

EE491 Senior Design I - Weekly Report 9

Group Number: May1634	Date: 10/27/15 - 11/3/15
Project Name: Studying cell behaviors in 3D microtissues using a LabChip	
Advisor: Long Que	
Client: Long Que	

The team

Role	Group Member
Group leader	Jonathan Yatckoske
Team Webmaster	Yaxiong Zhang
	Chun-Hao Lo
Team Communication Leader	Yuqian Hu
Team Key Concept Holder	Kaiyu Xu

Attendance (meeting date: Oct. 30th 2015)

Jonathan Yatckoske	In person
Chun-Hao Lo	In person
Yaxiong Zhang	In person
Kaiyu Xu	In person
Yuqian Hu	In person

Accomplishments of past week

Group meeting. Doing research on color tracking in Matlab. Decide what functions needed for the project and where to use them.

Discuss problems and concerns about the coding process.(Two cells in the same chamber, cells' center point overlapping, tracking the z-direction movement)

Plan for coming week

1. Come up with skeleton code for cell trajectories in 2D plot.
2. Get cell movement plots from the lab. Test the code we come up with.

Pending issues

None.

Individual contributions

Jonathan Yatckoske	Work on skeleton code
Chun-Hao Lo	website maintenance; come up with the general coding process
Yaxiong Zhang	website maintenance; decide what Matlab functions to use
Kaiyu Xu	Take down meeting notes
Yuqian Hu	work on weekly report

Individual hourly contributions

Name	Week Hours	Cumulative Hours
Jonathan Yatckoske	2.5	16.5
Chun-Hao Lo	2.5	17
Yaxiong Zhang	2.5	17.5
Kaiyu Xu	1	12.5
Yuqian Hu	1.5	16.5