

# fyy2

## Felix Yang Individual Contribution Page

### "Semester" Contributions

The spring semester of 2016 is my first semester of 2016. I plan to spend it following along the older members of the team, Kimberly, Skyler and Claire so that in the future when they leave, as they are seniors, I will be able to continue working on this subteam. At the same time I want to contribute by showing initiative and giving ideas. Specific goals include learning about the types of materials used in fabrication and it's pros and cons. Examples of such materials include concrete, pvc, and HDPE. Lastly, the subteam would like to explore the possibility of including a PVC welding during pre-fabrication.

So far I have created auto-cad drafts of the flocculator and will begin to work on the sedimentation tank soon.

#### Fall 2016 Semester Contributions -

The fall of 2016 is my second semester at AguaClara. I will be working with Pre-Fabrication again on the small scale plant. However this time I will be contributing to the team a lot more because I no longer have experienced team members to fall back on. I hope to do this by managing everyone's efforts as well as putting in my own technical skills such as welding and cutting plastics. Specific goals for the semester include creating a brand new plant to replace the one the Summer 2016 team had created because that plant is going to be sent away. Another goal is to create a new design for the flocculator in order to cut down the difficulty of fabrication.

#### Spring 2017 -

This semester will be the start of joining another subteam, ESTARS. Though I'm not working on the 1 L/s plant anymore this project is still related to the plant, as the ESTARS team will be creating a smaller sand filter compatible with the smaller than normal size of the 1L/s. Specific goals include being able to understand more of technical side of AguaClara so that I know more than just fabrication. Additionally I would like to be able to fabricate more and add onto my current knowledge of fabricating a 1L/s plant.