ChemE Participates in its Second Chase Corporate Challenge

by Shahin Ali

On Thursday, July 30th, the ChemE Department fielded a team of runners to participate in the 1998 Chase Corporate Challenge. The Chase Corporate Challenge is a 3.5 mile road race through downtown
Boston, starting and finishing on the Boston Common. It was created to "support health, fitness and well-being in the corporate communities across the United States and abroad. The races provide friendly, athletic competition among colleagues while enjoying goodwill, fun and camaraderie in a social atmosphere." This is a fun event, and all levels of runners from the serious, to the recreational jogger, to the speedy walker are welcome. After the race, many teams bring along some refreshments and enjoy an evening on the Common along with all the other teams and spectators.

Last year we fielded our first official ChemE team of 18 runners, and everyone had a great time. In 1997, there were over 10,000 runners from all over Massachusetts and the northeast.

This year, we participated in our second Corporate Challenge. We fielded a team of 12 runners and after 2 last-minute withdrawals, we were down to a core of 10. Our team consisted of 7 men and 3 women. This year there were over 12,000 runners total, more than in the Boston Marathon. If you can imagine the sight, 12,000 runners over 3.5 miles looks like the streets have become a river of people. It is an amazing sight with all the runners cheering and running through downtown Boston. The winning men's time was unofficially 17 minutes 15 seconds, and the winning woman's time was unofficially 19 minutes 4 seconds. While we were not in contention to win any prizes (New Balance and Reebok both have offices in Massachusetts), everyone who participated had a great time. The best ChemE times were posted by Sandeep Patel (21:30) for the men and Rebecca Carrier (30:59) for the women. Other ChemE's who participated were Shahin Ali, Matthew Dyer, Deborah Hyams, Darren Obrigkeit, Talid Sinno, Stephanie Stine, Pat Walton and Tom Wang. Thanks to Janet Fischer who came along to provide support and take the team photo. Also, thanks to the Chemical Engineering Department which provided sponsorship to partially defray the cost of the entry fees, and to Maria Nargi who took care of the paperwork for the sponsorship.

Everyone had a great time and hopefully participating in the Corporate Challenge will become a tradition in the ChemE Department, and we encourage even more participation next year.

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Graduate Travel/Study Opportunities

MIT Japan Program

A Chemical Engineer in Japan

by Mark Eykholt, MIT Center for International Studies

Over twenty Chemical Engineering students have travelled to Japan through the MIT Japan Program.
Some have worked in companies, others in research labs and universities. **Tanya Moy** (MS in ChemEng, '97), is currently an MIT Japan Program intern at Mitsubishi Chemical in Hasaki, a port city along the eastern coast of Japan just a few hours northeast of Tokyo. This is Tanya's second internship with the Japan Program. Recently we talked with her about her experience.

*Tanya, what sparked your interest in Japan?*

I watched a lot of Japanese animation when I was growing up and became curious about Japan. Once at MIT, I started taking Japanese language classes and then joined the MIT Japan Program for a three-month internship in the summer of 1995. It was a great experience. However, my three-month stay wasn't enough. I decided to return for another year.

*What led you to choose the MIT Japan Program?*

I was told that the program would provide sufficient training and financial support as well as locate internships in Japan for students. I attended the orientation for the program and it sounded quite interesting so I decided to join.

*Did the MIT Japan Program help you prepare?*

I learned a lot about the details of living in Japan that I might not have found out elsewhere. My awareness of Japanese social structure expanded and I was able to combine different perspectives, and act accordingly.

*Were there other services that you found helpful?*

I found a language partner through the Japan Program in my junior year. We met about once a week to exchange ideas, learn about each other's culture, and to just be friends and chat.

*Please talk a bit about your current project at Mitsubishi.*

I am developing a delivery system for a protein drug that will be used for various liver disease treatments. In my work I have been able to characterize and modify the polymer used in our drug carrier system, confirm the interaction between the drug and its carrier, and optimize the reaction conditions for drug entrapment. The results so far have been very positive. I am looking forward to starting the in vitro experiments soon to study the drug release behavior in animals.

*What is your work environment like?*

We are located in a new building and the working environment is wonderful. People in my lab are always busy during working hours. However, I usually find time to chat with them in the mornings or during lunch and dinnertime. We go out for parties about once a month. Those parties are a lot of fun.
We talk, drink, sing karaoke, and play games. The company also offers sports events. On Sundays, I sometimes play tennis with people from work. I also got together with a group of people from lab and went skiing twice this winter.

