



The Lobby

Published by ASME

December 2007

A newsletter for the students, faculty, and staff of the Mechanical Engineering Department at the University of Wisconsin-Madison

Outreach Activities Galore

By Rebecca Hager

Outreach Chair

The past month has been a busy one for outreach activities as ASME officers and members alike participated in Girl Scout Badge Days and Habitat for Humanity build days. They were also starting to mentor high school students through the Science Olympiad program.

Every semester, ASME helps SWE with their Girl Scout Badge Day for 4th-6th grade Girl Scouts by leading one badge. This semester ASME members taught girls about friction, surface tension, optical illusions, and environmental health through hands on activities on two Saturdays in November. As always, the girls pay special attention to the ASME guys...

Also, this semester four ASME members spent a Friday afternoon framing the first floor of the UW Habitat House near the Arboretum. Two members also helped an additional Friday with SWE as they worked on completely framing the first floor and correcting an error in the basement. Despite the brisk weather, all involved had a lot of fun as we worked side by side with the future owners of the house.

And last but not least, ASME and the HPVC team just started making trips to Edgewood High School to mentor high schoolers

as they prepare for the Science Olympiad competition to be held April 12 on the UW-Madison campus. The students need help with the building events, including Boomilever and Balloon Launch Glider. ASME and HPVC team members act as mentors to the students as they guide them through the design and testing processes.

I know you're all reading this and are disappointed about missing out on these outreach opportunities, but don't worry, next semester there will be more Girl Scout Badge Days and more Science Olympiad mentoring along with new events, including High School Day on Campus, the Polar Plunge, and Relay for Life. So keep an eye out for announcements at ASME meetings about these events at the beginning of second semester!

THE LOBBY at a glance

Outreach Activities.....	1
SLS/Professor Spotlight.....	2
Bumps For Humps.....	4
Design Competition.....	4
Fundraising Opportunities.....	5
Homecoming.....	6



Student Leadership Seminar Review

By Nicky Zabel
Secretary

On October 12-13th over 70 students traveled to Madison to partake in the 2007 American Society of Mechanical Engineers District C Student Leadership Seminar (SLS). We kicked off the weekend with Professor Tim Osswald as the keynote speaker at dinner. Next, an impromptu design contest required teams to see if they could design an apparatus that could safely protect an egg when it was dropped from great heights. After assigning costs to building materials like paper, pipe cleaners, and balloons, teams were also supposed to keep the cost of their device at a minimum. These creations were dropped from the top of the discovery zone in the Engineering Centers Building, and the survivors were launched from a height of four stories.

Schools then set out for a night on the town and a photo scavenger challenge. The contest included well known items specific to Madison, such as Camp Randall and a slice of Ian's Mac and Cheese Pizza. The University of Missouri-Rolla came out victorious because of their ability to capture all 26 items!

The next day started bright and early and contained many helpful information and breakout sessions. Some topics included "Resources for Student Sections," "What is SDOB," and "Membership Recruitment and Retention" which was led by UW-Madison's Adventure Learning Program (ALPs).

A big thanks goes out to Abbott Laboratories for helping to sponsor the SLS. They led a leadership breakout session in which students were able to determine their type of leadership based on a sub-arctic survival situation. The seminar was then wrapped up with campus tours that gave students from other colleges a chance to check out all that UW-Madison engineering has to offer.



Abbott
A Promise for Life

Professor Spotlight: Yuri M. Shkel

By Adam Payleitner
Banquet Chair



Education: Degree in Mechanics from Moscow State University, Russia.

What individual influenced you the most in pursuing an engineering education?

My father, who grew up during World War Two in nazi occupied Belarus. He was one of six children, and became the first person in his family to get a college degree. He is the only real engineer in our family (he worked in the industry); both of his sons are engineering professors who do research.

If you had to choose one other occupation, what would it be?

