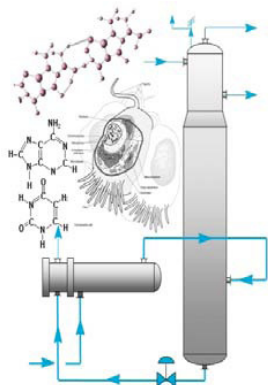


May Newsletter



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AIChE Chicago May 2009 Meeting Notice

Food Safety

Alfredo C. Rodriguez

The Garden Tour

Mike Rouse

Date: Wednesday, May 13, 2009

Location: Cantigny Park, Le Jardin Room
1S151 Winfield Road, Wheaton, IL, 60189

Cost: Members: \$40 Non-Members: \$45
Students: \$5 Unemployed Members: \$20
Couple: \$75.00

<http://guest.cvent.com/i.aspx?1Q,M3,bf140921-4384-4f81-94b2-f275a941e017>

Registration deadline is Monday, May 11 at noon.

Agenda

4:00	Grounds open
4:30/5:00 to 6:45	Wander gardens, W/ Mike Rouse
5:00 to 6:45	Cash Bar
6:00 to 6:45	Registration
6:00 to 6:45	PE Forum
6:45 to 8:00	Buffet Dinner, Meeting and Election
8:00 to 9:00	Presentation, Q &A



Chair's Corner "Year in review"

Last September I proposed a modest set of goals for this year as follows:



1. Broaden Section membership.
2. Make AICHE membership more valuable to each member.
3. Strengthen our alliances with all of the organizations which employ our members, public and private, industrial, educational, and governmental.
4. Turn more members into active volunteers within the Section.
5. Improve our Section's YPAB.

As our program year winds down, it is appropriate to ask: how many of these goals have we accomplished?

On the positive side:

Our membership rolls have grown since last year. More importantly, our average monthly meeting attendance is significantly higher than last year. So, more people, members and non-members, are choosing to attend our meetings. I believe that this means that people know that they receive value from AICHE Chicago membership over and above the financial and temporal costs to attend. Also, we have several members who have actively volunteered to provide meaningful support to the Section. Some are new members and some are established members who have chosen to give some of their time to help the Chicago Section cause and to help AICHE be meaningful to all of our members. And our YPAB has been more active than in past years. This can only help strengthen our Section and our profession in general as younger chemical engineers get into the act.

On the down side:

We could have done more to improve our relationships with public and private organizations where our members practice their craft. This is an issue which will be more fully addressed next year.

In sum, we have had a good year with new members, enthusiastic volunteers, excellent programs, substantial student outreach and, in general, a genuinely positive experience. We will be able to keep this momentum going as long as we continue to attract new members by having good programs and providing good value to our membership.

These positive results could not have been achieved without the hard work of our Board members and Committee chairpersons. Azita Ahmadzadeh has turned out one excellent newsletter after another. Shannon Brown has ensured that we adhered to the Bylaws and other practices of the organization. Shannon's in-depth knowledge of the Section's past practices has helped steer us down the right path. Beth Carter, along with Liz Kacmar, expedited the McCormack award and Student Poster competition and saved the day. Catherine Fieber, although new to Chicago, jumped right into the sometimes confusing Treasurer's position and righted our financial records. And she did it while we moved our funds to a much more manageable bank. Heather Mayes has a terrific Webmaster. Reza Mostofi-Ashtiani, next years' chairman, scheduled broadcast alerts to keep us on track and handled many of our internet-based information requirements with skill and without fuss. John Mylar has contributed a calmer, gentler view while moderating some of our discussions. Dennis O'Brien is always out in front for our Fall Symposium series. Jeff Perl has been an organizational force, particularly with regard to our Fall Symposium and our student outreach. Steve Rosenblum has organized high quality programming all year long. Steve also assisted Catherine Fieber as we struggled with our bank early in the year. Dan Rusinak and Sam Singh ably located fine meeting venues with excellent food and handled the monthly registration table with good humor and good results. Steve Schade supported our Cvent meetings registration, plus his other Secretary activities, with great skill. Jessica Swary has picked up the mantle of YPAB leader and carried it with energy this year. Jim Simnick again single-handedly organized the Thiele Award. Alan Zagoria has done a terrific job keeping our student outreach program front and center. Certainly, I have forgotten someone's hard work, for which I do apologize.

