

Week 8 Report, 10/18/19

Group Members: David Jones, Brennan Kandalajt, Luis Ruiz

Client: Dr. Keith Hengen

Project Status: At the beginning of the week, all three of us were away for Fall break, and Brennan has been away all week for the BMES conference, so we have had limited time together and at Dr. Hengen's lab. However, we are still continuing to work on the brainstorming phase of our project and have been putting our ideas into LabArchives. Luis and David have planned a time this weekend to test the practicality of PEG coating the carbon microelectrodes and testing the robustness of the coated electrodes compared to non-coated electrodes. We are also working to schedule a time with Kristen (a researcher in Dr. Hengen's lab who works with the microelectrode arrays) to have her walk us through a full MEA construction with their current manufacturing process so we understand how to use the equipment in the lab and have a better idea of the equipment's limitations as we further refine our brainstorming.