

# The Chemical Bulletin

**100th Anniversary 1914 – 2014**

<http://chicagoacs.org>

JUNE • 2014

## CHICAGO SECTION AMERICAN CHEMICAL SOCIETY Monthly Meeting Thursday, June 19, 2014

**Bolingbrook Golf Club**  
2001 Rodeo Dr.  
Bolingbrook, IL 60490  
630-771-9400

### DIRECTIONS TO THE MEETING

**From Chicago:** Take I-55 South. Exit Weber Road North. Turn left on Rodeo Drive. Bolingbrook Golf Club is on the left.

**From the West:** Take Route 59 South. Turn left on 119th Street/Rodeo Drive. Bolingbrook Golf Club is on the right.

**From the North:** Take Weber Road South. Turn right on Rodeo Drive. Bolingbrook Golf Club is on the left.

**Tours of Argonne National Labs with the YCC** **3:00-5:00 P.M.**  
Our Younger Chemists Committee (YCC) will be organizing tours of the Argonne facilities for everyone interested (not just the younger members). **ADVANCED REGISTRATION REQUIRED.** Call the section office 847-391-9091.

**SOCIAL HOUR (Cash Bar) and Poster Session** **5:00-6:30 P.M.**

**DINNER** **6:30 P.M.**

Menu and other information are on page 2.

**GENERAL MEETING** **7:30 P.M.**

Welcome by Dr. Josh Kurutz, Chicago Section Chair

Presentation of the 2014 **DISTINGUISHED SERVICE AWARD** to Frank Jarzembowski by Susan Shih, DSA Chair (see page 4)

### Presentation of the 50 and 60-YEAR AWARDS

The Chicago Section honors our fifty and sixty-year members.

### AFTER-DINNER SPEAKERS



**Dr. Crabtree: "JCESR's New Paradigm for Battery R&D - One Year Later"** (~30 min)

Also

**Dr. Chapman: "Solutions From Hard X-rays"** (~10 min)

and

**Dr. Trahey: "In Situ Imaging of Battery Materials at APS"** (~10 min)

(continued on page 2)

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**Abstract of Dr. Crabtree's talk:** The Joint Center for Energy Storage Research (JCESR) develops transformational concepts and technologies for portable electricity storage for transportation and stationary electric storage for the electric grid. JCESR looks beyond today's Li-ion technology to innovative next generation energy storage materials and phenomena to achieve factors of five higher performance and lower cost. These aggressive targets are essential to enable next generation energy technologies such as wide deployment of electric vehicles, integration of wind and solar generation on the grid, and designer microgrids tailored to serve local needs.

JCESR will leave three legacies:

- a **library of fundamental science** of the materials and phenomena of energy storage at atomic and molecular levels,
- **transformational prototypes** at the research and proof-of-concept stages for transportation and the grid, and
- a **new paradigm** for battery research that integrates discovery science, battery design, research prototyping and manufacturing collaboration in a single highly interactive organization.

JCESR's new paradigm will significantly accelerate the pace of discovery and innovation and shorten the time from conception to commercialization for next generation batteries.

JCESR's research progress and future directions will be highlighted.

**Biography of George Crabtree:** Director, Joint Center for Energy Storage Research (JCESR) at Argonne National Laboratory and Distinguished Professor of Physics, Electrical, and Mechanical Engineering at University of Illinois at Chicago. He has won numerous awards for his research, including the Kammerlingh Onnes Prize for his work on the physics of vortices in high temperature superconductors. This prestigious prize is awarded once every three years; Dr. Crabtree is its second recipient. He has won the University of Chicago Award for Distinguished Performance at Argonne twice, and the U.S. Department of Energy's Award for Outstanding Scientific Accomplishment in Solid State Physics four times, a notable accomplishment. He has an R&D 100 Award for his pioneering development of Magnetic Flux Imaging Systems. He is a Fellow of the American Physical Society, a charter member of ISI's Highly Cited Researchers in Physics, a member of the U.S. National Academy of Sciences and a Fellow

of the American Academy of Arts and Sciences.

