

KALCHEMIST NEWS

January-February 2004



Message from the Chair Patrick A. Irish

It will be just as busy this year as it was last year, as you will see later in this newsletter. Benjamin outlined the major activities that took place in just the fall of last year in the last newsletter. We should take pride in the fact that all of our planned activities went off with no major obstacles, despite the changes going on around us. Our current plans are for us to continue with all of our recurring activities, and actually increase funding for some that are student-oriented. We plan to have a tour speaker in the spring and in the fall this year, and are discussing having some local speakers in a more informal setting as well.

One of the things that ACS national headquarters encourages local section leaders to do is formulate goals for the section-some things they would like to see the section accomplish during their tenure in service to the executive committee. I only have a couple, and I wish to share them with you.

1. I wish to continue with all of our recurring activities, with no negative impact to the people our activities affect. This means that, despite a potential budget reduction, and a reduction in our local membership, I would like to see things like Merit Badge Day for the Boy or Girl Scouts, Chemistry Day at the Museum, Project SEED, and our awards programs for the local schools, continue unabated.
2. I wish to see us have greater media coverage at events in which we participate. We have had several activities in the past year that were very well attended, with literally hundreds of volunteers, and I would like to see that better covered in the newspapers and maybe even on the local television channels.

There are a couple of things that you as members can do to help make these goals a reality. First, VOLUNTEER! It is a great way to meet chemists that work in other fields, network, and make some new friends with similar interests. If you are interested in helping out with any activity, or just want to come to a meeting or get to know some other chemists, call or e-mail anyone on our EC. We would all be glad to hear from you, and would have no problem at all finding something for you to do. Second, the national headquarters would like us to have a dedicated public relations committee, with the purpose of increasing media attention for local activities. We have not yet formed that committee, and are still looking for a chair. If you are interested in PR, please give one of us a call or e-mail. There are many resources the national headquarters will make available to us in the PR area, including a trip to D.C. for some formal training in PR work.

In closing, please welcome the new EC members aboard. If you see Kent Alleman-your new Chair-Elect, or Joan Esson-your new Secretary, congratulate them and ask if there is any way you can be of help to them or your local section. Also congratulate Sheryl Loux as our Alternate Councilor. I thank Benjamin Maxey, our outgoing Chair, and Brian Buffin, our outgoing Secretary, for all of their hard work and dedication. Thanks also to the rest of our EC that is continuing this year in their spirit of volunteering and service to their local section and community.

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KACS presents two Salutes to Excellence

Two Salutes to Excellence were given on Friday, December 5, 2003, at the Kalamazoo Aviation History Museum at a gathering of about 350 volunteers and families. Consistent with our NCW theme of Earth's atmosphere and beyond during the centennial year of powered flight, one of the plaques was given to the Museum for its 26-year diligence in aviation education in the Kalamazoo area, and the second plaque was given to Jerry Pahl, Education Assistant at the museum, honoring his 30-year commitment to aviation/science education first as a public school teacher and now as the Education assistant at the Museum. Both recipients were surprised to be so honored, and that made the presentation more special. Congratulations and best wishes are in order for both recipients for their continuing efforts in the education of youth and adults.



Awards Committee News

Committee Members: Sheryl J. Loux (269)343-4737 email sjloux@medscape.com, Lydia E. M.Hines (269)375-7349, Dr. Dean W. Cooke (269)375-2357

The Awards Committee is soliciting nominations for "Outstanding Service to the Kalamazoo Section of the American Chemical Society" until March 15, 2003. The awards will be presented at the spring awards banquet in May 2004. Please contact one of the Awards Committee members who are given above with your nomination.

KACS 2004 Executive Committee

As we begin the year 2004 we usher in a new Executive Committee serving the KACS section. For the benefit of both old-timers and new members, the following are the biographical sketches of some of the committee's elected officers.

Chair: Patrick A. Irish

I served in the US Army as a Military Policeman from Nov 1981 through Feb 1991, mostly in Germany. I remained in Germany from Feb 1991 through Dec 1993, working in personnel security. I returned to the US in Dec 1993, and enrolled in college at Ferris State University and graduated with a B.S. in Chemistry Education (summa cum laude) in May 1997. I started work at the then Pharmacia & Upjohn Company as a QC chemist in Oct 1997, then moved into R&D in the spring of 1999, and currently works in Analytical R&D for Project Progression Kalamazoo-a section of Pfizer Pharmaceutical Sciences. My areas of scientific interest and experience are HPLC, LC/MS, robotic liquid handling systems, and lab automation.

