

Alexis Reedy
E90 Topic Selection

I plan to study microfluid flow with Dr. Macken. I will work on developing a solution of saline and microspheres, that will represent blood. This microfluid solution will be passed through a micro tube and the flow of fluid will be imaged using fluorescing microscope both in 2-D and 3-D. The 3-D microscope is in the University of Pennsylvania so some time must be devoted to going to U Penn to be trained on the microscope by their technicians. After imaging the flow in simple tube configuration, I hope to look at the fluid flow in different tube configurations (T's and Y's for example).