

The Reactor, special edition

Early Fall 1996

The Oregon State University AIChE Student Chapter Newsletter

A Word Of Welcome From the President

Hello again! It's hard to believe the summer's over already, but cheer up! AIChE has lots planned for you to make sure you never have a dull moment! We'll take you to the best mills, plants, and corporations in Oregon, dazzle you with demos on paper and plastic, hold you spellbound with summer internship (tall) tales. But wait! There's more! You'll rub elbows with the coolest ChE pros, sink your teeth into succulent pizza and barbecue, and dress in fashion with the latest ChE T-shirts and sweats. I'm really looking forward to meeting all of you and seeing you in our upcoming events. Remember, AIChE is YOUR club. YOU are what make our events successful (and thus our lives meaningful). So, I want to encourage you to always share your ideas (and gripes) with your reps. Remember: success depends on the second letter!

Dr. Skip's Corner

Welcome to the '96-'97 Academic Year

On September 30th the bells chimed to signal the start of a new and exciting year at OSU and in the Chemical Engineering Department! Let me take this opportunity to introduce myself. I am Dr. Skip Rochefort (hence the name of the column), and I am the OSU AIChE Student Chapter Advisor. My office is in Gleeson 205, so if you have any questions about AIChE, and especially if you want to join or participate in activities, please feel free to stop in and see me. I particularly welcome Freshman and Sophomore students who might not be too familiar with AIChE and the benefits it has to offer to their present activities (which classes to take and from whom, where to get help with specific classes, etc.) and future careers (networking!) The Student Chapter is what the STUDENTS make it. It can be a lot of fun, and it can be beneficial and a learning experience too! I would urge you to be active in the Chapter and take advantage of the numerous plant trips, speakers, and PIZZA feeds that occur. This is your chance to meet other (more experienced) students, faculty, and industry people in an informal and friendly setting. Networking is a "buzz word" for the 90's, and networking is what the Student Chapter is about. SEE YOU AT THE NEXT STUDENT CHAPTER FUNCTION!

ChE Undergraduate Laboratory Funding Drive -- WOW!

If you walk through the "Bay areas" of Gleeson Hall (south side) you will notice a lot of activity taking place. This is the renovation and upgrading of our undergraduate laboratories -- which will benefit each and every one of you, as well as the many that will follow in your footsteps. This will include new facilities (walls, hoods, lighting, etc.), new experiments, and a "one-of-a-kind" pilot scale Printed Circuit Board (PCB) laboratory on the basement level (check out all the new "boxes" of equipment!). The PCB laboratory effort is headed by Dr. Milo Koretsky and has received a lot of moral and financial support from MERIX Corp., a PCB manufacturer located in Forest Grove, OR. MERIX has also been a strong supporter of the AIChE Student Chapter for several years -- and a consistent employer of OSU ChE's!

Since the State of Oregon does not provide funds for such endeavors, the ChE faculty took it upon themselves to generate funding for these improvements. In early August a letter and brochure announcing the funding drive for the improvement of the ChE Undergraduate Laboratory was sent to over 1600 alumni and friends of the OSU ChE Department, with a stated goal of raising \$375,000 by June 1997!

I am very pleased to announce that as of mid- September we had already raised nearly \$60,000 from this funding drive!!!!

We are certainly grateful to our generous alumni (and YOU should be too!). It really shows that our graduates have "fond memories" of the years at OSU, and that makes it all worthwhile!

Awards and Scholarships

OSU ChE students continue to make their name on a national level by winning a number of prestigious awards. The following is a list of recent award winners:

- **1996 AIChE National Scholarship (\$1000):**

NEDA VUKMIROVIC.

Only fifteen (15) of these scholarships are given out nationwide. Neda is the third OSU ChE student in a row to win this prestigious award. It goes to show just how GOOD our students are!

- **1996 AIChE Donald F. Othmer Sophomore Award for Academic Excellence:**

DANIEL DOBRY.

This award is given each year to student with the highest GPA after their sophomore year. Dan topped the field with an impressive 3.94 /4.0 GPA.

- **1996 Robert V. Mrazek Memorial Scholarships (\$1000)**

Given to two chemical engineering students with good academic records that have been involved in community or service activities outside of chemical engineering:

RICHARD OSBURN and DAVID MEADS.

