



Shoreline Community College

16101 Greenwood Avenue North

Shoreline, WA 98133

Biotech Advisory Committee Meeting

Minutes

June 10th 2013

Central Conference Room (1000 Bldg.)

Attendees:

Jason Frazier—Presage Biosciences

Pamela Gee-Oliver—Bio-Rad Laboratories

Jenna Gravley—FHCRC

Julie Hill—Dendreon/Full Spectrum Cytometry

Richard Mitchell—FHCRC

Reitha Weeks—NW Assoc. for Biomedical Research

Guy Hamilton—SCC

Joyce Fagel—SCC

Fikru Diro for Dave Cunningham—SCC

Susan Hoyne--SCC

1. Welcome and introduction

2. Approval of Minutes from the December 17th 2012 meeting

Approved by unanimous consent

3. Report on the new workshop series with NWABR and renewal of Amgen grant

- 3 part workshop series
- 2nd workshop held in February, more than half of participants had taken the first workshop. This workshop focused on DNA purification, PCR, and Sequencing. They used DNA barcoding to ID the specimens
- Participants were excited to integrate this into their curriculum. Students can select a specimen (usually fish from a store or restaurant) and test it to make sure the fish was labeled correctly. 10-25% of samples are usually incorrectly labeled.
- There is a plan to partner with Ventura to learn how to ID new species next year
- 3rd workshop is scheduled for late June; it will go over cloning and RFP. 16 participants have already signed up, most have taken the first workshops

- These workshops are used to make better connections with teachers to help get more students. Already there are double the amount of teachers involved this year than last year and 3500 more students benefiting this year.
- The Amgen grant was renewed for the next 2-3 years

4. Update on internship partnerships

- Novo Nordisk has a second summer intern already signed up, this is a 10 week program in which the student does a poster presentation at the end to show what they worked on
- Seattle Genetics has new internships this summer
- Presage has one intern this year
- FHCRC hired four interns
- Weyerhaeuser and Emerald Bioscience inquired if there were any students wanted to intern with them
- Internship usually means time commitment to employers, however the SCC program is actually “work experience”, so maybe we need to re-word what we ask of employers
- The SCC program requires 1-2 credits, so 30-60 hours of internship or work experience, so maybe we need to approach companies in a different way.
- Maybe also try to go to temp agencies and say we have students that need work experience

5. Fund raising plans – Grant opportunities

- Washington Stem Network Center – we have an opportunity to become a center, we already align with other programs and soon we will align with UW engineering. We have good chance to win this grant
- UW grant may have been funded but we are waiting for confirmation. This includes an internship program under UW
- Institute of Systems Biology is aggressive with grants, we may be able to partner with them
- DOL grant – may have another opportunity to apply during the next round

6. Discussion – Development of new opportunities to partner with the program

- We need to get more experiences for the students
- We could get board members to ask for help from colleges to help with internships/work experience. Another option is information interviews and tours. Students could then get an

idea of what a real working lab is like and ask questions. This would also increase awareness of the program among the industry.

- Another idea is getting post docs or others who want good resume material to guest lecture or mentor a student. This would also be a good opportunity for those who might want to teach to get some experience and see what it's like.
- A good start would be to create guidelines for how companies can interact with SCC and the students
 - i. Internships
 - ii. Work experience
 - iii. Informational interviews
 - iv. Teaching/mentoring

7. New Business

- Members were asked to review the current courses and suggest any new updates or additions that might be needed
- Several suggestions were made for new material: regulatory affairs, database information, computational analysis, and ethics

Meeting adjourned with the decision to create two subcommittees to discuss new ways to interact with the industry

- Committee 1
Define opportunities industry reps could do for our students (like internships)
- Committee 2
Define opportunities industry reps could do for SCC (like guest lecture)