*What do you like to do in your free time?*

I like going places, so I spend many weekends travelling. Also, I have finally found time to read the books that I didn't have time for while at MIT.

*Are your Japanese language skills sufficient for your needs?*

In the beginning I was completely overwhelmed by the Japanese-only environment. However, I have found that this kind of environment is the best for learning because there is no alternative. My Japanese language skills are now sufficient for most of the things I need to do.

*What are your plans when your internship is over?*

I am planning to go back to San Francisco and find a job in the Bay Area working as a process engineer in the pharmaceutical or possibly semiconductor industry. I may need some help from the MIT Japan Program in my job hunting process.

*Do you expect Japan and this experience to play in role in your future?*

Definitely.

For more information contact the Director of Intern Programs: Phone: (617) 258-8208
E-Mail: japanprogram@mit.edu
URL: http://www-japan.mit.edu/mitjapanprogram/

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**Graduate Award Opportunities**

**Student Awards in Electrochemical Engineering and Applied Electrochemistry**

The Industrial Electrolysis & Electrochemical Engineering Division offers two awards to students engaged in research in the fields of electrochemical engineering and applied electrochemistry. The H.H. 

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Dow Memorial Student Achievement Award has been endowed by The Dow Chemical Company Foundation in honor of H.H. Dow, a prolific inventor and tenacious businessman. H.H. Dow was one of the principal organizers and a charter member of The Electrochemical Society. The Division also sponsors a Student Achievement Award.

Each award shall consist of an appropriate certificate as well as a check in the amount of $1,000 payable to the recipient. The awards shall be given each year, provided that qualified applicants are available. Either award is to be used to pay for expenses associated with the recipient's education or research project: tuition books, equipment, or supplies.

To be eligible to receive an award, candidates must be enrolled in a college or a university as a graduate student or have been accepted for enrollment. The application for the award must include

1. Transcripts of all post-secondary school academic work
2. A description of the research project to be engaged in during the next year (Maximum length: 2 pages, double-spaced)
3. A statement which describes the relationship of the project to the field of electrochemical engineering or applied electrochemistry
4. A biography, resume or curriculum vitae
5. A letter of recommendation from the applicant's research supervisor

No application form is necessary. Each applicant will be considered for both awards.

Award recipients shall be notified by the Chairman of the Industrial Electrolysis and Electrochemical Engineering Division by November 30, 1998. Recipients shall be requested, as a condition of the award, to submit to the Division Chairman a written summary of research accomplished during the year the award was presented. The Chairman will have the option of distributing these summaries to members of the Division or submitting them to the Editor of the Journal of the Electrochemical Society for consideration for publication.

All application materials are to be sent to:
Dr. Richard D. Varjian
The Dow Chemical Company
1776 Building
Midland, MI 48674
Phone: (517) 636-6557
Fax (517) 636-4917
E-Mail: rdvarjian@dow.com

Deadline for receipt of applications is September 15, 1998.

For more about both the H.H. Dow Memorial Award and the Student Achievement Award, visit http://
Post-Doctoral Opportunities

**Plasma-Catalyst Systems: Pacific Northwest National Laboratory** has a position open for a post doctoral research fellow with a joint appointment in the Environmental Molecular Science Laboratory (EMSL) and Material and Chemical Sciences. A Ph.D. in chemistry, chemical engineering, or materials science is desired. The candidate will be involved in a program that is investigating plasma-catalyst systems for reducing NO\textsubscript{x} in diesel and lean-burn vehicle exhaust. Responsibilities will include measuring and interpreting data from a plasma reactor system with a complex mixture of gas species and on-line diagnostics including a mass spectrometer, FT-IR spectrometer, and gas chromatograph. Familiarity with spectroscopy, high-voltage electronics, and chemical kinetics is desirable. The candidate will be a part of a multi-disciplinary team of scientists and engineers from PNNL and industry. The term of the appointment will be one year with the possibility for renewal up to three years.

PNNL is located in Richland, WA and is operated and managed by Battelle for the US Department of Energy. It is one of nine multi-purpose R&D national laboratories performing applied and basic research in the areas of Environmental and Health Science, Energy, Environmental Technology, and National Security.

