**Weekly Report #8**

**Date:** October 31, 2011

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

**Group Number:** 1

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

**Current status of project:**

* Progress report complete
* ExoFlex design chosen
* Specific design details phase

**Work completed in the last week:**

* Progress report completed

**Work planned for next week:**

* Continue CAD work
* Determine the best configuration of the components
  + Analyze methods for attaching the finger clamps, finger caps, and exoskeletal hub components to the finger exoskeletons.
  + Finalize the method for securing the exoskeletal hub to the wrist guard.
* Determine the analytic efforts needed for ExoFlex, including:
  + Specific calculations for the power supply for the linear actuators,
  + Specific weight of each component,
  + Epoch length and memory capacity of accelerometer.

**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.