

The Chemical Bulletin

100th Anniversary 1914 - 2014

http://chicagoacs.org

OCTOBER • 2014

THE CHICAGO SECTION MOURNS THE LOSS OF CHEMICAL BULLETIN EDITOR CHERLYNLAVAUGHN BRADLEY 1951 - 2014

Cherlynlavaughn **Bradley** August 30, 2014 after a very brief illness. She was a native of Chicago, growing up and attending Proviso East High School in the Broadview-Maywood area. She received her B.A. in Chemistry from Illinois Wesleyan University in 1973 with honors (magna cum laude). While at Illinois Wesleyan University she received the Outstanding Senior Award Marple-Schweitzer for outstanding achievement in Chemistry. Cherlyn went on to receive both her M.S. and Ph.D. in inorganic chemistry from Northwestern University in 1975 and 1978. Her graduate research work was with Dr. A. Louis Allred and dealt with the synthesis, spectroscopic, electrochemical, and surface analysis of linear permethylpolysilanes.

Dr. Bradley joined the Analytical Division of the Amoco Corporation in Naperville in 1977 as a research chemist. She rose up the technical ladder to senior research scientist and was responsible for the development and implementation of technology and methods of determining volatile sulfur, nitrogen, and oxygen-containing compounds in petroleum and petrochemicals using gas chromatography with element-selective detectors. During her 22 years at Amoco, she was recognized within the company and throughout the petrochemical industry for work in selective GC detection and for trace determination of polymer contaminants. Her research projects in the areas of element-selective GC determinations led to numerous internal company publications and publications in Analytical Chemistry and Energy & Fuels. She contributed to the successful commercial developof an improved microwave plasma GC detector for selective element detection. She also served as the Quality Assurance Coordinator for the



Analytical Services Division, analytical liaison and consultant to the refining technology groups, a team member of the refining technology groups' diversity action council, a company recruiter for Northwestern University and an editor of the intercompany technology newsletters.

Cherlyn joined the ACS in 1974 and became active in the Chicago Section in 1980. Dr. Bradley earned the Chicago Section of the American Chemical Society's Distinguished Service Award in 2002. She has served as Chemical Bulletin Editor 01-present, ACS Illinois Sections State Fair Project 04-12 (Co-chair) and 13- present (Chair); Director 84-88, 89-92, 96-97, 99-01, 06-08, 10-12; Section Chair-Elect 94-95; Section Chair 95-96; Section Treasurer 92-93; Vice-Chair 93-94; Nominating Committee 84, 86, 92, 01,05,07; Project SEED Committee 89-95 (Chair), 96-08 (Cochair); House Committee 92-93,01 and 99-00 (Co-chair); Long-Range Planning 00-11; Chemistry Week Committee 95,

05-06; and Analytical Topical Group Program 82-83 (Chair). She also participated in the Chicago Section's 15th Annual Chemistry Career Conference in 1986 and presented a talk at Chemistry Day in 1995.

She has also been very active at the National level, starting as an Alternate Councilor from 1991 until 1992. The Section members elected her a Councilor in 1992. Her activities on National Committees included the Committee on Nominations Elections (13-14); Committee on Meeting and Exposition (12); Committee on Committees (2006-11); Committee on International Affairs, ConC Liaison (06-08); Committee on Minority Affairs, Conc Liaison (06-09); Women Chemists Committee, ConC Liaison (09-11); Committee on Nomenclature and Symbols, ConC Liaison (10-11); Joint Subcommittee on Diversity (Diversity & Inclusion Advisory Board), Con representative 06-11; Committee on Project SEED (94-04); Committee on Chemical Safety (99-05) Partnerships Subcommittee Chair (04-05); Division of Analytical Chemistry (79-92); Division of Petroleum Chemistry (79-82) and the Division of Chemistry and the Law (93-present). Cherlyn was honored as an American Chemical Society Fellow in 2012.

