

Illinois Heartland  
ACS  
1815 N. University St.  
Peoria, IL 61604

DATED MATERIAL

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### Illinois Heartland ACS 2006 OFFICERS

Chair	<b>Dr. Stephen Hughes, NCAUR</b> 309-681-6176, hughessr@ncaur.usda.gov
Chair-elect	<b>Dr. Kervin Evans, NCAUR</b> 309-681-6436, evansko@ncaur.usda.gov
Past Chair	<b>Dr. Edward Flint, BU</b> 309-677-3033, eflint@bradley.edu
Treasurer	<b>Dr. Karen Bartelt, EC</b> 309-699-9851, kbar1000@aol.com
Secretary	<b>Dr. Lisa Szczepura, ISU</b> 309-438-2359, lfszcze@ilstu.edu
Councilor	<b>Dr. Vicki Finkenstadt, NCAUR</b> 309-681-6469, finkenvl@ncaur.usda.gov
Alt. Councilor	<b>Dr. Marjorie Jones, ISU</b> 309-438-2366, majone3@ilstu.edu

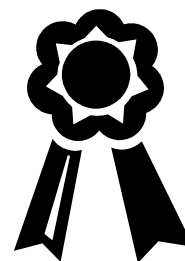
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September 2006 Newsletter

<http://membership.acs.org/p/peoria>



### Congratulations to Dr. Cheryl Stevenson Recipient of the 2007 ACS Award for Research at an Undergraduate Institution

Dr. Stevenson has been a member of the Chemistry Department at Illinois State University since 1977. Throughout her tenure, she has played a key role in the development of the Department into one that is recognized nationally for its excellence in undergraduate research. She alone has secured over \$2,000,000 in external funding throughout her academic career from agencies such as the National Science Foundation (NSF), Dow Chemical, Petroleum Research Fund, and the Camille and Henry Dreyfus Foundation, and most of these funds have supported undergraduate research. She has mentored well over 100 undergraduates in chemistry research. Many of these students have gone on to pursue graduate studies and become successful chemists in academia and industry. Dr. Stevenson's research has resulted in a total of 171 publications (158 of these publications can be found in ACS Journals such as the *Journal of the American Chemical Society*, *Organic Letters* and the *Journal of Physical Chemistry*), and the bulk of these articles are co-authored by undergraduate students.

### Younger Chemists Committee

The YCC hosted our first meeting of the fall season on September 7, 2006 at Illinois Wesleyan University. A number of undergraduates presented their research at the undergraduate poster session and the speaker for the evening, Professor Robert Bates from the University of Florida, gave an interesting seminar on *The Chemistry of Brewing*. Thanks to all who participated!

### Upcoming Events



**September 23, 2006**

#### **Return to Hogwarts**

5:00 pm Glen Oak Amphitheatre

A fun and educational event for kids!!

For details see:

<http://hogwarts.tkpilon.com/index.html>

**October 12, 2006**

#### **Chemist of the Year Award**

**Awardee to be announced via email**

Banquet and seminar

Best Western Conference Center

Morton, IL

For more information contact:

Edward Flint (309-677-3033, [eflint@bradley.edu](mailto:eflint@bradley.edu))

Please RSVP to Ed Flint by October 9, 2006.

### Project SEED at Illinois Heartland

SEED is a nationwide educational program sponsored by the ACS designed to encourage economically disadvantaged H.S. students into careers in the chemical sciences. The program provides them with a summer research opportunity under the mentorship of a chemistry faculty member. Some highlights of the SEED program here in central Illinois are:

- Continuously running since 2003
- 20 High School students have participated (11-12th grade)
- 13 Volunteer mentors (at ISU and USDA/NCAUR)
- 8 High schools (7 from Bloomington/Normal, Peoria and 1 from Chicago)
- 2 alumni have been awarded competitive nationwide ACS scholarships to attend college
- 1 publication in a peer reviewed journal. Some more in preparation
- Scientific presentations in Regional ACS and local professional meetings
- Featured nationwide in ACS C&EN Magazine (March 20, 2006)



If you are interested in being a mentor or donating to Project SEED please contact David Cedeño at [dcedeno@ilstu.edu](mailto:dcedeno@ilstu.edu)

Congratulations to: Dr. Greg Ferrence (ISU) on the birth of his first child on September 8, 2006, Dr. Michelle Fry (Bradley) on the birth of her second child in June and Dr. Craig McLaughlan (ISU) on the birth of his second child in July.