Interested candidates should email resumes to:
Dr. M. Lou Balmer  
Pacific Northwest National Laboratory  
P.O. Box 999, MSIN K8-93  
Richland, WA 99352  
Phone: (509) 376-2006  
Fax: (509) 376-5106  
E-Mail: lou.balmer@pnl.gov

For more about PNNL, visit [http://www.pnl.gov/](http://www.pnl.gov/)

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**Industrial Opportunities**
Food Rheology Scientist/Engineer

Location: Greater Chicagoland, IL, USA

Attractions: State of the art R&D and process improvement; Blue Chip company; well-capitalized, profitable and international in scope; relocation assistance; starting base salary in mid-five figures, bonus opportunity, and comprehensive benefits.

Qualifications: Prefer Ph.D. in Chemical Engineering, Food Engineering, Food Science/Technology, or Bio/Chemistry, or Biological Systems Engineering MS might be viable if there has been 3 or more years of related experience; food industry experience highly desirable. Citizenship or Green Card required. You must be eligible to work in the US.

To apply contact:
Kent Hedman, Manager
HEDMAN AND ASSOCIATES
3312 Woodford, Suite 200
Arlington TX 76013-1139
Phone: (817) 277-0888
E-Mail: hedman@onramp.net

(File attachments should be in MS Word format only; otherwise, send resume as the body of an E-Mail message.)

Microfluidics Engineer: We seek an engineer or physicist who will assist in defining the design, prototyping, and evaluation processes for our LabCD™ microfluidic systems. You must have a solid understanding of fluid physics and mechanical engineering principles, be able to design using CAD-CAM, be comfortable in a hands-on laboratory environment, and possess an analytical approach to problem-solving, experimental design, and data analysis. The succesful candidate will have course work and practical experience in fluid dynamics and significant experience with analytical and simulation tools. A BS in an engineering discipline or physics is required, an MS desired, along with 5 years experience in an independent work environment. Job Code EM

These positions offer high growth in a challenging, team oriented, dynamic environment. We also offer a comprehensive benefits package, competitive salaries and stock options. Send resume, indicating Job Code in cover letter to:

Gamera Bioscience
Attn: Human Resources
200 Boston Avenue, Suite 1850
Medford, MA 02155
Fax: (781) 306-0837
Materials Development Engineers: CeraMem Corporation is a small contract research company whose "charter" is to develop novel technologies with government funds and commercialize these technologies in new ventures. Its research is highly applied and aimed towards commercialization of novel products and processes in fields that include membrane chemistry and fabrication (ceramic and polymeric), membrane processes (liquid and gas), air pollution control, wastewater treatment, and advanced ceramic materials (e.g., nanoparticles, high-temperature seals, sensors). (Detailed company background is available at [www.ceramem.com](http://www.ceramem.com).)

We seek two materials development engineers with 0 to 5 years of experience: one at the PhD level to serve as a hands-on research group leader on projects primarily involving advanced ceramic materials development (membranes, sensors, and catalytic materials and devices), and one at the MS level with excellent experimental capabilities to execute these projects. Strongly desirable areas of technical expertise include ceramic processing and properties, surface chemistry, sol-gel chemistry, and heterogeneous catalysis. Applicants may have degrees in disciplines including materials science, ceramics, chemical engineering, chemistry or mechanical engineering and should be available to start no later than October 1, 1998. Preferred individuals would be practical, creative experimentalists, have excellent communication skills (especially written), and be self-starting, resourceful, and highly motivated. Please submit applications by mail or facsimile to:

CeraMem Corporation,
Human Resources Dept.,
12 Clematis Avenue,
Waltham, MA 02453,
Phone: (781) 899-4495
Fax: (781) 899-6478
E-Mail: ceramem@ceramem.com
URL: [http://www.ceramem.com](http://www.ceramem.com/)

Genentech, Inc. has the following 2 jobs available:

**Scientist, Pharmaceutical R&D:** Manage the development of new dosage forms/delivery systems for protein drugs from proof of concept to successful manufacturing implementation and regulatory filing. You will also supervise laboratory studies that include the physical and chemical characterization of proteins. Familiarity with small molecule preformulation/formulation development is also desirable. You have a Ph.D. or equivalent in Physical Chemistry, Biochemistry or Pharmaceutical Chemistry; 3-5 years of industrial experience in protein formulation development; and the ability to collaborate in a multidisciplinary group setting.
(Job Code AAPS808)
Scientist/Engineer: This position will report to the Group Leader, Pharmaceutical Process Development, and consists of performing laboratory experiments and conducting scale-up sterile filtration, aseptic filling, and lyophilization from laboratory bench scale to large scale manufacturing. He/she will work with manufacturing staff and formulation scientists to identify and resolve physical/biochemical issues encountered in the manufacturing of protein drugs.

