**Gore Bioelectric Capstone – Staff Meeting Minutes**

February 7th, 2018

Below is a summery of the staff meeting and Gore meeting that took place on January 31st and February 5th respectively.

Action items are as follows:

* Tim – Help Bray calculate stress and force curves seen at given joints.
* Diego – Find average number of times a person bends their elbow, shoulder, and other joints.
* Zaoyi – Waiting on electrical components and revise current design.
* Qingkun - Super capacitor control circuit design.
* Andrew – Look into commercially available piezoelectric materials/devices for the final design.
* Justin – Order a new chip and test design.
* Arial – Build and test circuit.
* Bray - Help Tim calculate stress and force curves seen at given joints.

Gore Meeting:

* Continue on with a mixture of these paths:
1. We could continue on the path that we are on using PVDF as the material recognizing that we will likely not hit the power requirement. However, we could extrapolate our power results to experimental materials that have been shown to exist but that have not yet reached the market.
2. We could change the targeted medical device that we would like to power to a device that draws less power than the selected pace maker.