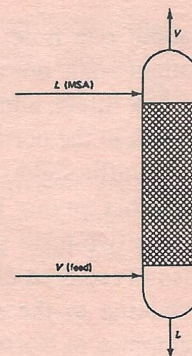




Chicago Section Columns



Chicago Chapter - American Institute of Chemical Engineers - April 2000
www.aiche-chicago.org

AICHE APRIL MEETING NOTICE

Wednesday, April 12, 2000
Northwestern University
Rooms 1BC and 1E, Norris University Center
1999 South Campus Drive
Evanston, Illinois 60208

Agenda:

Social Hour/Poster Session: 5:30 - 6:30pm
Dinner: 6:30 - 7:30pm
Speaker – Dr. Vainieri: 7:30 - 8:30pm

Dinner Arrangement: “Southwestern Ole”

❖ Buffet Dinner featuring beef, chicken, and veggie fajitas with all the fixin's.

Cost: Members \$20
Non-Members \$25
Students Free (see your advisor)

Make your reservations by calling the ACS office at 847-647-8405 by Wednesday, April 5 before 12:00 noon.

“Fuels for the New Century”

The quest for improved performance in an environmentally sustainable manner will drive change in the production and use of fuels. Where will the next innovations come from? Convergence and integration of fuels production, petrochemicals and power-generation industries embracing new technologies will be some of the keys to success. What role will chemical engineers play in these developments?

UOP researchers are making the innovations that will result in the fuels of the future. Their insights and answers to these questions will be key parts of this conversation.

About the Speaker:

As chief operating officer for UOP LLC, Humberto Vainieri is responsible for UOP's four businesses – Adsorbents, Equipment & Systems, Petrochemicals
American Institute of Chemical Engineers

and Refining. He was named to the newly-created post in November 1999.

Hum was born in Cuba and immigrated to the United States, where he attended college, obtaining a doctorate in chemical engineering from the University of Pittsburgh and an MBA from John Carroll University. He began his career with Gulf Oil and came to BP through the acquisition of the Alliance Refinery from Chevron.

During his long career with BP, he held a variety of corporate and Downstream assignments, the most recent of which were: executive director, BP Downstream; director, Pacesetter Refining Project; general manager, Spain; vice president of Refining, U.S.; and, head of Human Resources for BP Downstream. He was vice president and general manager of Refining for BP Amoco prior to joining UOP.

He is married and has three children. In addition to enjoying his family, Hum loves golf, chess and Spanish wine.

Plant Managers Night

This month's evening meeting is also our annual plant managers night. If anyone would like AICHE to send an invitation to their plant manager they should contact Ganesh Venimadhavan at 847-391-1322 or gvenimad@uop.com. The managers night is open to all plant managers (they are welcome as long as they are managers of chemical plants - it does not matter if they are not Chemical Engineering majors).

Directions to Norris University Center:

A map of the Evanston Campus can be found at <http://www.northwestern.edu/evchi-map/>

From the Northwest Suburbs--

Take Golf Road to the east. Near Evanston, Golf Road curves slightly to the right, and after crossing a bridge it becomes Emerson Street. Continue on Emerson for

about one mile. After crossing Maple Avenue, turn slight right onto Elgin Road. Continue straight onto Clark Street, and turn left on Chicago Avenue. Go one block to the north, and turn right onto Sheridan Road at the traffic light. Go east two blocks and turn left onto South Campus Drive. Parking can be found in the large two-level parking structure to the right (a permit is not required after 4:00 pm). After parking, continue walking to the north on South Campus Drive. The entrance to Norris Center will be to the right, on top of a hill.

From the South--

Take I-94 to the north and exit at Old Orchard Road, exit number 35. Turn right onto Old Orchard Road. After a few blocks, turn right onto Skokie Blvd. Go one half mile to the south and turn left onto Golf Road. Continue according to the directions above from the Northwest Suburbs.

From the North--

Take I-94 to the south and exit at Old Orchard Road, exit number 35. Turn left onto Old Orchard Road. After a few blocks, turn right onto Skokie Blvd. Go one half mile to the south and turn left onto Golf Road. Continue according to the directions above from the Northwest Suburbs.

