

Title: BME Outreach Program Development

Team Members: Tara Mahan and Kristin Myers

Advisor: Willis Tompkins

Client: Steven Zwickel

Date: November 28, 2001- December 5, 2001

Problem Statement:

To develop 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. Arrange presentation date for dry run with Maureen McB
2. Meet with Dr. Ranallo to exchange ideas and receive X-ray materials (film)
3. Finalize presenters manual (completed by December 7th)
4. Shop for additional outreach materials
5. Meet with Professor Zwickel on Friday
6. Update website and learn how to convert files (talk to Bern)

Summary of Accomplishments:

1. Edited presenter's manual
2. Met with Professor Ross to discuss portfolio requirements for EPD 398
3. Further developed background information for presentation modules (info for presenters)
4. Met with Dr. Frank Ranallo to convey outreach goals
5. Attempted to contact Maureen McB (multiple times)
6. Purchased additional items for kit, took to EPD Outreach Department
7. Bern- BME webmaster- was contacted and asked to look over site to diagnose the problem

Statement of Team Goals:

1. Meet with Paul Ross
2. Meet with Steven Zwickel to discuss final requirements for BME Outreach program
3. Finish presenter's manual
4. Dry run of presentation, with or without Marquette Elementary class
5. Discuss requirements for poster presentation and final paper
6. Request video recording equipment from the EPD Outreach Department

Project Schedule

Please see attachment for project schedule. Schedule will be changed as needed as progress is made throughout the semester.

Difficulties

- Setting up time to meet with the Marquette elementary class we observed. We may have to ask Mitch to round up some students.
- Dr. Ranallo cannot get the X-Ray films as early as previously expected. Miscommunication as to when “end of the semester” was.

Activities

- Meeting with Professor Ross: 0.25 hours
- Meeting with Dr. Ranallo: 1 hour (Tara)
- Presenter’s manual development: 4 hours
- Shopping for supplies: 3 hours
- TOTAL HOURS FOR REPORTING PERIOD: **8.25 hours**
- TOTAL HOURS FOR SEMESTER: **115.50 hours**

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