Male Barrier Model

Week 3: 2/13/09 – 2/20/09

Team Members: **Whitney Johnson** – BSAC
John Cheadle - BWIG
Terra Gahlman – Communicator
Nick Balge – Team Leader

Advisor: Professor Pamela Kreeger

Client: Dr. Marge Sutinen

Next meeting: 2/20/09, 12:05pm

Problem Statement:

To design a portable teaching tool to demonstrate the strength of polyurethane and latex barriers, using weights and a scale.

Team Goals:

Inquire further about lead pellets and meet with client regarding design directions and any available materials from the lab. Look into purchasing and manufacturing of parts through the UW shop, welding specifically. Focus certain design aspects to hopefully begin building within the next week.

Individual Goals:

John	Brainstorm further, locate more testing equipment, research materials
Whitney	Brainstorm further, research materials and possible workshops
Terra	Brainstorm further, inquire of other campus labs for material
Nick	Brainstorm further, look into UW shop permits and seminars, research materials

Summary of Accomplishments:

We met with the client regarding some of our concerns for the project. She reinforced many of her ideas first hand, this being our first meeting with her personally. We received new goals – a late April deadline and the training of two of her students for operation of the device. We were able to greatly focus our ideas after a discussion with the client, bringing us much closer to the actual manufacturing of our design. The client also clarified questions about our ideas to add to the project, giving us approval to test other aspects of condom performance. She encouraged us to add any of our own ideas we feel would be beneficial to the product's use as a teaching tool. We have located several parts that will be helpful to purchase as we begin to build, and we have researched what needs to be done to obtain a permit in the student shop. We also have a new lead on potentially inexpensive or free lead pellets.

Difficulties:

Lead pellets are still fairly expensive everywhere we have looked, but we are continuing our search. The welding seminars in the student shop had passed before were able to enroll. We plan to contact the shop manager in welding and see what can be done.

Activities:

2/14/09	John	Sketching ideas/location of testing materials	2.00h
2/14/09	Whitney	Internet material and shop research	1.50h
2/15/09	Terra	Shopping for lead pellets and scales	2.00h
2/18/09	Nick	Researching material purchase and manufacture	1.50h
2/19/09	Team	Discussion with client	1.50h
2/19/09	Team	Focusing of design directions	1.50h

	John	Terra	Whitney	Nick	Team
Past Week	2.00h	2.00h	1.50h	1.50h	3.00h
Previous Total	5.50h	4.50h	4.00h	6.00h	8.50h
Total	7.50h	6.50h	5.50h	7.50h	11.50h

Expenses:

All condoms and testing materials used thus far were obtained free of charge.