CHAIRMAN'S CORNER



Rebecca Abshire
Chair 1999/2000,
Chicago Section AIChE

It is hard to believe that it is already April and another winter is behind us. This has been a good year so far and I would like to thank all the volunteers. I talked to someone recently who helped with an earlier program this year. I thanked them again for all of their hard work. They were modest and said it was not a big deal. That is what makes the Chicago Section so successful. We have several volunteers doing tasks that may not seem like much to them personally. However, when you add up everyone's efforts it is mind-boggling what we accomplish. The section runs smoothly, so we don't really notice all the effort that goes into all of the events: monthly meetings, school presentations, career fairs, technical seminars, plant tours, college poster night, monthly newsletters and a web page to name a few.

I like to compare our section to leaves on a large shade tree in the summer time. One leaf by itself doesn't seem to provide any shade. However, a vibrant tree provides shade with several leaves. No one leaf stands out to the person seeking shade, but all the leaves are

crucial in providing shade. When you volunteer, no matter what you do, your efforts are just as important as those of everyone else. You are part of a team, the Chicago Section.

AN OPPORTUNITY FOR VOLUNTARY MEMBER GIFT DONATIONS TO THE DIAMOND JUBILEE OF THE SECTION

A loose form is attached to the March and April newsletters to facilitate members' contributions for the Diamond Jubilee of the Chicago section. Your generous and prompt response, for the larger good of the Chemical Engineering community will be greatly appreciated. Contributing members will be recognized by listing them in the newsletter.

P.E. EXAM REVIEW COURSE

The Chicago Section is organizing a review course to help chemical engineers prepare for the P.E. exam in October 2000. The review course will start Tuesday, August 1, 2000 at Wilbur Wright College, 4300 Narragansett, Chicago, IL. The course will be held on Tuesdays and Thursdays for a twelve-week period from 6:15 PM to 9:15 PM. The tuition for the course, which will include books needed for preparation, is currently set at \$495 per person. This may be adjusted downward if the interest level surpasses our expectations. We are currently in the process of assembling the faculty for the course. Persons who wish to sign up for the course or wish to participate as part of the faculty team should contact Raj at 630-574-3724 (at Earth Tech) or send him an e-mail at Raja_venkateswar@earthtech.com or at Varuag@aol.com. We will need at least 10 students to make this project economically viable for the section. The course may be canceled at Chicago Section AIChE's discretion if there is a lack of interest.

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. Copy for inclusion in the next Chicago Section Columns must be received no later than March 29, 2000.

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 or comments regarding the newsletter please contact Ralph Iovinelli at Landrum & Brown, 1021 W. Adams Street, STE 200, Chicago, IL 60607; Phone (312) 491-4273 fax: (312) 491-4276; Internet: riovinelli@landrum-brown.com.

VOLUNTEERS NEEDED FOR STUDENT VISITS

Several Chicago Public Schools have approached us asking for volunteers to visit their school. We still have requests that need volunteers! We are asking the volunteers to visit the school, conduct a small activity (which is available from a speaker's kit), and discuss their careers. The students will be interested in why you chose your career and what you do. This is also an opportunity to talk about the variety of careers Chemical Engineers enjoy.

School	Location
Audubon Elementary	3500 N. Hoyne (Between Western and Damen on Addison)
Barnard School	10354 S. Charles (Beverly Area)
Chicago Vocational Academy	2100 E. 87th St.
Copernicus School	51st and Artesian
Curtis School	32 E. 115th St. (Between State and Michigan on 115th)
Funston School	2010 N. Central Park (Armitage and Central Park)
Murphy School	3539 W. Grace (Near Elston and Kennedy Expressway - Exit at Addison)
Philip Rogers School	7345 N. Washtenaw
Scammon School	4201 W. Henderson (Between Belmont and Milwaukee, and Kostner and Pulaski)

If you are interested in visiting any of the schools above, please contact:

Annette Johnston
 (847) 935-5120
 Annette.Johnston@abbott.com
 Annette.Johnston@juno.com

POSTER SESSION JUDGES NEEDED

The April 12th Chicago Section meeting will include undergraduate and graduate student poster sessions. The poster session is an excellent opportunity for professionals to interact with local university chemical engineering students. There will be a judges meeting at 5:00 and judging will occur from 5:30 - 6:30. If you are interested in judging, please contact Cathy Zimmerman at (630) 420-4390 or zimmerc@bp.com.

NOMINATIONS REQUESTED FOR THE ERNEST W. THIELE AWARD

The Ernest W. Thiele award is sponsored by BP Amoco 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.

Nomination forms and additional information can be obtained from the Thiele Committee Chair. Completed nominations are due to the committee chair no later than April 30, 2000.

