

## Smith Lab Meeting

### **Individuals in Attendance**

Rabia Nasir, Mona, Bianca, Christian\*, Sydney\*, Giselle Cameron, Elissa Dow, Tamzin Blewett, Captain Choi, Farah Ateeq, Alex Carvajal and Holly Gray

### **Opening Remarks - Scott Smith/TAMZIN!! Announcements**

- Scott not here this meeting.
- Undergrads will have reading week next week.
- Presentation next meeting: Tamzin.
- Lab treats: Elissa.
- Phase II of the lab clean up (to set date next meeting)

### **Lab Issues**

- check for invoice for thiol kit – if not ask scott for invoice (sigma).
- Giselle to clean the acid bath (glassware to be out tomorrow by 3-4pm).

### **Lab Member Updates**

<i>Individual</i>	<i>Weekly Update</i>
Farah Ateeq	<ul style="list-style-type: none"> <li>- measured samples for sRP and sTP</li> <li>- still working on ten cm light path</li> <li>- are thinking of switching to autoanalyzer</li> <li>- preparing samples to run on ICP</li> <li>- marking blows</li> <li>- working on newsletter article corrections</li> </ul>
Tamzin Blewett	<ul style="list-style-type: none"> <li>- went sampling this week</li> <li>- running furnace</li> <li>- meeting with scott tomorrow</li> </ul>
Giselle Cameron	<ul style="list-style-type: none"> <li>- marking</li> <li>- drying membrane – looks the same</li> <li>- evaporation rate not a problem?</li> <li>- will try testing the different thicknesses next week</li> </ul>
Alex Carvajal	<ul style="list-style-type: none"> <li>- writing – expanding on intro</li> <li>- wrote methods for the other chapters</li> <li>- meeting with scott tomorrow</li> <li>- done experiments</li> </ul>
Captian Suyoung Choi	<ul style="list-style-type: none"> <li>- working on writing thesis – intro done</li> <li>- scott sending corrections</li> </ul>
Elissa Dow	<ul style="list-style-type: none"> <li>- met with Tamzin and will be working with the samples from east coast (running fluorescence)</li> <li>- old samples – will run fluorescence to see if there has been a change over time</li> <li>- will do list of things that scott sent (with samples)</li> <li>- dried membrane, looks the same – evaporation not an issue</li> </ul>
Holly Gray	<ul style="list-style-type: none"> <li>- went sampling</li> <li>- writing manuscript</li> </ul>

	<ul style="list-style-type: none"> <li>- running ICP tomorrow (multi-element standard)</li> <li>- will be using chloride electrode electrode</li> </ul>
Christian	<ul style="list-style-type: none"> <li>- tested OrthoP and TP samples with 10 cm cuvette</li> </ul>
Mona	<ul style="list-style-type: none"> <li>- working with Rabia (being trained by Rabia)</li> <li>- titrations</li> </ul>
Rabia Naisr	<ul style="list-style-type: none"> <li>- marking</li> <li>- confirmed that we will get the free kit from cayman (thiol kit)</li> <li>- scott should have an invoice for the thiol kit</li> <li>- training mona on titrations today, tomorrow and next Friday</li> <li>- next week: writing and getting manuscript out</li> <li>- HACH kit</li> <li>- will be setup at UW (teaching lab) until December</li> </ul>
Sydney	<ul style="list-style-type: none"> <li>- volunteering</li> <li>- researching membrane osmosis system</li> </ul>
Bianca	<ul style="list-style-type: none"> <li>- midterms this week</li> <li>- intro almost done for proposal</li> <li>- prepared electrolyte for samples</li> <li>- must be trained on furnace</li> <li>- meeting with Scott tomorrow</li> </ul>

**Lab Presentations:**

Rabia – Silver interactions with DOM in raw sewage (projector not working, will do presentation next week).