Dr. Crabtree has served as Director of the Materials Science Division at Argonne, as Chairman of the Division of Condensed Matter Physics of the American Physical Society, as a Founding Editor of the scientific journal Physica C, as Divisional Associate Editor of Physical Review Letters, as Chair of advisory committees for DOE and NSF research centers and as Editor of several review issues of Physica C devoted to superconductivity. He has published more than 400 papers in leading scientific journals, has collected over 17,000 career citations, and has given over 150 invited talks at national and international scientific conferences. His research interests include next generation battery materials, sustainable energy, materials science, nanoscale superconductors and magnets, vortex matter in superconductors, and highly correlated electrons in metals. He has led workshops for the Department of Energy on hydrogen, solar energy, superconductivity, materials under extreme environments, basic science for energy technology, and computational materials and chemistry for economic competitiveness. He co-chaired the Undersecretary of Energy's assessment of DOE's Applied Energy Programs. He has testified before the U.S. Congress on the hydrogen economy and on meeting sustainable energy challenges.



Register ONLINE for  
Chicago Section  
monthly meetings



[www.chicagoacs.org](http://www.chicagoacs.org)

## DINNER INFORMATION

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 register at <http://www.chicagoacs.org> by noon on Tuesday, June 17. The price of the dinner is \$35 to Section members who have paid their local section dues, members' families, and visiting ACS members. The cost to members who have NOT paid their local section dues and to non-members is \$37. The cost to students and unemployed members is \$20.

**PLEASE HONOR YOUR RESERVATIONS.** The Section must pay for all food orders. No-shows will be billed.

Seating will be available after the dinner for people not attending the dinner but interested in hearing the speaker.

**MENU:** Mesclun Mixed Greens served with endive, cherry tomatoes, shaved red onion, sugared walnuts, dried cranberries, bleu cheese crumbles, and a balsamic vinaigrette dressing; Choice of entrée: Chicken Picatta lightly flavoured and seared breast of chicken topped with a white wine lemon butter sauce and capers, Teriyaki Glazed Salmon Fillet topped with an orange teriyaki glaze, or Pasta Primavera (vegetarian); Steamed asparagus spears; Baked potato; Rolls (warm) & butter; Coffee; Carrot Cake

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

**Pro Writers Center, Writing for the Professions** Providing technical writing services for the scientific community. Pro Writers Center works with scientists to prepare and complete peer-reviewed research papers, review papers for journals, standard operating procedures, application notes, trade journal articles, and training manuals.

Visit <http://www.prowriterscenter.com/> for more information or call Fadwa Al-Taher at (708)822-9271.

## SECTION MEETING DATES 2014

Thursday, June 19  
Friday, September 19  
Friday, October 24  
Thursday, November 20  
Friday, December 5

## 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.

## "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 onto your children, grandchildren, or elementary school teachers. Teachers are encouraged to incorporate the projects in this column into their lesson plans.

### Kool-Aid™ Powder Chemistry

Kids, can you make a fizzy reaction without using vinegar? Yes you can! There are many experiments where the trick is to mix baking soda with vinegar, creating carbon dioxide fizzy gas and water. But if you don't happen to have vinegar around, here is another way to, for example, make that science fair volcano work.

All you need are a few Kool-Aid powder packets, baking soda, a cookie sheet or shallow plastic tray, and either a small bowl of water with some medicine droppers, or a spray bottle with water (Note: do not use vinegar!). This is a very inexpensive experiment and is fun for kids of all ages.

Sprinkle the Kool-Aid powder packets onto a cookie sheet. You can keep the contents of each packet separate or mix them together all over the sheet.

Cover most of the Kool-Aid with a very thin layer of baking soda, leaving one area of the Kool-Aid without any baking soda. You can accomplish this using a mesh strainer over the tray to sprinkle the baking soda evenly.

Add water first to the area of plain Kool-Aid. What happens?

Then add water to the baking-soda-covered Kool-Aid. What happens?