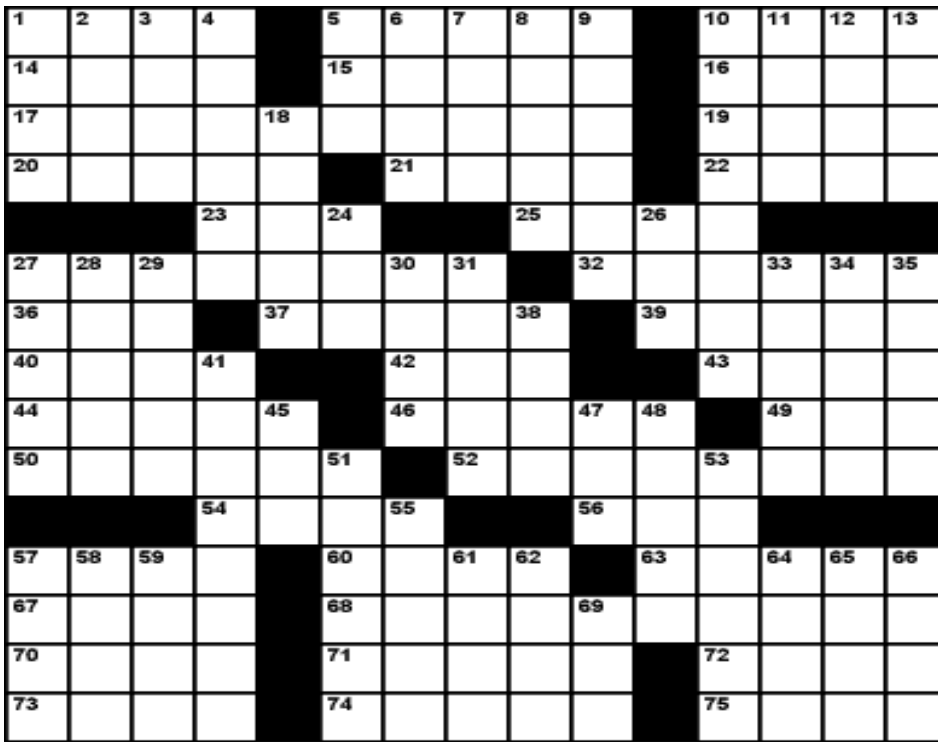
To teach mechanics rather than mechanical engineering. Unfortunately, only two major universities in US have a program like this. I am also considering a ski patrol and market investor after retirement.

Favorite Hobbies: Downhill skiing and windsurfing

What is your favorite place you have traveled?

Issyk-Kul Lake in Kyrgyzstan. This is the second largest mountain lake in the world (ninth by volume). It is located at an altitude 5,000ft in Tian Shan mountains (near Tibet).

In ten years: Doing approximately the same stuff: teaching and research; with more students graduated from my program.



Across

- 1. Backtalk
- 5. Berra and the Bear
- 10. Not a hit
- 14. Stck in __
- 15. Old market place
- 16. Cockney's cart puller
- 17. Allow (using one's head)
- 19. Peruse
- 20. Resting places
- 21. The same, in France
- 22. Chesterfield
- 23. Sire's opposite
- 25. Net
- 27. Disappoints
- 32. Ax packer?
- 36. 1101
- 37. Electronic novel
- 39. College celebs
- 40. Negatives
- 42. Bear in Barcelona
- 43. Chemical endings
- 44. Warner of "The Jazz Singer"
- 46. Greek cheeses
- 49. One of 30 in Abril
- 50. Locker door pix
- 52. Girl's group

- 54. __ monster
- 56. Word on a wine bottle, maybe
- 57. __ in a poke
- 60. "Jarhead" org.
- 63. Glacial ridge
- 67. Four-time Hugo winner Frederik
- 68. Developer's quest
- 70. Gin berry
- 71. "The Taming of the Shrew" setting
- 72. Greek letters
- 73. Mistake word
- 74. Con
- 75. Shoulder muscle, briefly

Down

- 1. Palm starch
- 2. Opera solo
- 3. Highway cloggers
- 4. Knights transportation
- 5. You betcha
- 6. Molding
- 7. The __ Show
- 8. "...and dreary ev'rywhere __": Stephen Foster
- 9. Barry __, singing soldier of the '60s
- 10. Tut, tut!

