

Project # 18 – Development of a Device for Neurochemical Sample Collection from Freely Moving Monkeys

Team Members: Cole Drifka (Co-Leader), Lauren Eichaker (Co-Leader), Ben Fleming (BWIG),  
Adam Pala (Communicator), Sarah Springborn (BSAC)

Progress Report: 5

Week: 5(February 28– March 5)

Primary Contacts	Information
Client: Dr. Ei Teresawa	Department of Pediatrics, Primate Center Building Email: <a href="mailto:terasawa@primate.wisc.edu">terasawa@primate.wisc.edu</a> Phone: (608) 263-3579
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Revised Problem Statement:

To improve on the device created last semester that protects the microdialysis apparatus used during cranial experiments on non-human primates. This involves continued efforts to reduce the weight of the device, secure it around the monkey's head, and better able to cushion the microdrive unit.

Summary of Accomplishment:

Finalized our design to check with the client and completed the first draft of the Mid-Semester paper and powerpoint. Compiled all materials except for the material of the main piece.

Statement of Team Goals:

Complete the Mid-Semester paper, decide on a material for the main piece of our design and compile a materials list for ordering before spring break. We only need the material of the main piece to move forward.

Difficulties:

Meeting with the Polymer specialists presents difficulty. I have contacted them frequently for the past week and a half, and attempted to meet with a Grad student on 3/3/09, but he had left the office.

Activities:

		Hours This Week	<input type="checkbox"/> Hours
Cole Drifka	Brainstormed a single-unit protective shell and worked on the Mid-Semester Presentation.	3	10.5
Lauren Eichaker	Worked on Mid-Semester presentation (paper and powerpoint), e-mailed polymer specialists, attempted to visit polymer specialists.	3.5	12.5
Ben Fleming	Researching possible air bladder options, monkey quiz and shop permit quizzes.	3.5	10.5
Adam Pala	Compiling and proofreading powerpoint presentation.	2.5	9.75
Sarah Springborn	Proofread report, conducted research, updated notebook.	3.5	8.25
Team	Met as a team to finalize design on 2/28/09.	2	8.75

Expenses:

Pending...