The citric acid in the Kool-Aid powder reacts with baking soda (a base) when you add water. The Kool-Aid powder packets do not react with water when they are alone, but they react with the baking soda when dissolved in water. When they react with the baking soda, they form sodium citrate, carbon dioxide and water. The end result is wonderful smelling, vibrantly colored bubbles!

This activity can get pretty messy. You should be in play clothes and if you're doing this activity inside your house, cover your floor with a splat mat, towel, cheap plastic tablecloth, or other covering.

Some people prefer these fun, bubbly experiments over the traditional baking soda and vinegar activities because the Kool-Aid smells so much better than vinegar.

#### Reference:

<http://lifeispeachyblog.com/surprise-color-eruptions-without-vinegar/>

<http://mommasfunworld.blogspot.com/2013/02/dancing-powder-kid-science.html>

Submitted by DR. KATHLEEN CARRADO GREGAR

To view all past "ChemShorts for Kids," go to: [http://chicagoacs.org/articles.php?article\\_category=1](http://chicagoacs.org/articles.php?article_category=1)

## JOIN US AT THE FAIR!

The Chicago Section, jointly with the other ACS Illinois Sections, again plans to have an exhibitor's tent at the Illinois State Fair **August 8-17** in Springfield, IL. Our cooperative tent activities provide information to the public on chemistry with demos, hands-on activities, computer quizzes, posters, literature, and give-aways. They give us a chance to show the positive aspects of chemistry to many Illinois citizens and governmental leaders. **Last year, we had a record number of more than 15,900 people visiting our tent!**

**We particularly need volunteers to help during the fair. Student members and other student volunteers are welcomed!** If you are interested in helping us for a few hours in this fun and worthwhile science outreach activity, let us know! You will receive free admission to the Fair and free parking if you sign up to volunteer in time! Call the Section office at (847) 391-9091 and go to our website at <http://chicagoacs.net/statefair/index.html> for information and to sign-up using our online volunteer scheduler.

## CONGRATULATIONS TO OUR 50 AND 60-YEAR ACS MEMBERS!

As part of our June 19 meeting program, we will honor an elite group of our section members who have been ACS members for 50 or 60 years! A membership card entitling them to free attendance at all ACS meetings is sent to each of them from the ACS National office in grateful appreciation of their many years of service to the Society. At our meeting, each of them will be presented a handsome membership certificate to mark the occasion.

### 50-Year Members for 2014

Gilbert Adelstein  
Kenneth Brown  
Lawrence Chapoy  
Stephen Cornell  
David Cospier  
James Curtis  
Richard Dods  
Harry Ellis III  
Charles Elly  
Robert Henkin  
Robert Hollins  
James Ingemanson  
Dolores Ivery  
Peter Johnson  
Robert Koonz  
R. Krishnamurthy  
Charlotte Lee  
Frederick Lewis  
Paul Litke  
Thomas Malloy  
Charles Myers  
James Nelson  
Anne O'Donnell  
Jon Pangborn  
Michael Schwartz  
Susan Shih  
Neil Snider  
Solomon Spector  
Ilona Thomasson  
William Thomasson  
Robert Van Lanen  
Darsh Wasan  
Awatif Soliman

### 60-Year Members for 2014

Daniel Berger  
Sherwood Cotton  
Aldo Croveti Jr.  
Louis Goldsmith  
Linsley Gray Jr.  
Jack Halpern  
Laura Kateley  
Ernest LeVon  
Joseph Stejskal Jr.  
Peter Yonan  
Edwin Zychowski



## DISTINGUISHED SERVICE AWARD TO FRANK JARZEMBOWSKI

The Distinguished Service Award recognizes members for outstanding and dedicated service to the Chicago Section ACS. The winner of this year's award is **Frank Jarzembowski**.

Frank was born and raised on the Northwest side of Chicago, where he still resides. His early interest in chemistry was promoted by the stuff boys find somewhat fascinating. He found Brother Martin's chemistry class at St. Patrick High School most interesting, because it explained so much of the world around us.