Besides her activities with the ACS, her other professional activities included the Chicago Chromatography Discussion Group (81-90) and ASTM: member (85-present); E-19 Committee on Chromatography (85-88); D-2 Committee on Petroleum Products and Lubricants (85-present); Chairman of D-2 Study Group on GC-Oxygenates (90-98) and of the Ethylene Study Group of Subcommittee D (1993); Liaison and consultant work with California Air Resources Board

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CHICAGO SECTION AMERICAN CHEMICAL SOCIETY JOINT MEETING WITH NORTHWESTERN UNIVERSITY DEPARTMENT OF CHEMISTRY

BASOLO MEDAL AWARD LECTURE AND DINNER FRIDAY, OCTOBER 10, 2014

DIRECTIONS TO THE TECHNOLOGICAL INSTITUTE

From the city: Take Lake Shore Drive North to Sheridan Road into Evanston. Continue on Sheridan Road to the Tech Institute at Noyes Street.

From the west: Take I-88 east to I-294 north to Dempster east. Proceed east on Dempster into Evanston. Turn left onto Chicago Ave. and proceed to Sheridan Road. Take Sheridan Road north to the Tech Institute. The Technological Institute is at the intersection of Sheridan Road and Noyes Street.

To those attending the Basolo Medal lecture, parking after 4:00 p.m. is available in the lot across from the Technological Institute at the corner of Noyes Street and Sheridan Road. Parking is also available on the side streets just west of this lot; however, observe the posted signs. Please see Section's website for campus map of additional parking options.

Ryan Auditorium is on the first floor of the Technological Institute and is most easily reached by entering through the main doors facing Sheridan Road. The auditorium room is clearly marked and there will be signs at the entrance to quide you to the room.

Poster Session (Tech Lobby): 3:00 P.M. – 5:00 P.M. Basolo Medal Lecture (Ryan Auditorium): 5:00 P.M. – 6:15 P.M.

The Medalist Lecture is open to the public and admission is free to all those wishing to attend.

2014 Fred Basolo Medalist



Dr. Makoto Fujita, School of Engineering, The University of Tokyo, Japan

"Metal-directed Self-assembly for Constructing Nanoscale Discrete Structures and Developing Functions in their Cavities" **Abstract:** Unavailable at time of publication. Please check the Chicago Section website at http://chicagoacs.org/meetinginfo.php?id=16 for updated information.

Biography: Makoto Fujita is Professor of the Department of Applied Chemistry, School of Engineering, The University of Tokyo, Japan. He received his Ph.D. degree from the Tokyo Institute of Technology in 1987 under the guidance of Professor Tamejiro Hiyama. After working in Chiba University (as assistant prof., lecture, and associate prof.) and the Institute for Molecular Science (IMS) at Okazaki (as associate prof.), in 1999, he was appointed as a full professor of Nagoya University. In 2002, he moved to his current position.

In view of constructing nanoscale discrete structures, Fujita has pioneered a novel principle of metal-directed selfassembly, in which transition-metal ions induce the spontaneous formation of targeted large frameworks. His method features an extremely elegant use of square planar coordination geometry which was first demonstrated in 1990 by the self-assembly of a Pd(II)-bipyridine square complex. Later on, a large variety of related molecules has been synthesized such as, in particular, cages, capsules, tubes, catenanes, and spheres. Most of these structures have large hydrophobic cavities, within which Fujita elaborated and studied unique molecular recognition events that led to controlled chemical reactions and induced physical properties, at a very early stage of this research area. These earlier studies have strongly contributed to triggerring the rapid development of molecular self-assembly over the last twenty years. Since 1994, Fujita has also actively contributed to the field of porous coordination networks. Dr. Fujita has about 280 publications between 1980 and 2013; more than 300 lectures and seminars at international or Japanese meetings, in universities or in industrial or governmental research centers. According to ISI Web of Knowledge, Makoto Fujita is a "Most-Cited Scientists in Chemistry" (around 18,000 citations).

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His h-index is equal to 71.