Jim Simnick
 BP Amoco Complex, J-8
 150 W. Warrenville Road
 Naperville, IL 60566
 phone: 630-420-5936
 fax: 630-420-4832
 e-mail: simnicjj@bp.com

JOBS BULLETIN

April 2000

A 0020 Senior Process Engineer Experienced chemical or pharmaceutical process engineer wanted for Downers Grove office. Expertise in process flow and piping, heat and mass balances, instrumentation. Must be able to communicate effectively with client during conceptual and detailed design of a project. For further information, contact Daniel Green, Ambitech Engineering Corp @ 630-963-5800.

CHICAGO SECTION OF AIChE BUDGET

The fiscal year 2000 budget was voted on and approved at a meeting of the Board on January 12, 2000. The fiscal year runs from July 1st through June 30th.

Income	Fiscal Year 1999 Actual	Fiscal Year 2000 Proposed
Local Dues	\$19,857	\$19,000
Meeting Income	\$8,260	\$7,000
Symposium	\$7,176	\$5,000
Sponsorship	\$2,000	\$5,005
Allowances	\$3,230	\$800
Special Projects	\$72	\$100
Bank Interest	\$639	\$650
<i>Income Subtotal</i>	<i>\$41,234</i>	<i>\$37,555</i>

Expenses	Fiscal Year 1999 Actual	Fiscal Year 2000 Proposed
Newsletter	\$11,061	\$10,000
Meeting Costs	\$8,573	\$9,000
Symposium	\$4,638	\$5,000
Other	\$1,627	\$500
Newsltr Postage	\$1,600	\$2,000
Speaker Fee	\$1,189	\$400
Committee	\$1,017	\$1,000
ACS Office	\$991	\$1,000
IEC Expenses	\$945	\$945
Awards	\$819	\$800
Chair Expenses	\$309	\$300
Miscellaneous	\$782	\$810
Officers Conf.	\$-	\$1,000
Diamond Celeb.	\$-	\$4,800
<i>Exp. Subtotal</i>	<i>\$33,551</i>	<i>\$37,555</i>

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Niles, IL 60714



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American Institute of Chemical Engineers
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Niles, IL 60714

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AIChE Chicago Officers and Board Contacts

<u>Position</u>	<u>Individual</u>	<u>Company</u>	<u>Phone</u>
Chair	Rebecca Abshire	American Pharmaceutical Partners	(708) 450-7657
Chair-Elect	Suzette Wick	Dedert Corporation	(708) 747-7000
Vice-Chair Program	Ganesh Venimadhavan	UOP	(847) 391-1322 gvenimad@uop.com
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Secretary	Raja Venkateswar	Earth Tech	varuag@aol.com
Past Chair	Gloria Fountain	Unilever HPC USA	(773) 292-8044
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	Ken Brozinsky	UIC	(312) 996-9430
	Fouad Teymour	IIT	(312) 567-8947
	Catherine Zimmerman	BP-Amoco	(630) 420-4390
Awards & Nomination	Shannon Brown		(630) 369-8145
Constitution & Bylaws	Victor Justes	Superior Engineering	vjustes@centurion.flash.net
Continuing Education	John Forgac	Amoco Chemical	(630) 420-4960
Directors At Large	Dana Parker	IRI	(312) 454-4895
	Hemant Dandekar	UOP	(847) 391-3641
Government Interaction	Bill Palm		(847) 581-1749
Government Liaison	Shelby Miller	Argonne National Laboratory	(630) 252-7552
House	George Jarvi	Clark Refining	(708) 385-5000
IL Engineering Council	Bill Sandstrom (chair)	US EPA	(312) 886-6028
	Jeff Perl	Chicago Chem Consultants	(312) 226-2436
Industrial Liaisons	Dan Reuben	Fluid Equipment	(847) 392-9082
Job Posting	Steve Geller	Environment	(630) 627-0200
Meeting Programs	Gerald Bard	Matthew, Benjamin, & Bard	(414) 279-6394
Membership	Suzette Wick	Dedert Corporation	(708) 747-7000
Publicity	Kimberly Worthington	City of Chicago, Dept. of Env.	(312) 744-4034 kah@interaccess.com
	Ralph Iovinelli (chair)	Landrum & Brown	(312) 491-4273
	Mark Kuehne	NL Chemical Technology	(847) 824-2888
	Lisa Alexander		(815) 356-7543
Student Outreach	Annette Johnston	Abbott Labs	(847) 935-5120
Special Projects	Alan Zagoria	UOP	(847) 375-7335
Thiele Award	James Simnick	BP-Amoco	(630) 420-5936
Webmaster	Roger Masson	Chicago Chem Consultants	(312) 226-2436

American Institute of Chemical Engineers
Chicago Section

Voluntary Member Donation for the Diamond Jubilee Year

Dear Member:

This year the AIChE, Chicago Section, will be celebrating its Diamond Jubilee.

