**Weekly Report #5**

**Date:** October 10, 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 in progress
  + Arm brace
  + Chain link system (running down backs of fingers)
* Additional and system specific research being conducted

**Work completed in the last week:**

* Completed website
* Broke down hand systems and mechanisms and divided research
  + Explored brace design options
  + Explored finger clamp design options
  + Explored finger cap possibilities
* Researched accelerometers and movement related data logging systems

**Work planned for next week:**

* Research additional components
  + Motors & actuators
  + Methods of transferring motor force
  + Rigid mounting platforms
  + Power system
* Continue CAD work
* Meet with Dr. Moran once this is complete

**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.