



Section Web Address: <http://membership.acs.org/i/iowa/>

Section Officers:

Wanda Reiter-Kintz, President	319-892-6048	Wanda.ReiterKintz@linncounty.org
Mark S. Schmidt, Treasurer	319-335-9374	mark-schmidt@uiowa.edu
Addison Ault, Councilor		aault@cornellcollege.edu
Elaine Marzluff, Webmaster	641-269-4314	Marzluff@Grinnell.edu
Lyn McAllister, Secretary	319-367-5791	lynkari@lisco.com

Post April Meeting Newsletter

Next Meeting Wednesday 23 September, 2009

*** Possible Change - October Meeting switched to November ***

Local Section News – Notes from the February 2009 meeting

After a wonderful meal provided by Cornell College, Dr. Wanda Reiter-Kintz presided at the April 2009 meeting. There were approximately 40 in attendance and the next meeting was set for Sept. 23, 2009. Wanda then introduced guest speaker Dr. Atilla Pavlath, former National ACS President.

Dr. Pavlath's presentation focused on alternative energy sources using moderation and common sense. As population increases, energy demand increases, raising concerns for supply and for environment. Supply of energy can increase by conserving, exploring, and searching for non-fossil energy resources. Of the many alternative energy sources such as wind, hydroelectric, geothermal, solar, biomass, and nuclear, he suggested that our energy supply not be derived from only one source, as this will cause too many unforeseen problems. For example, too many wind turbines in one small area will disrupt wildlife patterns; too much geothermal in a small area has been known to increase earthquake intensity; too much hydroelectric (which increases water temperature) may damage organisms that require a cooler water environment; the best and most expensive solar equipment is only 20% efficient thus requiring vast amounts of surface area i.e. the whole states of New Mexico and Arizona would have to be completely covered; hydrogen requires the same amount of energy to produce that amount of energy; and organisms die at 12% EtOH concentration thus requiring much energy after that for production; Nuclear is negatively viewed in this country albeit successful in other countries.

To sum up, alternative energy sources must be explored, tested, perfected, and implemented with moderation and common sense. Thank you Dr. Pavlath for an enlightening and helpful presentation!

Expanded Newsletter: Our newsletter is not mailed every month. Please access updated information at our website: <http://membership.acs.org/i/iowa/>.

2009 Regional Meeting: Preparations for the 2009 Midwest Regional Meeting of the ACS, to be hosted by the Iowa Section, are beginning to pickup momentum. The meeting will be held at the Sheraton in Iowa City, October 20-23, 2009, coinciding with National Chemistry Week – "Chemistry: It's Elemental". During this event, ACS President-Elect Joe Francisco is tentatively scheduled to attend Wednesday evening, October 21.

Volunteers and Chemistry Clubs are needed in lots of capacities – from helping to organize exhibitions, technical programs and special events, to assisting with operations during the meeting. If you or your chemistry club would like help, contact Greg Friestad, General Chair (319-335-1364, gregoryfriestad@uiowa.edu), or Mark Arnold, Program Chair (mark-arnold@uiowa.edu).

Approaching Local Section Meetings and Speakers

Date	Subject	Speaker	Location, Tentative
Sept 23, 2009	How Do I Find a Job	Bush	TBA
Oct/ Nov, 2009	Famous Mad Hatters	O'Brien	TBA *** Note Date Change ***