- 11. Cream filled cookie
- 12. Letters on a B-2
- 13. Mother of Helen, in myth
- 18. Hebrew letter after qoph
- 24. Rowdy bunch
- 26. Cry
- 27. Part of the alphabet
- 28. Bacteria often in the news
- 29. One of moons
- 30. Boxer's word
- 31. Sniffers
- 33. Comic book orphan of old
- 34. Clinch a deal, slangily
- 35. Composition
- 38. Japanese stringed instrument
- 41. Curls up
- 45. Resolution letters
- 47. Rainbow, e.g.
- 48. They hurt
- 51. Noisy sips
- 53. Corroded
- 55. Save me __ (concertgoer's request)
- 57. Lhasa-__
- 58. Equestrian's game
- 59. Breakfast chain
- 61. Home or hand finisher
- 62. This, e.g.
- 64. __ Winslett
- 65. List ender
- 66. Take five
- 69. Place for a drum



Bumps for Humps

Student Design Competition - Spring 2008

By Dustin Gabert
Industrial Relations Co-Chair

About a week before Thanksgiving break, ASME sent out the troops to bring home a win in the bi-annual AOE Bumps-for-Humps volleyball tournament. There were nine people who showed up for the tournament and the maximum number for a team was eight, so the ASME members took on the brave task of making two short-handed teams.

Once evenly split up, the domination began. Playing without a full team of six allowed for other teams to tip the ball and try to take advantage of our numbers, but we hustled and did our best. Teams ASME 1 and ASME 2 (creative names right?!) hit a few bumps in the road but managed to get into the championship round. A few kids had to leave early (the packer game was on by now...) so the opposing team and the refs allowed us to combine ASME teams.

Last year ASME took second place and won free brewery tour passes to the Capital Brewery in Middleton, which we thought was much better than t-shirts. This year we wanted the gold, and by gold I mean t-shirts. But not just any t-shirts; these t-shirts said Bumps-for-Humps, which is sweet.

The championship round was a heated battle, tempers were flying and nerves were shaking. Actually, one of the team members for ASME couldn't handle the intensity and frantically sprinted off the court in search for the nearest "vomit holder." It was awesome because no one knew why he left the game, but I (Dustin) had a perfect view of him in the hallway sharing his love with a fairly large garbage can. But needless to say, after many bodily fluids (blood, sweat, tears, vomit), skinned knees, blocks, and killer spikes... ASME came home with more laundry to do. Got the t-shirts, took some pics, and went home to watch the Packers destroy the Vikings. Go PACK!

By Micheal Behling
Constests Chair

With the semester winding down I wanted to let everyone know about a great opportunity to get more involved with ASME next semester. We have an annual design competition and this year it is to build an automatic window-washing robot. The team gets to travel to the spring design competition at the University of Missouri – Columbia, and compete against teams from all over the Midwest. We really need you to get involved because we are going to be starting construction next semester. So if you are looking to get some hands on experience with real mechanical issues, look for an email from the design team sometime during January. If you would like to help over winter break or take on this project for senior design, please contact me directly at mbehling@wisc.edu. If you want to learn more, head to our ASME website or go directly to the contest page – www.asme.org/Events/Contests/DesignContest/2008_Student_Design.cfm



ASME Fundraising

By Bill Feyereisen
Fundraising Chair

With funds running low, fundraising became an important necessity this semester. A traditional source of fundraising, pizza sales, was disallowed this year. According to the assistant to the dean, pizza sales would have competed with sales from the new deli in Engineering Hall, and student orgs. leave messes in the other engineering buildings, though it was never made clear exactly how pizza and soda directly competes with coffee and muffins.

The first fundraiser of the year was design notebook sales to InterEgr 160 students. For the first two weeks of classes ASME members set up outside the 160 lectures, selling notebooks to freshman eager to engineer. The notebook sale is really a great fundraiser for ASME because not only does it raise money for ASME to use in functions throughout the year, it also helps ASME get its name out to the large number of freshman who take InterEgr 160.

T-shirts have always been a popular fundraiser for ASME, and this year was no different. ASME member Darin Bowe suggested the use of sketches by Dr. J that he uses in his popular course packet for MS & E 350. The T-shirts, featuring BoBo, KoKo, JoJo and ToTo the monkeys are indeed a popular item.

