

**Term 8 Capstone project: Myoelectric Prosthetic Arm**  
**Jan. – Apr. 2019**

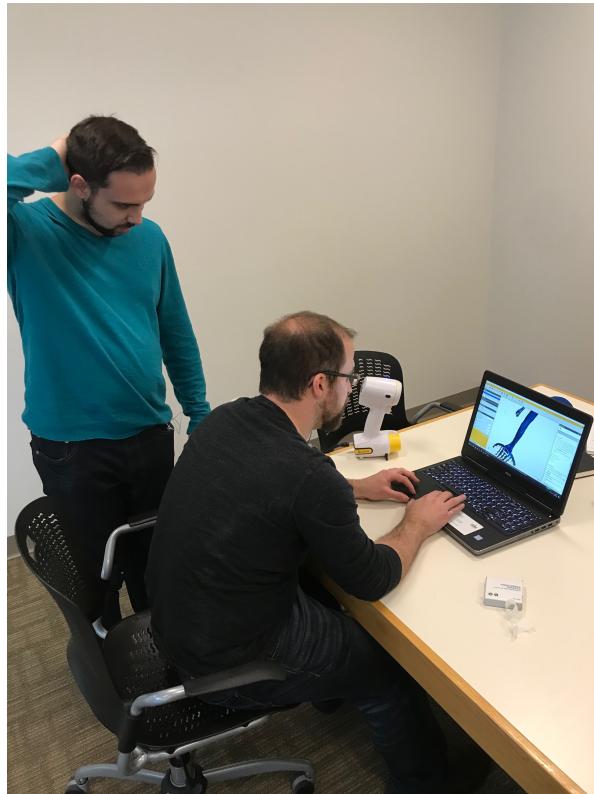
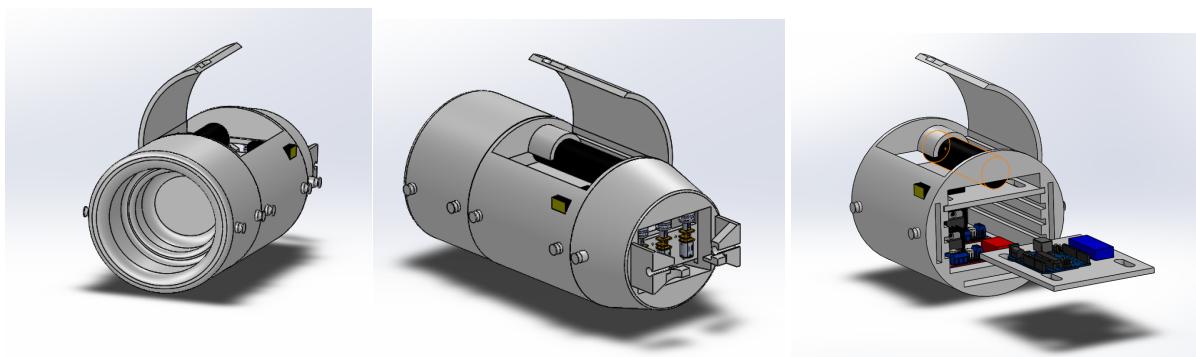


Figure 1. Peel 3D Scanner used to scan amputee arm. The scan was converted to a SolidWorks file (.stl) to aid with CAD.



Figures 2-4. Final CAD assembly of structure, socket, and electronics in SolidWorks model view.



Figures 5-6. 3D printer at MUN Med printing one of the Solidworks CAD files.



Figures 7-8. 3D printed arm and left hand with electronics embedded/enclosed.