Dr. Fujita's awards and honors include: the ACS Arthur C. Cope Scholar Award, 2013; The Chemical Society of Japan (CSJ) Award, 2012; Kharasch Lectureship (University of Chicago), 2012; Abbott Lectureship (Illinois University), 2012; the 3rd Thomson Reuters Research Front Award, 2012; Leo Ezaki Prize, 2010; Japan Society Coordination Chemistry Award, 2010; The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, Research Category, 2009; Honorary Professor of Renmin University of China (Department of Chemistry), 2007; G. W. Wheland Award, 2006; International Izatt-Christensen Award in Macrocyclic Chemistry, 2004: Silver Medal of Nagoya Medal Seminar, 2003; Earl L. Muetterties Memorial Lectures in Chemistry (UC Berkeley), 2003; Visiting Professor, Université Louis Pasteur, 2002 and 1999; Japan IBM Award, 2001; Gold Medal of Tokyo Techno Forum 21, 2001; The Divisional Award of the Chemical Society of Japan, 2000; Progress Award in Synthetic Organic Chemistry, Japan; 1994.

Presentation of 2014 Basolo Medal

6:15 P.M.

Professor Chad Mirkin Northwestern University Chemistry Department

Acceptance of 2014 Basolo Medal

6:20 P.M.

Dr. Makoto Fuiita

2014 Basolo Medalist for Outstanding Research in Inorganic Chemistry

Chicago Section **ACS Announcements**

6:25 P.M.

Dr. Josh Kurutz

2014 Chair of the Chicago Section ACS

Dinner (Tech Patio) 6:30 P.M. Buffet dinner which includes beef, chicken, eggplant lasagna and fettuccine.

Dinner reservations are required and should be received in the Section Office via phone (847-391-9091), email (chicagoacs@ameritech.net) website (http://chicagoacs.org/ meetinginfo.php?id=16) by noon on Tuesday October 7. PLEASE HONOR YOUR RESERVATIONS. The Section must pay for all dinner orders. No-shows will be billed.

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 have NOT paid their local section dues and to non-members is \$37. The cost to students and unemployed members is \$20.

BASOLO MEDAL

The Fred Basolo Medal is given for outstanding research in inorganic chemistry. It was established by the former students of Dr. Fred Basolo in appreciation of his contributions to inorganic chemistry at Northwestern University.

Fred Basolo was born in Coello, Illinois in 1920 and received a B.Ed. at Southern Illinois Normal University. He then went to the University of Illinois where he received a Ph.D. with John C. Bailar, Jr. in 1943. After working on a classified military research project during WWII, he joined the faculty at Northwestern in 1946. In 1980, the University honored him with the Charles E. and Emma H. Morrison Professorship of Chemistry.

Internationally recognized for his original contributions to the syntheses and reaction mechanisms of transition-metal Werner complexes, Basolo did some of the seminal work in the developing fields of organometallic and bioinorganic chemistry. He was also a truly gifted teacher. Many of his former students occupy prominent academic and industrial positions. Basolo influenced students worldwide to study inorganic chemistry and received the 1992 ACS Pimentel Award in Chemical Education. He published 400 scientific publications and four books before his death in 2007.

Basolo's contributions to the profession of chemistry were equally outstanding. He served as President of the American Chemical Society in 1983 and as Chairman of the Chemistry Section of AAAS in 1979. He was a member of the Board of Trustees of the Gordon Research Conferences and its chairman in 1976. Some of the many honors received by Basolo include membership in the National Academy of Sciences, the American Academy of Arts and Sciences, foreign membership in the Italian Academy of Sciences Lincei, as well as the ACS Awards for Research and for Service in Inorganic Chemistry. He received the first Joseph Chatt Medal, the 1996 Willard Gibbs Medal, and was the 2001 Priestley Medalist of the ACS. Previous Basolo Medalists:

