

Weekly Status Report

2/1/19 - 2/8/19

Printed Miniature Nutrient Sensors

Advisor

Dr. Liang Dong

Group #19 Members

Jonathan Hugen

Samuel Keely

Jeremy-Min-Yih Chee

Clayton Flynn

Ritika Chakravarty

Weekly Advisor Meeting 2/7/19

This week, our meeting was cancelled because our advising professor was in Arizona for a conference. We corresponded via email and have our normal scheduled meeting next week Thursday as there is no other time that works for our group. Our project can't be described over email efficiently so an in situ meeting is necessary. Last week our scheduled meeting was cancelled due to weather so our group is still waiting for project details. The only meeting we've had so far was on week number one and we had a very brief introduction to the project and got a tour of the labs we will be working in. We also discussed how to gain access to the labs because we needed to get special permissions and key cards to get into the rooms.

Weekly Group Meeting 2/6/19

We discussed the questions we needed to ask Dr. Dong to start assigning group roles and responsibilities. The topics we covered were the environment that our sensors would be located in, cost constraints, performance thresholds, capabilities, durability thresholds and testing, power requirements, and system robustness expectations. We also established a weekly meeting location which we will be using for the remainder of the semester. Our meeting lasted one hour.

Pending Issues

Our group is at a major disadvantage right now because the project details are still largely undefined. The weather hasn't allowed us to meet with our professor, and Dr. Dong has several conferences scheduled throughout the year. This shouldn't be much of an issue later on, but at the moment our group is still waiting for instruction. These issues are out of our control.

Individual Contributions

Member	Projects	Hours	Total Hours
Jonathan Hugen	- Attended meetings - Weekly report - Meeting minutes	2	2
Samuel Keely	- Attended meetings - Discussed questions to ask Dr. Dong	2	2
Jeremy-Min-Yih Chee	- Attended meetings - Discussed questions to ask Dr. Dong	2	2
Clayton Flynn	- Attended meetings - Discussed questions to ask Dr. Dong	2	2
Ritika Chakravarty	- Attended meetings - Discussed questions to ask Dr. Dong	2	2

Jonathan Hugen

- Tasks yet to be defined.

Samuel Keely

- Tasks yet to be defined.

Jeremy-Min-Yih Chee

- Tasks yet to be defined.

Clayton Flynn

- Tasks yet to be defined.

Ritika Chakravarty

- Tasks yet to be defined.

Future Plans

Next week we hope to have a high level system schematic and all the relevant information for our project plans by early next week if our schedules permit. We have a list of questions to ask Dr. Dong at our next meeting. We also would like to meet the graduate students we will be working with. Lastly, we would like to obtain portions of the slideshow presentation that he has put together during the grant approval process for this project. His slideshow should have most of the information we need to understand the scope of the project.