

# The Chemical Bulletin

<http://chicagoacs.org>

MARCH • 2013

## CHICAGO SECTION AMERICAN CHEMICAL SOCIETY PUBLIC AFFAIRS AWARD MEETING FRIDAY, MARCH 15, 2013

**Café La Cave**  
2777 Mannheim Road  
Des Plaines, IL 60018  
847-827-7818

Directions to the meeting are on page 3.

### Pre-Dinner Talk

5:30 – 6:30 P.M.

"An American Abroad: IUPAC and a Chemist's Experience of a Lifetime" by **Dr. Mark C. Cesa**, Vice President of IUPAC for 2012-2013; Process Chemistry Consultant for INEOS Nitrides, Naperville, IL.

See page 2

### JOB CLUB:

5:30 - 6:30 P.M.

### SOCIAL HOUR: Cash Bar

6:00 - 7:00 P.M.

Complimentary Hors D'oeuvres served butler style.

### DINNER

7:00 P.M.

**Menu:** Soup of the day; Squillo Salad with Walnuts and Cranberries; Entrée choice of either a Breast of Chicken Combination (Sautéed Breast of Chicken with fresh mushrooms & shallots with a Sherry Cream Sauce and Sautéed Breast of Chicken with Shiitake mushrooms with a Marsala Wine Sauce), Seared Salmon with a Ginger Sauce, or Fresh Vegetables with Pasta; Anna Potatoes; medley of fresh vegetables; Chef selection dessert; a variety of breads; beverage.

Dinner reservations are required and should be received in the Section Office via phone (847-391-9091), email ([chicagoacs@ameritech.net](mailto:chicagoacs@ameritech.net)), or online (<http://chicagoacs.net/register.php>) by noon on Wednesday, March 13. The dinner cost is \$35 to Section members who have paid their local section dues, members' families,

and visiting ACS members. The cost to members who haven't paid their local section dues and to non-members and is \$37. The cost to students and unemployed members is \$20. Seating will be available for those who wish to attend the meeting without dinner. PLEASE HONOR YOUR RESERVATIONS. The Section must pay for all dinner orders. No-shows will be billed.

### GENERAL MEETING 8:00 P.M.

### 2013 Public Affairs Awardee



**Dr. William F. Carroll, Jr.**, Vice President, Industry Issues, Occidental Chemical Corporation; Adjunct Professor of Chemistry, Indiana University; Chair of the ACS Board of Directors; ACS President, 2005

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*(continued from page 1)***Topic: The Chemistry Enterprise: Do We Have a Future, or What?**

**Abstract:** Issues for chemists and the chemistry enterprise. They might be driven by legislation, regulation or simply policy changes in DC. They might be driven by changes in the business model or geographic location of our industries and resources. They might be driven by cost pressures and reduced funding for universities and professors.

This presentation will tee up a number of interesting current pressure points and generate discussion on where we are, where we're going, and what's there when we arrive.

**Biography:** Dr. William F. Carroll, Jr. holds a Ph.D. in Organic Chemistry from Indiana University, Bloomington, IN. He received an M.S. from Tulane University in New Orleans, and a B.A. in chemistry and physics from DePauw University in Greencastle, IN. He is currently Vice President, Industry Issues for Occidental Chemical Corporation and also Adjunct Professor of Chemistry at Indiana University.

Bill is Chair of the Board of Directors of the American Chemical Society, and also a Past President (2005). He is a Fellow of the Royal Society of Chemistry, and a National Associate of the National Research Council of the National Academies. He is a member of the advisory board for the Tulane School of Science and Engineering. In 2009 he was chair of the Council of Scientific Society Presidents.

On behalf of OxyChem he has chaired numerous committees for industry associations, including the American Chemistry Council and the Vinyl Institute. He has served on expert groups commissioned by the United Nations Environment Programme, the US Environmental Protection Agency and three states--most recently the California Green Ribbon Science Panel.

Bill has received the Henry Hill Award sponsored by the ACS Division of Professional Relations, the Michael Shea Award from the Division of Chemical Technicians, Distinguished Alumni Awards from both Indiana and DePauw and the Vinyl Institute's Roy T. Gottesman Leadership Award. He is the 2012 recipient of the Harry and Carol Mosher Award from the ACS Santa Clara Valley Section.