Requirements: MS degree in Chemical Engineering or Bioengineering with at least 5 years industrial experience or a Ph.D. in Chemical Engineering, Bioengineering or Pharmaceutical Technology. Good verbal/written communication skills, the ability to interact/collaborate in a multidisciplinary group setting, and mechanical knowledge and aptitude with aseptic filling/finishing and lyophilization equipment are highly desirable.
(Job Code AAPS415)

To apply for either of the above two positions, send your resume, indicating with the Job Title and Job Code to:

Genentech, Inc.
Human Resources
P.O. Box 1950
South San Francisco, CA 94083-1950

For detailed instructions on how to apply for these and other positions with Genentech, visit http://www.gene.com/Career/apply.html

Academic Opportunities

Associate/Assistant Professor (1): The Department of Chemical Engineering at the University of Arkansas/Fayetteville is seeking candidates for the position of Associate or Assistant Professor. This is a tenure-track position, available in January 1999. The campus of the University of Arkansas is located in the foothills of the scenic Ozark mountains. The area offers outstanding cultural and recreational opportunities.

The Chemical Engineering Department is ABET-accredited and has approximately 300 undergraduate and 30 graduate students. There are 16 full-time faculty members.

This is a key position that offers leadership opportunities in shaping the direction of membrane science
and engineering research and instruction. This person will work within the newly-formed Membrane Separations Center and will be responsible for developing an externally funded research program in the membrane field. While the Center's charter is broad enough to cover any facet of membrane science, the focus is related to applications in the biotechnology, pharmaceutical food, waste and water treatment industries. The person will be expected to attract and advise graduate students, to develop and teach graduate-level courses, and to teach undergraduate courses in chemical engineering science.

A Ph.D. in chemical engineering or related field with a dissertation, expertise and publications in membrane science is required. Some industrial membrane experience would be a plus.

Applications will be accepted until September 30, 1998 or until the position is filled. Applicants should submit a letter of interest, curriculum vitae, transcripts, and names of three references to:

Robert E. Babcock, Professor and Head
Department of Chemical Engineering
University of Arkansas/Fayetteville
3202 Bell Engineering Center
Fayetteville, Arkansas 72701
Phone: (501) 575-4951
Fax: (501) 575-7926
E-Mail: reb@engr.uark.edu

For more about UArk's College of Engineering, visit http://web.engr.uark.edu/

Research Scientist: The Polymer Institute of the University of Detroit Mercy is seeking a tenure-track research faculty member. A Ph.D. in Chemical Engineering or closely related field is required for a position at the rank of research scientist. Most of the research funding is directed toward polymer science and engineering; consequently, prior research experience with polymeric materials is essential.

The Polymer Institute is a unit of the College of Engineering and Science. The Institute conducts over $1M in funded research annually, many of the projects are directed toward polyurethane materials and automotive applications. Close cooperation exists between the Institute and Chemical Engineering. Most graduate students working in the Institute obtain degrees in Chemical Engineering, and research scientists within the Institute frequently teach polymer-oriented courses within Chemical Engineering. Appointments in Chemical Engineering are available for those teaching in the Department.

Primary responsibilities will be conducting research and supervising graduate students on research projects. Writing proposals, initiating new research projects, working closely with industrial sponsors, and teaching polymer-oriented courses will be expected.

We have a strong affirmative action program and encourage those from underrepresented groups to apply.
Please send a resume, a list of three references, a description of recent or planned research, several recent publications, and a description of any teaching experience to:

Dr. Kurt C. Frisch, Director
Polymer Institute
University of Detroit Mercy
P.O. Box 19900
Detroit, MI 48219
Phone: (313) 993-3378
FAX: (313) 993-1187
E-Mail: prentiga@udmercy.edu

For more about UD Mercy's Polymer Institute, visit [http://eng-sci.udmercy.edu/polymer/index.html](http://eng-sci.udmercy.edu/polymer/index.html)

**Assistant Professor: Michigan State University Department of Civil and Environmental Engineering (CEE)** invites applications for a nine month (AY) tenure-track assistant professor position in environmental engineering with specialization in environmental microbiology, biological processes or environmental biotechnology. A Ph.D. in civil/environmental engineering or a closely related discipline is required. Candidates with appropriate experience and past performance may be considered for an associate professor position. Women and minorities are strongly encouraged to apply.