The Section, through its tireless voluntary efforts, serves as a rallying point for Chemical Engineers to keep abreast of technological and business advances, enhances public understanding of our industries, and encourages students to enter into the fields of science and engineering. These goals are accomplished through our Section's monthly meetings, a widely circulated newsletter, a web page (www.AIChE-chicago.org), high school science events, employment fairs, interaction with governmental bodies, and state of the art technical seminars.

Through the years of dominant changes you, as members, have provided invaluable voluntary support to the section in developing and offering these activities.

On the occasion of the 75th year, we are offering you a unique opportunity to strengthen the Section to carry on its multifaceted activities by making a personal donation of \$ 50 to \$200. Your donation will help the Section to continue its outstanding activities. Contributions may be sent to the Chicago Section, AIChE., 7173 North Austin Boulevard, Niles, Illinois 60714 or may be handed over to any of the office bearers listed in the newsletter. Contributors will be recognized in a later edition of the newsletter.

This Voluntary Member Donation for the Diamond Jubilee is different from a nominal sponsorship by companies for individual programs and separate from the cost for the one-day Diamond Jubilee Celebration event on May 20th.

If you have any questions on this program please contact Alan Levine (630-886- 4917) Engineering Solutions Inc., or N.Sankaran (847-375-7893) UOP LLC.

Your generous support for the section you have nurtured all these years is greatly appreciated.

Respectfully
Section Committee

The Chicago Section

American Institute of Chemical Engineers,
7173, North Austin Boulevard,
Niles, Illinois- 60714

Voluntary Diamond Jubilee Donation

\$50

\$100

\$200

Name _____

Date _____

NOMINATIONS ARE OPEN FOR CHICAGO SECTION OFFICERS

Nominations are now open for candidates for Officers and Directors-at-Large for the Chicago Section AIChE for the 2000-2001 year. The elections will be held at the section's Annual Meeting on June 14, 2000. A nomination form and request for absentee ballot are published in this newsletter. The winning candidates will serve terms running from July 1, 2000 through June 30, 2001. From our Bylaws, to be an Officer or Director-at-Large, the candidate "must be a member of the Section in good standing" (paid local dues) "for at least two successive fiscal years including the year in which the election is held. In addition, all officers and Director-at-Large of the Section must be Fellows, Members, or Associate Members" of the AIChE National. "The Chairman shall have served at least one year on the Board of Directors before he is eligible to hold the Chairmanship."

The nomination form must be returned to the Chair-Elect, Suzette Wick, or submitted in person by the close of the April 12, 2000 meeting. The final slate of candidates will be determined by the nominating committee and published in the June issue of the Newsletter, *Columns*.

Five Open Positions for Officers and Director-at-Large: A Chairman-Elect will serve a one-year term followed by a one-year term as Chairman. The Vice Chairman-Program, Secretary, and Treasurer will each serve a one-year term. A Director-at Large will be elected to a three-year term. There are three Directors-at Large whose terms expire on a rotating schedule.

Absentee Ballots Will Be Available: Officers and Directors-at-Large of the AIChE Chicago Section will be elected at the Section's Annual Meeting to be held June 14, 2000. Any member in good standing who cannot attend the Annual Meeting may use the absentee ballot. The absentee ballots will be available after the April 12, 2000 meeting. For an absentee ballot, please return the form below to Suzette Wick.

NOMINATION FORM

I suggest the following names for elective office in the Chicago Section AIChE:

Chairman-Elect _____

Vice Chairman-Program _____

Secretary _____

Treasurer _____

Director-at-large _____

Signature _____

ABSENTEE BALLOT REQUEST

I cannot attend the annual meeting in June 2000. Please send me an absentee ballot.

Signature _____

Name _____

Address _____

Return this form to: Suzette Wick, Dedert Corp., 20000 Governors Drive, Olympia Fields, IL 60461 or FAX to 708-755-8815 no later than May 1, 2000.