

BMES General Meeting

2/10/10

Announcements:

- Recap: Ice skating, ecb open house, mayo clinic
- E-Week starts next week
- Breakfast at Mickies tomorrow morning at 8am to prepare for E-week
- Skiing at Tyrol Basin Friday, March 5th
- Pizza Sale Wed. Feb. 17th, 10:40-2:00p, sign up on the BMES website, contact majaraj@wisc.edu
- River Food Pantry as always.....every Friday 4:45-8 volunteer to help hand out food, serve food, and you get a free meal!, meet at Engineering Fountain, contact Benkovich@wisc.edu
- Science Olympiad every Thursday 2:20-4p at Edgewood Middle School to help kids with science projects, contact nharrison@wisc.edu
- Upcoming....Relay for Life April 16-17th, help raise money for cancer
- Science Olympiad Regional Competition Saturday March 13th Madison Memorial High School, help judge middle school students competing in the science Olympiad competition
- February Lab of the Month, Professor Kristyn Master's lab Thursday, Feb. 25th 6-7p in 3002 ECB, learn about biomaterials, engineered cardiac muscle etc.
- BMES Resume Booklet, send resumes to Ben Engel, bengel@wisc.edu
- Distinguished Member Watch: Alice Tang, Jeff Hlinka
- **Research Panel: Professor Block, Professor Murphy, Professor Ploeg, Dr. Nimunkar**
 - Professor Ploeg
 - Bone and Joint Mechanics: test bones, build bone models, study osteoporosis
 - Professor Murphy: Biomaterials, cell adhesion
 - Instructor Amit Nimunkar
 - Bioinstrumentation: use of sensors and instruments to record and transmit physiological signals
 - Professor Block
 - Medical Imaging: can look at velocity vectors of blood flow in the heart using imaging and computers
- **Question/Answer Session:**
- **How did you choose the path you did/any advice for students?**
 - Professor Murphy: started in physics and became fascinated with materials
 - Professor Block: start with a core area that you are interested in, start making connections
- **What are the advantages of pursuing research vs. industrial endeavors?**
 - Professor Ploeg: focusing on products limits the learning you can do, more freedom in the research setting
 - Amit Nimunkar: more room for creativity
 - Professor Block: in a company there isn't really an option for failure, there are companies that have positions at universities