He holds two patents and has over sixty-

five publications in the fields of organic electrochemistry, polymer chemistry, combustion chemistry, incineration and plastics recycling.

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

**PRE-DINNER PRESENTER****Dr. Mark Cesa****Topic: An American Abroad: IUPAC and a Chemist's Experience of a Lifetime**

**Abstract:** The International Union of Pure and Applied Chemistry (IUPAC) advances the worldwide aspects of the chemical sciences and contributes to the application of chemistry in the service of humankind. Organizations from more than sixty countries including the United States are members of the Union. IUPAC may be best known as the global authority regarding chemical nomenclature and the periodic table, but IUPAC's technical divisions and committees carry out hundreds of projects covering a wide range of activities. Among

these, the International Year of Chemistry in 2011 was a landmark achievement for IUPAC. More than 1500 individual scientists from all around the world are involved in IUPAC projects and governance activities. Participating in IUPAC gives scientists from industry, academia and government exposure to the world of chemistry that is uniquely rewarding and unparalleled in value. In this talk I'll describe how I got involved in IUPAC, what I do in the Union today, and how chemists in all fields and levels of experience can participate.

**The Speaker:** Mark Cesa is the 2012-2013 Vice President of IUPAC. In IUPAC, he is a past chair of the Committee on Chemistry and Industry and is an associate member of the Division of Organic and Biomolecular Chemistry. He is also a past chair of the U.S. National Committee for IUPAC. Dr. Cesa is employed as Process Chemistry Consultant for INEOS Nitriles in suburban Chicago, where he is responsible for process chemistry research and support for Nitriles' manufacturing plants. His research interests include homogeneous and heterogeneous catalysis, kinetics and mechanisms of organic reactions, and molecular modeling for the design of new catalysts. Dr. Cesa is also a member of the American Chemical Society Committee on Science and has held elective and appointed positions in the Cleveland and Chicago local sections. He has an A.B. in chemistry from Princeton University and M.S. and Ph.D. in organic chemistry from the University of Wisconsin-Madison.



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## "CHEM SHORTS" For Kids

The Elementary Education Committee of the Chicago Section ACS presents this column and hopes it will reach young children and help increase their interest in science. Please print it out and pass it on to your children, grandchildren, or elementary school teachers. Teachers are encouraged to incorporate the projects in this column into their lesson plans.

### Homemade Essential Oil Air Fresheners

Kids, have you heard that necessity is the mother of invention? For those of you with asthma who can use some help in room-deodorizing, there is hope. The answer is homemade, all-natural, essential oil powered, gel based air fresheners. They smell great. They last a good long time. They are cheap to make. They have five ingredients you can find at any grocery or department store. And chemistry can explain how it works!

First a word about essential oils: they're powerfully scented and a little goes a long way, so go easy on how much you add. You don't want to add more than 30 drops per air freshener until you know just how strong your oil is. Here is a basic air freshener recipe, with a few favorite scent combinations below.

### Basic Air Freshener

You'll need:

- 1 ounce granulated or powdered gelatin
- 2 cups cold water, divided
- 20-30 drops of essential oil
- 1 tablespoon salt
- food coloring
- small saucepan and a stove for heating it
- heat-proof jars to hold the hot dissolved gelatin
- a disposable chopstick or skewer to use as a stirring stick

Watch an adult partner do the following steps. Bring one cup of water to a boil in a small saucepan. Sprinkle the gelatin over the boiling water and stir until smooth and all of the gelatin is dissolved. Add the salt and the second cup of cold water and stir. Set aside. Add essential oil and food coloring to the jar(s). Quickly pour the hot dissolved gelatin over the essential oil and food coloring. Stir until evenly colored. Allow to cool uncovered on a heat-proof surface. When cooled, keep covered until ready to use. When ready to use, uncover the jar and place it wherever you want a lovely scent.

An essential oil is a concentrated liquid containing volatile aroma compounds from plants. An oil is "essential" it carries a distinctive scent, or essence, of the plant. They are used in perfumes, cosmetics,

and soaps, for flavoring food and drinks, and for adding scents to household cleaning products.

Gelatin is a translucent, colorless, flavorless solid derived from collagen. It is found in gummi candies, marshmallows, gelatin dessert, and some ice cream, dip and yogurt. Gelatin is classified as a food. When you dissolve the gelatin powder in hot water, you break the weak bonds that hold the collagen protein chains together. Each chain is a triple-helix that will float around in the bowl until the gelatin cools and new bonds form between the amino acids in the protein. Scented oils and colored water fills in the spaces between the polymer chains, becoming trapped as the bonds become more secure. The gel is mostly water.