It has been my privilege to work with all of these folks this year. I thank them all for their hard work. And, I thank each of you for participating in AICHE Chicago meetings and events. Have a good summer and we will see you again in the fall.

Pat Shannon
Middough, Inc

Abstract of the May Meeting

The National Center for Food Safety and Technology (NCFST), founded in 1988, is a unique food research consortium of the U.S. Food and Drug Administration (FDA) Center for Food Safety and Applied Nutrition (CFSAN), Illinois Institute of Technology (HT) and the food industry.

The FDA established NCFST to serve as a link to the food and food—related industries and to house the CFSAN Division of Food Processing Science and Technology. NCFST is the one place where industry can work collaboratively on projects with FDA scientists on food safety and technology research.

Membership in NCFST allows companies to gain early insight into emerging food safety issues and health promoting foods trends from the CFSAN perspective and to assess the safety of new technologies that may be important for innovation. This early collaboration with FDA may facilitate speed to market through the regulatory process.

SCIENCE FOCUS AREAS:

NCFST focuses its research on four major Science Platforms reflecting the organization's expertise:

- Food Processing & Packaging
- Food Microbiology
- Chemical Constituents and Allergens
- Health Promoting Foods

The primary goal of these platforms is to develop projects based on stakeholders' needs. Portfolios for each includes collaborative, leveraged and proprietary research and balances short- and long-term needs of industry members, the FDA and NCFST.

NCFST is well placed to facilitate innovation in the food industry through the assessment and validation of new technologies, especially new food safety and preservation technologies, aimed at delivering key consumer drivers of safety, health, freshness and convenience. NCFST also offers innovation in the area of nutrition research through science that validates impact of health promoting foods on clinically relevant end-points.

To Register Click the Link;

<http://quest.cvent.com/i.aspx?1Q,M3,bf140921-4384-4f81-94b2-f275a941e017>

Speakers Bio, May Meeting

Alfredo C. Rodriguez is the Director of engineering at the National Center for Food Safety and Technology (NCFST) in Summit-Argo, IL. Formerly, he was an engineering specialist in the Sterilization Science Center, and previously was a Section Manager in charge of solutions sterilization cycle development at the Sterility Assurance Department of Baxter Healthcare Corporation in Round Lake, IL. His work deals with different technologies applied to sterilization including steam, high pressure, gas, radiation, etc.

In addition, he is in charge of the food process engineering and advanced food process engineering class in the Illinois Institute of Technology (NCFST) graduate program.

He has a B.Sc. degree in biochemical engineering and a M.Sc. degree in food science from the National Polytechnic Institute in Mexico City; and a Ph. D. degree in food engineering from the University of Florida.

He can be reached at arodrig2@iit.edu

Mike Rouse formally trained in biochemistry and chemical engineering, Michael Rouse has always been at heart a passionate gardener and plant collector. Mr. Rouse (Mike) has lived and gardened from Minnesota to North Carolina to Texas and collected across much of the rest of the country. After fifteen years as a biochemical engineer Mr. Rouse took five years off to have a midlife crisis and start a mail-order/Internet nursery offering rare and unusual plants for the Great Lakes region. After successfully completing his midlife crisis in 2006, Mr. Rouse returned to engineering on a part-time basis. He currently divides his time between his nursery in northwestern Pennsylvania and the Middough offices in Oak Brook, Illinois. At the nursery Mr. Rouse's current focus is the development of new cultivars of ornamental perennial sunflowers in sizes more suitable for the garden and a wider range of colors than the typical sunflower yellow. At Middough Mr. Rouse is a project engineer in the Process Group where he works primarily on bioprocess projects.