**November 9, 2006 (7:30 pm)**

**Dr. Judith C. Giordan**

**Entrepreneurship and Chemistry**

Dr. Judith Giordan, Senior Vice President of Visions in Education, Inc. (Pleasanton, CA and Pittsburgh, PA) received her B.S. degree from Rutgers University and her Ph.D. from the University of Maryland. She has been involved in Research and Development at a number of companies since 1994 (e.g. Pepsi-Cola, Teroson Inc. and the Henkel Corporation). She has also been actively involved in the ACS at the national level and is a co-leader on a NSF grant doing ground-breaking research aimed at positively impacting the careers of women formally trained as scientists and engineers. As an entrepreneur, she co-founded a successful search firm, 1EXECStreet, that focuses on staffing technology intensive companies from the Fortune 100 to startups. She is also the managing director at Technology Option Capital (TOC). TOC works with chemical and technology intensive companies to identify, value, and finance the acquisition of intellectual property assets in ways that positively support the research efforts of chemical professionals.

For more information, or if you are interested in going to dinner with Dr. Giordan, please contact Stephen Hughes at 309-681-6176 or [hughessr@ncaur.usda.gov](mailto:hughessr@ncaur.usda.gov)

**December 14, 2006**

**Holiday Party, starts at 6:30 pm**

Rhodell's Brewpub, Peoria, IL

\$10 per person which includes 3 taster samples and food.

Spouses, significant others and friends welcome!!

Entertainment: a magician!!

Please RSVP by December 10 to Stephen Hughes at 309-681-6176 or [hughessr@ncaur.usda.gov](mailto:hughessr@ncaur.usda.gov)

**Message from the Chair**

Stephen Hughes, Ph.D.  
Chairman 2006  
Illinois Heartland ACS



Hello,

Welcome to the Fall 2006 program planned by the Illinois Heartland Section of the ACS. The fall season will provide a line-up of interesting speakers and exciting events, including National Chemistry Week activities, the Chemist of the Year banquet, and our December holiday meeting. The executive committee has been assembling this schedule of events for the past few months in anticipation of presenting a noteworthy conclusion to 2006. We can be very proud of our section for winning the Chem Luminary in the Best Small to Medium section category award again this year! Our seminar series started with a fascinating talk on the process of brewing alcohol given by Robert Bates, a professor at the University of Florida, and long time ACS member. In November we will have a stimulating seminar on entrepreneurial pursuits in the chemical industry given by Judith Giordan who can provide us with the inspiration to commercialize our scientific research. The National Chemistry Week topic, "chemistry in the home", will be a unique theme this year and will be organized by Jill Rockwood at Lowe's, a well-known center of home supplies in East Peoria. The highlight of the schedule will be the Chemist of the Year banquet in October and the grand finale will be the holiday meeting in December complete with an outstanding program of magic acts. I look forward to seeing everyone again and to having the opportunity to spend an enjoyable and informative time with all of you.

Sincerely, Steve

## Teacher Workshop February 3, 2007

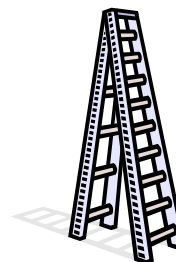
The Illinois Heartland ACS is presenting a workshop on "Chemistry, Home and Garden" which is funded, in part, by the American Chemical Society Local Section Innovative Grants Program (\$2800). Designed to target teachers at the K-8 level, this day of inquiry-based science will provide participants with the background for up to a semester's worth of lessons following energy flow from photosynthesis through batteries and machines. The topics will be incorporated into suggested thematic, interdisciplinary units that will show students and teachers the connections between science and math, language arts, social studies, and the fine arts. Participants will be provided with enough background information to effectively teach the concepts being presented before being broken into small lab groups. The lab groups will get hands-on experience with the activities so they can take them back to their classroom. There is still room for interested teachers. Please contact Michelle Edgcomb ([medgcomb@bradley.edu](mailto:medgcomb@bradley.edu)) or Melissa Winchell ([melissa.winchell@morton709.org](mailto:melissa.winchell@morton709.org)) if you are interested in participating or if you have questions.

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### Congratulations - Illinois Heartland ACS!!!

We did it again! For the 7th year in a row, our local section takes home the Chem Luminary Award for best overall performance by a medium-small local ACS Section. Congrats not only to Ed Flint for chairing another great year, but to all the volunteers who made it happen!!!!

Saturday October 28, 2006  
National Chemistry Week  
Your Home....It's All Built on Chemistry  
Stop by between 10 am - 2 pm  
FREE!!!



Hands-on fun activities for all ages!!!  
Lowe's Home Improvement  
201 Riverside Drive  
East Peoria, IL 61611  
(309) 694-0774

Join us for fun experiments exploring the science of paint, insulation, air conditioners, electricity, plumbing, windows, roofing, refrigeration, building materials and so much more! No reservations are needed. Contact Jill Rockwood [rockwoodacs@insightbb.com](mailto:rockwoodacs@insightbb.com) if you have questions or if you want to volunteer!!!

Also, visit our website at:

<http://membership.acs.org/p/peoria/new.htm>

*National Chemistry Week (October 22-28, 2006) is a national celebration sponsored by the American Chemical Society. It is dedicated to science education and public awareness of chemistry in our society.*