The successful candidate will be expected to teach environmental engineering courses, advise graduate students, and develop a sustained research program. There are numerous opportunities for collaborative research involving several field remediation projects and three federally-funded research centers: the Center for Microbial Ecology (NSF), the Superfund Basic Sciences Research Center (NIEHS), and the Great Lakes and Mid-Atlantic Center for Hazardous Substance Research (EPA). In addition, there are opportunities for international activities through ongoing collaborations in several countries, and for development of innovative teaching methods under a Department of Education grant. Cross-disciplinary collaboration is especially encouraged, and MSU has one of the largest faculties in the broad area of environmental sciences and engineering in the country.

The position is available immediately; early applications are encouraged. Applications will be accepted until the position is filled.

Please submit a letter describing research and teaching interests, a detailed resume, graduate transcript, and the names and addresses of three or more references to:

Prof. David C. Wiggert, Chairperson
Environmental Engineering Search Committee
Department of Civil and Environmental Engineering
A124 Research Complex-Engineering
Tenure-Track Faculty (4): The Department of Chemical Engineering at Cleveland State University invites applications for four tenure-track faculty positions. The appointments will be at the Assistant or Associate Professor level, with salary commensurate with experience. Responsibilities involve teaching at the undergraduate and graduate levels, supervision of graduate research, obtaining external funding, publishing research results and participation in faculty governance. The minimum qualifications for three positions are: a Ph.D. in Chemical Engineering. The successful candidate is expected to complement existing research strengths and expertise.

The minimum qualifications for the 4th position are: Ph.D. in Chemical Engineering, Biomedical Engineering, or a related field; and research experience in the field of Biomedical or Biochemical Engineering. The successful candidate is expected to participate in instructional and research projects as part of the new collaboration with the Biomedical Engineering Department of the Cleveland Clinic Foundation.

Please send a letter of application, statement of teaching and research interests, and current resume, including names, addresses phone numbers, and E-Mail addresses of at least three references to:

Prof. Orhan Talu  
Chemical Engineering Faculty Search Committee  
Cleveland State University  
1960 E. 24th Street  
Cleveland, OH 44115-2425  
Phone: (216) 687-2569  
Fax: (216) 687-9220  
E-Mail: talu@csvax.csuohio.edu

For more about CSU, visit http://www.csuohio.edu/

Assistant/Associate Professor: The University of Cincinnati seeks to fill tenure-track position in Chemical Engineering at the Assistant or Associate Professor level starting September 1, 1998. A Ph.D. in Chemical Engineering is required. Responsibilities include teaching at both the undergraduate and graduate levels of chemical engineering and establishing a high quality, funded research program in interfacial or materials engineering. Consideration of applicants is ongoing and applications will be evaluated until the position is filled. U.S. citizenship or permanent resident status is desired. Applicants
should submit a curriculum vitae, including publication list, a statement of teaching and research plans, and names of three references to:

Prof. Sun-Tak Hwang, Chair  
Faculty Search Committee  
Department of Chemical Engineering  
University of Cincinnati  
P.O. Box 210171  
Cincinnati, OH 45221-0171  
Phone: (513) 556-2791  
Fax: (513) 556-3473  
E-Mail: shwang@alpha.che.uc.edu

For more about Chemical Engineering at UC, visit [http://www.chemical.uc.edu/](http://www.chemical.uc.edu/)

**The University of New South Wales (Australia)** has two positions:

1. **Lecturer/Senior Lecturer:** Applications are invited for a newly created position in the School of Chemical Engineering and Industrial Chemistry, of the University of New South Wales Australia. The School has an outstanding record in undergraduate and postgraduate teaching with strong links to the Process Industries.

   We seek a high calibre Chemical Engineer with a Ph.D. and preferably some experience in industry and/or business. The successful applicant will be expected to pursue active research in their chosen field as well as coordinate teaching in Process Control and Design. Previous teaching experience is an advantage, but not essential. Applicants must also have the capacity to implement EEO/AA policies and principles.

   Salary range for a Lecturer is A$47,260 to A$56,122 per year and Senior Lecturer is A$57,892 to A$66,754 per year depending on qualifications and experience. The Faculty encourages academic staff to undertake limited industrial consultancy. Membership of an approved University superannuation scheme is a condition of employment. People from EEO groups are encouraged to apply. The University reserves the right to fill the position by invitation or not fill the position.

