

Liquid Controller

Client: *Ian Bird, Ph.D*

Team Members:

Steve Welch (Leader)

Joe Decker (Communications)

Justin Gearing (BSAC)

Dan Miller (BWIG)

9/5/08 – 9/11/08

Problem Statement:

Currently, reagents are added manually when testing cell signal functioning under a microscope. This leads to problems regarding accuracy of timing and amount. To resolve this issue, an automatic system is desired. This system will use pumps controlled by a computer interface to precisely deliver required reagents.

Last Week's Goals

- Establish team roles
- Contact client
- Meet client
- Begin background research

Summary of Accomplishments

- Team roles established
- Client contacted
- Meeting with client has NOT yet taken place

This Week's Goals

- Meet with client – 1:00 pm Friday, September 12, in Meriter Hospital lobby
- Initiate background research
- Brainstorm design ideas

Project Difficulties

- Finding appropriate time when everyone is available for meeting

Activities

- Waiting for meeting

Expenses

- None thus far

