

KALCHEMIST NEWS

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<http://www.wmich.edu/acs/>

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Message from the Chair
Patrick A. Irish

Greetings,

On a personal note, I was the beneficiary of good chemistry for the last two months. I had a herniated disc in my lower back, and was in extreme pain. Thanks to anti-inflammatories such as valdecoxib, and analgesics such as hydrocodone and oxycodone. The disc required surgery, which also led me to thank clindamycin, Versed, Fentanil, Morphine, and Percocet. The recovery has required me to thank Neurontin, and again hydrocodone (though in lower doses, and less often). I owe gratitude to the gifted surgeon, but the entire process would have been much more painful and risky had it not been for good medicines. My personal experience with chemistry has led me to believe in the benefits provided by the pharmaceutical industry in particular, and the chemical industry as a whole.

On a local section note, we have a spring tour speaker in Kalamazoo on April 23. Her name is **Ann Mary Nefcy**, and she has a great deal of experience with environmental and water safety chemistry-she has worked for the EPA and other environmental agencies during her interesting career. Her topic will be "Today's Environmental Chemistry: What are we doing? Where are we going?" Her talk will be held in 1301 Wood Hall of the Western Michigan University campus, April 23, at noon. Please come and give a listen; it should be a very interesting talk, and Ann Mary is a very colorful speaker. Hope to see you there!

Patrick

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For mailing address changes, please contact Karin Kwok
(karina.kwok@pfizer.com, 833-4729)

KACS 2004 Executive Committee

In this newsletter we continue with the biographical sketches of the KACS executive committee members.

Secretary: Joan Esson

I was raised in Erie, PA and moved to Kalamazoo in 2000 to begin a position as Assistant Professor of Chemistry at Kalamazoo College. I received my B.S. in Chemistry from Baldwin-Wallace College in Berea, OH, and went on to receive my Ph.D. in Analytical Chemistry from The University of Michigan, studying in the laboratory of Mark Meyerhoff. I then went to Penn State University to complete a one-year postdoctoral position with Andy Ewing. Since arriving at Kalamazoo College I have been the faculty advisor for the ACS student affiliate section, and actively volunteer for several ACS outreach activities, including Museum Day, Boy Scout Merit Badge Day, and Girl Scout Merit Badge Day.

Councilor: Dean Cooke

I became a member of the ACS in 1956, my first year as a graduate student at the Ohio State University. I received my PhD in Inorganic Chemistry in 1959 and accepted a teaching position in the Chemistry Department of the University of Michigan that fall. After teaching there for seven years I accepted a position in the Chemistry Department at Western Michigan University where I taught for twenty nine and one half years, retiring as Emeritus Professor in Chemistry in January, 1996. In the latter years of my teaching career I became interested in bringing chemistry to elementary school teachers and taught several courses and gave many workshops on that topic.

I joined the KACS in 1966 and soon became chair of the Education Committee of the section, a position that I held off and on until 2001. In 1975, I served the section as Chair and in 1978 I became one of the two Councilors who serve the section on the national level. At the end of 2004, I will have served for 27 years in that position. On the national level I have served on several committees including two elected committees.

Alternate Councilor, Donald R. Schreiber

Following my Ph.D. at University of Miami, I spent four years at Lawrence Berkley National Laboratory and the University of California, working with Professor Kenneth S. Pitzer on ionic solutions in the region of their critical point. In 1988 I joined the faculty of Western Michigan University's Chemistry Department. I have served the department in a number of capacities including Undergraduate Advisor and Advisor to the Student Affiliates of the ACS. At Western I have been studying the fate of metals in the aquatic environment using thermodynamic models. I have been an active member of the Kalamazoo Section of the American Chemical Society since coming to Kalamazoo. Prior to becoming Alternate Councilor, I served as Secretary on an interim basis and as Chair of the Section. I also serve as the section's Project Seed Coordinator and as Chair of the Education Committee.

Treasurer, Michael L. Kiella

Michael Kiella is currently employed as a Technical Manager in Pfizer Global Manufacturing - Kalamazoo Active Pharmaceutical Ingredients Compliance Management Group. Prior to work in Quality Operations, he was an Associate in Physical and Analytical Chemistry Research at Pharmacia & Upjohn working in the lab of Dr. Jack DeZwaan. Mr. Kiella is in his 19th year at Pfizer, starting with the legacy Upjohn Company. Michael began his career in the pharmaceutical industry in the lab of Mr. Gary Boerner at the Perrigo Company in Allegan Michigan. He is a 15-year member of the Kalamazoo Section of American Chemical Society and in his third term as Treasurer of the Executive Committee. Michael is Industry Advisor to the Western Michigan University Student Affiliates and ChemClub. He co-chairs the Local Section Government Affairs Committee with Dr. John Stodola. Michael holds an Associate of Science Degree from Kalamazoo Valley Community College and a Bachelor of Science Degree from Western Michigan University

His away-time is spent reading (essays and short fiction) and traveling with his family. Mr. Kiella lives in Allegan with his wife, Barbara.

News from the Women Chemists Committee of the KACS

Sheryl Loux

Election of New WCC Steering Committee Member

Congratulations to Jennifer A. Larese! The election was held the last week of February.

The KACS WCC Steering Committee

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GIRL SCOUT CHEMISTRY MERIT BADGE

The report on the Girl Scout Chemistry Badge event held on **9:00 AM, Saturday, March 13, 2004 for 100 girls scouts at WMU** will be in the next issue of the newsletter.