Chair-Elect: Kent S. Alleman

BA Chemistry, Hiram College, Hiram Ohio 1993

MS Analytical Chemistry, Indiana University, Bloomington Indiana 1996, Major Professor: Stephen E. Creager

PhD Analytical Chemistry, Indiana University, Bloomington Indiana 1998, Major Professor: Dennis G. Peters

In August 1998, joined Pharmacia & Upjohn as an analytical scientist in Pharmaceutical Development. Primary job function is development and validation of chromatographic methods for drugs and their dosage forms. Special interest in the application of headspace gas chromatography in the pharmaceutical industry.

Past Chair: Benjamin A. Maxey

I have a Chemical Engineering background and am a University of Michigan alumnus (Go Blue!). I grew up in the Kalamazoo area and started with The Upjohn Co. in 1988. I am currently a Supply Team Leader in the Kalamazoo API area of Pfizer Global Manufacturing. I have enjoyed participating in many of the local section activities, including the annual Chemistry Day at the Museum and the biennial Boy Scout Merit Badge day, and was the Kalamazoo section Publicity Chair for the successful Regional Meeting held in Grand Rapids in 2001.

Councilor: Lydia Hines

I became a member of the KACS in 1975 when I began my employ at The Upjohn Company. I became active from the very beginning of my relocation to Kalamazoo; I have served as Alternate Councilor and now Councilor (since 1983), Public Relations coordinator, NCW Coordinator, organized the first Chem Day at the museum in March of 1988 and continued in that capacity for several years, was Section Chairman in 1981 and served as General Chairman of the 1984 Joint Great Lakes/Central Regional Meeting in Kalamazoo. I resigned from The Upjohn Company in 1985 to raise 3 children and care for an ill mother, and I am currently scheduled to begin teaching a course in beginning chemistry at KVCC – I hope to help students "give chemistry a chance".

Alternate Councilor: Sheryl J. Loux, MPI Research, Mattawan, MI, Tele: 269-343-4737,
sjloux@medscape.com

I am currently employed in the ADME (adsorption, distribution, metabolism, and excretion) as a research biochemist at MPI Research in Mattawan, MI and previously was with Pfizer for 25 years. I have served the Kalamazoo Section of the ACS since the early 1980's in various capacities including: Publicity Chair, Secretary, Teacher Outreach Committee founder and Coordinator, Women Chemists Committee founder and steering committee member, Awards Committee Chair, Alternate Councilor, and outreach volunteer for talks and demonstrations.

CHEMISTRY DAY 2003

Over 100 volunteers and 1000 children participated in the 17th annual Chemistry Day on Saturday, November 8. Chemistry Day is co-sponsored by the Kalamazoo Section of the American Chemical Society and the Kalamazoo Valley Museum and includes approximately 25 hands-on chemistry demonstrations for elementary school children. This year's theme in accord with National Chemistry Week was "Earth's Atmosphere and Beyond." Chemistry Day is a great opportunity to share your excitement about science and support the community. The theme for 2004 involves chemistry and healthcare – a great opportunity for local chemists! If you are interested in volunteering next year, please contact Julie Lorenz (269-833-2209) or Patrick Irish (269-833-6818) for more details.

Thanks to the following volunteers who signed up for Chemistry Day 2003:

Scott Aldrich	Jenn Brink	Mark Reaser	Michelle Ruitter
Mary Aldrich	Alyson Smilanich	Laura Henderson	David Yancey
Annette Hoppenworth	Sheryl Loux	Omari Komau Bell	Arie Voorman
Angela Anson	Evan Loux	Suzanne Gorham	Neil Gajare
Karen Clausen	Carl Stachew	Mandy Suggitt	Rohan Krishnamurthy
Daniel Davis	John Stodola	Jason Bradley	Curtis Deer
Deb Bryant	Jeffrey Weber	Donald Fenton	Liz Wiess-DeBoer
Jackie Belden	Lori Todd	Lori Earls	Jarrod Breeding
Donald Schreiber	Julie Wittbrodt	Mark Crawford	Ariel Swanson
Janice Ensing	Erik Johnson	Rasha Alaraifi	Michael Ingram
Eric Schreur	Steve Bertman	Andy Li	Abby Strefling
Mark Gerger	John Grace	Amy Conine	Elizabeth Sodt
Chris Glass	Jeremy Cook	Abbie Lee	Chris Ciptadjaya
Jeannette Greselin	Dan Huffman	Troy Flodin	Jerry Pahl
Ellen Harrington	Andrea Yancon	Tatiana Mitchell	Gerald Harris
Leslie Hawley	Katy Downer	Deanna Cunningham	Wally Hines
Patrick Irish	Lindsay Voss	Cheryl Emanuel	Rupal Patel
Adam Jakob	Nick Beimer	William Merriweather	Kristen Eichorn
Joan Esson	Jon Marshall	Morledge Doris	Eric Boromisa
Joe Thorstenson	Chris Socha	James Smedley	Muhammad Rizwan
John Miller	Melinda Schaller	Andre Williams	Zahoor
John Hofferberth	Ian Aseltine	Roy Brigham	Julie Lorenz
Rebecca Johnson	Sobia Khaja	Sakeena Jones	Benjamin Maxey
Kathy Godin	Kevin Ratz	Joshua Moore	
Lydia Hines	Daniel Carmona	Cherron Glosson	
Anne Miller	Lisa Howard	Shri Aravamuthan	
Nancy Wicnienski	Lori Cortell	Jesse Baker	
Lynn Pruitt-Timko	Kelly Dollar	Matt Gumbleton	
David Russell	Valerie Vogan	Shauna Paradine	
Cliff Sacks	Steven Hedstrom	Rishi Mediratta	
Carly Chamberlain	Ryan Johnson	Andy Whiteman	
Amy Sykora	Whitney White	Evelyn Hall	

