

Date: 29 October 2015

## **Smith Lab Meeting**

### ***Individuals in Attendance***

Mona Alshammari, Bianca Pereira, Christian Agueci, Rabia Nasir, Tamzin Blewett, Captain Choi, Giselle Cameron, Elissa Dow, Farah Ateeq, Alex Carvajal and Holly Gray

### ***Individuals in Absentia***

Ben Chen, Matt Boag, Sydney (volunteer)

### ***Opening Remarks - Scott Smith Announcements***

- Scott here Wednesday (4 Nov), Thursday (5 Nov – Sam's Birthday) and Monday (9 Nov) - away 11 November – 24 November (Amazon)
- Holly to run lab meeting: 5 November
- will know next week if we get purifics money
- presentation slides from writing workshop to be sent out via email
- 680 presentations open to lab members – date TBA
- Tamzin gone next week
- Presentation next meeting: Ferra !
- Phase II of the lab clean up (to set date soon...)

### ***Lab Issues***

- Giselle to clean the acid bath after sample is tested on ICP (by Holly)
- Waste job up for grabs

### ***Lab Member Updates***

<i>Individual</i>	<i>Weekly Update</i>
Farah	<ul style="list-style-type: none"><li>- Finished article – small comments from vk</li><li>- Tomorrow training Christian on the auto analyzer</li><li>- worked with autoanalyzer today</li></ul>
Tamzin	<ul style="list-style-type: none"><li>- Friday – panicked Ar call</li><li>- working on first paper</li><li>- presentation for SETAC</li><li>- setting up for after SETAC</li><li>- After SETAC urchins are coming</li><li>- Elissa and Bianca helping with setup for upcoming tests</li><li>- writing newsletter</li><li>- need SOP for radio-Ni</li></ul>
Giselle	<ul style="list-style-type: none"><li>- got slope of 33 for electrode (only one trial)</li><li>- working on shipping</li><li>- getting p card from Scott for shipping</li></ul>
Alex	<ul style="list-style-type: none"><li>- Scott finished modelling – results look reasonable</li><li>- writing workshop</li><li>- REE meeting</li><li>- writing</li><li>- modelling/corrections</li></ul>

	- figures
Captian Choi	- writing introduction and chapter 2 - reanalyzing data from last year and fitting to isotherm - presentation for CH680
Rabia	- waiting for IHSS standards that Holly will order to measure DOC - need to get retrained on furnace (check calibration) - Holly to order items in email
Elissa	- made membrane with $\frac{1}{2}$ recipe - thinner but looks really different - started calibration - filling solution – Nickel nitrate with KNO <sub>3</sub> - solutions – water with nickel sulfate
Holly	- ran test last week to be measured Tuesday (ICP) - set up for test and have to pick up carboy (AnMBR) today - Sunday – Monday (test), Tuesday (ICP/TOC), Wednesday – Thursday (Test), Friday ( ICP) - meeting on Wednesday - reviewing technologies for next phase - gone 9 November – 17 November
Mona	- did EDTA titration, good result - doesn't match model - repeat EDTA titration tomorrow - to check solution and concentration calculations
Christian	- I did nothing (midterms this week)
Bianca	- running preliminary reactions all week - increased resin instead of Ni - once NaNO <sub>3</sub> comes in will do another set of reactions - midterms next week - - tests will go into next week

### **Lab Presentations:**

SETAC Practice Presentations:

Tamzin – Investigating the effect of DOC on Ni toxicity to marine invertebrate early life stages