After receiving his B.S. in Chemistry from St. Joseph College in Rensselaer, Indiana, Frank continued his education at Loyola University, Chicago receiving a Ph.D. in chemistry under the direction of Professor Carl E. Moore. His time at Loyola was most special and Frank remembers having a wonderful relationship with all the professors, especially Dr. Moore, Dr. Jaselskis and Dr. Wilt, as well as his fellow students.

His chemistry career included working in new product development for Helene Curtis and Alberto-Culver. Frank then went into technical sales with the Clintwood Chemical Company, Fragrance Resources Inc., KATO Worldwide LTD., and Ingredient Source Corporation.

Over the years Frank has been active in many Chicago ACS committees such as Topical Group, Chemistry Day, and the Great Lakes Regional Meeting Planning Committee. Frank has also chaired the Program and House Committees.

Besides being a volunteer for the Chicago Section American Chemical Society, Frank also is active with the Chicago Chemists' Club and the Midwest Chapter of the Society of Cosmetic Chemists. He served twice as chairman and organizer of the Midwest Chapter of the Society of Cosmetic Chemists trade show "Teamworks".

Frank expresses that he is grateful for the privilege of being active with the American Chemical Society and that the Chicago Section has provided many wonderful new friends, new skills and technology and opportunities where he gained experience doing things that he would not normally have done.

As he states, "It's been lots of fun!" Please join us on June 19 as we honor Frank Jarzembowski with the 2014 Distinguished Service Award for his meritorious service to the Chicago Section.

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## DISTINGUISHED SERVICE AWARDEES

The Chicago Section American Chemical Society's Distinguished Service Awards were established in 1974 at the suggestion of Louis L. Lerner, then the Editor of *The Chemical Bulletin*. These Awards recognize members who provided exceptional service to the Section over, above and separate from any other achievements of the recipient, either in the profession or by the National ACS.

1974	Victor Conquest	1987	Elaine R. Anderson
	Roy C. Newton	1988	Nellie M. Payne
	Otto Eisenschiml	1989	Louis J. Sacco
	Arthur W. Schaar	1990	Thomas J. Kucera
1975	Hoylande Young Failey	1991	James P. Shoffner
	Byron Riegel	1992	Margaret Lally Huston
	Ward Evans	1993	Herbert S. Golinkin
	Carl S. Miner	1994	Stephen Sichak, Sr.
1976	David Klein	1995	Marie Ann Liskha
	E. H. Volwiler		Adele Rozek
	M. H. Arveson	1996	Gayle E. O'Neill
	P. N. Leech	1997	Fran Karen Kravitz
1977	William A. Converse	1998	Marilyn Kouba
	Benjamin B. Freud	1999	Charles E. Cannon
	Robert J. Reinarts		Jay S. Curtice
	Helen Selin	2000	Ellis K. Fields
1978	Walter S. Guthmann	2001	Stanley W. Drigot
	Charles DeWitt Hurd	2002	Cherlynlavaughn Bradley
1979	Richard Maltoon	2003	Lawrence E. Thielen
	Herbert E. Robinson	2004	Lawrence U. Berman
1980	Herman S. Bloch	2005	Seymour Patinkin
	Julius D. Stieglitz	2006	L. Jewel Nichols
1981	Vivian B. Biske	2007	Barbara Moriarty
	Edward G. Rietz		Louis Lerner
1982	Bernard S. Friedman	2008	Margaret Stowell Levenberg
	Paul Van Cleef	2009	Susan M. Shih
1983	Clifford W. Crosby	2010	Russell Johnson
	J. Fred Wilkes	2011	David Crumrine
1984	James J. Doheny	2012	Sanford Angelos
1985	Roy H. Bible	2013	Milt Levenberg
1986	Carl E. Moore	2014	Frank Jarzembowski



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E-Mail [micronanalytical@compuserve.com](mailto:micronanalytical@compuserve.com)  
Web Page: [www.micronanalytical.com](http://www.micronanalytical.com)

