Progress Report 7: October 20 to October 26, 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
  • Finish Midsemester Paper
  • Order materials to begin prototype construction

Individual Goals
  • Laura: Finish Midsemester Paper sections.
  • Holly: Finish Midsemester Paper sections.
  • Kellen: Finish Midsemester Paper sections.
  • Dhaval: Finish Midsemester Paper sections and update website.

Summary of Team Accomplishments
  • Midsemester Presentations on Friday, October 20th, 2006
  • We held a team meeting on October 23rd to put together a draft of the Midsemester
    Paper. Once the draft was written, each person in the group reviewed it and made the
    necessary changes to it.

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

Expenses
  There are no expenses to be reported.