We would like to thank all of our speakers this semester and their companies:

AIChE Receives StuCo Funding
By: Joshua Bunch
Fall ’05 AIChE EAC

One of AIChE’s goals at the beginning of this year was to gain funding through Student Council. As the External Activities Coordinator (EAC), this assignment was luckily delegated to me (wooo hooo). Not knowing much about the process, I began to search and also began to learn just what I had gotten myself into.

The application was completed in the face of the looming due date with the help and advice of a few of the other officers. Along the way, much was learned about the financial activities of AIChE and the relevant bylaws of Student Council. With only minutes to spare, the application was successfully submitted on time.

The final step of the funding process was the presentation of the applications at a Student Council meeting. Upon arriving to the meeting, I learned we could request funds for lodging at events such as AIChE Nationals. Somehow lodging does not fall under the expense category of “trips”. Anyway, this was great; we were now able to request $600 more. Erin Hayden, a fellow officer, successfully increased the requested amount to a total of $825, which was subsequently approved. This marked the end of my exhilarating assignment. In the end, AIChE received money for speakers’ gifts, the AIChE Trivia Night, and lodging at AIChE Nationals.

I would like to thank Student Council for their financial generosity, and I would like to thank my fellow officers for an exciting semester.

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This semester has seen some new developments in the UMR AIChE chapter. One initiative was to develop more fundraising events. Officers have worked on trying to get donations for prizes in these events with some success. The two events that we have created are Trivia Night and the Bowling Tournament. The Trivia Night was a very fun event and hopefully we will have an even larger turnout next year.

Our speakers this semester have been very diverse and represent a broad spectrum of the careers that chemical engineers may achieve after graduation. Topics ranging from medical school to systems management have been represented this semester and it has been my personal goal to continue this legacy.

This year we sent a group of AIChE members to the annual national AIChE meeting to develop interest in participating and competing at this level in the future. I hope the new officers will push the chapter to develop student presentations, create research posters to present and compete with, and also that our ChemE car team develops further. Everyone who went to nationals was on a fact finding mission to help jump start our chapter’s national performance which has lost its place as being one of the top chapters in the nation over the last few years. I can confidently say that with the experiences everyone gained and the drive of the younger members; we should be off to a good start.

One of the most significant developments to have come out of the national trip is a much stronger connection with the “local” professional chapter in Saint Louis. This is considered one of the biggest challenges facing the national AIChE membership due to the lack of communication between the student and professional chapters. We have already begun to see the two interact more and communication is better now between the two chapters than it has been since I have begun taking officer positions two years ago. Yet again, I challenge the new officers to further develop this useful asset of our organization.

Around the department AIChE has been doing well with a membership of 70+ students. The continued strong membership in a relatively small department helps illustrate the degree of participation and importance that AIChE represents. It is my hope that in the future more of the faculty can come to participate and interact with the student chapter. Overall we have had a good semester and are looking forward to a prosperous future for the student chapter with greater interaction between the faculty and our professional chapter to provide a more beneficial experience for the membership of our organization.
### Faculty Involvement

Erin Hayden

It has been my personal goal to see more faculty involvement in our AIChE chapter. We have done a great job at increasing our student membership to over 70 voting members and I hope to continue this trend to the faculty. This semester shows some promise towards this goal. During our first ever Trivia Night fundraiser Dr. Forciniti and his wife came out to challenge Dr. Ludlow and our department secretaries, Marlene Albright, Tealok Ray, and AJ Morris. On the Forciniti team were also the newest additions to the faculty, Dr. David Henthorn and Dr. Kim Henthorn. These two couples dominated that night during the intense eight rounds of questioning. I think some of the students were upset to learn that their teachers do know more than them. We have also seen regular attendance from Dr. Ludlow, Dr. Forciniti, and Dr. Raper, who still brings the hardest questions to the presenters, at our bi-monthly meetings. We even got a surprise visit from Dr. Mollenkamp who is not teaching this semester but who we hope will be back very soon! With the exciting things our chapter is hoping to accomplish next semester I hope to see even more faculty involvement and participation.

### AIChe Nationals 2005

By: James Moynihan  
Treasurer Fall 2005

The 2005 AIChe National Meeting was held during October in Cincinnati, OH. Six student members attended the convention including Kris Schmoll, Jason Hartman, Matt Stage, Christina Gramlich, Elizabeth Abrams, and myself. The city was full of fun and adventure; including a historic suspension bridge build in 1866 by John A. Roebling.

During our stay we attended many presentations by professionals from industry and other chapters from across the country. We also watched the Chem-E Car competition trying to take away valuable information for our next attempt. During the evenings we went out and saw the city and met its people. Dr. Raper and Dr. Ludlow also treated us to dinner of Scottish fare. The opportunity to have a conversation with your teachers in a non-classroom environment is a rare and enjoyable experience. The convention was concluded with a meet and greet where all the professionals and students got together in an informal setting.

Some of the benefits the students enjoyed included the opportunity to network with professionals and students alike. Rolla is not the only engineering school and it is very interesting to meet your counterparts from across the country. It was said that the number of convention attendees represented approximately 1/3 of the graduating chemical engineers for a whole year. The likelihood to meet a future co-worker is very high. I also enjoyed learning about the other AIChe chapters and how the students ran it; what programs they put on and speakers they get.