## SAFETY CULTURES IN ACADEMIC INSTITUTIONS

The Safety Culture Task Force of the ACS Committee on Chemical Safety (CCS) has published a 57-page report entitled *Creating Safety Cultures in Academic Institutions*. This report includes discussion of common issues with respect to the safety culture in colleges and universities. Several recommendations are made. Appendices list suggested duties of institutional personnel and chemistry-based technicians. The references (called Endnotes in the report) are a timely listing of resources for those working in academic safety areas. An electronic version of the report can be downloaded from the CCS website, [www.acs.org/safety](http://www.acs.org/safety). A printed copy can be obtained from the ACS National Office, 1155 Sixteenth St. NW, Washington DC 20036.

## 100TH ANNIVERSARY OF THE CHEMICAL BULLETIN

### REMEMBRANCES OF THINGS PAST

#### The Function of the Bulletin

by Robert N. Feinstein (November 1954 issue)

*The Chemical Bulletin*, like other local section publications, was created for one basic purpose: to announce and publicize the section meetings. This must still be its basic function, and we have an uneasy feeling that a fair proportion of our readers split the Bulletin open to the meeting page, grunt their pleasure or displeasure at the name or topic of the speaker, and pitch all the rest of these valuable words into the waste basket, untouched by human vision.

Okay. The Bulletin has announced the meeting to these people, and perhaps we ought not expect more of it. Yet over the years, as the Chicago Section burst out of its diapers, flexed its little muscles, and grew toward maturity, perhaps it is as well that the Bulletin has developed other functions than merely stating who will talk when on what subject. The Bulletin has become informative on other matters – notices of other meetings, doings of the membership, items of interest to this section but not of great enough interest for C&EN. And then, perhaps a further stage of its maturity, the Bulletin has tried to become a battleground of ideas, a paper arena of chemist gladiators, and let the quips and whips fall where they may!

Within the bounds of the laws of libel, within the tenets of good taste, the Bulletin gladly offers its pages to the controversies of chemists. The masthead reads: "A Free Chemical Press in Support of Chemists, to Better Their Status."<sup>1</sup> Perhaps it ought to be retouched a little: "To Better Their Status and to State Their Differences." We welcome your opinions.

Robert N. Feinstein, Bulletin editor in 1954

<sup>1</sup> Note: This statement was indeed part of the masthead of *The Chemical Bulletin* in 1954.

## YOU SHOP AND AMAZON GIVES

When you shop at AmazonSmile, Amazon will donate 0.5% of your purchase to ACS student education programs. **Support the ACS Scholars Program, Project SEED or Advancing Chemistry Teaching (ACT)** when you add to your cart. Go to <http://tinyurl.com/ltwumfl>.

