

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: 12

Week: 7(April 26– April 30)

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:

Repoured silicone carried out quantitative tests, finished prototype, poster and final report.

Statement of Team Goals:

Have a good presentation 5/1; final client meeting is 5/1 and return all things that belong to primate house.

Difficulties:

Pouring silicone.

Activities:

		Hours This Week	□ Hours
Cole Drifka	Poster.	5	47.75
Lauren Eichaker	Finished final paper, poster part, poster, notebook.	4	45.00
Ben Fleming	Construction, poster part.	5	35.50
Adam Pala	Construction, poster part.	5.5	32.75
Sarah Springborn	Construction, poster work, notebook work.	2	25.25
Team	Testing and construction 4/24.	3	27

Expenses:

2McMaster Carr Supply Co#8595K77, 1 lb Kit RTV SILICONE Casting Compound \$39.08

Watchpartsusa.com LEA309-20SS, Watch Band Leather Heavy 20mm Black \$12.95

Ace Hardware Superstore.com#1241199, Manf#: P74300125-V, FOAM BOARD ADHSV 10.2OZ \$4.49

McMaster Carr Supply Co#7636t31, smooth rod caulk gun \$5.68

Total: \$101.28