### Some Scent Combinations

#### **sweet basil and lemon air freshener**

- 20 drops Sweet Basil essential oil
- 8 drops Lemon essential oil

#### **rosemary orange air freshener**

- 25 drops Sweet Orange essential oil
- 5 drops Rosemary essential oil

#### **fresh pine scent air freshener**

- 25 drops Fir Pine essential oil
- 3 drops Lemon essential oil
- 2 drops Sweet Orange essential oil
- 1 drop Bergamot essential oil

### **References:**

Thanks to Emily Neis for telling us about this idea.

<http://www.foodiewithfamily.com/2010/03/17/homemade-essential-oil-air-fresheners/>

<http://chemistry.about.com/od/foodcookingchemistry/a/how-jell-o-works.htm>

Submitted by DR. KATHLEEN CARRADO GREGAR

To view all past "ChemShorts for Kids," go to: <http://www.chicagoacs.net/ChmShort/kidindex.html>

## **RESEARCH SPACE AVAILABLE**

Two offices with a lab are available for rent in Lake Villa. The following equipment is available: chemical hood, biochemical hood, rotary evaporator (with bath and water aspirator), vacuum pumps, air compressor, spectrometer, hydrogenator, manometers, centrifuges, drying ovens, refrigerator, freezer, chromatography supplies, eppendorf pipettes, gases (nitrogen, oxygen, hydrogen) with regulators, assorted glassware, and miscellaneous lab supplies. For more information or to schedule a viewing, call Neil at (847) 549-0104.

## **DIRECTIONS TO THE MEETING**

**From I-290 East/West** - Take I-290 from either direction and exit onto I-294 North. Continue until you reach the exit for I-190 West (to O'Hare). Exit and immediately pay toll. Exit onto Mannheim Road North. Go North for 1.5 miles. The restaurant is on the right side after the second stoplight.

**From I-90 East/West** - Take I-90 from either direction and exit I-190 West (to O'Hare). Then follow I-290 East/West directions given above.

**From I-294 North/South** - Take I-294 from either direction and exit I-190 West (to O'Hare). Then follow I-290 East/West directions given above.

**From I-88 East** - Take I-88 East to I-294 North. Take I-294 and exit at I-190 West (to O'Hare). Then follow the directions for I-290 East/West given above.

**PARKING:** Go directly to parking lot for self-parking. Valet parking is also available.

## **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 CPDU's.

## **CONTACT THE CHAIR**

Do you have any questions, suggestions, ideas, gripes, or complaints relating to the Chicago Section? Do you want to help with Section programs and activities? Then contact your Chair. Simply log onto the Section's Web Page at <http://www.chicagoacs.net/>, click on the "Contact Us," click on "Contact the Chair," and send me an e-mail. If I can answer your query, I will respond personally. If I can't answer directly, I will forward your e-mail to someone who can, or try to provide you a contact – all in a timely manner. The Section belongs to you and the other 4,546 ACS members residing in the Chicagoland area (including northeast Illinois and northwest Indiana). Only you can make it work for you by being involved. But you can also make it fail by not being involved. I look forward to hearing from you.

Mike

Michael G. Koehler, Ph.D.  
CHICAGO SECTION CHAIR



## PUBLIC AFFAIRS AWARD MEETING SPEAKERS

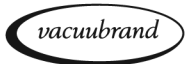
We are very fortunate to have a very interesting and enlightening program for this year's public affairs meeting. We will begin with a presentation for our early meeting by **Mark Cesa**. I have known Mark both from the Council of ACS as well as work on the Chicago Section Board of Directors. I did not know how active he had been with IUPAC (International Union of Pure and Applied Chemistry) until he began to make announcements regarding his participation the 100th Anniversary Observance of IUPAC in 2011. We invited Mark to come and share this experience with us, and will do so at our early talk at the meeting on March 15. The title of his talk is "An American Abroad: IUPAC and a Chemist's Experience of a Lifetime." This sounds very interesting and exciting and I am pleased that he is willing to come and share his IUPAC experiences with us. Mark will give his lecture at 5:30 for our pre-dinner talk.

