



New Jersey Section

NJAICChE Newsletter

NJ's oldest section – over 50 years of service

Volume 16 Issue 2

April 2009

Spring Time 2009

The world is turning greener again and getting warmer. Flowers are beginning to consider blooming again. So we have come to another Spring.

The world and our nation are in economic turmoil. As an engineer it is tempting to want to fix it. Unfortunately there is no easy solution because there is very little science to fix and more ethics, common sense and emotions such as fear that have to be handled.

As is this is written there has been a slight upturn in the stock market and tiny little signs that the economy may have finally bottomed out. Let us hope that it is so.

National AIChE Calendar

April 26-30, 2009

[AIChE Spring National Meeting](#)

Tampa, FL

June 12th-14th

[2009 Leadership Development Conference](#)

Augusta, GA

September 13-19, 2009

[54th Annual Safety in Ammonia](#)

Calgary, AB, Canada

November 8-13, 2009

[The AIChE 2009 Annual Meeting](#)

Nashville, TN

2009 Section Officers

Chairperson:

Geoffrey D'Netto

Chair-Elect:

David Greene

Treasurer:

Patricia Forgang

Secretary:

Andrew Soos

Past Chair:

Yasha Zelmanovich

Directors:

Chandra Nair

Phil Messina

Todd Salamone

Ken Carlson

Eric Gulliver

Yong Zheng

Director Emeritus:

Frank Dittman

National Admission Committee

Our own David Greene has been nominated to be the second vice chair of the National AIChE admissions committee for 2009 and 2010. The section wishes the best for Dave!



National AIChE Tidbits

E-Library

Get the most out of the AIChE eLibrary with FREE Online Training Session. Sign up now for the March 17, 2009 AIChE eLibrary Training. You'll learn how to streamline your research and get the most value from this valuable member benefit.

The instructor will answer your questions as you solve real problems using the premier scientific titles, interactive plotting and graphing tools in the AIChE eLibrary. Register now at

<http://www2.gotomeeting.com/register/372045176>

Job Market

CareerEngineer doesn't just give you powerful tools for managing your job search, it's the best source for chemical engineering positions. At press time there were 252 job listings with organizations such as Medimmune, Avery Dennison and the University of Akron. Registered users learn first about new opportunities and AIChE members appear at the top of employer searches. <http://careerengineer.aiche.org>.

Please note that job postings can be sent to jobs@njaiche.org for local postings on our web site.

Rutgers Student Awards

In March we presented as the NJ Section has done for decades the student awards to outstanding students at Rutgers. A panel of expert engineers explored their engineering careers and how and what they chose to do in their own careers. Photos from the event are on the next page. The following awards were made:

Merit Award (Junior Class):	Kathryn Camacho
Merit Award (Senior Class):	Brian Koo
Science & Research Award:	Amy Tsui
Most Deserving Award:	Shejal Shah

CHEMODDITIES

We'll call him Max. He was an analytical control chemist in a large laboratory. On the shelf was a large glass stopper bottle with clear amber liquid labeled "Schiff's Analytical Reagent". Periodically as the liquid was reduced in volume, it was refilled.

Max enjoyed a little nip now and then. Alcoholic drinking on the premises was strictly forbidden.

You guessed it. When Max retired, it was discovered that the Schiffs reagent was good old Scotch whiskey. Max never appeared "under the influence" during his many working years.

National Engineer's Week 2009

Phil Messina met with the senior class at St. Cecilia High School in Iselin on February 20. He highlighted the main engineering professions of chemical, electrical, mechanical and civil. Many of the notable men and women engineering individuals were described. Posters and badges were left behind with the teaching staff. He reported many bright and intelligent questions from the attentive audience.

Meanwhile Andy Soos met with 7th graders at Warren Middle School and discussed the dynamics of how to clean up a polluted pond using chemical engineering principles. The audience was alert and the teaching staff highly receptive. Posters and badges were left behind with the teaching staff.



Science & Research Award: Amy Tsui
(She was unable to attend.)



Highest GPA Senior Brian Koo



Merit Award (Junior Class): Kathryn Camacho



Most Deserving Award: Shejal Shah



Our speakers David Greene,



Nina Scatton of National AIChE



Peter Mitchell, and John Hogan



Shots around the awards meeting

Division Awards Deadlines Loom

The deadlines for several Division Awards are approaching. You can access complete information by clicking the appropriate link in the table below.