1991 Ralph G. Pearson

1992 Henry Taube

1993 Jack Halpern

1994 Harry Gray

1995 Lawrence Dahl

1996 Richard H. Holm

1997 Kenneth N. Raymond

1998 Malcolm Green

1999 Thomas J. Meyer

2000 James P. Collman

2001 M. Frederick Hawthorne

2002 Stephen J. Lippard

2003 Daryle H. Busch

2004 Malcolm H. Chisholm

2005 John E. Bercaw

2006 Ivano Bertini

2007 Richard R. Schrock

2008 Robert H. Grubbs

2009 Peter J. Stang

2010 Roald Hoffmann

2011 Gregory J. Kubas

2012 Richard Eisenberg 2013 Marcetta Y. Darensbourg University of California, Santa Barbara

Stanford University

University of Chicago

California Institute of Technology

University of Wisconsin, Madison

Harvard University

University of California, Berkeley

University of Oxford, UK

University of North Carolina, Chapel Hill

Stanford University

University of California, Los Angeles

Massachusetts Institute of Technology

University of Kansas

Ohio State University

California Institute of Technology

University of Florence, Italy

Massachusetts Institute of Technology

California Institute of Technology

University of Utah Cornell University

Los Alamos National Laboratory

University of Rochester

Texas A & M University



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CHICAGO SECTION 2014 ELECTION SLATE

The following slate of candidates was put together by the Nominating Committee for the 2014 Section Election. New officers will take office January 2015.

OFFICERS: CHAIR

Mary Jo Boldingh Paul Brandt

VICE-CHAIR

Ken Fivizzani* Avrom Litin

SECRETARY

Nicole Shoshenskiy

TREASURER

Amber Arzadon Mark Kaiser*

DIRECTORS

Ilana Lemberger Jozef Stec Lou DeFilippi Beau Wangtrakuldee Shelby Hatch Carmen Marquez* Norm Hudson Doris Espiritu

COUNCILORS

Charles Cannon* Herb Golinkin* Russ Johnson Josh Kurutz Susan Shih*

ALTERNATE COUNCILORS

Amber Arzadon* Tom Higgins Avrom Litin Margaret Levenberg*

*Incumbents

SECTION MEETING DATES

Friday, October 10, 2014 Thursday, November 20, 2014 Friday, December 12, 2014 Thursday, January 15, 2015 Thursday, February 12, 2015 Friday, March 12, 2015 Thursday, April 23, 2015 Friday, May 15, 2015 Thursday, June 18, 2015 Thursday, September 17, 2015 Friday, October 23, 2015 Thursday, November 19, 2015 Friday, December 11, 2015

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"CHEM SHORTS" For Kids

The The Primary 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.

Powdered Olive Oil

Kids, what is molecular gastronomy? It's food science that seeks to understand the chemical and physical transformations that occur during cooking. It uses chemistry to put a modern spin on traditional foods. In this experiment, you will combine maltodextrin powder with olive oil to make a powdered oil. Maltodextrin is a carbohydrate powder derived from starch that dissolves the instant it hits your mouth. It melts away with no gritty or powdery sensation, so you taste the oil. You will need maltodextrin and olive oil. Food-grade maltodextrin is sold under many names, including N-Zorbit M, Tapioca Maltodextrin, Maltosec, and Malto.

Whisk together maltodextrin and oil or combine them in a food processor. You can use a fork or spoon if you don't have a whisk. Use 4 grams powdered maltodextrin and 10 grams extra virgin olive oil. For a fine powder, you can use a sifter or push the powder through a strainer. You can serve the powdered olive oil by itself in a decorative spoon or as a topping on dry foods, such as crackers.

Alternative method is to combine maltodextrin with other fatty products such as peanut butter. The only 'rule' is to mix it with a lipid, not water or a high-moisture ingredient.

Notes: Don't put the powder in contact with a liquid because it will dissolve. The powder will last for a day at room temperature or for several days if sealed and refrigerated. Be sure to keep the powder away from moisture or high humidity.

Reference:

AVROM LITIN

Anne Marie Helmenstine

http://chemistry.about.com/od/ediblescienceprojects/fl/How-To-Make-Powdered-Olive-Oil-Molecular-Gastronomy.htm

Submitted by DR. KATHLEEN CARRADO GREGAR

To view all past "ChemShorts for Kids", go to: http://chicagoacs.org/articles.php?article.category=1.com

"THE SWEET SIDE OF CHEMISTRY -CANDY" CHEMISTRY DAY AT MSI ON OCTOBER 25TH

The Chicago Section of the American Chemical Society will present the 2014 Chemistry Week program on Saturday, October 25 at the Museum of Science and Industry. The Chemistry Week program is scheduled to begin at 10 am (The Museum opens at 9:30 am) and should conclude around 3 pm. We will be using the West Wing of the MSI building. The Chemistry Week event should be free but there may be an admission cost to see other exhibits at MSI.