Even though design notebooks and t-shirt sales bring in a substantial amount of money, with the absence of pizza sales, there is still a need for additional fundraising. During a November 2nd general meeting, members brainstormed different ideas for fundraising second semester. A wide variety of ideas were proposed, and some will be used throughout the rest of the year. Some of these events to look forward to include raffles at general meetings, and a kegerator build over winter break, which will be raffled off during second semester.

If you are interested in partaking in any of these upcoming fundraiser events email Bill at feyereisen@wisc.edu



Did You Know?

By Drew Satre
Publicity Chair

- The hardness of ice is similar to that of concrete.
- No president of the United States was an only child
- Apples are more effective at keeping people awake in the morning than coffee
- Mosquitos have 47 teeth
- A car traveling 100 mph would take more than 29 million years to reach the nearest star
- In York, excluding Sundays, it is legal to shoot a Scotsman with a bow and arrow

Homecoming 2007

By **Tim Stevens**

Polygon Representative

Once again, ASME/SWE put up a good showing for homecoming week this year, only to come up short again. The group participated in every event organized by yours truly, Tim Stevens, and Sarah McCoy from SWE.

The first event of the week was the float race that was held in the chilly waters of Lake Mendota. The brave ones to command the ship were Renee Miller and Nick Edwards. The race between the student organizations started off with ASME/SWE leading the race, however the back end of the

ship started to take on water and ended up costing ASME/SWE first place in the boat race.

After doing a great job with the banner on Sunday (compliments to SWE), it was time for the Badger Games and Tug-O-War on Monday. After games of human bobsled race, dizzy izzy, and word scrambler, ASME/SWE finished well enough to wrap up a third place finish at the Badger Games. Tug-O-War was a different story with ASME/SWE overestimating a very strong Hoofers team.

During the week, there was a lot of time devoted to building our float and doing various competitions like Air Band and Yell Like Hell. Unfortunately, the turn out was not so great for Air Band and Yell Like Yell. The final day of the events came down to the big homecoming parade. The float built by ASME/SWE consisted of different landmarks and lights. However, the Big Lebowski of the float was our giant milk carton that had liquid shooting up out of the straw. It was the highlight of the whole parade. It also helped us capture the prize of the second place float. Overall, in the end after lots of controversy (haha) ASME/SWE took a solid third place for homecoming week. I personally would like to thank everyone that stayed late on some nights just to get the stuff done.



	2	4	3	8				
					6			7
	5	8				4		
4				1				
			7		5			
				2				8
		1				6	7	
3			5					
				4	9	2	1	

Pictures: Homecoming and Girl Scout Badge Day 2007



THE LOBBY is published monthly by the Student Section of ASME in the Mechanical Engineering Department at the University of Wisconsin-Madison.

Address all correspondence to the editor:
 UW-ASME,
 Room 1082 ECB,
 1550 Engineering Dr.,
 Madison, WI 53706.

Chair Katie Lehrer
 Editor.....Drew Satre
 Contributors Rebecca Hager
 Nicky Zabel
 Adam Payleitner
 Dustin Gabert
Mike Behling
Bill Feyereisen
Tim Stevens

CHAIR
 Katie Lehrer

VICE CHAIR
 Matson Contardo

SECRETARY
 Nikki Zabel

TREASURER
 Chapin Nault

MEMBERSHIP
 Sam Schwaller

ACADEMIC
 Toby Xu

FUNDRAISING
 Bill Feyereisen

CONFERENCE
 Tom Moran

POLYGON REP
 Tim Stevens

CONTESTS
 Mike Behling



PUBLICITY
 Drew Satre

BANQUET
 Adam Payleitner

INDUSTRIAL RELATIONS
 Dustin Gabert/
 Colin McNichols

OUTREACH
 Rebecca Hager

REGIONAL LIAISON
 Alex Neuworth

SOCIAL
 James Tracey

PROGRAMMING
 Brett Grunwald

HISTORIAN
 Jake Krueger

WEBMASTER
 Darin Bowe