# CHICAGO SECTION AMERICAN CHEMICAL SOCIETY BALANCE SHEET

ASSETS	Dec 31, 13
Current Assets	
Checking/Savings	
Northern Trust Bank	12,660.26
Total Checking/Savings	12,660.26
Accounts Receivable	
Accounts Receivable	
Burrells Luce	-978.00
Accounts Receivable - Other	3,327.00
Total Accounts Receivable	2,349.00
Total Accounts Receivable	2,349.00
Other Current Assets	
Gibbs Medal Inventory	9,884.11
Prepaid Expenses	200.00
S-N Self-Managed Equities	674,887.30
S-N Self Managed Cash Account	-62,571.88
S-N Self Managed Gen Money Mkt.	132,661.22
S-N Self Managed Mutual Funds	77,541.87
S-N Self Managed Other Invest.	78,299.94
S-N Self Managed Preferred	173,656.78
S-N Self Managed Unr. Cap Gains	-111,358.01
Undeposited Funds	1,090.00
Total Other Current Assets	974,291.33
Total Current Assets	989,300.59
Fixed Assets	
Security Deposit	781.67
Total Fixed Assets	781.67
<b>TOTAL ASSETS</b>	<b>990,082.26</b>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
Contingency Reserve Fund	43,634.60
Freud Trust Endowment Fund 7	,314.05
General Endowment Fund	26,392.95
Holding Fund	847.27
Ipatieff Library Endowment Fund	18,891.12
Lishka Scholarship Endow. Fund	77,442.64
Marshall S. Smoler Endowment	35,607.79
Meeting Place Reserve Fund	194,053.03
Payroll Liabilities	
Payroll Liabilities - State WH	1,490.36
Payroll Liability--FICA	-87.10
Payroll Liability--Medicare	146.96
Payroll Liability - Federal WH	654.02
Total Payroll Liabilities	2,204.24
Project SEED Endowment Fund	41,678.23
Schaar Scholarship Fund	16,264.90
Scholarship Endowment Fund	621,795.50
Scholarship Operating Fund	46,116.99
W. Gibbs Medal Endowment Fund	34,678.66
Total Other Current Liabilities	1,166,921.97
Total Current Liabilities	1,166,921.97
Total Liabilities	1,166,921.97
Equity	
Opening Bal Equity	7,473.46
Retained Earnings	-197,137.84
Net Income	12,824.67
Total Equity	-176,839.71
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>990,082.26</b>

(continued on page 7)

## THE AMERICAN ASSOCIATION OF CHEMISTRY TEACHERS (AAPT)—COMING IN SEPTEMBER!

Serving K–12 teachers of chemistry everywhere, AAPT will offer specialized chemistry teaching resources, a periodical about teaching chemistry in the K–12 classroom, an online community for sharing strategies, and more! Please visit [www.acs.org/aapt](http://www.acs.org/aapt) to learn more, stay in touch, and get involved.



**PROFIT AND LOSS**

(continued from page 6)

Jan - Dec 13

Income	
Affiliate Membership Dues	30.00
Chem. Bull. Advertising	10,005.00
Donations	
Donations Other	525.00
Snack Donations	610.00
Total Donations	1,135.00
Educational Registration	3,008.32
Gibbs Meeting Registrations	2,846.68
Investment Transfer	0.00
Local Section Dues	31,603.50
Meeting Registrations	15,259.72
Nat'l Allotments & Commissions	28,835.00
National ACS Reimbursements	17,767.66
Project SEED Income	5,750.00
S-N Self Managed Earnings	51,454.55
Sales of Items (Chem Day)	182.00
<b>Total Income</b>	<b>167,877.43</b>
Expense	
Awards	737.50
Bonus	200.00
Chair-Elect	845.58
Chem. Bull. Production	3,475.00
Chemical Bulletin Advertising	738.75
Community Affairs	
Chemistry Week	364.09
Total Community Affairs	364.09
Comptroller	1,120.92
Dinner Meetings	15,752.43
Dinner Subsidies	2,070.00
Gibbs Arrangements	14,788.01
High School Education	817.00
Hospitality 791.27	
House	1,567.15
Illinois State Fair	1,500.00
Insurance	1,846.00
Office	1,401.12
Payroll Expenses	
FICA	2,017.62
Medicare	491.31
Payroll Expenses - Other	34,009.92
Total Payroll Expenses	36,518.85
Postage	214.07
Primary Education	3,924.54
Professional Relations	7.58
Program	793.47
Project SEED	11,000.00
Public Affairs	341.59
Public Relations	100.00
Rent	10,557.24
Scholarships	17,050.00
Secretary	800.50
Telephone 1,922.36	
Travel (Councilor)	23,689.86
Treasurer	10.00
Web	107.88
<b>Total Expense</b>	<b>155,052.76</b>
<b>Net Income</b>	<b>12,824.67</b>

(continued on page 8)

**ARE YOU UNEMPLOYED?**

Are you seeking a better job? Are you looking to improve your career? The place to start is with your resume. That is the single tool that will get you an interview, illustrate your professional strengths, and show how you can improve your importance to your employer.

You can get help improving your resume through the Career Consultants. These are volunteers trained by the ACS to assist its members with writing resumes, contacting prospective employers, and providing tips on interviews.