**Bill Carroll** is well known to most of us here in the Chicago Section for his many visits to the Section in various capacities. He has visited our section many times over the past ten years in many roles for ACS. He first began to come when he was running for ACS president, and he has been here many times since. Most recently he came in a dual capacity, as ACS Board Chair and as a member of the Gibbs Jury for the Gibbs Award dinner last May. So, he is no stranger to us. We are pleased to have him come and make a presentation at our Public Affairs Award Meeting for 2013 and be honored for his many years of experience - not only in ACS but with ACC (American Chemistry Council). He will have the opportunity to share some of his many experiences with us as he gives his award lecture with the title "The Chemistry Enterprise: Do We Have a Future, or What?"

Sounds like a great program. Hope you can come.


JIM SHOFFNER

Co-Chair, Public Affairs Committee


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## THE UN-COMFORT ZONE

with Robert Wilson

LUBRICATE WITH LAUGHTER [EXPLORING LAUGHTER AS A MOTIVATIONAL TOOL]

I was three or four jokes into my routine, when I realized that one of the trouble-makers my client warned me about was sitting dead center on the front row. With arms firmly crossed over his chest, and a frown deeply embedded in his face, he was glaring defiantly at me with eyes that said, "You'll never make me laugh." In my mind, I silently agreed...

To read the entire article, go to:  
[http://www.jumpstartyourmeeting.com/articles/TUZ/46-lubricate\\_with\\_laughter.shtml](http://www.jumpstartyourmeeting.com/articles/TUZ/46-lubricate_with_laughter.shtml)

Robert Evans Wilson, Jr. is an author, humorist and innovation consultant. He works with companies that want to be more competitive and with people who want to think like innovators. Robert is also the author of the humorous children's book: *The Annoying Ghost Kid*. For more information on Robert and his other articles, please visit <http://www.jumpstartyourmeeting.com>



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## ENVISIONING THE FUTURE FOR ACS

You are invited to help the national ACS board, committees and management to better understand the key trends that will affect chemists, chemistry, and the Society in coming years. Attendees of the New Orleans National Meeting can participate in a **one-hour discussion** of research into what the future might hold. Topics raised during this discussion will be used to improve the focus of ACS offerings to maximize their value to you. If you are interested in sharing your thoughts, please volunteer by emailing [strategy@acs.org](mailto:strategy@acs.org) with your name and contact information **before Friday, March 8**. Participants will receive a gift card as a token of thanks. We are interested in what **you** think.

## THE PUBLIC AFFAIRS AWARD

The Public Affairs Award was established by the Public Affairs Committee of the Chicago Section of the American Chemical Society in 1982. The award was established to recognize individuals who were involved in science and public policy issues. During the years 1983 – 1987, the award was given annually. Beginning in 1989, the award was presented biannually.

The award is made on the basis of outstanding activities that have advanced the public's understanding of chemistry and the chemist's concern for the effects of chemistry on public affairs. Examples of such activities include:

1. Publication of books, monographs or a series of research papers;
2. Distinction in teaching in the area of chemistry in the public interest;
3. Public advocacy of an effective or distinguished nature;
4. Distinguished administration and organization of chemistry and public affairs activities; and
5. Significant accomplishments over a long period of time, resulting in the advancement of the area of chemistry and public affairs.

The awardee need not be a chemist or a member of the ACS, but should have been a resident of the EPA Region V during the time period for which he/she is being recognized. Region V contains the states Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin.

**Past recipients of the Public Affairs Award are listed below, along with their achievements.**

1983 Dr. Carl Moore For outstanding public service, as an advisor to local governments in science and public policy.

1984 Dr. Ananda Chakrabarty For obtaining the first patent for a living organism, as a bacterium for use in pollution control.

1985 Mr. Valdas Adamkus For outstanding administration of the regional office, and for standing strong against attempts to weaken pollution control regulations and politicize the office. Mr. Adamkus returned to his native Lithuania as president.

1986 Dr. James Shoffner For pioneering work in establishing the Public Affairs Committee, and working with state, local and regional governments on science and public policy issues.

1987 Dr. Etyl Blair For outstanding work in devising corporate compliance policies, and for managing analytical methodologies to provide effective pollution control.

1989 Dr. William Beranek For work done in risk-benefit analysis and environmental improvement strategies championed nationally.