AIChE Chicago Section Student Awards

McCormack Awards

Recipient: Ellen Kloppenborg

University: Illinois Institute of Technology

Description: The Department of Chemical and Biological Engineering at IIT proudly announces Ellen Kloppenborg as our selection for the Harry McCormack Outstanding Senior Award. In addition to stellar academic performance, Ms. Kloppenborg has demonstrated a dedication to the profession through her involvement in the AIChE Student Chapter as well as undergraduate research. Within the student chapter she served as Treasurer, President, and finally Outreach Coordinator. As a researcher, she studied polymeric systems in an effort to determine anisotropic thermal conduction and deformation characteristics (under the guidance of Professor Schieber). As a direct result of these accomplishments she received the Richard A. Babcock Leadership Award, the highest honor the university can bestow on a current student. Ellen has also shown great perseverance, as illustrated by her ability to fend off numerous Professors telling her to attend graduate school. In the end, she proved greater wisdom and decided to join the team at UOP, where we expect her mark will be as significant if not greater than the one left upon the IIT campus.



Recipient: Tim O'Brien

University: University of Illinois at Chicago

Description: Tim O'Brien is the only chemical engineering senior at UIC with a 4.0 GPA. He is graduating in May 2009 with a concentration in biochemical engineering. In addition to his perfect academic performance, Tim is a starting member and team captain of the UIC NCAA Division I tennis team. Tim wants to become a patent attorney, and thus is intending to pursue a law degree in the fall of 2009.



AIChE Chicago Section Student Awards

Recipient: Stuart Harwood

University: Northwestern University

Description: Stuart was chosen by a committee of five Northwestern Chemical and Biological Engineering department faculty members from among six students under consideration for this award. Stuart has demonstrated outstanding academic achievement in Chemical Engineering, ranking #1 based on GPA, while pursuing an unusual concentration of courses in Applied Mathematics that are normally taken only by graduate students. At both Northwestern University and via a summer program at the University of Massachusetts, Stuart has also excelled in undergraduate research in areas as diverse as solid-state polymer processing and production of viral vectors for use in a spinal cord regeneration study. He also gained summer internship experience as Run Plant Engineer for Dow Chemical, winning praise from Dow engineers for his contributions and abilities, and he has given back to the Northwestern community by his participation as a McCormick Fellows Program Mentor. Stuart is intending to pursue a Ph.D. degree in Chemical Engineering beginning in Fall 2009.

Shining Star Award

Recipient: Dima Alfawakhiri

University: University of Illinois at Chicago

Description: The Chicago Section of the American Institute of Chemical Engineers is pleased to present to Ms. Dima Alfawakhiri a special recognition award for her service to the Chicago Section of AIChE and the community. Dima has maintained a 3.91 GPA in her four years at UIC. She has been involved in the planning and implementation of the last three Chicago Section Symposia. In addition to these activities she has been an officer in the Society of Women Engineers and American Society of Heating, Refrigeration and Air-Conditioning Engineers. She has also been a teaching assistant for Engineering 100 classes, a UIC Math Learning Center Tutor, and a science fair judge. Among the numerous awards made to Dima is the University of Illinois Alumni Association Student Leadership Award. She has been awarded numerous scholarships from AIChE, Society of Women Engineers, and other organizations and several travel grants to attend meetings or summer school. We wish her the best in future endeavors.



Poster Session Competition Winners

The winners of the poster fair on Wednesday April 15, 2009 are:

1st Place Undergraduate: Dan Detro, Joshua Jones, Kevin Jackson, Xin Qin, Valerie Delligatti (UIC)

Title: "Microalgae to Biodiesel"

2nd Place Undergraduate: Keanen Ryan (Northwestern)

Title: "Computational Kinetic Study of L-proline Catalyzed Aldol Reactions"

1st Place Graduate: Renat Khaliullin (IIT)

Title: "Unified mathematical model with a self-consistent constraint dynamics for linear viscoelastic predictions of linear monodisperse and polydisperse and branched polymers."

An over view of April Meeting Awards

At the recent April 15, 2009 AIChE Chicago section meeting hosted by Northwestern University Dept of Chemical Engineering, Chair Patrick Shannon presented **Dima Alfawakhiri** with a AIChE special services award along with a check for \$250.00 in recognition of her work with AIChE at UIC as well as in coordinating the annual AIChE Midwestern Symposium in Sept 2008, also held at UIC.



Jeff Perl presented the Harry McCormack award of excellence to **Timothy O'Brien**, chosen by the UIC Dept of Chemical Engineering as their outstanding undergraduate chemical engineering senior, recognizing his cumulative UIC accomplishments. Tim also received a check for \$250.00



Poster Session

All in all about 12 UIC students attended and presented three design projects. I am extremely proud of all of our UIC seniors. In addition to gaining technical proficiency, they are making excellent contacts that will serve them well as they prepare to enter their careers very shortly!



