

Week 19 Report

Group Members: David Jones, Brennan Kandalraft, Luis Ruiz

Client: Keith Hengen

Project Status: We spent this week trying to print out the carbon fiber alignment grid. We are confident that the grid could be 3D printed if outsourced, but are currently trying to print it on a new printer at the Jubel makerspace. We have a consultant with extensive experience with the 3D printers who is helping us optimize the printing accuracy. We believe this would be a valuable achievement because the ability to print it at WashU would provide the lab with simplified access once we finish the project. Additionally we parylene coated more fibers. Some of them will be used for implantation at the lab and some of them will be used to trial our equipment.