Environmental Division	Lawrence K. Cecil Award	February 28, 2009
Transport and Energy Processes Division	Donald Q. Kern Award	March 16, 2009
Computing and Systems Technology Division	Computing in Chemical Engineering Award	April 15, 2009
	W. David Smith, Jr. Graduate Student Paper Award	April 15, 2009
	CAST Outstanding Young Researcher Award	April 15, 2009
	Computing Practice Award	April 15, 2009
	David Himmelblau Award for Innovations in Computer-Based Chemical Engineering Education	April 15, 2009
Nuclear Engineering Division	Nuclear Engineering Division Outstanding Student Paper & Presentation Awards	May 19, 2009



Potential Fellow Rule Changes

The Board of Directors established a Committee to Re-examine the Fellow's Selection Process at the November 2007 Board meeting. This Committee was chaired by Fellow and Board member Cheryl Teich; with Fellows and Board members Neil Yeoman and Ignacio Grossman; Fellow and Admissions Committee Chair David Eckhardt; Fellows' "Big Wheel" John O'Connell, and AIChE staff representation. The 2007 AIChE President Larry Evans commissioned the Committee to examine how to improve the impact, as well as the support, of the Fellows program on the AIChE mission and vision. The Committee to Re-examine the Fellow Selection Process made several recommendations which were approved at the Board of Directors Meeting on November 14, 2008. The recommendations involved two areas:

- Fellows selection process (to modify the time of 25 years in practice to 15 years with more flexible, but not looser, selection criteria, and to improve and make more transparent the selection and notification procedures)
- Build a Fellows Community to increase the visibility of the Fellows in AIChE, and recognize and more effectively utilize the wisdom and experience of the Fellows

Why consider changes? The membership grade of Fellow, the highest in the Institute, was established in 1969 to provide special recognition of AIChE members having significant achievements and making exceptional contributions to the profession. Fellow grade is to honor the many members who visibly supported our profession and discipline but were too numerous to receive Institute awards. Requirements for Fellow had included 25 years of practice in the profession, significant professional attainment, and engineering accomplishment. The requirements for Fellow are specified in our By-Laws.

Status and Next Steps: The recommendations of the Committee require further development prior to changing Admissions guidelines or the By-Laws or to establish the Fellows community. In particular, no decisions or actions have been taken that change the current Fellow selection criteria.

Two task teams have been formed to carry out the work going forward. A Fellow Admissions Task Team, chaired by Dave Eckhardt, who serves as chair of the Institute Admissions Committee, will focus on the Fellow selection process. A Fellows Community Task Team, chaired by John O'Connell, Fellows' "Big Wheel", is focused on enhancing the Fellows community. Cheryl Teich has agreed to continue service as the Board lead in coordinating this work. Neil Yeoman, Board member, will also serve as part of the coordination team. Cheryl will report back to the Board of Directors at the April 28, 2009 Board meeting on the status of this work.

The Board endorsed the development of guidelines for the Fellows selection process. Any change in the guidelines used by the Admissions Committee will be approved by the Board. Concerns have been expressed with regard to the selection process recommendations. Thus it is important that these concerns be considered as part of the continuing work.

The Board supports recommendations for enhancing the Fellows community. It is important that this task be carried out with care to avoid duplicating activities or competing with other entities.



Experience shows that it is important to be transparent and to communicate effectively with the membership, especially with the Fellows. Members are invited to submit comments to the following address fellows@aiche.org or contribute comments using the AIChE Fellows Forum.

Shining Star Award

National has instituted a new award for outstanding local volunteers. It is an honor to announce that our own Andrew Soos has been selected for this award. His picture and a brief story will appear in a future CEP.

Mr. Soos has been an active member since graduation from NJIT in 1972. He has served both in the North Jersey and the New Jersey sections. In the New Jersey section he has been chairman, GIC chair, several seminar chairs, and secretary since 1987. He is also the editor and co-founder of this newsletter.

At present he is a consultant in the environmental, health, safety and process safety fields.

His award is a free trip to the Nashville annual meeting in November 2009. From there he will report back to the membership in a future newsletter.

Advertising Rates:

Annual:

\$ 300.00 per page
\$ 150.00 per 1/2 page
\$ 75.00 per 1/4 page
\$ 50.00 per business card

Per Issue:

\$ 200.00 per page
\$ 100.00 per 1/2 page
\$ 50.00 per 1/4 page

**Contact the section
secretary for details and
questions.**

Jobs

The section is setting up a list of potential job openings on our web site. Anyone wishing to post should contact any officer or send to Jobs@njaiche.org.

Our Web Page Has Moved

NJAICHE.org has moved to a new server (Google). For those who visit you may find that your bookmark location may not work. Simply retype in the web address and you will be directed to the web location. Please pardon us because we are in the process of re-constructing the web site.



OOPS!



Whatever works...