IIT, NWU and UIC all competed. Our student participants all benefited greatly by having this preparation for next weeks UIC Design Expo.

First Place

UIC Team Delta. - Dan Detro, Joshua Jones, Valerie Delligatti, Xin Qin and Kevin Jackson from my UIC ChE397 senior design class took first place and \$125.00 award in the undergraduate poster session contest for their Design for making Biodiesel from Microalgae. Their industrial advisor is Jerry Palmer of Ambitech Engineers.



Also proudly representing UIC at the meeting:

Team Alpha - Switchgrass to Ethanol Design, Tim Bannon, Greg Dicosola, Haseeb Quadri, Catalina Mogolon and Tim O'Brien, Industry advisor, Adam Kanyuh and Dave Myers of UOP



Team Echo - Municipal Solid Waste to Hydrogen Design - Max Chmara, Karina Nieto, James Gilbert and Dima Alfawakhiri, Industry advisor, Dennis O'Brien, Jacobs Consultancy



PE Forum

The National Council of Examiners for Engineering and Surveying is recommending a change in the Model Law that requires a master's of science degree or its equivalent beginning in 2020. That would be on top of the current requirements that you have graduated from a four year, ABET-accredited engineering program; have four years of work experience; and pass the Fundamentals of Engineering examination. State legislatures and governing boards are being urged to adopt this change by 2012 so it can be implemented in 2020. AIChE national has come out against the implementation of this change.

The Chicago Section is hosting a forum at the May meeting to allow for a moderated discussion of this issue. Please stop by and expression your opinion in regard to this important topic for the future of Chemical Engineering.

2009 Chicago Midwest Regional AIChE Symposium

Joint meeting with IEEE

Oct 5 and 6 at UIC

Proposed theme for this year symposium is **"Energy & Sustainability"**

Symposium planning meeting is on **May 4th** at 4:00 pm 810 S. Clinton, Chicago.

Please contact **Dennis O'Brien** "Dennis.O'Brien@jacobs.com" for volunteer opportunities.

Material will be on the section website by mid May.

Tentative program will be 3 parallel sessions on both days.

The high school outreach program will be planned for both days.

YPAB HAPPY HOUR

**Thursday, May 28th
6-8 p.m.**

Molly Malones Irish Pub & Grill

7652 Madison St.
Forest Park, IL

Come for the company, stay for the drink specials and free Irish band session at **8 p.m.!**

Free private parking lot right next door. Also accessible from Metra or Blue Line. For more info, visit the website at: www.themollymalones.com

Drinks and food will individually billed.

RSVP to Jessica Swary at jessicaswary@msn.com by **Wed. May 27th**.

MAY 13 AIChE CHICAGO ELECTIONS

PROPOSED SLATE FOR 2009

PLEASE NOTE THAT THE OFFICER ELECTIONS FOR FISCAL YEAR JULY 1, 2009—JUNE 30, 2010 WILL BE HELD DURING OUR MAY MEETING. IF YOU CANNOT ATTEND PLEASE CONTACT **Steve Schade** at sschade@ambitech.com FOR AN ABSENTEE BALLET.

Chair Elect - Steve Rosenblum

Steve.Rosenblum@uop.com

Steve Rosenblum is a Senior Applications Specialist at UOP where he supports all simulation products at UOP and creates tools to help UOP engineering with its work processes. He has been a member of AIChE since 1977. He has been active in the Chicago section since 2005 where he took on the role as membership chairman. Steve has a Bachelor of Science degree in Chemical Engineering from Cornell University and a Masters of Science degree in Chemical Engineering from Northeastern University. Steve previously worked for Badger Engineering as a design engineer, and ABB Simcon as a dynamic simulation and optimization engineer prior to joining UOP in 1997.

Vice-Chair Program—Steve Schade

sschade@ambitech.com

Steve Schade is a Senior Engineer at Ambitech Engineering, which he joined in 2005, working primarily on projects for clients in the petroleum industry. Previously he was employed at UOP, specializing in aromatics processes. Earlier in his career he was involved in process development work with IGT, Searle, and USG. Steve has BS and MS degrees in Chemical Engineering from the University of Missouri at Rolla (now Missouri University of Science & Technology). He has been active on the AIChE section Student Outreach committee, giving presentations at schools and helping prepare displays for Chemistry Day and Engineers Week. Currently he serves as Section Secretary.

