**Weekly Report #6**

**Date:** October 17, 2011

**Project Name:** Exoflex: Exoskeleton for Restored Hand Function

**Group Number:** 1

**Group Members:** Mark Wronkiewicz, Edward Poyo, Chavelle Patterson

**Current status of project:**

* CAD work still in progress
* Design alternatives being prepared for review by mentor

**Work completed in the last week:**

* CAD
  + Chains
  + Hand support
  + Wrist Cuff
* ExoFlex components divided for additional research and design
  + Finger Clamps – Mark, Edward
  + Finger Exoskeletons - Mark
  + Exoskeleton Hub & Wrist Support - Chavelle
  + Mechanical Force Development - Mark
  + Force Transmission - Edward
  + Data Logging – Chavelle
  + Power Method – Edward
* Preliminary information compiled for Progress Presentation & Paper

**Work planned for next week:**

* Complete Progress Presentation and Paper
* Analysis of different designs
* Meet with mentors for design input
* Continue CAD work

**Anything needed from mentor/client or TA or instructor to continue work:**

No additional resources or information are needed from our mentors, TA, or instructor at this time.