There are several Career Consultants in the Chicago Section who are willing to meet with you and help improve your resume. Simply call the Section office at 847-391-9091 and set up an appointment. Fifteen to thirty-minute sessions will be arranged at our monthly meetings. Should you require more time, arrangements can be made with your consultant to continue discussions by telephone, by e-mail or by additional face-to-face sessions. You also can attend the Section's Job Club where you can network with other people having similar concerns.

We are here to help. All you need to do is pick up the telephone and bring copies of your resume to the next monthly meeting.

**Put your ad here**  
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**The Chemical Bulletin**  
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**For more information, call**  
**the Section office**  
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**BECOME A SCIENCE COACH**

Share your expertise and enthusiasm for science with an elementary, middle, or high school teacher - become an ACS Science Coach. In this year-long volunteer role, you may find yourself planning and presenting demonstrations, helping students with lab, answering content questions, or providing real-world examples. Together, you and the teacher decide how to best combine your time and talents. If approved, ACS will donate \$500 to the school to support your efforts. Find out more at:

[www.acs.org/ScienceCoaches](http://www.acs.org/ScienceCoaches)

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(continued from page 7)

# ILLINOIS STATE FAIR PROJECT BALANCE SHEET

Dec 31, 13

**ASSETS**

## Current Assets

Checking/Saving

TCF BANK

5,455.37

Total Checking/Savings

5,455.37

Total Current Assets

5,455.37

**TOTAL ASSETS****5,455.37****LIABILITIES & EQUITY**

## Equity

Opening Bal Equity

3,897.65

Retained Earnings

- 747.86

Net Income

2,305.58

Total Equity

5,455.37

**TOTAL LIABILITIES & EQUITY****5,455.37****PROFIT AND LOSS**

Jan - Dec 13

## Income

Donation

3,700.00

Sales at State Fair

600.00

**Total Income****4,300.00**

## Expense

Booth

500.00

Sales Tax

35.00

Storage Rental

600.00

Supplies for Fair

859.42

**Total Expense****1,994.42****Net Income****2,305.58****GET THE NEW INCHEMISTRY APP**

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## ACS MEMBERS: TAKE ADVANTAGE OF RECORDED NATIONAL MEETING CONTENT!

The first quarter of 2014 saw ACS members taking advantage of their exclusive access rights to ACS Presentations on Demand. Members visited [www.presentations.acs.org](http://www.presentations.acs.org) more than 1,000 times each week from January to March to watch recordings from the past three National Meetings. Green Chemistry at Pfizer, given by Paul Richardson and sponsored by the Division of Industrial and Engineering Chemistry (I&EC) was the most viewed during that time frame. Oral presentations captured at the ACS Spring National Meeting in Dallas are available to ACS Members.

Log in at [www.presentations.acs.org](http://www.presentations.acs.org) with your ACS ID to see something new today!

## ACS EDITORS' CHOICE: EXCEPTIONAL RESEARCH FROM ACS PUBLICATIONS, NOW FREELY AVAILABLE

On January 1, 2014 ACS Publications introduced ACS Editors' Choice. This program offers free public access to new research of importance to the global scientific community. These peer-reviewed, open access articles consist of research that exemplifies the Society's commitment to improving people's lives through the transforming power of chemistry.

One new article will be designated as ACS Editors' Choice each day, and these articles will remain open for all to access and read. Find out more about ACS Editors' Choice by going to the link <http://pubs.acs.org/editorschoice/>. Check out the features and policies on the program overview page or start reading designated articles today.

The Chicago Section's  
e-mail address

is

[chicagoacs@ameritech.net](mailto:chicagoacs@ameritech.net)



# CALENDAR

**June 2-5:** American Association for Analytical Chemists: Midwest Meeting and Exposition. At the Double Tree Hotel, 1909 Spring Road, Oak Brook, IL. The scientific areas of focus include: dietary supplements, allergens, vet drug screening, food safety modernization act, LC-MS/MS techniques, gluten free labeling, career development. Cost is \$225 for members; \$250 for nonmembers; \$150 for students. Visit <http://midwestaoac.org> for details.

