



AMERICAN CHEMICAL SOCIETY KENTUCKY LAKE SECTION

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KLS-ACS Web Page

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

March 2012 Kentucky Lake Section Meeting

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Perkins Restaurant & Bakery

Milan, TN

Monday, April 2, 2012

Social @ 5:30, Dinner @ 6:00, Presentation and Demos @ 7:00

Perkins is located at

15301 S First St, Milan, TN 38358-6474

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

Menu Options:

Grilled Chicken Breast (Lemon Pepper, Cajun, or Plain)

Sliced Roast Beef

Pork Chops (Lemon Pepper, Cajun, or Plain)

Vegetable Plate (Includes Three Dinner Sides)

All dinners will include two dinner sides, roll, and a beverage.

Presentation:

A Fun (but Educational) History of Chemistry

By

Dr. Al Hazari

University of Tennessee- Knoxville

Director of Undergraduate Chemistry Labs and Lecturer

See Reverse Side for Abstract & Biographical Sketch

Comments from the Chair

Welcome to Spring! In addition to this speaker in April, we have several Earth Day activities going on. Students, faculty, and chemical professionals in several parts of our Local Section are hosting events. If you are in the Jackson, Martin, or Paducah area and want to get involved with Earth Day, contact any of the Officers and we can direct you to what's happening. If you aren't able to get involved, I hope that all of you will think about this year's theme: "Rethinking Recycling: It's Easy to be Green!" We hope to see you at this month's meeting!

Help KLS go green! Send your e-mail address to
Rebecca.brown@kctcs.edu today to receive the newsletter
by e-mail.

Kate Stumpo

Abstract

Alex Hailey (the author of "Roots") once said: "Anytime you see a turtle up on top of a fence post, you know it had some help." We surely have come a long way in our knowledge of chemistry since the natural philosophers, the alchemists and the Harry Potter days. Wonder what the father of the modern periodic table Dimitri Mendeleev's favorite toy was? Wonder what Marie and Pierre Curie received as a wedding present? Wonder how Watson and Crick arrived at the determination of the structure of DNA (with the super help of Rosalind Franklin)? In this presentation, these questions and many others will be answered that will surely bring the human side to our historical chemistry story.

Biographical Sketch

A native of Lebanon, Al received a B.S. degree in Chemistry from the American University in Cairo. He also holds an M.S. degree in Chemistry from Youngstown State University in Ohio and a doctorate in Science Education from the University of Tennessee, Knoxville. Al has taught science and chemistry at the school and the college levels here and overseas. Currently, he is the Director of the Undergraduate Chemistry Labs and a Lecturer in Chemistry at the University of Tennessee, Knoxville. In addition, he regularly teaches science education courses in the College of Education. He has received several grants from government agencies, industry, and various organizations to improve undergraduate chemistry lab instruction and also to support K-16 hands-on science and chemistry outreach activities. He was the 2000 recipient of the ACS Helen M. Free Award for Public Outreach and, in 2011, was named an ACS Fellow.

Al is a very active ACS member. He is a former chair of the ACS Committee on Chemical Safety, an ACS tour speaker, and the councilor for the ACS - East Tennessee Section. Recently, he became the President of East Tennessee's Southern Appalachian Science and Engineering Fair. Al is an affiliate of the Institute for Chemical Education, a member of the National and the Tennessee Science Teachers Associations. He has made several presentations and given talks at local, regional, national and international chemical and science education conferences. His book on "Misconceptions in Chemistry" was recently published by Springer.