1991 Dr. Leon Lederman For speaking for science nationally and internationally, championing science funding and for being a leader in science education.

1993 Dr. Walter McCrone For world class work on fiber and particle identification, especially asbestos fibers, and for socially relevant contributions as President of the Board of Ada S. McKinley Community Services, one of Chicago's leading social agencies.

1995 Dr. Walter E. Massey For public service on federal, local and state boards and commissions, speaking and writing on science and public policy, and for leading efforts to maintain the viability of Argonne Lab.

1997 Dr. Zafra Lerman For outstanding contributions in the areas of human rights and science education.

1999 Mr. Bill Kurtis For using the medium of television to educate schoolchildren and enlighten the general public regarding the role that science and technology continues to play in shaping our civilization.

2001 The Hon. Harris Fawell For representing the researchers and scientists in his district while in Congress. He served on the Committee on Science, Subcommittee on Energy, as well as the Committee on Education and the Workforce, Subcommittee on Employer – Employee Relations (Chair), and Subcommittee on Workforce Protection Oversight. He appeared as a speaker on a symposium at the ACS National Meeting in Chicago in 1985. He utilized members in his district to advise him on science and public policy issues.

2003 Dr. Inara Brubaker For pioneering the development of programs and activities that established the agenda for a decade of state and local section cooperation on a wide range of public policy issues; for setting the performance standard for the ACS Congressional Fellowship by her significant achievements during her fellowship year of 1977; and for serving her community in various ways.

2005 Dr. Thomas Kucera To recognize his dedication and steadfast support for

National Chemistry Day/Week: that has drawn thousands of teachers, students, exhibitors, public citizens and professional chemists from all over the area. In addition, we salute you for everything you have done for the Chicago Section during your career as a professional chemist, thereby serving as an inspiration for all.

2007 Mr. Lee Marek Impacted generations of students during a full career as Teacher at Naperville High School; Ambassador of science, As an entertainer and educator on the David Letterman Show, developer of educational and motivational materials.

2009 Dr. Mary Good For long-lasting, consistent, and continuous contributions to education, science, professional organizations, government and commerce; these contributions have contributed greatly towards making the world a better place to live for all of us.

2011 Dr. Barbara Moriarty For promoting the public policy objectives at the local, regional and national levels.

2013 Dr. William Carroll, Jr. For the significant and distinguished roles you have played in your work with the American Chemical Society and American Chemistry Council with regards to leadership, teaching and the promotion of causes that relate to the support and maintenance of science for public service.

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## WCC COLUMN - AUTHORS NEEDED

Members of the Chicago Section's Women Chemists Committee (WCC) outreach plans for the Chicago-area section members and the community include a column in The Chemical Bulletin covering topics such as networking, career development, and vignettes of women in chemistry.

Please consider writing an article about a woman, who is living or dead, by interview or research on the web, or write an article on a topic of interest to women. Both women and men are welcome to join WCC in this activity.

Please make the article around 500 words long and include a photo if possible. Many of the previous articles have been shown as posters at various ACS Chicago Section and National ACS functions with great success. Thank you to everyone who has participated in this WCC effort.

MARGY LEVENBERG  
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WCC CO-CHAIRS

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## PAST GIBBS MEDALIST RECEIVES THE NATIONAL MEDAL OF SCIENCE

On February 1, 2013 President Barack Obama awarded University of Missouri researcher **M. Frederick Hawthorne** the National Medal of Science, the highest honor bestowed by the country to scientists.

Dr. Hawthorne is the director of the International Institute of Nano and Molecular Medicine at MU, as well as Curators' Distinguished Professor of Chemistry and Radiology.

He was named a National Medal of Science recipient because of his work on the chemical element, boron. He developed the use of a technique known as Boron Neutron Capture Therapy, which is used in experimental treatments for cancer, arthritis and other diseases. His work with boron also has been used to fight heart disease and Alzheimer's. He pioneered the use of "boron cages," chemical structures that can be attached to other compounds and thereby change their physical properties.

Dr. Hawthorne received the Chicago Section's Willard Gibbs Medal in 1994.

## CONSIDERING TEACHING AS A SECOND CAREER? ACS SCHOLARSHIPS AVAILABLE

The ACS-Hach Second Career Teacher Scholarship is awarded to professionals in the chemistry field pursuing a Master's degree in education or becoming certified as a chemistry/science teacher. Up to \$6,000 per year. Apply by April 1 at [www.acs.org/hach](http://www.acs.org/hach).

