



American Chemical Society Wichita Section

February, 2017 Newsletter
Stephen Donnelly, Editor

Section Meeting
Monday, 20 February
Wichita State University
Wichita, KS

Meal: 6:00 p.m.
Presentation: 7:00 p.m.

We will meet for dinner in the Olive Room (RSC 261) in the Rhatigan Student Center on the campus of Wichita State University. The meal will be an old fashioned barbecue at a cost of \$15.00 for members and guests, and \$7.50 for students. The presentation will be given in the same room starting at 7:00 PM. We ask those interested in joining us for dinner to RSVP to Paul Rillema by email to paul.rillema@wichita.edu by Friday, 17 February.

A map of the WSU campus can be found at http://webs.wichita.edu/?u=parking&p=/2015_parking_plan/. Parking in the usual location (Lot 7 just south of the Rhatigan Center) is unavailable due to construction, but parking is available in other lots.

Speaker: *Dr. Mary Virginia Orna*
Professor of Chemistry,
The College of New Rochelle

Title: *Five Thousand Years of Chemistry: Uncovering the Secrets of Ancient & Medieval Artisans through Chemistry*

Abstract:

This talk consists of a discussion of how modern chemical methods can be used to examine both ancient and medieval artifacts. Archaeological work in Israel involved analysis of ancient pigments and dyes found on excavated materials from caves in the Judean desert and the ancient fortress of Masada. Pigments in medieval manuscripts formed the basis of further work on colorants. In addition, medieval artists' manuals were examined for recipes

for blue pigments which were then carried out and characterized with some surprising results.

Speaker Bio:

Dr. Mary Virginia Orna is presently Professor of Chemistry at the College of New Rochelle, although her professional history includes service in government, not-for-profit institutions and industry. She received her education first at Chestnut Hill College and her graduate studies were done at Fordham University in analytical chemistry. She has lectured and published widely in the areas of color chemistry and archaeological chemistry. Among her many professional activities, she has presented plenary lectures and named lectureships on at least a dozen different occasions. She is a tour speaker on the roster of the American Chemical Society and has been an invited lecturer to every part of the United States and many countries in Europe and the South Pacific. Her many publications have appeared in the Journal of Chemical Education, Color Research and Application, Studies in Conservation, Analytical Chemistry, Microchemical Journal, Journal of Biological Chemistry, American Chemical Society monographs, and various other journals. She has also authored numerous book chapters and encyclopedia articles, six books and edited eleven others. Her ACS activities include serving on all elected Council committees and on other committees, i.e. the Society Committee on Education, Divisional Activities Committee and the Committee on Meetings and Expositions. She is active in several divisions of the American Chemical Society, having served as Chair, Program Chair and Treasurer of the Division of the History of Chemistry. She is currently serving as ACS Councilor and a member of the ACS Local Section Activities Committee. She received various awards: e.g., the Chemical Manufacturing Association's Catalyst Award for excellence in college chemistry teaching, the 1989 CASE (Council for the Advancement and Support of Education) New York State Professor of the Year, National Gold Medalist Award, a recipient of the 1989 Merck Innovation Award, the James Flack Norris Award for Outstanding Achievement in the Teaching of Chemistry, ACS 1999 George C. Pimentel Award in Chemical Education, the 2008 Henry Hill Award, and the ACS 2009 Award for Volunteer Service. As a hobby, she enjoys constructing crossword puzzles and has been a frequent contributor to the Sunday New York Times, SciQuest, Clinical Chemistry News, American Laboratory, Today's Chemist and other publications.

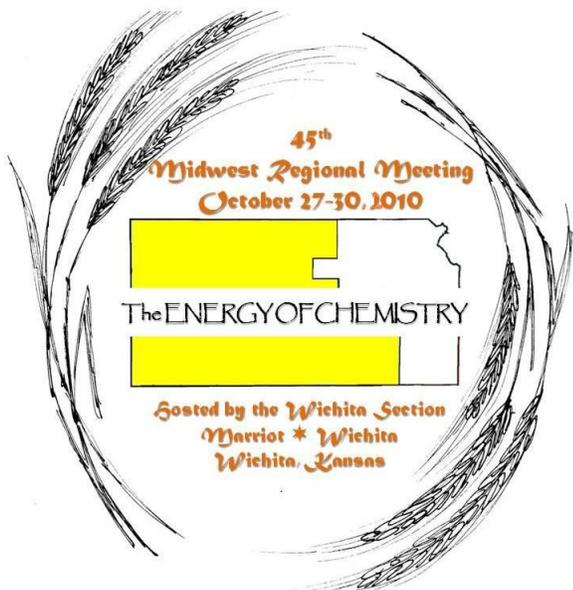
***** Note *****

An important item of business at the meeting on 20 February will be to vote on changes to the section's bylaws (accept/reject). The current bylaws and proposed changes can be found at the Wichita Section's web site: <http://wichita.sites.acs.org/>.

ACS Midwest Regional Meeting, 2019

The Wichita Local Section will be hosting the 2019 Midwest Regional Meeting on October 16th to the 19th. We are in the planning phase and will certainly welcome anyone who may wish to volunteer to help make this event a success. We will also be looking for vendors or anyone else who would like to rent an exposition booth during the event. Please contact either Dr. Paul Rillema or Dr. Arvin Cruz, who will be co-chairing this event. Their contact information is listed below.

The theme of the meeting is "Macromolecules". We will be hosting a logo design contest that will be open to all section members including students at schools within the confines of the section. Our section last hosted the Midwest Regional Meeting back in 2010. The logo from that meeting is included below as inspiration for your creative vision of our MWRM 2019 logo. You can also see other past MWRM themes and logos by searching "Midwest Regional Meeting. We will include design submission information in our next newsletter.



***** Save the Date *****

There will be a gathering of local sections from within District V in Omaha, Nebraska on Friday, April 21st, and Saturday the 22nd. Friday's events will include a poster session, dinner, and a speaker. Saturday's events will include career discussions and a tour of the Omaha Zoo. We hope to engage our Student Affiliate Chapters in hosting an outreach booth at the zoo. We will have more information on the event soon - stay tuned.

Wichita Section Web Site:

<http://wichita.sites.acs.org/>

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