- DANIEL EUHUS: This sophomore-to-be won so many scholarships that he will now be making more money than most faculty! Although he had only completed his freshman year, Dan was hired as a summer intern at James River Corp. and will continue to work on a part-time basis during the school year. He was married August 31st -- so maybe he does need all these scholarships! TAPPI Pacific Section Tuition Scholarship (\$1000) **TAPPI Paper and Board Manufacturers Scholarship (\$1000)**

U.S. Space Grant Scholarship (\$1000)

Chemical Manufacturers Association Scholarship (\$2500)

Longview Fibre Scholarship (\$1575)

- **Barry M. Goldwater Fellowship:**

NANCY ELDIN.

Nancy is the first OSU engineering student and one of the few ChE's in the country to win this national award (only two given per state), which is given for outstanding accomplishments and potential for future contributions to science and engineering education. Along with national recognition for Nancy and the OSU ChE program, the Goldwater Fellowship provides full tuition, fees, room and board for Nancy to finish her undergraduate degree.

Dr. Skip's Tidbits:

- **TAPPI and TAPPI Scholarships:** The other "hat" I wear is as TAPPI (Technical Association of the Pulp and Paper Industries) Student Chapter Advisor, and I would like to take this opportunity to tell you a little bit about the OSU chapter. The chapter is small and has a large overlap with the AIChE membership, so as many activities as possible (plant trips, speakers, etc.) are jointly sponsored. However, TAPPI is still a separate organization and we would like to recruit new members who might have an interest in the Pulp and Paper industry, and in staying in the Pacific Northwest to work! As an incentive, the Pacific Section TAPPI, an organization of the local P&P industry, each year donates scholarship money to OSU, to be given out to TAPPI student members who are interested in careers in Pulp and Paper. Pacific Section TAPPI scholarships were given to six students in the Fall quarter, and more scholarships will be available only to TAPPI members in Winter quarter. Another benefit is the large amount of TAPPI national scholarship funds available to TAPPI National Student members. Please contact TAPPI President Dan Euhus (euhsd@ucs.orst.edu) or see me for applications to become a TAPPI national student member.
- **AIChE Tutor Program:** The Student Chapter has a tutor program for Chemical Engineering, ENGR, and some

Chem classes, starting with ChE 211 and going up to senior level classes. These are student volunteers who are willing to spend some "reasonable" amount of time helping fellow engineering students find the "missing link". If you are in need of help, or would like to volunteer to tutor for a course, please contact Nathan Dunn (dunnn@ucs.orst.edu) or Andy French (frencham@che.orst.edu).

- **AIChE National Student Paper Competition:** If you are planning on attending the national AIChE meeting in Chicago in November, remember that NEDA VUKMIROVIC will be representing the Northwest Region in the National Student Paper Competition. The session is Monday morning -- check your program for the listing and if you have time stop by to see Neda's award winning presentation. Clap loudly -- that always helps sway the judges!!
- **Student Internship Coordinator:** Dr. Milo Koretsky, who currently is the ChE advisor for the MECOP program, will be wearing the additional hat of undergraduate internship coordinator. He will be establishing a Home Page for engineering internships which will be accessible to all students AND companies. This should be available by the end of Fall quarter. If you know any companies that are interested in having a ChE intern at any level (Fr - Sr) and for any length of time (3 mo., 6mo., part-time, etc.), or if you are interested in the highly successful MECOP program, you may contact Dr. Koretsky (koretsm@enr.orst.edu, 737-2548).
- **Coordinator of Outreach Programs:** Dr. Skip Rochefort will be assuming the new position of coordinator of high school recruiting and K-12 outreach programs. The department will begin doing more outreach to the schools in the Corvallis area, primarily through the AIChE and TAPPI Student Chapters. In addition, we will be looking for high school students and science teachers at all levels to participate in various summer research and course development programs. If you know someone who would like a "visit and demonstration" from ChE students in their classroom, or would be interested in the summer programs, please have them contact me. New High School recruiting brochures will be available shortly.
- **OSU ChE Dept. T-SHIRTS AVAILABLE at DISCOUNT PRICES!!!** The T-shirt features the famous (infamous?) "witches brewing" graphic used by Octave Levenspiel in the Chemical Reactor Omnibook, along with the company logos of several local companies which have made donations to the AIChE Student Chapter -- CH2M Hill; Pope and Talbot Paper Mill; Merix Corporation; SEH America; Chevron; Fujitsu. We wholeheartedly thank these sponsoring companies. T-Shirts come in L, XL -- gray or white -- long (\$10) or short (\$8) sleeve (boy, what options!). Contact Dr. Skip Rochefort if you would like to buy a T-Shirt.



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