John Stodola (Pfizer, Pharmaceutical Sciences-Analytical Research and Development) and Shauna Paradine (Kalamazoo Area Math and Science Center) help Camden and Branden Maxey understand how milk can dance! (Photograph provided by Benjamin Maxey.)



Patrick Irish, Anne Miller and Daniel Davis (Pfizer, Pharmaceutical Sciences-Analytical Research and Development and Supply Chain Analytical Control) demonstrate “how cold is cold” with liquid nitrogen. (Photograph provided by Julie Wittbrodt.)



News from the Women Chemists Committee of the KACS

by Sheryl Loux

Nominations Sought for STEERING COMMITTEE MEMBERS OF THE WCC

The Steering Committee is composed of up to 5 WCC members. Steering Committee members have staggered 3-year terms (expiration year of term in parenthesis). Currently 1 of 5 positions on the steering committee expired at 2003 year end. Please consider nominating yourself. Nominations will close by February 2, 2002 and elections will be held by the end of February 2002.

GIRL SCOUT CHEMISTRY MERIT BADGE DATE SET *Volunteers Needed—No experience necessary!*

(Contact a steering committee member to volunteer)

9 AM to 3 PM, Saturday, March 13, 2004 for 100 Girls Scouts at WMU.

Volunteers can be scheduled to work for half or whole day.

All the experiments plus answers and explanation can be obtained in advance by email and are available for your use during the experimental labs. The average age of the Scouts is 11 years.

The laboratory will be led by an experienced demonstrator. No chemistry background is required for the volunteers. The Girl Scouts provide pizza and drink for volunteers and Scouts.

Join the WCC—new members are welcome!

Any Kalamazoo Section member may join. Just email Sheryl J. Loux at sjloux@medscape.com. Currently our goals include conducting the Girl Scout Chemistry Badge every other year, writing experiments for the Glowing Embers Handbook of Badges, and sponsoring speakers.

The KACS WCC Steering Committee

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The KACS Women Chemists Committee

Other WCC members:

Please contact Sheryl J. Loux at sjloux@medscape.com with your wish to remain or join the WCC. I need to update our records. Thank you.



<http://membership.acs.org/g/glrm04>

Formulate Your Future

October 17-20, 2004

Peoria, Illinois

American Chemical Society
36th Great Lakes Regional Meeting

Symposia

The Future of Chemical Education in the Great Lakes Region
Polysaccharide Structure and Function
Agricultural Chemistry & Technology
Entrepreneurship in the Chemical Sciences
Bioenergy, Biofuels, & Biodiesel

Technical Sessions

Natural Product Chemistry
Organophosphorous
Biochemistry
Inorganic Chemistry
Undergraduate Research

Emerging Technologies
Organic & Polymers
Medicinal Chemistry
Physical Chemistry
Chemical Education

Awards

Industrial Innovation
High School Teacher of the Year
"Chemagination"

Networking

Women Chemists Luncheon
Power Breakfast
Student Affiliates
Poster Session-Monday pm

Education

Teacher Education Workshops
ACS Short Courses
Grant Writing Workshop

Outreach

Kids & Chemistry
National Chemistry Week
Project SEED

Regional Employment Clearinghouse

Industrial and Academic Exposition

General Chair
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<http://membership.acs.org/g/glrm04>



2004 KACS Calendar

Contact the person in parentheses to answer questions or to volunteer

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- January 8 KACS Executive Committee Meeting, Pfizer B126 CR, 4:30pm
- February 5 KACS Executive Committee Meeting, Pfizer B126 CR, 4:30pm
- March 5 KACS Executive Committee Meeting, Pfizer B126 CR, 4:30pm
- March 13 Girl Scout Chemistry Day
(Sheryl Loux sjloux@medscape.com, 269-343-4737)
- April 1 KACS Executive Committee Meeting, Pfizer B126 CR, 4:30pm
- April 23 Spring Tour Speaker Ann Mary Nefcy
Topic: "Today's Environmental Chemistry: What are we doing? Where
are we going?"
(Patrick Irish, patrick.a.irish@pfizer.com, 269-833-6818)
-

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