

Title: BME Outreach Program Development

Team Members: Tara Mahan and Kristin Myers

Advisor: Willis Tompkins

Client: Steven Zwickel

Date: March 14, 2002- March 19, 2002

Problem Statement:

To complete the development an outreach program for Biomedical Engineering that will showcase new technology, present educational and career opportunities in Biomedical Engineering, and encourage students (in grades K-12) to study math and science.

Restatement of Team Goals:

1. Contact O'Keefe Middle School to comply with request for presentation
2. Meet with Lisa Ruehlow and Nicole Werner about testing the kit in 6th grade
3. Purchase the white construction paper for attaching to x-ray films
4. Figure out how to publish the updated web site
5. Complete all dealings with the x-ray film (payment, etc.)

Summary of Accomplishments:

1. Attempted contact with O'Keefe Middle School teacher for outreach presentation
2. Arranged meeting with Lisa and Nicole for testing the kit in Oconomowoc
3. Purchased the white construction paper for the x-ray films
4. Published the updated web site
5. Presentation and all mid-semester deliverables turned in
6. Met with Professor Zwickel to discuss possible expansion of the kit

Statement of Team Goals:

1. Meet with Lisa and Nicole for testing the kit
2. Set up a date with O'Keefe Middle school for testing
3. Enjoy spring break!

Difficulties

-None

(IMPORTANT note: We are doing our best to find 4th-6th grade teachers for students planning to use the Outreach kit. Other BME 402 students are "on their own" in finding a teacher if they are presenting another topic.)

Activities

- Correspondence and meetings: 1 hour
- Web page updates: 2 1/2 hour
- Presentation preparation and delivery: 2 hours
- Miscellaneous (finding and purchasing paper): 30 minutes
- Progress report: 30 minutes
- TOTAL HOURS FOR REPORTING PERIOD: **6.5 hours**
- TOTAL HOURS FOR SEMESTER: **38.5 hours**

(NOTE: Unless otherwise noted, both Tara and Kristin participated in all activities listed.)