because of other commitments.

IV. District V Caucus

For the past three years, I have been

chair of the District V Caucus. I have now decided to resign as chair, although I have a year left to go on my present term. The growth of the caucus has been continuous over the past fifteen years. There was a time when all of us went out to dinner immediately afterwards. It would be difficult to find a place to accommodate the entire group. We average 40-45 people for each meeting. I have enjoyed my time leading the caucus. I have been told that we have one of the best run and most informative caucuses in the society.

V. 20th Anniversary Celebration of Chinese-American Chemical Society

On Monday Afternoon, I attended a symposium titled "Perspectives on Chemical Research in the 21st Century," sponsored by the Chinese-American Chemical Society (CACS) and Cosponsored by the Div. of Professional Relations and the History of Chemistry. The symposium featured several of the leading Chinese American researchers speaking about the future direction of chemical research. The ACS president, president-elect, board member Ann Nalley, Tom Kucera and myself were all present for the observance. Norm Li, a former colleague from UOP/AlliedSignal, is now Chair of the board of CACS.

Finally, I was deeply honored to be among those announced as recipients of ACS Awards. I will receive the Dreyfus Award for "Encouraging Disadvantaged Students into Careers in Chemistry," at the award ceremonies in Orlando next spring.

JAMES SHOFFNER

ASSOCIATIONS SUPPORT RELIEF EFFORTS

In the aftermath of the tragic events on September 11, 2001, the American Society of Association Executives (ASAE) is working with the American Red Cross to mobilize financial support for the relief and recovery efforts in New York and Washington. Members of associations, and the associations themselves, who wish to make a contribution on behalf of the association community may send contributions directly to the Associations Advance America Red Cross Fund, ASAE Building, 1575 I Street NW, Washington, DC 20005. The entire proceeds will be presented to the American Red Cross as a collective representation of financial support from the USA association community and business partners. Go to <http://www.asaenet.org> for further information.

DEADLINES FOR CHEMICAL BULLETIN


Please submit all Chemical Bulletin copy to the editor before the deadlines listed below for each issue. Articles can be emailed to the editor, Cherlyn Bradley, cbrad1027@aol.com.

Since we like the Bulletin to be as timely as possible, we need the lead time indicated. You can help by early planning and submission of your information or articles.

Issue	Deadline
December 2001	10/19/01
January 2002	11/23/01
February 2002	12/28/01
March 2002	1/25/02
April 2002	2/22/02
May 2002	3/29/02
June 2002	4/26/02

CORRECT ANSWERS TO QUIZ ON PAGE 2

1. Nickel
2. Iron
3. Calcium
4. Oxygen
5. Neon
6. Helium
7. Fluorine
8. Aluminum
9. Chlorine
10. Platinum

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Women Chemists Committee
of the
American Chemical Society
is pleased to

Call for Nominations
for

The WCC Regional Award for Contributions to Diversity

Purpose: To recognize individuals who have significantly stimulated or fostered diversity in the chemical enterprises.

Nature: The award consists of \$250, a plaque, and up to \$750 for travel expenses to the ACS Regional Meeting at which the award will be presented. Eight regional awards will be given in 2002.

Establishment and Support: The ACS Women Chemists Committee

Rules of Eligibility: Nominees for the award may come from any professional setting: academia, industry, government, or other independent facility. The award is intended to recognize significant accomplishments by an individual. The award will be given without regard to the age, gender or nationality of the recipient.

Send nominations to:

Women Chemists Committee
American Chemical Society
1155 16th Street NW
Washington, DC 20036

For information regarding the award, contact Cheryl Brown, 800/227-5558 ext. 6123, or e-mail: wcc@acs.org

Deadline for receipt of nominations is February 1, 2002

NEW CAREER SERVICES PUBLICATION

In April 2001, ACS Department of Career Services published "Tips on Writing a Curriculum Vitae," a Professional & Workforce newsletter that provides guidance on how to develop this vital tool when seeking an academic position. While there is general agreement that an academic application

should include these elements — a C.V. (Curriculum Vitae), a strong cover letter, a research proposal and a teaching philosophy — there is little consensus which one is most important. This article includes the advice of seven chemistry professors on how to write an effective C.V. For more information about the publication or other ACS Career Services products, please call 1-800-227-5558 or email: careers@acs.org.

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CALENDAR

November 14, 2001: Trinity Consultants, a nationwide consulting firm that hosts courses for environmental professionals and plant managers, will have a 1.5 day course "Air Quality Regulations and Permitting in Illinois", in Chicago. For more information, contact the Course Registrar at 800-613-4473, or www.trinityconsultants.com.

November 16, 2001: The Chicago Section American Chemical Society's general meeting talk will be "Chemistry of Star Trek", Dr. Natalie Foster, LeHigh University, Bethlehem, PA. For additional information call the Section Office at (847) 647-8405 or <http://membership.acs.org/C/Chicago>.

December 14, 2001: The Chicago Section American Chemical Society/Chicago Chemists Club Joint Annual Holiday Party/Meeting. The talk will be "Conservation of Archimedes' Treatises" by Dr. Abigail Quandt, Walters Art Gallery, Baltimore, MD. For additional information call the Section Office at (847) 647-8405 or <http://membership.acs.org/C/Chicago>.

January 29-30, 2002: The 67th Annual Meeting of the Israel Chemical Society will take place at the Renaissance Hotel and Convention Center, Jerusalem, Israel. For further information, contact the secretariat at (972)-2-6520574 or meeting@isas.co.il.

February 22, 2002: The Chicago Section American Chemical Society's general meeting talk will be "Chemistry and its Teaching at the Turn of the Century: The Janus View" by Dr. A. Truman Schwarz, Macalester College, Saint Paul, MN. For additional information call the Section Office at (847) 647-8405 or <http://membership.acs.org/C/Chicago>.

March 22, 2002: The Chicago Section American Chemical Society will celebrate the presentation of the Public Affairs Award. The general meeting speaker will be Dr. Dennis Hjerensen, Director, ACS Green Chemistry Institute. For additional information call the Section Office at (847) 647-8405 or <http://membership.acs.org/C/Chicago>.

April 19, 2002: The Chicago Section American Chemical Society's general meeting talk will be "Science, Technology and US Foreign Policy" by Dr. Norman P. Neureiter, Science and Technology Adviser to the Secretary of State, Washington, D.C. For additional information call the Section Office at (847) 647-8405 or <http://membership.acs.org/C/Chicago>.

May 24, 2002: The Chicago Section American Chemical Society will celebrate the presentation of the Willard Gibbs Award. Stay tuned for further information as the date approaches.

June 21, 2002: The Chicago Section American Chemical Society will present the Annual Education Night. Stay tuned for further information as the date approaches.

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