



AMERICAN CHEMICAL SOCIETY KENTUCKY LAKE SECTION

SUBJECT: September 2011 Kentucky Lake Section Meeting

DATE: Thursday, September 29, 2011

PLACE: Union University
1050 Union University Drive
Jackson, TN 38305

Directions and maps may be found at the following webpage:

<http://www.uu.edu/about/map/index.htm#Directions>

From U. S. Highway 45 Bypass, take Union University Drive west to Walker Road. Turn left on Walker Road. After passing through the Welcome House gate and travelling past the new student housing on the left, the Carl Grant Events Center will be on your left.

SCHEDULE:	5:30 p.m.	Social/Mixer	All events are in the Carl Grant Events Center
	6:00 p.m.	Dinner	
	7:00 p.m.	Presentation	

PROGRAM: **Dr. Michael E. Hayes – Union University**
“Patents: Understanding, Getting and Using Them in Business”

MENU: Salad
Pecan Crusted Chicken or Roasted Pork loin
Stir-Fry Vegetables
Roasted garlic mashed potatoes
Chocolate pie or carrot cake

PRICE: \$ 10.00 (students \$ 5.00)

REMINDERS (from the Chair):

1. T-shirt orders are due to Robbie Montgomery by the meeting on September 29th (see enclosed flyer)
2. Leadership Development Course is September 24th at Martin (see enclosed flyer)
3. Please nominate for the following:
 - a. Chair-Elect and Treasurer/Secretary for 2012 (send to jeff.anderson@murraystate.edu)
 - b. High School Chemistry Teacher award (send to cbaldwin@uu.edu)
 - c. Outstanding Faculty/Professional – Someone who has made a contribution to science/academics/research and attended 3 KLS meetings (send to cbaldwin@uu.edu)
 - d. Outstanding Student – Student who has made an impact at your school and attended 2 KLS meetings (send to cbaldwin@uu.edu)
 - e. Students to present their research at the November meeting (10 minute presentations) – (send nominations to rmontgomery@utm.edu)

Abstract:

Patents: Understanding, Getting and Using Them in Business

A patent is a temporary legal monopoly bestowed on an inventor by a government in return for full public disclosure of how to practice the patented invention.

Patents are important in many businesses and critical to financial success in some, such as pharmaceuticals. Without solid protection from would-be knock-offs, development of modern pharmaceuticals would not have occurred in capitalist societies. The same is true of many other sophisticated chemical products, including the polymers that are indispensable to the convenience and quality of life in the developed world today.

Not every invention is a suitable subject for a patent, even if it might be patentable. But business people may be able to unlock avenues to improved profitability if they understand a few key ideas relating to patents, how to obtain a patent, and how patents may be advantageously used in business. This presentation aims to provide a basis for understanding when seeking a patent may be advisable and how, once obtained, patent protection can be used to advantage.

Biography:

Dr. Michael E. Hayes joined Union University's Chemistry Department faculty in 2009 bringing to the department a wealth of information and experience. Dr. Hayes graduated from Union University with a B.S. in Chemistry and received his Ph.D. from the University of Texas in Physical Chemistry. After completion of his graduate degree in 1978, Dr. Hayes took a position with Milliken & Company as a Development Chemist which began a very fruitful 30-year career in industry. He is the inventor of 70 different U.S. and foreign patents and was twice named finalist as inventor of the year by the U.S. Intellectual Property Owners Association. He has also been officially recognized by USEPA for contributions to technology for replacing ozone depleting solvents. The bulk of Dr. Hayes' career was spent at Petroferm, Inc, from 1981-2005. While there, he held a variety of positions, including that of CEO from 1997-2005, leading the company's growth from a single-site chemical blending company to multi-facility chemical manufacturing group with quarter-billion-pound capacity, resulting in a sales increase from an annual rate of \$10 million in 1996 to \$140 million in 2004, with the growth accomplished mostly via a series of several acquisitions in the US and overseas. Dr. Hayes is Professor of Chemistry and Senior Fellow of the Edward P. Hammons Center for Scientific Study.

ACS Leadership Development Course Coming to the Kentucky Lake Section!!!

