

## **Progress Report: Device for the Presentation of Olfactory Stimuli to Monkeys**

**Names:** Sarah Kolpin, Heather Shaner, Kevin Campbell, and Wyatt Potter

**Date:** January 30 - February 5, 2002

**Problem Statement:** We need to build a device to assist in research comparing the ability of young and aging monkeys to select specific odors and tastants. The apparatus should provide quickly interchangeable pairs of stimuli and provide a reward for the correct solution. Apparatus should be readily moveable from cage to cage.

### **Summary of Accomplishments:**

- \* Group members Wyatt, Kevin, and Heather met in class and began brainstorming.
- \* We attempted to contact Goran to get an understanding of his timeline for this project, but he was unavailable.

### **Restatement of Team Goals:**

- \* Have all team members receive TB tests from UW Health.
- \* Go to the primate center and witness their research.
- \* Learn regulations concerning the use of primates in research (for our product design specifications).

### **Statement of Team Goals:**

- \* Develop a Product Design Specifications document for our project.
- \* Get TB tests, and visit Primate center.
- \* Study primate research.
- \* Brainstorm possible design solutions

### **Project Schedule:**

Week	Date	Activities
1	25 January	form teams, select project, contact client
2	1 February	literature search; meet with client
3	8 February	develop understanding of project; develop PDS
4	15 February	brainstorm
5	22 February	brainstorm; evaluate designs
6	1 March	evaluate designs; decide on final design
7	8 March	work on design

8	15 March	work on presentations; advisor review of design notebooks
9	22 March	Mid-semester presentation
10	29 March	SPRING BREAK
11	5 April	work on design
12	12 April	work on design
13	19 April	work on design
14	26 April	work on design
15	3 May	prepare poster
16	10 May	Final Poster Presentation
17	13-17 May	final meetings with advisors

### **Difficulties**

I think we all still need to get tested for TB; I don't think this will be too difficult, once we can get out to the hospital during testing times or otherwise make an appointment. I tried calling for an appointment this morning and was unsuccessful.

Also, Goran is away for the next two weeks; we will be in contact with his assistant. Lastly, I (Sarah) missed class on Friday due to a track competition. (Missing class is always difficult.)

### **Hours:**

Sarah - .5 hours (writing progress report)	Total = 3.5 hours
Kevin - 2.0 hours (class)	Total = 5.0 hours
Heather - 2.0 hours (class)	Total = 5.0 hours
Wyatt -- 2.0 hours (class)	Total = 4.0 hours