**Electrical and Computer Engineering (ECE) Retention Program**

**Research Mentoring Program**

*Weekly Progress Report*

**PROGRESS REPORT FOR THE WEEK OF:**

**PROJECT TITLE:**

**Team Member Completing the form**: Mekhi Connor



1. **TASKS COMPLETED:**

* **Set up 3D print and checked if it was working.**
* **Learned about maker boy and how to cloud print from your computer from anywhere.**
* **Learned a few key definitions that are important when it come to working with acoustic sensor arrays and 3D printing**

1. **CURRENT TASKS:**

* **Set up the sensor so that they can record audio of 3D**

1. **TASKS FOR NEXT WEEK:**

* **Try to record audio for print and try different frequencies.**
* -Setup the audio recording of 3D printer on computer.
* 2-We need to record frequency range between 100-1000Hz only. We need to figure out a software for this.
* 3- using this recorded audio and comparing it to different sensors installed within the printer for optimal sound.

1. **CHALLENGES ENCOUNTERED:**

* **Finding materials to get the computer and acoustic sensors to work**