The topic this year is "The Sweet Side of Chemistry – Candy." A lot of candy companies started in Chicago and their homes are still here today. There will be: 1) some hands on experiments on candy; 2) a number of talks about candy and the related chemistry details; 3) a good number of vendors and demonstrators talking about the chemistry of candy; 4) and some spectacular demonstrations to end the program. We hope that you can join us!

The Museum of Science and Industry is located at 5700 S. Lake Shore Drive, Chicago, IL 60637. To get to the Museum using public transportation take CTA bus (# 2, 6, or 55) or the South Shore Line (get off at 55-56th St stop and walk east to the museum). Driving instructions take Lake Shore Drive and get off on East 57th St and drive around to the west side of building to enter the parking lot or take Stony Island and turn east on 57th St and drive around to the west side of building to enter the parking lot. Parking is \$20 per vehicle.

to enter the parking lot. Parking is \$20 per

DAVID CRUMRINE dcrumri@luc.edu

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LETTER FROM THE CHAIR

Dear Chicago ACS Members,

This month we lost one of the most valued and cherished members of our organization: **Dr. Cherlyn Bradley**.

Cherlyn was a mainstay of Chicago Section for many years, and was wonderful to work with. When I came in as Director, hardly knowing anyone on the board and trying to figure out how things worked, Cherlyn was a friendly and helpful elder. Every now and then when I looked confused, she would pull me aside and quietly explain what was going on. Even as time went on and I got more acclimated, she would still quietly and kindly advise me what was expected - the sorts of things that were expected but not written down in any job description. I will always remember her for her gentle, patient demeanor and making me feel welcome and appreciated. It is safe to say that many many others share such memories of her, for she did the same for them, too.

She leaves quite a legacy. Longestserving Editor of the Chemical Bulletin, ever. Champion of Project SEED, which brought research experiences to dozens of underprivileged high school students. Co-founder of the multi-section exhibit tent at the Illinois State Fair, at which she stalwartly volunteered until she was no longer able, and which this year attracted over 20,000 fairgoers (a record that broke last year's by about 35%). She was extremely dedicated and hardworking, and at the same time cordial, open, pleasant, and caring. She was a model for us to emulate, and we would all do well to be half as good as she was.

She will be sorely missed.

JOSH KURUTZ



REPORT OF COUNCIL MEETING IN SAN FRANCISCO

The 248th National Meeting of the ACS was held in San Francisco, CA, from August 10 – 14, 2014. The theme of this meeting was "Chemistry and Global Stewardship." The Chicago Section was represented by Charles Cannon (Local Section Activities), Irene Cesa, Dave Crumrine (Constitution and Bylaws), Ken Fivizzani (Community Activities and Chair, Division of Chemical Health and Safety), Herb Golinkin (Constitution and Bylaws), Michael Koehler, Fran Kraviz, Inessa Miller, Barbara Moriarty (Science) and Susan Shih (Education).

Finances: The Society's 2014 probable year-end financial projection were reviewed. The Society is expected to end 2014 with a Net Contribution from operations of \$14.4 million, or \$752,000 higher than the Approved Budget. Total revenues are projected to be \$497.2 million. This is \$1.1 million or 0.2% unfavorable to the Approved Budget. This shortfall is primarily due to lower-than-budgeted Electronic Services, Registration Fees, and Advertising revenues. Total expenses are projected at \$482.8 million, which is \$1.9 million or 0.4% favorable to the Approved Budget. This variance is the result of lower-than-budgeted expenses across multiple categories primarily in the Society's information services divisions (CAS and Publications). The Society is not expected to meet the reserve adequacy guideline again in 2014. The Board of Directors voted on the recommendation of the Society Committee on Budget and Finance, to approve an advance member registration fee of \$390 for national meetings held in 2015.