The Peoria Section of the
American Chemical Society
invites you to participate in the

36th Great Lakes Regional Meeting
“**Formulate Your Future**”,
October 17-20, at the Pere Marquette

Infinite
Possibilities

Multiple
Opportunities

One
Compelling Event

Join the best minds in education, industry and government at *a variety of technical and poster sessions*, including symposia focused on education, food and agricultural chemistry, and polymer chemistry, in addition to the core high-quality ACS sessions.

The North Central American Oil Chemists' Society will also sponsor *numerous symposia* ranging from new crop developments to edible applications.

Meeting highlights will include:

Teacher Workshop

Short Courses

Undergraduate Poster Session

Vendor Exposition

ACS Regional Employment Clearinghouse

Riverboat Cruise Awards Dinner

WCC and YCC Events

<http://membership.acs.org/g/qlrm04>



**Be Seen in
Peoria!**

**Spring Tour Speaker
Mary Ann Nefcy**

**“Today's Environmental Chemistry:
What are we doing? Where are we going?”**

April 23, 2004
Western Michigan University

Abstract

Engineers view the environment at the Macro-level, while chemists look at the molecular level. Botanists, biologists, computer scientists, ecologists, geologists, and environmental scientists all contribute to environmental work. Environmental projects are multi-disciplined, with chemistry providing the structural support. Ann Mary Nefcy will present an overview of the chemistry process. She will also show case studies of environmental projects: the GOOD, the BAD, and the UGLY. Her presentation will include slides of major environmental Superfund clean-up sites, innovative mining discharge clean-ups, wetland identifications and delineations, today's modern analytical laboratory, and the world's mountains. This technical briefing can help you understand the important role of chemistry in environmental cleanup projects.

About Our Speaker

Ann Mary Nefcy obtained her B.S. in Chemistry from the University of Michigan in 1971 and her M.S. in Chemistry from the University of Colorado in 1990. She started her career at an environmental laboratory, Clayton and Associates, in Detroit, Michigan. She worked for three years at the Colorado Department of Health, and then, 13 years at the United States Geological Survey. There, she worked in the National Water Quality Laboratory, the U.S.G.S. Director's Office, and the Office of Hydrologic Research Laboratories. After completion of her graduate degree, she founded an environmental consulting company, ChemData Corporation, and worked for 8 years consulting on environmental projects. Then she left for our Nation's Capital. Ann Mary just finished a two year appointment emphasizing policy and program management at the United States Environmental Protection Agency in the Office of Solid Waste and the Office of Pesticide Programs. Today, she is a consultant in Washington DC. She serves on the Board of Governors of the American Chemical Society - Chemical Society of Washington for the past two years.

For directions to Western Michigan University please refer to the following link:

<http://maps.pp.wmich.edu/KaMai/index.html>

For additional information please contact Patrick Irish Patrick.a.irish@pfizer.com; (269)833-6818

KALAMAZOO SECTION ANNUAL AWARDS BANQUET

The Kalamazoo Section of the ACS will hold its Twenty Eighth Annual Awards Banquet on Monday, May 24, 2004, in the West Ballroom of the Bernhard Center on the Western Michigan University Campus from 6:00 to 8:00 p.m. The awards banquet is held annually to honor outstanding high school senior chemistry students and high school teachers.

At the dinner, the Outstanding High School Chemistry seniors from the 35 high schools in the area served by the Kalamazoo section will be honored. The section will also present checks and certificates to the winners in the Kalamazoo Section's Competitive Examination program. Outstanding College Chemistry Seniors from Kalamazoo College and Western Michigan University will also be acknowledged.

An award will be given to the Outstanding High School Chemistry Teacher for 2004 for the Kalamazoo Section. This year we will be accepting nominations for the award from the KACS membership, so if you want to nominate your child's High School Chemistry Teacher, please contact, Dr. Brian Buffin at 269-387-2420 or by email at brian.buffin@wmich.edu

Also to be honored at the banquet will be Kalamazoo Section members who are Fifty Year ACS members and a special Kalamazoo Section Achievement award will be presented.

The cost of the dinner, including gratuity, is \$16.00. Any Kalamazoo Section member or guest who wishes to attend the Awards Banquet should return the following by May 14, 2004 or call at 387-2846 to make a reservation.

PLEASE RETURN by May 14, 2004 to: Ms. Annie Dobbs
Chemistry Department
Western Michigan University
Kalamazoo, MI 49008

Please make the following reservation for the Annual Awards Banquet of the Kalamazoo Section of the American Chemical Society at \$16.00 for each plate.

<u>Name</u>	<u>Address</u>	<u>Places</u>	<u>Cost</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
		Total Cost	_____

PLEASE MAKE CHECKS PAYABLE TO: "The American Chemical Society"

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c/o S. Karina Kwok
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Mail Stop 0200-89-1
7000 Portage Road
Kalamazoo, MI 49001-0199

Please contact Karina Kwok at karina.kwok@pfizer.com if you prefer to receive your newsletter by email.



2004 KACS Calendar

Contact the person in parentheses to answer questions or to volunteer

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- April 23** **Spring Tour Speaker Ann Mary Nefcy**
Topic: "Today's Environmental Chemistry: What are we doing? Where are we going?"
Western Michigan University
(Patrick Irish, patrick.a.irish@pfizer.com, 269-833-6818)
- May 6** **KACS Executive Committee Meeting, Pfizer B126 CR, 5:00pm**
- May 24** **Kalamazoo Section 28th Annual Awards Banquet**
(Register **West Ballroom, Bernhard Center, Western Michigan University**
by May 14) **6:00 pm to 8:00 pm.**
(Don Schreiber, Donald.Schreiber@wimich.edu)
- June 3** **KACS Executive Committee Meeting, Pfizer B126 CR, 5:00pm**
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KACS Website Address:

<http://www.wmich.edu/acs/>