Who: Members and non-members

What: Take an ACS short course: Coaching and Feedback (See back for course details)

Where: University Center at the University of Tennessee at Martin – Room 230

When: September 24th, 1:00 – 5:00 pm

Why: The ACS offers Leadership Development Courses to Build Skills and Create Leaders. The ACS Leadership Development System is a comprehensive leadership curriculum that provides you with practical courses to advance your career, help you to be more effective in your position, and equip you with tools to more effectively lead ACS volunteer initiatives.

Cost: ACS - what you would pay – ~~Member \$150, Non Member \$300~~
(At a National or Regional Meeting)

KLS - what you will pay – Member \$10, Student \$5, Non-Member \$30

(For the course offered at UTM)

How to register:

<http://acs.learn.com/learncenter.asp?id=178422&sessionid=!dcsessionid!&page=10>

Questions: Contact Robbie Montgomery 731-881-7445
(rmontgomery@utm.edu) or Kate Stumpo
731-881-7449(kstumpo@utm.edu)

Drinks and snacks will be provided
Space is limited

Myth: Coaching is easy; anyone can coach and give feedback. No special training is needed.

Correction: Coaching is straightforward if you have the mindset, a proven process, and tools to coach and give feedback effectively. Improper coaching will leave you with missed deadlines, frustrated team members, and unmet goals and expectations.

Leading volunteers, team members, and employees to achieve goals and objectives requires leaders to effectively coach and provide actionable feedback. While, we all think “I can do this...” or “It’s simple, just give them feedback...” coaching and giving feedback properly requires a solid process and tools. “Winging it” won’t produce the outcome you are seeking and will result in lost time, low morale, difficulty retaining participation, and low productivity.

This hands-on, four-hour course will provide ACS leaders with a proven process and practical tools to help coach volunteers and your own employees or team members more regularly and more effectively. As a participant, you will work on real coaching opportunities to help you practice addressing the development and performance issues you have identified.

Participants will:

Gain an understanding of what coaching is, why it is important, and why we don’t coach more often.

- Learn the differences between coaching in a volunteer organization and coaching in an academic or industrial setting.
- Learn a proven 3-step process for coaching.
- Gain real-life practice and advice on a genuine coaching opportunity that will be addressed during the course.

Coaching effectively is central to your success, the success of the volunteers, and to ACS. It is a key skill that will help you increase performance, expand the skills of your team, improve relationships and morale, encourage creativity, and promote achievement and action among the team.

Who Should Attend This Course?

This course is designed for developing leaders in the Society. The Coaching and Feedback course is for those members who are developing their leadership skills, have some experience in leadership roles and are seeking to increase their success and effectiveness in their leadership assignments. We encourage those who are currently leading or who are planning to lead a new project and need assistance in gaining the most from their volunteers to attend this course. You’ll gain skills that are highly transferable in coaching your staff or team members in your professional role.



American Chemical Society – Kentucky Lake Section:
“Chemistry is all about getting lucky...” Robert Curl
Order Form

Kentucky Lake Section, American Chemical Society
 Department of Chemistry and Physics
 319 Johnson EPS
 University of Tennessee Martin
 Martin, TN 38237

Please fill out this form and return it to Robbie Montgomery at the above address, or to the August or September meeting. We ask that you please prepay for your order to make delivery easier. Shirts will be delivered at the October meeting or with a representative of your school.

Name: _____
 School Affiliation: _____
 Address: _____
 City, State, ZIP code: _____
 Phone Number: _____
 Email: _____

Description	Price	Shirt Size	Amount Enclosed	Office Use
ACS-KLS T-shirt (Heather gray with Blue, Gold, and Black text/images) Front: ACS logo with Kentucky Lake Section (Blue and Gold) Back: Quote and picture of schools/professionals See Back for more details Specify size(s): S-M-L-XL-XXL(add \$1)-XXXL(add \$2) Add \$3 if you would like your shirt mailed to given address.	\$12.00			
TOTAL ENCLOSED	-----	-----		

Please make checks payable to **KLS-ACS**. Cash is also accepted.
 Orders will be taken through **Thursday, September 29th**.

Front Left Chest:



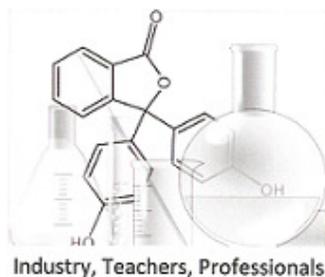
Kentucky Lake Section

Full Back:



**Chemistry is all about
getting lucky...**

~Robert Curl



Industry, Teachers, Professionals

