Progress Report 4: September 29 to October 5, 2006

Title: Automated animal board for positioning during ocular imaging and photography
Client: B’Ann Gabelt, MS.
Advisor: Wally Block, Ph.D.
Team Members: Nathan Kleinhans (Leader)
Laura Piechura (Communications)
Kellen Sheedy (BSAC)
Holly Liske (BSAC)
Dhaval Desai (BWIG)

Problem Statement (created using information from design project website)
Fine adjustments in the positioning of the eye are necessary to obtain quality scans of the retina and nerve. Currently, an automated head holder device exists for positioning the head of the animal. However, concerns about possible neurological damage during rotation of the head make it desirable to develop a device that can rotate the whole animal.

Restatement of Team’s Goals
• Final draft of Project Design Specification by Friday, October 6th.
• Individually brainstorm more details about design alternatives and consider pros and cons.

Individual Goals
• Laura: Review Project Design Specification, brainstorm details about design alternative.
• Holly: Review Project Design Specification, brainstorm details about design alternative.
• Kellen: Review Project Design Specification, brainstorm details about design alternative.
• Dhaval: Review Project Design Specification, brainstorm details about design alternative, and update website.

Summary of Team Accomplishments
• During our meeting on Friday, September 30th, we reviewed and made changes to the PDS as a team. We also discussed meeting on Thursday, October 5th at Wendt Library to elaborate on the three individual designs, and try to work out some of the details for each one.

Project Difficulties
No difficulties were experienced regarding the project this week.

Expenses
There are no expenses to be reported.