(continued)-PROPOSED SLATE FOR 2009

Treasurer— Catherine Fieber

cfieber@comcast.net

Catherine stepped in as Treasurer for AIChE-Chicago last fall when the previous treasurer, Mike Schultz, was transferred to Malaysia. Catherine holds Bachelors and Masters degrees in Chemical Engineering from the Georgia Institute of Technology. She performed her thesis work there on pretreatment of woody biomass for ethanol fermentation. After graduation, she joined what was then known as Western Electric for a process engineering role in semiconductor fabrication in Allentown, PA. This led to positions in product engineering, quality management, and eventually silicon process technology development with Bell Laboratories in Allentown. With the move of her laboratory to Orlando and the birth of her three children, she pursued another direction for 9 years: founding and growing a high-end architectural tile company. Her line of custom-order tile was sold through showrooms nationwide. In 2006, she joined Intel in Massachusetts, where her role was to manage the quality and reliability qualification of Intel's next large server microprocessor.

Since moving to the Chicago area this year, Catherine has been pursuing knowledge in the field of greenhouse gas emissions verification and is interested in becoming professionally involved in this field.

Director at Large - Bill Glogowski

glogowwk@middough.com

Bill Glogowski is a Process Engineer with Middough in Oak Brook, joining in 2006 soon after receiving a BS in Chemical Engineering from the University of Illinois at Chicago and passing the fundamentals of engineering exam. In his current position, he is involved in process design in industries such as refining, consumer products, and pharmaceuticals. He was an active member in the student AIChE chapter at UIC and is now an active participant in the Section's Young Professional Advisory Board.

(continued)-PROPOSED SLATE FOR 2009

Co-Secretary - Peter Herena

peter.herena@kenexis.com

Mr. Hereña has ten years of experience in the design and installation of control systems and the implementation of safety instrumented systems for the process industries. Mr. Hereña is a Senior Engineer at Kenexis and responsible for facilitating HAZOP and SIL Selection. Additionally, he has extensive experience in engineered safeguard design basis development and verification/validation projects. Kenexis is a consulting company that provides services for all phases of the safety lifecycle.

Mr. Hereña began his career with UOP, a licensor of process units to the petroleum and petrochemical industries, where he performed field verification of control systems at customer sites, and designed and managed development of custom control projects. In 1997 he graduated with B.S. degrees in Chemical Engineering and Environmental Engineering from Northwestern University in Evanston, IL.

Mr. Hereña is very involved in the International Society of Automation (ISA) and participates on ISA standards committees, including SP 84 for safety instrumented systems and SP 18 for alarm systems. He also serves as a co-chair in the American Institute of Chemical Engineers (AIChE) National Spring Meeting content coordinator.

Co-Secretary – Mike Buettner

Mike.Buettner@alfalaval.com

Mike Buettner is a Sales and Market Development Manager for the Midwest in Alfa Laval's Energy and Industrial group. He holds a BSChE from Michigan Technological University and an MBA focused on Operations from the University of Minnesota. Mike has over 15 years of experience in the process industry, 10 of those years have been in the oil refining industry and, most recently, the past 5 years bringing engineered solutions to that same customer base.

Mike has been a member of AIChE in the past, but has only recently become active in the Chicago chapter. I am looking forward to meeting all of the members and continuing the success this chapter has seen in recent years.

The majority of Mike's free time is spent on the demands of trying to raise three very active children in Yorkville.

Fermi National Accelerator Tour

Batavia, IL

Saturday, June 27th 9:30a.m. to 12p.m.

What you didn't know about Fermilab:

- Fermi's largest accelerator, Tevatron, is four miles in circumference.
- The top quark, a subatomic particle, was discovered at Fermi in 1995.
- The 6,800 acre site contains wetlands, woodlands, grasslands and more than 1,100 acres of reconstructed tall-grass prairie. It was designated a National Environmental Research Park in 1989.
- Roughly 270 species of birds, 50 species of butterflies and 10 species of frogs have been observed at Fermilab. The site also boasts a herd of American bison.
- The particle accelerator provides electrons, protons, neutrons and x-rays for industry and medicine. Their Neutron Therapy Facility onsite has treated more than 3,000 cancer patients to date.