## ACS-HACH HIGH SCHOOL CHEMISTRY GRANTS FOR SCHOOL TEACHERS IN YOUR COMMUNITY

Grants of up to \$1,500 are available to chemistry teachers with innovative ideas that transform classroom learning. Apply by April 1 at [www.acs.org/hach](http://www.acs.org/hach).

## SECTION MEETING DATES 2013

Friday, March 15  
Thursday, April 18  
Friday, May 17  
Thursday, June 27  
Friday, September 27  
Friday, October xx (TBD)  
Friday, November 22  
Friday, December 13



## NEW DEADLINES FOR STANLEY ISRAEL AWARD FOR ADVANCING DIVERSITY

Deadlines have been changed for nominations for the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences. The Stanley C. Israel Regional Award (which is presented at ACS Regional Meetings) recognizes individuals and/or institutions that have advanced diversity in the chemical sciences and significantly stimulated or fostered activities that promote inclusiveness within the region. For the upcoming Central, Great Lakes, and Northwest Regional Meetings, the nomination deadline is now March 15, 2013. For the upcoming Northeastern, Midwest, Southeastern, Southwest, and Western Regional Meetings, the nomination deadline is now August 15, 2013. Complete details about this award, including links to online nominations, can be found at [www.acs.org/diversity](http://www.acs.org/diversity).

### HELP WANTED

#### Analytical Chemist

**HNC Products Inc., an international R&D and Custom dermatology products manufacturing company centrally located on a 15 Acres campus, outside of Clinton, IL, is looking for an experienced Analytical Chemist to join their Q.C./Q.A. group.**

**Ideal candidate should have a B.S or M.S in chemistry or bio-chemistry and several years of analytical assay experience working with nutraceuticals, cosmeceuticals and OTC actives. The candidate should be very strong in method developments, testing methods and challenges. This hands-on position requires GLP and cGMP guidelines knowledge using HPLC, GC, FT-IRs and other testing instruments. Please forward your resume to:**

**Chim Potini  
V.P. Research and Development  
HNC Products Inc.  
283 Cromwell Drive  
Clinton, IL 61727  
Fax-217-935-8938  
E-mail: [cspotini@yahoo.com](mailto:cspotini@yahoo.com)**

**No Phone Calls please.**

### WANT TO REACH CHEMISTS AND CHEMICAL ENGINEERS? ...

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Contact the Section office at 847-391-9091 or email at [chicagoacs@ameritech.net](mailto:chicagoacs@ameritech.net) about advertising your business.

### DID YOU KNOW?

#### Protection for All Stages of Life - ACS Member Insurance

There's a tremendous amount of value that comes along with your ACS membership. In addition to exclusive discounts on world-class information resources and technical meetings, ACS members have access to a suite of valuable professional and personal benefits developed by colleagues in the chemical sciences and designed to meet specialized needs. The ACS Member Insurance Program has insurance options for every member.

As a benefit of your ACS membership, the ACS Member Insurance Program can help you build your insurance portfolio with a wide range of high-quality insurance plans. You and your family members are eligible for life, health, and property insurance plans that are:

- **Affordable**—utilizes the power of group purchasing to give ACS members premium discounts
- **Portable**—stays with you even if you change jobs, as long as the group policy remains in effect, you pay your premiums when due, and you maintain your ACS membership
- **Convenient**—many ACS insurance plans offer online enrollment; use one application to apply for multiple plans
- **Accessible**—coverage is available to ACS members, as well as their spouses or domestic partners

The ACS Member Insurance Program offers policies and products for every stage of life, from being a student in college, to raising a family, to enjoying retired life—and everything in between! No matter what life stage you're currently in, visit [www.acs.org/insurance](http://www.acs.org/insurance), to learn more about the ACS Member Insurance plans available to you. (This benefit is available to domestic ACS Members only.)

ACS Members, get the most out of your membership by taking advantage of all the resources available through your Society. You can find complete details about ACS Member Insurance and other resources at [www.acs.org/memberhandbook](http://www.acs.org/memberhandbook).

Not an ACS Member? Join today at [www.acs.org/joinacstoday](http://www.acs.org/joinacstoday) and start enjoying everything that comes along with being an ACS Member!

