

## Research Showcase

Weekly Report 1/15/17 to 1/21/17

After weeks of work, the stress in preparing for the research showcase is finally over.

Overall, from the experience of setting up the board and talking with the various visitors at my table ended up being much easier and much more relaxed than I had previously imagined to be. Not only was I able to show off my original work, but also all the effort I had put into ISM with my board, portfolio, and research. Many visitors to my table found my original work to be quite intriguing and often asked many questions about the processes for 3D printing and CNC machining while also asking about mechanical engineering as a general field. During the showcase I also talked to many engineers who were interested in the topic even if they were not necessarily mechanical engineers or people who dealt with the 3D printing field. Many visitors were interested in how mechanical engineering is often interwoven with computer science and programming for many of the control aspects used in 3D printing, CNC machining, and even my original work which featured an Arduino chip. From this experience I was able to not only show my progress in ISM to those who were familiar with it such as my friends and family, but also to those who had never even heard of ISM or of topics such as 3D printing. However, the showcase also reminded me how this event was only a stepping stone in the grand scheme of things and that the final presentation night would be another, more difficult challenge I would have to overcome in my ISM journey. With future weeks to come, I will put all my efforts toward finding a mentor who will aid in this journey as well as the creation of a final product related to my topic.