



AMERICAN CHEMICAL SOCIETY KENTUCKY LAKE SECTION

KLS-ACS 2015 Officers

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KLS-ACS Web Page

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

March 2015 Kentucky Lake Section Meeting @

The Tennessee Room in the Holland McCombs Center, 548 University Street, Martin, TN, 38238

(campus map available at <http://www.utm.edu/maps.php>, then select the Holland McCombs Center from the "Buildings" drop-down menu on the left)

Parking will be available at Hall-Moody Administration Building (turn in from University Street) or a pleasant walk from the EPS building.

Tuesday, March 31, 2015

Dinner @ 6:00 pm, Presentation @ 7:00 pm

Menu: Heavy h'orderves of pork tenderloin with tea rolls, chicken strips, artichoke dip and pita chips, cheese and fruit, and cupcakes

The price is \$10 (Students \$5)

**Program: The Perks of Being (a Woman) in Chemistry
Dr. Robbie Montgomery- UT-Martin**

Comments from the Chair

GREETINGS. This month's meeting is hosted by the Women Chemists Committee with a presentation from our own Dr. Robbie Montgomery. Join us as we honor the women who have influenced our careers during the dinner hour. ~David Wing, Chair

What's Happening in KLS

- Science Centers for kids age 0-14 continue during monthly meetings. This month's topic is "Women of Science" (do not have to be female to participate!)
- ACCM at Murray is scheduled for April 11th . Registration due March 27.
- Planning for dedication ceremonies of a National Historical Chemistry Landmark are underway. Mark your calendars to attend two events on May 11. A morning dedication at Lyon County Public Library at 10 am followed by lunch, and a second dedication at Murray State Chemistry Department at 4 pm with a reception. Local government officials and representatives from ACS National are expected to attend and we would love to see strong support from the local section.

Abstract:

The Perks of Being (a Woman) in Chemistry

Hosted by the Women Chemists Committee

There generally seems to be a push to increase the number of women entering the field of science. This talk will focus on what inspired me to become a chemist and what keeps me loving it on a daily basis. The perks of being a chemistry professor can generally be categorized into three areas, time with family, research, and teaching. Being a professor has given me the opportunity and flexibility to spend time with my three children. Through my job I am also fortunate to work with students on undergraduate research projects. Research in my lab is centered on developing and implementing new methods for the separation of proteins. More specifically, students are working to automate dynamic IEF. This method is similar to isoelectric focusing, but additional high voltage sites are added to control the location and width of focused proteins to maintain peak capacity and resolution when coupled to a second dimension. While research is an integral part of being a professor so are the opportunities I am afforded to teach various classes such as general chemistry, quantitative analysis, instrumental analysis, and forensics. With each class I am able to try new methods and teaching instruments to educate future scientists, dentists, doctors, and pharmacists