



Upcoming Events

November

Student Faculty Mixer
Window Cling Fall Fundraiser

December

UR and RIT social event

January

Industry Tour

February

Industry Networking Night

March

Spring Clothing Fundraiser

April

Annual BME Banquet

We are always open for ideas!
Contact any member of the
executive board or come to
our meetings!

**BMES Meetings
Tuesdays at 6pm
Goergen 239
Everyone is invited!!**

University of Rochester Biomedical Engineering

October 31, 2008

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St. Louis Hosts the 2008 BMES Conference By Imoh Ikpot

The 2008 annual Biomedical Engineering Society conference brought over 2,400 professors, graduate students, undergraduates and practicing engineers to the Midwest Gateway, October 2nd through 5th. The participants visited from all over the world and represented a wide array of specialties ranging from biomedical, electrical, chemical and mechanical engineering as well as the many facets of the medical field. In addition, several graduate school representatives were in attendance and provided a plethora of information regarding their school's programs*.

The conference hosted over 1000 scientific posters and 600 oral presentations that explored a wide variety of research topics. Some of the presentations were particularly interesting to UR students. Senior, Martin Wegman says, "Parallel etching at the nanoscale provides an opportunity to explore a domain that escapes conventional techniques but where complex interactions that govern many cellular processes are present. Dr. Chad Mirkin specifically spoke of Dip-Pen Nanolithography as a novel tool to explore this science." Many presentations focused on translational engineering, bringing research findings to practice. Senior and UR BMES president Nicole Ruszczak states, "The implantable devices series was particularly interesting. It displayed the criterion needed to successfully design technology that will greatly improve the quality of life for many people." Furthermore, the implant-

able devices presentations mirrored some of the objectives of UR's senior design curriculum.

Amongst the presenters were many UR students: *Juniors*: Renea Faulknor, Nicholas Huang, Imoh Ikpot, *Senior*: Martin Wegman, *Graduate Students*: Ut-Bing Giang, Sarah Lancianese and several others. These students continued to display the wide range in the biomedical engineering field with topics ranging from variations in knee biomechanics, quantum dot cytotoxicity, to red-blood cell simulations. UR presenters agreed the conference was a beneficial experience, which allowed them to showcase their findings while gaining input from others for future studies.

In addition, graduate school representatives filled the rooms with chatter about M.S. and PhD programs. They collected information from prospective



Group of BME Students at the BMES National Conference

students and invited a select few to attend a private reception, where they went into further detail about the specifics of their school.

Software companies were also present. These companies emphasized their products' ability to save valuable time and resources by streamlining monotonous research techniques. In order to provide credence, they passed out several samples.

The event encompassed many multifaceted activities, giving further confirmation that biomedical engineering is a diverse and interdisciplinary field. Collectively, the UR students enjoyed the event and would unanimously attend next year's conference, which is scheduled for Pittsburgh, PA.

* This information is available in the BME administration area.



UNIVERSITY of
ROCHESTER

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Faculty Advisor:

Professor McAleavey

Check it out!!
The new BMES website is up!

<http://sa.rochester.edu/bmes/>

University of Rochester Biomedical Engineering Society

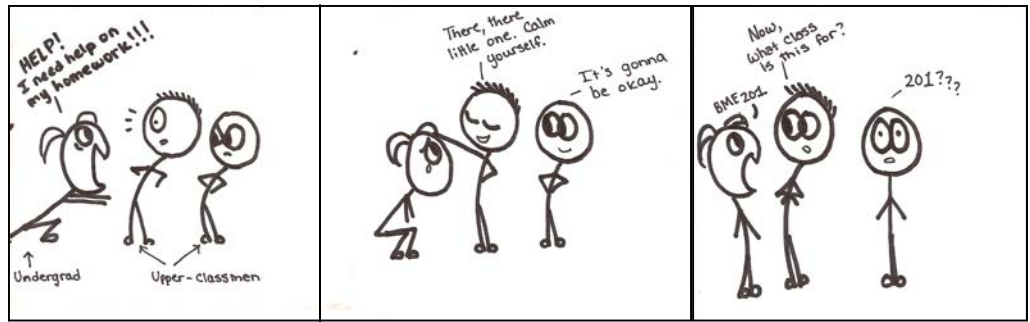
**Don't try this at home BUT...
Did you know:**

If you take a light bulb,
place it in a cup of water,
stick it in a microwave,
and turn on the microwave...
The light bulb will illuminate!



A day in the life of a BME...

By Meghan O'Donovan



**BMES FALL FUNDRAISER
BME Window Clings**



Dimensions: 14" by 5"
Flex or Cash
On Sale 11/17 to 11/21
\$4—National BMES Members
\$5—all others

Makes a Great Holiday Gift!