

Title: BME Outreach Program Development

Team Members: Tara Mahan and Kristin Myers

Advisor: Willis Tompkins

Client: Steven Zwickel

Date: October 23, 2001- October 30, 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. Confirm funding within EPD department
2. Set-up time to observe 4th grade class
3. Obtain materials for Outreach presentation
4. Continue research for development of modules
5. Obtain ergonomic backpack study from colleague
6. Get website up and functioning

Summary of Accomplishments:

1. Submitted funding request for material purchasing
2. Website progress
3. Contacted 4th Grade teacher to arrange observation
4. Continued research
5. Contacted supply carrier (Photophysiology)
6. Sent follow up e-mail to teachers regarding 4th grade observation

Statement of Team Goals:

1. Obtain ergonomic backpack study from colleague
2. Continue to develop background information on selected concepts
3. Contact more suppliers of needed materials
4. Confirm date for observation
5. Arrange shopping date
6. Obtain phone numbers for 4th grade teachers from Professor Zwickel

Project Schedule

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

Difficulties

- Funding complications
 - Discover Card: Cannot be used on-line
 - Only can reserve card for one day
- Busy lives! Both team members taking trips soon!
- Waiting for 4th grade teachers to reply
- Photophysiology kit out of stock

Activities

- Website development: 2.5 hours (Tara)
- Funding arrangement: 2 hours (Kristin)
- Research: 1 hour
- **TOTAL HOURS FOR REPORTING PERIOD: 5.5 hours**
- **TOTAL HOURS FOR SEMESTER: 66.75 hours**

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