Concerts, art exhibits, films, lectures and folk dancing events open to the public are held regularly at Fermi.

Engineers, non-engineers, adults and children (10+) are welcome to discover FermiLab in AIChE's own private tour. Children must be accompanied by an adult.

Limited space is available.

Please RSVP to **Jessica Swary** at jessicaswary@msn.com by **June 12th**.

2009—2010 Elected Officers

Chair - Reza Mostofi

Reza.Mostofi@uop.com

Reza Mostofi is a chemical engineer at UOP's mechanical technology team where he is involved in trouble shooting and new process development using computational fluid dynamics (CFD). Before joining UOP, Reza has worked as a post-doc at Illinois Institute of Technology where he also obtained his PhD in Chemical Engineering 2002 and his MS in 1998.

He received his BS in ChE in 1989 from Tehran Polytechnic University, Iran. He is currently teaching part time in one of the Chicago City Colleges.

Reza has been a member of AIChE since 1996 and has been an active member of the Chicago local section from 2005.

He has served as AIChE national meeting's session chair and he is recently elected as the vice chair of one of the AIChE particle technology forum subgroups.

Director at Large - Dennis O'Brien (continuing)

Dennis.O'Brien@jacobs.com

Dennis O'Brien is a Group Manager with Jacobs Consultancy in Chicago. He received a BS in Chemical Engineering from Tulsa University and an MBA from Roosevelt University. Chicago AIChE past activities include Secretary, Treasurer and Chair of the Chicago section He is also has been involved in the planning of a number of the Spring and Fall section symposia. National activities include serving as a director of F&PD and he is currently Spring 2009 co-MPC and treasurer of F&PD. He is a Fellow of the institute.

AIChE Live Webinars in May

Patent Fundamentals for Engineers

May 6, 2009

Presented by Joseph P. Hamilton, Esq.

2:00 – 3:00 p.m. ET

Properties of Materials: How Material Safety Data Sheets Help You Perform Hazard Analyses

May 14, 2009

Presented by Dr. Ronald J. Willey

2:00 – 3:00 p.m. ET

Beyond the Resume: An Inside Look for Students at What Recruiters Really Think

May 20, 2009

Presented by Meredith Trotta

2:00 – 3:00 p.m. ET

Minimize the Pain of Change and Maximize Your Results

May 21, 2009

Presented by Jeanenne LaMarsh

5:00 – 6:00 p.m. ET

Upcoming Meetings and Events

13-May

FDA Food Safety

27—June

Fermi National Accelerator Tour

23-27 August

**8th World Congress of Chemical Engineering (WCCE8) and
XXIV Interamerican Congress of Chemical Engineering and
59th Canadian Chemical Engineering Conference (CSCHE 2009)
Palais des congrès de Montréal, Montréal, QC**

5-6 October

2009 Chicago Midwest Regional AIChE Symposium, UIC, Chicago

8-13 November

The AIChE 2009 Annual meeting, Nashville, TN.

Job Search Survival 2009

Undoubtedly, this is the toughest year on record to land a new job. Reaching your career goal will take courage and nerves of steel. Are you up to the challenge? Here are three tips for job-search endurance that will keep you on the right track toward your employment goal.

1. Keep your career goal realistic.

This is not the time to strike out in a risky career direction. Following your heart toward a career in which you have little qualifications could yield months of frustration as you find yourself competing against legions of candidates far more qualified. Unless you are in the position to hold out for a very long job search, concentrate on positions where you are best qualified.

2. Realize it will take longer to land your next position.

If you've never experienced a lengthy job search, set your expectations out several months and practice patience. You will apply for many positions as the perfect candidate, and get no response. Expect that. You will conduct perfect interviews and hear nothing back. Expect that as well. Just remember that eventually the right company with the right job at the right time will come your way if you stay calm and focused and don't let discouragement keep you from moving forward. Just keep with it.