   Enquiries about this position may be directed to:

   Professor David Trimm, Head  
   School of Chemical Engineering  
   The University of New South Wales  
   Sydney 2052
2. **Associate Professor:** Applications are invited for appointment to the newly created position of Associate Professor within the School of Chemical Engineering and Industrial Chemistry. The position is tenured. The School of Chemical Engineering and Industrial Chemistry is the largest of its kind in Australia with 18 Academic Staff and in excess of 400 undergraduate and about 80 postgraduate students. It is one of the nine schools in the Faculty of Engineering. The School has major research activities including Catalysis, Environmental Technology, Membrane Technology, Minerals and Energy, Process Modelling, Reactor Engineering, Supercritical Fluids, Electrochemistry and Polymers. The School offers two undergraduate degrees, one in Chemical Engineering and the other in Industrial Chemistry, as well as postgraduate course work Masters. It has first class infrastructure for both teaching and research.

The successful candidate will be expected to provide academic leadership in the School's research and teaching programs, contribute significantly to the research profile and coordinate undergraduate teaching in Process Control and Design. Candidates should have a Ph.D. in Chemical Engineering and an outstanding track record in research including successful supervision of postgraduates and obtaining grant awards. The candidate's field of research would preferably be in Modelling and Computer Applications in Chemical Engineering. It is also desirable, but not essential, that the candidate has industrial experience. A capacity and willingness to implement and/or develop EEO/AA policies and principles is essential.

Salary range is A$69,707 to A$76,795 per year depending on qualifications and experience. The Faculty encourages academic staff to undertake limited industrial consultancy. Membership of an approved University superannuation scheme is a condition of employment. People from EEO groups are encouraged to apply. The University reserves the right to fill the position by invitation or not fill the position.

Details of the position together with conditions of appointment and application procedure, are available from: Gordon Newell
Human Resources Department
The University of New South Wales
Sydney NSW 2052
TEL: (011) 61-02-9385-1161
FAX: (011) 61-02-9662-2832
E-Mail: g.newell@unsw.edu.au

For more about Chemical Engineering at Univ of NSW, visit [http://www.ceic.unsw.edu.au/](http://www.ceic.unsw.edu.au/)
Assistant/Associate Professor: The Department of Chemical Engineering at the University of North Dakota invites applications for a tenure track Assistant/Associate Professor position available as early as August 16, 1998. Candidates must have an undergraduate degree in Chemical Engineering or comparable preparation and an earned doctorate in chemical engineering or closely related field. Interest in teaching core chemical engineering courses is necessary, and preference will be given to a candidate having interest in materials science. Student learning is the department's top priority, and there is a congenial and professional environment for students and members of the staff and faculty. Current research interests in the department include multiphase heat and momentum transfer, process modeling and control, bioremediation and flow in heterogeneous porous media. Criteria for selection: promise of excellence in undergraduate and graduate teaching, potential to develop independently funded research program and to assume department leadership, and a mix of skills and interests that complements department faculty. Applications accepted until position filled; screening will begin immediately.

Applicants should send an application letter, a resume, a statement of teaching interests, a statement of research interests, and the names and addresses of three references to:

Faculty Search Committee
Department of Chemical Engineering
University of North Dakota
Box 7101
Grand Forks, ND 58202-7101
Phone: (701) 777-4244
Fax: (701) 777-4838
E-Mail: tom_owens@mail.und.nodak.edu

To learn more about the University of North Dakota, visit http://www.und.nodak.edu/dept/sem/chemical.eng/

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The Final Word

As many of you may now be aware, Professor Hoyt C. Hottei, Emeritus whose association with MIT ChemE spanned generations, died last night, at his home surrounded by family.

I was fortunate to have had some contact with him, through historical research interviews and informal tutoring sessions on the use of his new Macintosh computer.

He was generously forthcoming in agreeing to meet with me to discuss departmental history, and
provided fascinating and lucid recollections, particularly about his years in the Practice School, during the mid-1920's.

I know that his loss will mourned by many, and wish his family, friends and colleagues peace in the wake of his passing.

Thanks To...

Shahin Ali, Prof. Armstrong, Elaine Aufero, Joan Chisholm, Mark Eykholt, Janet Fischer, Josh Freedman, Tanya Moy, Carol Phillips, Emmi Snyder and Prof. Ying for their contributions to this month's Course X News!

Submissions for the Course X News should be sent to:
Gregory Sands
Assistant for Publications, Payroll & Fellowships
MIT Administrative Services, 8-328
77 Massachusetts Ave.
Cambridge, MA 02139
E-Mail: gsands@mit.edu
Phone: (617) 253-0949
Fax: (617) 253-9894