

AIChESM

section

Chicago Columns

Chicago Section
American Institute of Chemical Engineers
www.aiche-chicago.org

September Meeting Notice

Wednesday September 17, 2003
Goose Island Beer Company
1800 North Clybourn
Chicago, IL
312-915-0071

Agenda

Cash Bar.....5:00 pm
Dinner.....6:00 pm
Elections.....6:45 pm
Brew Master presentation.....7:00 pm

*Choose your favorites based on
Brew Master's comments*

Robert F. Anderson's presentation7:15 pm

Cost

\$24 for members
\$26 for non-members
No charge for AIChE student chapter members
(see your advisor)

Menu

Choice of chicken wings n' tenders and mini pulled pork sandwiches. Meal comes with beer-achos, spinach and artichoke dip, and cheese & vegetable quesadillas. Goose Island offers meals for those with dietary restrictions, please ask for additional information when making your reservation.

Reservations

*Make your reservations by calling the AIChE
Reservation Hotline at 847-588-3323 or
emailing evalopez@teianalytical.com.
Or register online at www.aiche-chicago.org.
Deadline is noon September 10, 2003.*

Topic and Speaker

Personal, Professional, and Economic
Development Aspects of Intellectual Property

Robert F. Anderson

Presentation Abstract

Our speaker will share some thoughts on the benefits to chemical engineers and their employers of understanding and using the patent system to protect the results of their creativity and innovation. Disclosure: He is not an attorney and his remarks should not take the place of competent legal opinion concerning specific invention situations you may encounter.

Nevertheless, he will provide guidance on the importance of keeping well-written and properly witnessed research notebooks, suggestions on writing good invention disclosures, information on the mechanics of obtaining a patent, historical perspective on the development of the patent system, an explanation of what a patent does and does not do, why patents are especially important to startup businesses, and some warnings against doing your own patent prosecution or using the companies that advertise in the National Enquirer. Questions will be welcomed and answered with due consideration of the disclosure above.

Speaker Bio

Bob Anderson has been a member of AIChE since joining the IIT Student Chapter in 1958. After graduation and signing on with UOP as a junior chemical engineer, he joined the Chicago Section and after the usual progression of committee work became chair in the mid 70's. In the early 80's he was elected a director of the

national organization, a responsibility he carried out while assuming greater administrative responsibility at UOP and attending the Northwestern University Executive Master of Management program. His career with UOP included leadership positions in R&D, engineering development, licensing, business development and profit center management. After serving as managing director of UOP nv in Belgium and UOP bv in The Netherlands, he was named vice president of quality and productivity in 1992 and vice president of marketing in 1997. While at UOP he was awarded 28 US patents and a number of foreign patents. Bob chaired the IIT chemical and environmental engineering department advisory committee for the past twelve years. He retired in 1999 to begin numerous subsequent careers.

He currently is IIT's director of technology transfer and intellectual property, president of internationally renowned management consulting firm of Robert F. Anderson & Associates, Inc., an instructor in change management at Keller Graduate School of Management, instructor of IIT's graduate chemical and environmental engineering course in energy, environment, and economics (E3), a director of Chicago ITEC (a state-funded entity dedicated to helping startup companies), and member of the boards of directors of a half dozen startup companies. He is a registered professional engineer in Illinois.

Directions

Exit the Kennedy Expressway at North Avenue (IL 64), heading east. Approximately 1 mile to Sheffield Avenue, turn left. Turn left at the next light (Willow Street). The Clybourn Brewery is on your right at the next intersection (Marcey Street). Parking is free and ample. Or take the CTA Red Line subway, exit at North/Clybourn. Taxis are easily available on Clybourn.

The objectives of the AIChE are to advance chemical engineering in theory and practice, to maintain a high professional standard among its members and to serve society, particularly where chemical engineering can contribute to the public interest. If you have any questions, comments or snide remarks regarding the newsletter, please contact the assistant night shift editor at polarbear4x@yahoo.com.

Chicago Section Columns is published eight times a year by the Chicago Section AIChE. Opinions expressed herein are those of the authors and are not necessarily those of the officers of the Chicago Section.

