



## American Chemical Society Wichita Section

**March 2012 Newsletter**  
Stephen Donnelly, Editor

**Section Meeting**  
**Thursday, 1 March, 7:00 PM**  
**Cram Science Hall, Room 123**  
**Emporia State University**  
**Emporia, Kansas**

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

We will meet at the Emporia Pizza Ranch Restaurant, 3000 West 18<sup>th</sup> Avenue in Emporia. Directions to the restaurant and a menu can be found at [pizzranch.com](http://pizzranch.com). The restaurant offers a buffet (including drink) for \$8.64 - menu items will be available as well. The section will cover half the cost for students who also attend the presentation.

Contact Eric Trump at [etrump@emporia.edu](mailto:etrump@emporia.edu) for additional information.

**Meeting:** 7:00 p.m.,

The meeting will take place in room 123 of the Cram Science Hall on the Emporia State University campus. A map of the ESU campus can be found at <http://emporia.edu/campus-map/>

**Speaker:** Dr. Frankie Wood-Black, Ph.D., M.B.A., R.E.M., Senior Air Consultant, Trihydro Company

**Title:** *Unintended Consequences*

This talk looks at some of the issues around implementing new technologies, particularly renewable fuels. The talk covers four case studies relating to the introduction of chemicals into the environment. The talk looks at the anticipated benefits and the unintended consequences of use and regulation. Areas covered include genetic modification, DDT, MTBE, and the implementation of renewable feed stocks. This talk is directed at a general audience and is designed to focus on issues related to the implementation of science in the public arena.

### Speaker Bio:

Dr. Wood-Black has been in the petroleum and chemical industry for over 20 years with work experience in technical management; laboratory operations; environmental science and compliance; finance; and professional development. Dr. Wood-Black's work experience has primarily been focused around the refining and downstream operations. Prior to joining Trihydro she served as the Director of Consent Decree Compliance for ConocoPhillips which focused on environmental air compliance for refining operations. She began her career with Conoco-Phillips in Bartlesville, OK, as a research scientist for research and development. She worked at the Woods Cross Refinery as an environmental scientist whose job responsibilities included regulatory compliance for air, community-right-to-know, and the Toxic Substance Control Act. She was later transferred to Conoco-Phillips Corporate Health, Environment, and Safety in the Property Risk Management Group to become site manager for non-operating sites. In addition to her refining experience, she has worked on a number of remediation projects focused on site reuse. Due to her research background she has fundamental understanding of monitoring techniques as well as technological solutions to specific in the field.

Dr. Wood-Black received a B.S. in physics with a minor in chemistry from Central State University (now the University of Central Oklahoma) in Edmond, OK. She attended Oklahoma State University and received Ph.D. in physics and completed her M.B.A. She is a registered environmental manager. She has been active in the American Chemical Society during her entire career and currently a Councilor for the Division of Chemical Health and Safety and a member of the Committee on Committees. She has been a contributing editor to the Journal for Chemical Health and Safety and has a number of technical publications including one pattern, and coauthored a book entitled Emergency Preparedness Planning—A primer for Chemists.

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### Chair's Message

Dear Section Members:

Belated wishes for a happy and healthy year!

I say "Welcome and Thanks!" to each of you for your support of the Wichita section. There are many volunteers who have done various tasks and we say "Thank You!". Here are some in no particular order: Stephen Donnelly for editing the newsletter, Eric Trump for updating the Web page, Tom

Wiese for his work on Scholarships and Awards, Janice Crowley for coordinating this year's Chemistry Olympiad, Malonne Davies for being our treasurer, Alan Oberley and Robin Jackson for their insights and attitudes of 'let's do it', Jim Roach for his leadership as 2011 chair, Paul Rillema for being a wonderful section councilor (congratulations for being selected a 2011 ACS Fellow!) and Art Landis for his long and excellent service to the section.

This year I hope to see more high school chemistry teachers, students and industry members in our section activities. First meeting starts with the presentation by Frankie Wood-Black, Ph. D., M.B.A., R.E.M., who served as the Director of Consent Decree Compliance for ConocoPhillips on March 1st at Emporia. The April 25th meeting presenter, Dr. Rafael Luque, comes from University of Cordoba, Spain. The May 10th meeting will be a Science Café linked to Earth Day organized by our section CCED (Chemists Celebrate Earth Day) coordinator, Robin Jackson. For fall 2012 we are working on several activities in addition to speaker presentations: collaboration with Wichita Science Exploration Place for "Mystery of Matter Project and Chemistry Show", Industry Tours, and a Student Highlights Celebration. So mark your calendar for spring 2012 dates and join us!

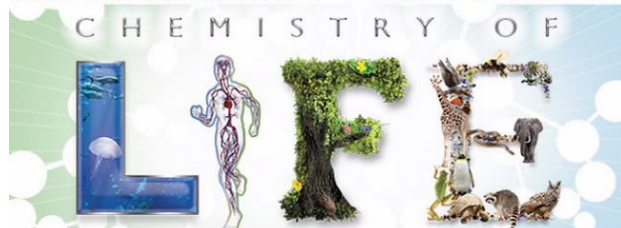
I know that communication and teamwork will be the key asset to our Section activity and I strongly urge many section members to join Executive Committee as shadow members or observers. Let us know your thoughts, suggestions, and interests. If you have any ideas or questions on that or other Section activities, send me e-mail notes to [jroh@k-state.edu](mailto:jroh@k-state.edu).

*Lastly but mostly, I would like to thank many of you who are involved in activities that positively affect the Society as part of your everyday job. I look forward to meeting you at Emporia.*

Best regards,

**Jung Ho**, Chair, ACS Wichita Section

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 Spring 2012 National Meeting & Exposition San Diego, California March 25 - 29



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### Wichita Section Web Site:

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

### 2012 Section Officers

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