

# Senior Design 491 Weekly Report 2

Date : 9/18/2017

**sdmay18-10:** Patch-clamp microchip testing circuit interface

Client & advisor : Que Long

Team member & Roles :

---- Chenhang Xu - team communication leader

---- Daiyuan Ding - team webmaster

---- Li Qian - team leader & time keeper

---- Junhua Hu - Team designer

---- Ningyuan Zhang - team programmer

---- Yigao Li - team test leader

## Weekly summary :

Regular team meeting done. Reading the material given by instructor. Trying to figure out how to design the circuit, but still lack of some related background knowledge, getting connected with instructor about this part. Overall, still need more time to do research about the patch-clamp microchip circuit structure, understanding fully to accomplish the following works.

## Past Week Accomplishments

Member name	Accomplishments
Chenhang Xu	meet with project advisor
Daiyuan Ding	meet with project advisor
Li Qian	meet with project advisor
Junhua Hu	meet with project advisor
Ningyuan Zhang	meet with project advisor
Yigao Li	meet with project advisor

## Pending issues

Member name	Accomplishments
Chenhang Xu	Contact Dr. Long
Daiyuan Ding	Website,files uploading
Li Qian	Draft project plan

Junhua Hu	Not pretty familiar with design circuit
Ningyuan Zhang	Draft weekly report
Yigao Li	deep understand of the manual

### Individual contribute

Name	Individual Contributions	Hours this week	Hours Cumulative
Chenhang Xu	Contact with professor to schedule the first group meeting. Read the document and do research.	3	3
Daiyuan Ding	Meet with advisor and read the documents. Website setup and responsible for file uploading.	3	3
Li Qian	Meet with the graduate student to know the progress of the fabrication	3	3
Junhua Hu	Read the document and do research. Website setup and upload the first document.	3	3
Ningyuan Zhang	First meet with professor. Read the document and do research on the circuit.	3	3
Yigao Li	First group meeting with professor. Meet the graduate student to know the basic knowledge of patch clamp circuit.	3	3

### Comments and Extended Discussion

Waiting to get more documents from advisor.

### **Plan for Coming Week**

Form the regular meeting to do research on the patch clamp testing circuit

Let advisor show us tools we need to use during project.

Meet with assistants and graduated students assigned to us.

### **Summary of Weekly Advisor Meeting**

Got the first look of our project and set up contact schedule with Dr. Long. Get the document from professor and we can start to working on it.