Chair's Corner

Dennis O'Brien
Chair 2003-04
Chicago Section AIChE

Plans for the year

Meetings

- We have meetings planned for September through November and then January through May.
- IIT student chapter is hosting a regional meeting of student chapters. They will need help with tours, gifts, donations, etc.
- A series of informal networking lunches will be kicked off this year. The lunch will be held in several different regions in the area. The frequency of these lunch meetings will be determined by those interested in attending.

Process Development Division Symposium

Annette Johnston and Christine Seymour are officers in the Process Development Division. Check out the web site at <http://www.pd-aiche.com>. The next PDD Symposium will be here in Chicago next June.

Newsletter

The newsletter will be distributed primarily by the internet. Members will be asked to provide their email address if they are willing to receive the newsletter via the internet. This method of distribution is common in other sections. Non internet users will still be able to get a printed copy.

Volunteers needed

Meeting Setup and Hosting

We need some new volunteers to help setup for meetings, collect money and register attendees at the monthly meetings. This effort takes only a little extra time (you need to come a little earlier to the meeting).

High Schools and Junior High Career Talks

TEI has received requests for speakers at high schools and junior high schools in the city and suburbs. We need speakers to honor these requests. If you do a talk, you get a certificate for a free meal redeemable at one of our monthly meetings. Please contact Alan Zagoria at alan.zagoria@uop.com for more information. I have given three of these talks in the last two years and

found it to be enjoyable. Speakers are needed throughout the year. Retirees would be very useful here.

Networking Lunches

Volunteers will be needed to coordinate networking lunches at a location convenient for them.

Science Fair Judging

Every year we get requests for judges at science fairs. This is another opportunity to be active in your community or in the larger community in the Chicago area. Please contact Ellen at TEI at 847-588-3840 or email to ellen@teianalytical.com.

Future Cities Competition Judging

In January we will need 3 or 4 people to help judge the future cities competition. It is held on a Saturday. Suzette Wick, Don Nell or I will help train new volunteers. In addition, there have been some requests for engineers to take the role as mentor to some of the teams. Interested working or retired engineers, please contact me (dennis.obrien@uop.com) for more details.

Help on the Board

We need additional new volunteers on the board (free food is the pay). The additional members provide new ideas, feed back on ideas discussed by the board. The board meets four to five times a year.

Election

We failed to hold the election at the last meeting due to the confusion of the groups visiting the 'CAVE.' We will have the election at this meeting.

Local Section Finances

Information regarding a statement of our bank balances can be found at www.aiche-chicago.org. Most of our income is from annual dues. We sometimes lose money at the monthly meetings due to students attending at no charge, but we feel this is a cost the chapter should support.

State of National

The finances of the National organization continue to worsen. However, AIChE will continue to function, and there will be a Spring and Fall National Meeting in 2004, as well as several regional meetings. Staff cuts have continued and alternatives are being explored. For more information, please see www.aiche.org.

Honors for Local members

- ♦ Dr. Gavin Towler has joined Chemical Technology Operating Council (CTOC)
- ♦ John Forgac is a member of Societal Impact Operating Council (SOIC)

Speaking of Beer....

Below are some of our favorite Norm-isms and beer quotes. More can be found on the website at www.aiche-chicago.org. -The editors.

"How's it going Mr. Peterson?"

"Poor"

"I'm sorry to hear that."

"No, I mean pour."

"Can I pour you a beer Mr. Peterson?"

"A little early isn't it, Woody?"

"For a beer?"

"No, for stupid questions."

"Hey Mr. Peterson, there's a cold one waiting for you."

"I know, if she calls, I'm not here."

Not all chemicals are bad. Without chemicals such as hydrogen and oxygen, for example, there would be no way to make water, a vital ingredient in beer.

--Dave Barry

If God had intended us to drink beer, He would have given us stomachs.

--David Daye

Sitting at my couch,
Thinking of fugacity,
Dang I need a beer.

-- Author unknown

Nominations Requested For The Ernest W. Thiele Award

The Ernest W. Thiele award is sponsored by BP and recognizes the outstanding contributions to our profession by a Midwest region chemical engineer. This award was established by the AIChE Chicago Section and is presented annually to a Midwest region AIChE member. This internationally recognized award consists of an engraved plaque and \$1000 honorarium presented at our sectional meeting.

Nomination forms and additional information can be obtained from the Thiele Committee Chair.

Completed nominations are due to the committee chair no later than March 01, 2004.