Governance: The Council elected councilors to serve on the Committee on Committees, the Council Policy Committee and the Committee on Nominations. For the Committee on Committees – Mitchell R.M. Bruce, Judith N. Currano, Helen A. (Bonnie) Lawlor, Zaida Morales-Martinez, and Robert A. Pribush were elected. For the Council Policy Committee – Lawrence Barton, Lynne P. Greenblatt, Peter C. Jurs, Linette M. Watkins and Andrea Twiss-Brooks were elected. For the Committee on Nominations and Elections – Lydia E.M. Hines, Robert L. Lichter, Mamie W. Moy, Anne T. O'Brien, and Eleanor D. Siebert were elected.

The candidates for the fall 2014 ACS national election for President-Elect 2015 are Peter K. Dorhout, William A. Lester, Jr, and Donna J. Nelson. Candidates for Directors-at-Large, who are elected by Council, are Dawn A. Brooks, William F. Carroll, Jr., Barbara A. Sawrey and Ellen B. Stechel.

Meetings and Expositions: The attendance at the San Francisco meeting was reported to be the most attended fall meeting since 2002 with 11,847 papers and 15,761 attendees, including 432 booths representing 285 companies.

The Fall 2022 meetings is scheduled to be held in Chicago. This is the first time an ACS national meeting is planned for Chicago since 2007.

Committee on Economic and Professional Affairs (CEPA): The Committee on Economic and Professional Affairs (CEPA) reported that the unemployment rate for chemists has gone down to 2.9%. However, the unemployment rate for new hires was 14.6% and the unemployment rate for new Bachelor's degree hires was 15.8%. The on-site career fair at the meeting had 651 job seekers and 38 employers. The virtual career fair had additional job seekers and employers. The Council approved the updated Professional Employment Guidelines (PEG).

Local Sections: The theme for National Chemistry Week, to be held October 19-25, is "The Sweet Side of Chemistry: Candy."

Chemistry and Public Affairs: The section won a Chemluminary Award for its meeting with Congressman Danny Davis and the follow-up from that meeting.

If you have any questions and/or comments about the above actions, please contact me or one of your other representatives. You may contact me by email (barbaramoriarty0@gmail.com).

BARBARA MORIARTY

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and Environmental Protection Agency on methodologies for meeting oxygenates and low sulfur regulations for reformulated gasoline (94-97). She received a Certificate of Appreciation from the D-2 Committee for work dealing with the development of consensus method for analyzing trace carbonyl sulfide in propylene and for leadership in developing consensus methods for determining oxygenates in gasoline (1994).

Dr. Bradley's other achievements included the Robert M. Montgomery Outstanding Young Alumnus Award from Illinois Wesleyan University in 1985 and the Chicago Association of Technological Societies Award of Merit in 1996. She has mentored students participating in the Bayer/NFS Award for Community Innovation in 1999; provided an interview in Triton College's recruiting science career video for high school minority women in 1990 and presented to the Explorers group of the Boy Scouts of America on analytical chemistry and science careers in 1994.

Since her retirement from BP in 99, she was an active participant with the BP Volunteers and was the current Chair of the Naperville Chapter. Cherlyn's current volunteer activities included the Court Friends Program, a DuPage County Court program which monitors files of court appointed guardians of disabled adults; special events at Morton Arboretum in Lisle and helping on the BP retirees website taskforce. She was an active member of her church, Saint Eulalia. Cherlyn has been a Bible study leader, church library chair, Parish Council Secretary and was an Eucharistic minister. Dr. Bradley was also a Board member of the North Star Credit Union (1984 to present) and was the Board Secretary (1994 to present).

Contributions may be made to the Chicago Section of the American Chemical Society Project SEED fund; Saint Eulalia Church of Maywood; The Salesian Missions of New Rochelle, New York; the Society of Missionaries of Africa, Inc. or the Moody Bible Institute of Chicago.

