

**jmd475**

## Jacqueline Dokko's Individual Contribution Page

### **Fall 2016 Contributions**

For this fall semester, the CSFBR team will be responsible for putting together the countercurrent water filtration system upon completing all of the individual components such as the flocculator and the newly designed reactors. Further into the semester, we will be optimizing the shape of the reactors to maximize floc flow out of the weir and minimize waste water flow velocity to reduce the amount of water wasted. The positioning of the reactors within the system will also be tested for differences in dye removal efficiency. Within the subteam, my role will be to proofread all articles and presentations. Though everyone contributes to the fabrication of the reactors, my role within the fabrication process is to cut and prepare all materials. As the only returning AguaClara member on this subteam I will guide my other team member through the semester and the workings of AguaClara.