One of the highest honors a distinguished chemical engineer can receive is our Chicago Section Thiele award. Please consider nominating a deserving engineer for this prestigious award.

Jim Simnick

BP Amoco Complex, J-8

150 W. Warrenville Road

Naperville, IL 60566

Ph 630-420-5936

fax 630-420-4832

email: simnicjj@bp.com

Ernest W. Thiele Award Recipients

YEAR	RECIPIENT	AFFILIATION	RECOGNITION & ACHIEVEMENT
1983	E.W. Thiele	Standard Oil (Indiana)	Catalysis, Distillation fundamental advances
1985	B.B.Broughton	UOP	Aromatics Separation Processes, adsorptive separation
1986	T.J. Hanratty	Univ. Of Illinois	Advances in Fluid Mechanics
1987	G. Thodos	Northwestern	Physical Property Advances
1988	L.O. Stine	UOP	Petroleum/Petrochemical Processes
1989	D.T. Wasan	IIT	Research and Progress on Separation Processes
1990	R.S. Mah	Northwestern	Chemical Process System Analysis
1992	J.J. Carberry	Notre Dame	Chemical Reaction Engineering research, innovation, and education
1993	R. J. Bertolacini	Amoco	Catalysis research innovations and leadership
1994	J.W. Westwater	Univ. of Illinois	Research in Heat transfer and contributions in teaching
1995	Norman Li	UOP	Pioneering research in membranes and separations
1996	Rathin Datta	Argonne	Original research in metabolic engineering and membranes
1997	Hamid Arastoopour	IIT	Academic leadership and environmental engineering
1998	Arvind Varma	Notre Dame	Fundamental advances in synthesis of materials, catalysis and reactor stability
1999	S. George Bankoff	Northwestern	Heat transfer advances in chemical and nuclear engineering
2000	Henry Linden	IGT (retired)	Leadership of the Institute Of Gas Tech.
2001	Paul Sechrist	UOP	Contributions to computational fluid Mechanics, CCR, and FCC refining processes
2002	Julio Ottino	Northwestern	Research in Chaos Theory and mixing of solids and liquids
2003	Ali Cinar	IIT	Process modeling, monitoring and control

Illinois Institute of Technology AIChE Update

Erin Sawardecker
IIT Student Chapter

The past two years have been quite busy for the Illinois Institute of Technology Student Chapter of AIChE. Ever since Professor Donald Chmielewski became the chapter advisor, the officers have been actively planning events and making contacts throughout the industry. The past two years have produced many seminars, increased attendance at AIChE conferences and local section meetings, as well as annual events such as Evening With Industry and our end of the year picnic. Currently, the new commitment of IIT's student chapter is to host the 2004 North Central Regional Student Conference in April.

This massive undertaking began in May 2003, with a kick-off meeting to elect our chairmen for this conference. Having accomplished our first goal, the conference committee immediately got to work creating a website and delegating duties. As of now, the date for the conference is April 1-4, 2004, and the committee still has much to do in these upcoming months.

In order to make this conference successful for all participating students, the IIT AIChE Conference Committee is requesting aid in the form of sponsorship and volunteers. The most difficult part of planning this conference will be in raising necessary funds. While the committee will rely on fundraisers for the fall semester, this will not be enough to meet the expected budget of \$50,000. The Conference Committee is seeking sponsors who are willing to make donations at levels of \$100-\$500 (Pearl through Bronze), \$750 (Silver), \$1,000 (Gold), \$2,000 (Platinum), \$3,000 (Titanium) or more to help deflect costs. This money will help provide meals, transportation to and from plant sites, rental equipment, and other miscellaneous items. In return, Pearl through Bronze sponsors will receive acknowledgment in the conference program, while Silver through Titanium will receive appropriate advertisement space in the program. Titanium sponsors will also be designated as an event co-sponsor and will have their company logo on the nametags. All sponsors will be

recognized at the conference kick-off, during events and on the conference t-shirts. Additionally, they will be invited to Evening With Industry, which is a banquet and career fair specifically catering to chemical engineering students. This is an annual IIT AIChE event, and is quite successful in matching students with internships.

The conference cannot run smoothly without the help of volunteers. Members from other student organizations have pledged support on helping with registration and coordination. However, volunteers from the local section would be greatly appreciated for registration and judging. There are two major competitions that require judges: the Regional Paper Competition and the Regional Chem-E-Car Competition. These events are both exciting and very popular among Regional Conference attendees. Another major part of the conference is the workshops. These workshops cover topics from graduate school to interviews and resume writing to food processing to gas refining and everywhere in between.

