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Cindy Dou's Individual Contribution Page

Fall 2015 Contributions

i am a Freshman in the College of Engineering hoping to major in Chemical Engineering. This is my first semester on AguaClara. I am on the Countercurrent Stacked Flocc Blanket Reactor (CSFBR) team. CSFBR's ultimate goal is to design a new structure that removes arsenic and fluoride more efficiently compared to current AguaClara designs. This structure aims to utilize reactors in series, the Venturi effect, and counter-current flow between water and flocs. We have now added a spectrophotometer and begun to use tracer dye in order to test the turbidity of our effluent.

My personal goals include becoming proficient in understanding the theory behind CSFBR, successfully organizing materials, and gaining insight into being a good team member,