

## **sdmay19-03: 3D Metal Printer - Phase II**

Semester 2 Week 5 Report

February 25th - March 1st

Client/Advisor: Dr. Bigelow

### **Team Members**

Thomas Waters — *Computer Engineer*

Ariel Rizhsky-Yakobson — *Computer Engineer*

Jacob Gosse — *Electrical Engineer*

Alvin Rymash — *Electrical Engineer*

Armand Hernandez — *Software Engineer*

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### **Summary of Progress this Report**

For this weekly report, we are still waiting for Dr. Bigelow to return from his leave. We have generated a list of questions and concerns for him. These questions and concerns are about the wiring, mounting problems, and the progress of the mechanical engineers.

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### **Pending Issues**

We are waiting on the progress reports of the parts from the mechanical engineers. We also prepared a list of the questions and concerns for Dr. Bigelow, when he returns.

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### **Plans for Upcoming Reporting Period**

Our plan for the upcoming week is to meet with Dr. Bigelow and discuss the progress of the mechanical engineering, our questions and concerns for the printer. After the meeting, we should have an idea on what we can work on for the next week.

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### **Individual Contributions**

<b>Team Member</b>	<b>Contribution</b>	<b>Weekly Hours</b>	<b>Total Hours</b>
Thomas Waters	Continued to stay in contact with the mechanical engineers regarding the print bed.	4	18
Ariel Rizhsky-Yakobson	Went through the guide laser guidebook and getting ready for testing	4	18

Jacob Gosse	Continued to manage wires for the printer and discussed with Dr. Bigelow regarding wiring issues	4	18
Alvin Rymash	Continued to manage wires for the sensors that will be placed in the vacuum chamber	4	18
Armand Hernandez	Continued work on the 3D model slicing and parsing to gcode	4	18