After the convention, we had a few plans for our own chapter. We would like to see greater faculty involvement and student participation. We should definitely give a presentation at the next national meeting. I would like to call out anyone interested to help us make our next Chem-E Car for regionals this April. I am assured we could do very well in the competition and bring some pride and recognition back to Rolla where it belongs. Lastly, Rolla will be the host of AIChe regionals in April of 2007. Planning for this event needs to be started before the end of spring semester 2006.

This is a very exciting time for our department and our AIChe chapter. Great things can be accomplished with a little effort and determination. Let’s take some pride in ourselves and our profession.
The Ghost of AIChE Past
by Claire Lehman

As historian, I have been charged with the task of sorting through hundreds of pictures and slides from years past and turning them into digital files. After hours of organizing, grouping by time period, and scanning, I began to notice some definite differences between AIChE then and now.

Since these pictures date back to the 1960s, clearly some styles have changed since then. No longer does anyone show up to conferences wearing plaid pants with a suit jacket—it might be more interesting if they did. And yes, it seems the days of men wearing shorter shorts then the women have also passed. I was struck by more than just these stylistic differences in looking through all those pictures.

The picture box contained a ton of photos taken right before general meetings in Schrenk G-3. Every single seat was filled. The same trend follows for the outings, softball, and picnic pictures. Alumni, professors, and current students filled up several pavilions at the park. While our current AIChE chapter is doing very well, there just isn’t this same level of involvement.

So, you might be thinking, “How does this pertain to me?” Well, as AIChE members, it is our duty to make out chapter the best it can be. Get involved! If there is some event you would like to see AIChE do, suggest it and then volunteer to help out. Bring all of your friends to the meetings and hang out in the Unit Ops lab for awhile talking with other members after the meeting. Join one of the committees AIChE has to offer and show up at the outings. If we all try to get involved just a little bit more, we can make AIChE an even better and more fun organization. And that is the message from the ghost of AIChE past.

If you have any suggestions on speakers, know a company that would like to come and speak at a meeting, or if you would like to speak at a meeting, please email any information to aiche@umr.edu or the FS05 president Kristopher Schmoll at kas500@umr.edu. Please contact AIChE as soon as possible if you are interested.

TRIVIA NIGHT
Elisabeth N. Dowil
Vice President

On October 18, 2005 AIChE held its 1st Annual Trivia Night at the Southwestern Bell Cultural Center. The night consisted of 8 categories, 10 questions per category. Each officer was responsible for writing the questions and finding the answers for one category. The categories were: Celebrity Gossip, Art, Science, Entertainment, Geography, Numbers, UMR Info, and Potpourri. For the first year turnout was great with 21 participants and 8 of them being faculty. Local businesses showed their support by donating door prizes and Student Council funded the 1st place prize of $50.

The evening was full of challenges and laughter. The winning team consisted of four faculty members, proving it does pay to stay in school. In the words of one participant, “We all had a blast and loved the categories and questions - can’t wait for the next one. Great job and thanks again for a few hours of fun and laughter!!!!”
I thought it would be interesting to show an article from a past newsletter to remind of the good things AIChE has done in the past.

Book Pitches Faculty To Victory

by Alan Levy & Kari Woods

AIChE held the Third Annual Professional Society Softball Challenge on Saturday, April 8 at the Berjuan Sportsplex. The tournament was a double elimination challenge with teams representing five professional societies and one representing UMR faculty.

Unfortunately, the weather wasn’t what you might call “springy”, but the players toughed it out and gave it their all. As in the past, the faculty team took top honors and walked away with medals and a team plaque. Chemical Engineering professor Dr. Neil Book led the faculty team to their victory as the outstanding pitcher of the day. Second and third places were held by ASCE and AIChE respectively. AIChE would like to thank all the teams for participating. The professional societies represented this year were AIChE, the American Society of Civil Engineers, the Society of Mining Engineers, the American Institute of Aerospace and Aeronautics, and the Formula Car.

AIChE also wishes to thank all the businesses that showed their support for the softball tournament. Sponsors included: Beverage Mart, Dr. Gary Green, Investment Realty, Kent’s Jewelry, Lee’s Chicken, Missouri Mentoring Partnership, Route 66 Bicycles, St. Louis Bread Company, Alex’s Pizza, and University Book & Supply. All proceeds, around $100, will go to the American Red Cross of Rolla. A special thanks goes out to Kari Woods for her leadership in pulling the tournament together and the Rolla Parks Department for their assistance.
A Word From the Secretary of Drinking Affairs
Mark Cox

This semester has been very busy for the Secretary of Drinking Affairs. Members of AIChE have enjoyed a broad variety of sodas, and with research being conducted in the area of soda resources development next semester should be no different. Thanks are in order to the Pepsi-Cola Bottling Co. of New Haven, MO, and all others who helped with donations. Stay tuned next semester for more hilarious presentations and drinks.

Cheers!

AIChE T-shirts

AIChE is selling t-shirts as one of this semester’s fundraisers. The shirt is royal blue with white lettering and a red AIChE logo. If you would like to support AIChE by purchasing a t-shirt, please contact the AIChE officers at aiche@umr.edu.

Top 10 Reasons Why I Became A Chemical Engineer

9. I thought plant design was a botany course.
8. To take open book, open note exams and still fail.
7. Arts and Sciences majors need to work for someone.
6. I thought fugacity was an Irish liquor.
5. Chem E’s do more after midnight than most people do all day.
4. Who else is going to distill EtOH?
3. Chem E’s know how to get 30 feet of net positive suction head.
2. Chem E’s spend all their breaks in Aspen.
1. What other job would allow you to buy strippers in the workplace?