



American Chemical Society Wichita Section

September 2009 Newsletter
Stephen Donnelly, Editor

September Section Meeting
Wednesday, 16 September, 7:30 PM
College Center Conference Room
Kansas State University at Salina
Salina, Kansas

Meal (optional): 5:30 p.m.

We will have a family style meal at Martinelli's Little Italy restaurant in Salina. The cost is \$14.00 per person and the section will pick up half the cost for students. Cash or checks made out to the ACS Wichita Section will be collected before the meal. RSVP to Robin Jackson by Monday, 14 September – Robin's contact information is listed below.

Meeting: 7:30 p.m.,

The meeting will take place in the College Center Conference Room on the campus of Kansas State University at Salina. Dr. William Carroll will give a presentation on plastic recycling.

Directions:

Martinelli's Little Italy
158 S. Sante Fe Ave.
Salina, KS 67401
785-826-9190

From I-135 take the Crawford Street exit (Exit 92) east approximately 1.5 miles east to Santa Fe Avenue. Turn left (north) onto Santa Fe and proceed approximately 0.8 miles to Walnut Street. The restaurant is on the northwest corner of Santa Fe and Walnut.

See also: <http://www.martinellisonline.com>

College Center Conference Room
Kansas State University at Salina
<http://www.salina.k-state.edu>
Contact: Dr. Jung Oh
785-826-2915
jroh@k-state.edu

From I-135 take the Magnolia Street exit (Exit 90) west about ¼ mile to Centennial Road. Turn right (north) onto Centennial and then left after about 500 feet onto the K-State Salina campus. The College Center and parking will be ahead to the left.

From Martinelli's take Sante Fe south to Crawford Street and turn right (west). Follow Crawford to Centennial Road and turn left (south). Approximately 0.3 miles south of Tony's Road turn right (west) onto the campus of K-State Salina. The College Center and parking will be ahead to the left.

Speaker: Dr. William Carroll

Title: *From Garbage to Stuff: How We Recycle Plastics*

Is that recycling bin the springboard to giving material a new life or is it simply a blue wastebasket? What about surplus materials from industrial processes? Do they find their way out the back door to the landfill? This presentation discusses the four critical steps in recycling-- collection, separation, reprocessing and remanufacture--and how they relate to plastics. The technology, the cost and the efficacy of the processes all matter. And the operative word, plastics, really is plural. Presentation includes a primer in the basic kinds of plastics, how they differ and how they're used in common articles, especially packaging. The presenter brings a few common articles for demonstrations, and promises not to recycle an old quote from "The Graduate."

Speaker Bio:

Dr. William F. Carroll, Jr. holds a B.A. in Chemistry and Physics from DePauw University, Greencastle, IN, an M.S. from Tulane University in New Orleans, and a Ph.D. from Indiana University, Bloomington, IN, majoring in Organic Chemistry. Bill started his industry career in 1978 and after a year with Rohm and Haas Company, Bristol, PA, moved to what is now known as Occidental Chemical Corporation. He is currently Vice President, Chlorovinyl Issues for OxyChem and works on public policy issues and communications related to chlorine and PVC. He is also Adjunct Professor of Chemistry at Indiana University, Bloomington, Indiana and teaches polymer chemistry there. Bill is a past President (2005) of the American Chemical Society, a member of the ACS Budget and Finance Committee, and past chair of its International Activities Committee. He is a Fellow of the Royal Society of Chemistry, a member of the US National Committee for the International Union of Pure and Applied Chemistry, and chair of the Science Advisory Board for DePauw University. He has been an active member of and chaired various committees for a number of chemistry, plastics, fire protection and recycling organizations. He has served on expert groups commissioned by the United Nations Environmental Program, the State of Florida, and the Oregon Department of Environmental Quality. He received the Vinyl Institute's Roy T. Gottesman Leadership Award for lifetime achievement in 2000. He holds two patents, and has over forty publications in the fields of organic electrochemistry, polymer chemistry, combustion chemistry and physics, incineration, dioxin, plastics recycling and chlorine issues.

Future Meetings:

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| 22 October, 2009 | McPherson |
| | "Drug Screening" |
| 18 November, 2009 | Wichita |
| | "Military Explosives" |

Chair's Message

Greetings to the Wichita Section of American Chemical Society! Our next meeting is scheduled for September 16, as you will note, with the details of the meeting included. The speaker, Dr. William Carroll will be presenting a very timely topic for the section: recycling of plastics. This presentation is suitable for all genres and would be a great time to

bring out students and any other folks who have an interest in recycling and "green" activities.

I would really like to urge all section members to attend both the dinner and the talk, or at least the talk and think about inviting someone you know who has interest in chemistry and/or recycling. This is also an excellent time to acquaint a colleague from work or school and introduce them to the American Chemical Society and help increase membership and participation in the local section. I am also very interested in hearing from any members about ways in which the local section can be of interest to you, or topics that are of particular interest to you for future speakers and presentations.

Finally, this is a good time of year to make future plans. One of the needs in our local section is for the continuation of the leadership team of the local section. Please let me know if you or someone you know in the section is interested in holding office. Leadership in the local section is a great opportunity both professionally and personally. There are many tools and people to help orient anyone who is interested in leadership in our local section. See you in September at the meeting and have your appetite ready for some amazing Italian cuisine!!

Arrivederci!

Robin

Chair, ACS Wichita Section

Councilor's Report

Dr. Paul Paul Rillema's report from the 238th ACS National Meeting is attached as an addendum.

News from ACS National

ACS Receives \$33 Million Gift for Scholarships; Renames Building for Donors

The American Chemical Society renamed its Washington headquarters building on June 3 in honor of Clifford and Kathryn Hach, whose Colorado-based scientific foundation donated \$33 million in support of high school chemistry teaching. Society officials said the donation was the largest ever for ACS. Kathryn Hach-Darrow, who co-founded the Hach Scientific Foundation with her late husband, Clifford, said ACS was chosen for the gift because "it represents permanence and stability, and it truly embraces chemistry on a national level."

The ACS is renowned for its many education programs serving a wide spectrum of learners, from grade school to graduate school and beyond. The new funding will supplement existing ACS programs by further enhancing the teaching of high school chemistry, including a scholarship program for undergraduate chemistry majors interested in a career teaching chemistry, a grant program for chemists who have a degree in chemistry but wish to pursue careers teaching chemistry, and outreach grants to chemistry teachers. More information about the ceremony and the scholarships is at www.acs.org/funding. "The combined programs of the Hach Scientific Foundation and the ACS offer a complete suite of opportunities for high school teachers, from pre-service education through ongoing professional development," said Judith L. Benham, Chair of the ACS Board of Directors, at the dedication ceremony.

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