**June 2-6:** McCrone Research Institute: Inter/Micro Conference, 2820 S. Michigan Ave., Chicago. Cost is \$425. <http://mcricri.org/home/section/101-915/inter-micro-2014>

**June 5:** Chicago Council on Science & Technology: Science and the Second City Fund-raiser, 6-10 pm at the Adler Planetarium, 1300 S. Lake Shore Dr., Chicago. Cost is \$250. [www.c2st.org/event/2014/06/science-and-second-city](http://www.c2st.org/event/2014/06/science-and-second-city)

**June 17-19:** The 18th Annual Green Chemistry & Engineering Conference (GC&E), Washington DC metro area. The theme is "Advancing Chemistry, Innovating for Sustainability." For details, visit [http://www.gcande.org/?cid=em\\_gci\\_epa\\_1\\_15\\_14](http://www.gcande.org/?cid=em_gci_epa_1_15_14)

**June 19:** Chicago Section Dinner Meeting honoring our 2014 Distinguish Service awardee and our 50 and 60-year members. **See details in this issue.**

**August 8-17:** ACS Illinois Sections' cooperative science tent project at the Illinois State Fair in Springfield. For further information on this fun and worthwhile outreach activity, contact the section office at 847-391-9091. Also, visit website <http://chicagoacs.net/statefair/index.html>

**September:** A Younger Chemists Committee (YCC) event, Meet the Neighbors, a "speed-networking" event to showcase the chemistry being done by local chemists within YCC, followed by a networking social hour. Further information will be available after the date is set. Contact Beau at [pwangtrakuldee@niu.edu](mailto:pwangtrakuldee@niu.edu) or Alyssa at [ajavestro@u.northwestern.edu](mailto:ajavestro@u.northwestern.edu) for details.

**September:** A Younger Chemists Committee (YCC) event, "Future Faculty Workshop." Further information as the date is set. Contact Beau at [pwangtrakuldee@niu.edu](mailto:pwangtrakuldee@niu.edu) or Alyssa at [ajavestro@u.northwestern.edu](mailto:ajavestro@u.northwestern.edu) for details.

**September:** A Younger Chemists Committee (YCC) event, "Fall Fellowships Digest." Further information available after the date is set. Contact Beau at [pwangtrakuldee@niu.edu](mailto:pwangtrakuldee@niu.edu) or Alyssa at [ajavestro@u.northwestern.edu](mailto:ajavestro@u.northwestern.edu) for details.

June 2014 Vol. 101, No. 6. Published by the Chicago Section of The American Chemical Society, Editorial Staff: Cherlyn Bradley, Editor; Richard Treptow, Proofreader; Frank Jarzembowski, Publications Business Mgr. Address: 1400 Renaissance Dr., Suite 312, Park Ridge, Illinois 60068; 847/391-9091. Subscription rates: \$15 per year. Frequency: monthly-September through June.

## WCC COLUMN - AUTHORS NEEDED

Members of the Chicago Section's Woman 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  
TERI COLLINS  
WCC CO-CHAIRS

## SPONSORS NEEDED FOR STATE FAIR CHEMISTRY TENT PROJECT

**We are looking for individuals and companies to help sponsor our tent this year.** In return for financial contributions, we will display your company's name at the front of the tent as a sponsor and on CDs with information given to over 300 teachers throughout the state of Illinois as well as Missouri, Iowa, and Indiana. **This is a great way to get your company recognized in the public and to promote chemistry!** If you are interested in making a donation to help keep this worthwhile public outreach project going strong, please call the Section office at (847) 391-9091. Thank You!

CHERLYN BRADLEY  
Chair, Illinois Sections of the ACS Cooperative State Fair Project

Whether you spend your summer traveling, going to school, working or playing...  
Have a wonderful summer  
and see you the Fall with  
the September Issue!!!

--Editorial Staff

## 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!