### GET FREE COPIES WHILE SUPPLIES LAST!

Get kids excited about chemistry! Share your passion for chemistry by giving them Kids Discover magazine – a special chemistry issue targeted to grades 5-7. It has engaging articles on Nature's Pharmacy, Color of Fireworks, Chemistry Superstars, Why Matter Matters, and more, plus experiments and games. Cost is \$0.50 per copy. To request a coupon code that will entitle you to up to 50 free copies send an e-mail to [kidsdiscover@acs.org](mailto:kidsdiscover@acs.org) with your name, shipping address, a description of how you plan to use the publication, and how many copies you are requesting. A shipping charge of \$7.60 will apply. Share chemistry! Spark a reaction!

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HNC Products Inc	7		<a href="mailto:cspotini@yahoo.com">cspotini@yahoo.com</a>

# CALENDAR

**March 15:** Chicago Section ACS Public Affairs Dinner Meeting. It will be on the 15th or the 22nd. Details in this issue.

**March 17-21:** Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy (Pittcon 2013), Pennsylvania Convention Center, Philadelphia, PA. For additional information, visit the Pittcon website at [www.pittcon.org](http://www.pittcon.org).

**March 22-24:** 63rd Chicago Public Schools Student Science Fair, Museum of Science and Industry

**April 4:** Loyola University's Denkewalter Seminar; Speaker: Melanie Sanford, University of Michigan. For more information, go to <http://www.umich.edu/~mssgroup/>.

**April 7-11:** 245th ACS National Meeting & Exposition, New Orleans, Louisiana

**April 18:** Chicago Section ACS Dinner Meeting

**May 17:** Chicago Section ACS Willard Gibbs Award Banquet

**June 5-8:** 2013 ACS Great Lakes Regional Meeting (GLRM 2013) in La Crosse, Wisconsin. Registration opens in mid-January; <http://glrm-lax.sites.acs.org/>  
**June 27:** Chicago Section ACS Dinner Meeting at Valparaiso University

**July 15-19:** Inter/Micro: 64th Annual Applied Microscopy Conference, Chicago, IL. Hosted by McCrone Research Institute. For further information, contact Julie Antia, conference coordinator, at 312-842-7100 or go to [www.mcricri.org](http://www.mcricri.org)

March, 2013 Vol. 100, No. 3. Published by the Chicago Section of The American Chemical Society, Editorial Staff: Cheryl Bradley, Editor; Fran Kravitz, Associate Editor; Richard Treptow, Proofreader. Address: 1400 Renaissance Dr., Suite 312, Park Ridge, Illinois 60068; 847/391-9091. 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, March 15 at 5:30 p.m.** at Café La Cave. 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 the 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 \$20 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.

## 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!

## MIDDLE SCHOOL CHEMISTRY—BIG IDEAS ABOUT THE VERY SMALL

(Grades 6–8)

Participate in hands-on guided inquiry activities from the free website [www.middle-schoolchemistry.com](http://www.middle-schoolchemistry.com) during six consecutive sessions. Come to one, two, or as many sessions as you like. Each session covers some of the main content and activities from each of the six chapters in [middleschoolchemistry.com](http://middleschoolchemistry.com).

## HAVE YOU USED YOUR ACS MEMBER UNIVERSAL ACCESS BENEFIT YET?

This new benefit gives ACS members automatic access to 25 articles and book chapters from across all ACS publications -- all journals, ACS Symposium Series e-books and C&EN Archives. Just visit the ACS Publications web site, log in with your ACS ID, and select the content you wish to view. It's that easy!

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## TROPHY CASE FOR SECTION AWARDS

The Chicago Section has been successful over the years in achieving recognition for service in various areas of the ACS's mission. The members of the Board of Directors are very proud of these achievements, and we know that you are too! The awards evidence the work of the local Section members.

We would like to showcase the awards in the Section's Park Ridge office. We, therefore, make this appeal for your assistance with finding a trophy case to house the Section awards. Maybe you know someone that would be happy to donate a case to the Section for this purpose. If so, please contact Gail, the Section Office Manager, either by email ([chicagoacs@ameritech.net](mailto:chicagoacs@ameritech.net)) or telephone (847-391-9091).

CHARLES E. CANNON  
 Councilor  
 Chair, Committee on Minority Affairs