3. Write a better resume than your competition.

Less jobs and more applicants equals extremely high competition. The quality of your resume has never been more important. For the best possible resume keep these guidelines in mind:

- Focus your resume. Avoid a one-size-fits-all resume.
- Showcase your best information in the top half of page one.
- Include accomplishments that illustrate your ability to solve today's business challenges.

4. Sharpen your interview skills.

With employers interviewing only the best of the best, when you are chosen to interview be sure you are your competitive best. You CANNOT "just wing" an interview and expect to be called back for a second. Today it takes solid interview strategy to earn a second round of interviews. Interview books are helpful, but they usually fall short of teaching you how to read the interviewer's mind to understand his/her hiring motivations. A study in the art of selling is more effective to achieve great interview performance. A few basic selling strategies include:

- Asking the right questions to understand the interviewer's "hot button" motivations.
- Formulate answers around the interviewer's motivations.
- Know your accomplishments well enough to weave them effectively through your interview to achieve top candidate status.

Job Search Survival 2009 (continued)

Throughout 2009, the best jobs will go to those who persevere and stay focused. Keeping your expectations and goals realistic will help prevent the emotional ups and downs. Prepare for your job search as if you were competing in a marathon. With patience, endurance and skill you will win your next job.

Deborah Walker, CCMC is a career coach helping job seekers compete in the toughest job markets. Her clients gain top performing skills in resume writing, interview preparation and salary negotiation. Learn more about Deborah Walker, career coach at:

<http://www.AlphaAdvantage.com>

2009 AIChE National "Practice Award"

Dr. Gavin Towler, UOP, received the AIChE National Process Development Division "Practice Award" for 2009. The award was presented at the Divisions dinner meeting at the Spring Meeting of AIChE in Tampa Florida on April 28, 2009.



Gavin Towler is the Senior Director of Development at UOP. UOP is a leading supplier of catalysts, process technology, proprietary equipment and services to the oil, gas and petrochemical industry, based in Des Plaines, Illinois. Gavin is accountable for managing technology development and delivery for all UOP business units. He has 20 years of broad experience of process and product design, including refining, gas and petrochemical processes, separations, heat integration, refinery optimization, fuel cells and process miniaturization and has 39 US patents. He is co-author of "Chemical Engineering Design", a textbook on process design, and is an Adjunct Professor at Northwestern University, where he teaches the senior design classes. Gavin has a B.A. and M.Eng. in chemical engineering from Cambridge University and a Ph.D. from U.C. Berkeley. He is a Chartered Engineer and Fellow of the Institute of Chemical Engineers, and is a Director of the AIChE and Secretary of the CACHE Corporation.

Officers and Contact Information

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We are on the web
www.aiche-chicago.org

We want you for AIChE-Chicago!
We need your help!

How many opportunities can you find to learn project management, delegation and leadership skills for free? Becoming an officer in the Chicago Section of AIChE is such an opportunity. While you're learning new skills, your local network grows. Just about all of us are either undergoing a career change, contemplating a career change, or are wondering if our career will be changed for us. Volunteering with AIChE is a way to add skills and accomplishments to your resume.

aichechicago@gmail.com

http://www.aiche-chicago.org/Section_Info/Volunteer.html

Submitting Articles to AIChE Columns

We welcome email submissions for our monthly newsletter. Commercial announcements are subject to the fee schedule below. News stories, editorials, technical or career related non-commercial contributions are always welcome with no charge. We consider job postings, announcements of for-fee training courses, expositions, conferences as commercial. Categorization of announcements is at the sole discretion of the Chicago AIChE Board of Directors. Chicago AIChE may publicize activities of interest to our members by cooperating professional societies and other non-profits without charge.

Please submit your material to aichechicago@gmail.com with "newsletter article" as a subject line.

AICHE Publicity Committee Fees	Academic (non-AICHE)		Company		Recruiters	
	Per Month	Per Year	Per Month	Per Year	Per Month	Per Year
Advertisements (3X3)	100	450	150	675	N/A	N/A
Half-Page (~7"x 4.5")	280	1260	420	1890	N/A	N/A
Job Posting (Size?)	50	225	100	450	250	N/A
Special Sizing	Contact Publicity Committee aichechicago@gmail.com					

For the purchase of a year ad, customers have the option of changing ads/jobs month to month.

Student and AIChE Member Related Postings are Free.

