



American Institute of Chemical Engineers Knoxville-Oak Ridge Section

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For additional information see our Web site at: <http://www.ornl.gov/sci/aiche/>
Or contact: Linda Puckett, puckettlf@ornl.gov, (865)574-6984 or
Betty Frazier, bfrazier@utk.edu, (865)974-2421

October 2007 Meeting

Date: Thursday, October 18, 2007
Cost: \$20
Location: Calhoun's Bearden Hill – Private meeting room, 6515 Kingston Pike, Knoxville, TN, (865) 673-3377

Menu: Select from menu or buffet

5:30 pm Executive Committee Meeting (All member welcome)
6:00 pm Dinner
7:00 pm Program - **Dr. Karen M. Golden**, Senior Program Manager, Science Applications International Corporation (SAIC) - *Nuclear Fuel Reprocessing: A Solution for Increased Energy Demands*

Abstract - With the increased demand for energy, the need for nuclear power is in the forefront of many nations. The Global Nuclear Energy Partnership (GNEP) seeks to expand the use of economical, carbon-free nuclear energy to meet the growing electrical demand. A closed-loop fuel cycle is essential to a successful program that will maintain a reliable source of fuel and enhance energy security in a safe and environmentally responsible manner, while simultaneously promoting non-proliferation. An overview of the GNEP Program will be presented with a status of current research on fuel reprocessing.

Bio - Dr. Golden works for Science Applications International Corporation (SAIC) located in Oak Ridge Tennessee. She has worked at SAIC for 10 years as a human health risk assessor and a senior program manager. She received her doctoral degree in environmental microbiology from the University of Georgia. At SAIC she manages contracts with Bechtel Jacobs and UT Battelle (both DOE prime contractors). She served as the deputy project manager for the Oak Ridge GNEP Siting Study conducted to provide information to DOE on selecting locations for hosting an advanced nuclear fuel recycling center and an advanced recycling reactor.

Please make your reservations by noon, **October 16**, by contacting

Linda Puckett, puckettlf@ornl.gov, (865)574-6984 or
Betty Frazier, bfrazier@utk.edu, (865)974-2421.

The Section will subsidize up to 15 students.

Request for Names of Individuals to Consider for AIChE Director in 2008 Election

The following is a reprint of a recent letter from the current AIChE president, Larry Evans, requesting the names of individuals to consider for nomination as officers of the National AIChE for 2008. Please contact one of your local section officers if you would like to be considered as a possible candidate or would like to recommend someone else.

I am sending this message to the volunteer leadership of the Institute in my capacity of the Chair of the Nominating Committee for the 2008 election. In the 2008 election the members of the AIChE will be electing a President-elect and four Directors. I would like your help in suggesting individuals who the Nominating Committee should consider in choosing a slate of candidates.

The constitution states that a candidate for President-elect

must previously have served as a director or officer. So, we have a well-identified list of individuals to consider for this position. But, any member of the Institute is eligible to serve as Director. So, I am asking for your help in identifying the names of good candidates for Director who you know and have worked with.

Some of the characteristics that make a good Director, in my opinion, are: active involvement and interest in the profession of chemical engineering, previous and ongoing leadership in AIChE activities, a willingness to work hard in a volunteer position, good judgment, curiosity regarding how the AIChE functions, a source of new ideas, and the ability to be effective as a member and contributor in a Board environment. A Director

needs the respect of AIChE members.

Please send your names to Fiona Brennan at Headquarters (<mailto:fiob@aiiche.org>) no later than October 26 so we can include them in materials distributed to the Nominating Committee. Include a paragraph for each individual summarizing the background of the suggested candidate their present affiliation and the reasons for your suggestions. Self-nominations are welcome; we will not indicate the source of the names in the materials distributed to the Nominating Committee. You do not need to get the permission of the person(s) who you suggest.

Activities Calendar

Date	Time	Topic	Speaker	Location
Oct 18	6:00 PM	Nuclear Fuel Reprocessing: A Solution for Increased Energy Demands	Dr. Karen M. Golden, Senior Program Manager, Science Applications International Corporation (SAIC)	Calhoun's Bearden Hill – 6515 Kingston Pike, Knoxville, TN, (865) 673- 337
Nov 4-9		AIChE Annual Meeting		Salt Lake City, UT
Nov 13 or 15	6:00 PM	TBD	TBD	TBD
Dec 4 or 6	6:00 PM	Baker Center-U.T. - Energy	Jerry Paul	TBD
Jan 15 or 17	6:00 PM	Bio-based Propanediol	DuPont-Tate&Lyle	TBD
Feb 19 or 21	6:00 PM	Joint meeting with ANS	TBD	TBD
Mar 13 or 25	6:00 PM	U.T. Biodiesel Car	TBD	TBD
Apr 22 or 24	6:00 PM	Student Awards	TBD	TBD
May 15 or 20	6:00 PM	U.T. ChE Dept	TBD	TBD

Sponsoring Opportunities

We continue to accept advertising in the newsletter in order to provide funds to support student participation in the meetings.

Rates per newsletter are:

\$80 full-page advertisement

\$45 half-page advertisement

\$25 quarter-page advertisement

The section will also continue to accept individual or corporate sponsors to provide student meals at Section meetings. The sponsor will be recognized at the meeting and in the Newsletter.

The cost to sponsor one meeting is **\$200**. It's a great way to encourage students to attend the local meetings and become future members in the Institute!

Officers

Chair:	Mark Swientoniewski	574-1150	swientonimd@bechteljacobs.org
Chair-Elect:	Michael Hollander	966-4402	mhollander@tds.net
Secretary:	Doug Hayes	974-7991	dhayes1@utk.edu
Treasurer:	Paul Taylor	574-1965	taylorpa@ornl.gov
Directors:	Ben Lewis	574-4091	lewisbejr@ornl.gov
Term ends 2008	Steve McCoy	220-4730	steven.mccoy@ttnus.com
Term ends 2008	Ed Alperin	694-7335	Ed.alperin@shawgrp.com
Term ends 2007	Stuart Daw	946-1341	dawcs@ornl.gov
Term ends 2007	Charles Forsberg	574-6783	forsbergcw@ornl.gov
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We're on the Web!

See us at:

<http://www.ornl.gov/sci/aiche/>

About Our Organization...CEP, Our Flagship Publication

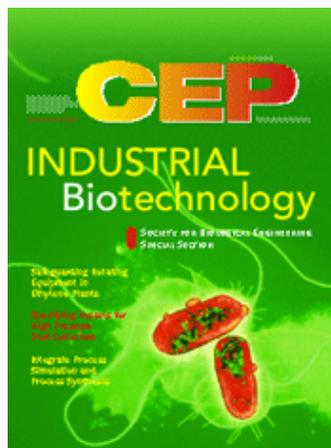
Chemical Engineering Progress (CEP) is the flagship publication of the AIChE. Each issue of CEP is packed with practical information you can apply to current or future projects. You can:

- Read about technological advances in the chemical process and related industries.
- Get monthly updates on business news and get advice on how to improve your career.
- Gain insight on technical issues like safety, environmental management, fluids and solids handling, reactions and separations, information technology, and more.

CEP is written and edited by chemical engineering professionals for chemical engineering professionals. CEP is included with your [AIChE membership](#).

(Excerpt from the National AIChE web site at:

<http://www.aiche.org/index.aspx>)



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