

**Title:** BME Outreach Program Development

**Team Members:** Tara Mahan and Kristin Myers

**Advisor:** Willis Tompkins

**Client:** Steven Zwickel

**Date:** November 21, 2001- November 28, 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. Solidify X-ray presentation format
2. Arrange dry run with 4<sup>th</sup> grade teacher (during the first week of December)
3. Meet with professor to obtain x-ray info
4. Further develop presentation manual
5. Obtain additional materials for presentation (enlarged pencil, plastic board, additional materials for X-ray presentation)

**Summary of Accomplishments:**

1. Edited presenter's manual
2. Met with Professor Tompkins to review current revision
3. Further developed background information for presentation modules (info for presenters)
4. Contacted with Dr. Ranallo for X-ray information
5. Obtained contact info for Maureen McB
6. Made arrangements to purchase additional materials for Outreach kit

**Statement 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 7<sup>th</sup>)
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)
7. Meet with Paul Ross to discuss requirements and deadlines for EPD 398

**Project Schedule**

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

## **Difficulties**

-Obtaining Maureen McB's contact info.....just got it on 11/27/01

## **Activities**

- Meeting with Professor Tompkins: 0.5 hours
- Phone conversation with Dr. Ranallo: 1 hour (Tara)
- Presenter's manual development: 3 hours
- Editing of presenter's manual: 1 hour
- **TOTAL HOURS FOR REPORTING PERIOD: 5.5 hours**
- **TOTAL HOURS FOR SEMESTER: 107.25 hours**

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