Obviously, there is much work to do and little time to waste. If you are interested in conducting a workshop, judging one of the competitions, or if you can help contact sponsors, please let the IIT AIChE Conference Committee know. You can contact either Professor Chmielewski at chmielewski@iit.edu, Conference Chairman Katie Gwozdz at gwozcat@iit.edu, or Finance Chairman Adekunmi Keleko at keleade@iit.edu. Thank you in advance for your support!

Chicago ISA

Chicago Section ISA is having a Table Top Trade show at Arlington Park on September 18th. The show will run from 11:30 AM to 6:00 PM. Admission is free for the first 300 registrants. Please contact Jack Chmielewski (847-226-5409) or jack.chmielewski@novaspect.com for more information and to register. Also see www.arlingtonpark.com and www.isa.org/community/chica.

Dated Mail

60714+4617

Ellen Sullivan
TBI Analytical, Inc.
7177 N. Austin Ave.
Niles, IL 60714

AICHESM

Niles, IL 60714
7177 N. Austin

American Institute of Chemical Engineers

Chicago
Section
Columns

First Class
U.S. Postage
PAID
Lockport, IL
Permit # 190

AICHE Chicago Officers and Board Contacts

Position	Individual	Company	Phone	Email
Chair	Alan Levine		773-693-6030	levine_alan@yahoo.com
Chair-Elect	Dennis O'Brien	UOP	847-391-2802	dennis.obrien@uop.com
Vice-Chair Program	Annette Johnston	Abbott Labs	847-935-5120	Annette.Johnston@abbott.com
Treasurer	Rebecca Patrick	Cognis	815-939-6088	Rebecca.Patrick@cognis-us.com
Secretary	Brian Gahan	GTI	847-768-0931	brian.gahan@gastechnology.org
Past Chair	Allan Fluharty	Greely and Hanson	708-358-0680	allanfluharty@comcast.net
Directors at Large	Gloria Fountain	Unilever HPC USA	773-292-8044	
	Rebecca Abshire	American Pharmaceutical Partners	708-450-7657	
	Suzette Wick	Dedert Corporation	708-747-7000	SuzetteW@Dedert.com
Academic Liaisons	Vassily Hatzimanikatis	Northwestern University	847-491-5357	vassily@northwestern.edu
	G.A. Moonsori	UIC	312-996-5592	
	John Bell	UIC	312-413-9054	jbell@uic.edu
	Donald Chmielewski	IIT	312-567-3537	chmielewski@iit.edu
Awards & Nominations	Clint Butcher	UOP	847-391-2396	clint.butcher@uop.com
Constitution & By-Laws	Shannon Brown	Raymond Professional Group	630-369-8145	Sbrown5403@aol.com
Continuing Education	Raja Venateswar	Middough Associates, Inc.		Varuag@aol.com
Government Interaction	Bill Palm		847-581-1749	
House	George Jarvi	Ambitech	630-963-5800	gjarvi@ambitech.com
IL Engineering Council	Bill Sandstrom	US EPA	312-886-6028	sandstrom.william@epamail.epa.gov
	Shannon Brown	Raymond Professional Group	630-369-8145	Sbrown5403@aol.com
	Dan Reuben	Chicago Oakbrook Financial Group	847-392-9082	dreuben106@aol.com
Industrial Liaisons	Craig Christofidis	Motorola		
Job Posting	Gerald Bard	Matthew, Benjamin & Bard	262-279-6394	mattbenbard@charter.net
Meeting Programs	Eric Townsend			
Membership	Clint Butcher	UOP	847-391-2396	clint.butcher@uop.com
Publicity	Don Nell	W.R. Grace	773-838-3195	Don.Nell@Grace.com
Student Outreach	Alan Zagoria	UOP	847-375-7335	Alan.Zagoria@uop.com
Sponsorship	N. Sankaran	UOP	847-375-7893	Narayanan.Sankaran@uop.com
Seminar Committee Chair				
Thiele Award	James Simnick	BP	630-420-5936	simnicjj@bp.com
Webmaster	Ben Geres	Middough Consultants	630-734-7055	geresbc@middough.com