THE CHEMICAL BULLETIN'S ONE HUNDREDTH ANNIVERSARY

One hundred years ago this month, *The Chemical Bulletin* made its first appearance as the newsletter publication of the Chicago Section of the American Chemical Society. Volume 1, Number 1 was an eightpage issue full of news regarding chemists within the Chicagoland area and the other associated sections and a few ads. The topic of the section meeting reported in that issue on page 1 was "Future of the Chicago Section of the American Chemical Society". Otto Eisenschiml was chair of the section and also the founder and first editor of the newsletter, originally called the *Chicago Chemical Bulletin*.



October 10: Chicago Section ACS Joint Dinner Meeting with the Northwestern University Department of Chemistry. This is the Basolo Medal Award Lecture, Dinner, and Presentation. The lecture and dinner will be at Northwestern University. **See details in this issue**.

October 11: Des Plaines Public Library will hold their annual Family Science Expo in Des Plaines, IL from noon to 4 p.m. The Chicago Section ACS will have a booth there. Contact Avrom Litin at Alitin@comcast.net to volunteer at the booth. Contact the DesPlaines Public Library at http://calendar.dppl.org/evanced/lib/eventsignup.asp?ID=25038&ret=http://dppl.org/calendar/month/2014/10/ for further details on the event.

October 11, 18, 25: Volunteers needed for the Chicago Section ACS Boy Scout of America's Chemistry Merit Badge program, noon to 1 p.m. on either Saturday, October 11 at North Central College in Naperville; Saturday, October 18 at College of Lake County in Grayslake; or Saturday, October 25 at Oakton Community College in Des Plaines to discuss their chemistry career. Contact Fran Kravitz at fk1456@sbcglobal.net if you are available to help.

October 25: The Chicago Section ACS will hold their Chemistry Week program at the Museum of Science and Industry from 10 a.m. to 3 p.m. in the west wing of the museum. This year's theme is "The Sweet Side of Chemistry – Candy." **See details in this issue**.

November 4-7: Laboratory Management Conference sponsored by The Association of Laboratory Managers (ALMA) will meet in Annapolis, Maryland. See details at http://labmanagers.org.

March 8-12: The Pittcon will hold its annual conference and exposition in New Orleans, LA. For further details, visit http://pittcon.org/exposition/.

March 12-15: National Science Teachers Association will hold its annual meeting in Chicago. For further information, visit http://www.nsta.org/conferences/#future

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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.

LETTER FROM THE PAST EDITOR

This is a very special issue of The Chemical Bulletin, dedicated memory and celebration of the life of Cherlyn Bradley. She recently passed away and left a large void in the hearts of her friends, family and colleagues. She is one hard act to follow. Cherlyn Bradley had been editor for thirteen and half years. She was in fact the longest acting editor of The Chemical Bulletin since its inception. In February of 2001, Cherlyn took over as editor from Sanford Angelos and Barbara Moriarty (2000-2001). Cherlyn was an extremely organized and detailed individual which are great assets to have as an editor. Her patient nature was the true gift that she brought to The Chemical Bulletin. One thing you learn early on as editor is the number of reminders you have to send out to get material on time and sometimes you need to write articles because of the lack of material. She would never complain and would always try to squeeze in one more article if you wanted it into a particular issue or wait as long as possible to receive an article before The Chemical Bulletin went to press.

Cherlyn and I have been friends for over thirty years. We met at a board meeting when they were still held downtown in the Standard Oil Building. We were for many years just colleagues and good friends because I still lived downtown. We became best friends after I moved to Winfield (less than one half a mile from her). We were more like sisters and called each other three and four times a day just to discuss nothing. We traveled to national meetings, local section dinner meetings and board meetings together. People would come up to one of us if we went to something alone and ask where our twin was. Cherlyn was part of my family. She was there for all the celebrations with my son and husband. I think in some cases my son felt she was his second mom, calling her when I was unavailable for a ride or just to ask her advice.

Cherlyn, you will be missed and none of us will ever be able to fill your shoes. I will be fulfilling her term as Chemical Bulletin editor until December 31, 2014. This is my gift to her and an honor for me to help carry on her legacy.

FRAN KRAVITZ Past Editor of *The Chemical Bulletin* 1992-1999

THE AMERICAN ASSOCIATION OF CHEMISTRY TEACHERS (AACT)

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