

Biotechnology Advisory Committee Minutes

Monday, December 1, 2014

4:00 - 5:30 PM

Central Conference Room, 1000 Building

MINUTES

Present:

Industry Representatives:

Robert Finney, Xactagen
Jason Frazier, Presage Biosciences
Sherree Friend, Amnis-part of EMD Millipore
Pradip Ghate, Inventprise LLC
Sandra Porter, Digital World Biology
Reitha Weeks

Shoreline CC Members:

Guy Hamilton, Biology/Biotechnology Program Chair
Joyce Fagel, Academic Advisory
Dan Fey, Dean Workforce Education

Guest:

Maureen Munn, Genome Science/University of Washington

Approval of Minutes

Minutes unanimously approved from June 11th meeting.

Report on Project Biotech and New Series

Reitha Weeks reported on the success of Project Biotech. Launched the effort in March of 2014 and had a full camp with a waiting list of six students. Through industry donations, seven students were able to attend the camp on scholarship. 23 total students participated in the camp, with one cancellation the week before the camp started. Pre and post surveys were conducted and the data was analyzed and presented in a report. A PDF copy of the report can be found on the Project Biotech Web site. A major finding in the surveys was the need to have two separate camps. A basic biotech "boot camp" and an advanced topics camp. We have submitted two proposals to fund the new camps, one to the Honda Foundation and the second to the SCC Innovation and Opportunity Grant. The goal will be

to create a series of three camps, one introductory and two advanced camps within two years.

Fundraising for Scholarships to the New Camps

Reitha Weeks also spoke about fundraising efforts to support scholarships for the new camps. She distributed sponsorship materials to the attendees and described the new funding options. We are hoping to support at least four students on scholarship for each camp. We also realized that we under budgeted for the first camp, so the new funding levels have been corrected to fully support the students in the camp. These materials have all be posted on the Project Biotech Website.

NSF Grant Proposal—Undergraduate Pathway

Maureen Munn from UW the institute of Genome Sciences discussed an NSF grant proposal to partner with the SCC Biotech program to create an undergraduate pathway for SCC students to be exposed to genome science research opportunities while at SCC. The proposal will involve the creation of a science identity course, the integration of GS modules in biology courses and career advising for students in the pathway. Students will potentially apply for undergraduate research positions at the UW or entry into the SCC biotech program. Industry partners could provide career mentoring or internships options for some students. The deadline for this grant is mid January.

A second discussion centered on providing experiences for the current students in Winter Quarter. Several board members volunteered to either host a lab tour or come and speak to the students on campus to give the current students a better idea about the local industry.

Revision to the Biotech Web Site

Bob Finney discussed potential revisions to the Biotech web site to help employers better understand the type of work that SCC students do in the program. Several board members provided input on the types of information that would be helpful for them to see from the viewpoint of a potential employer. Bob will be working on this project Winter and Spring Quarters.

The Development of independent research opportunities at SCC discussion was tabled until the next meeting

Meeting was adjourned at 5:00 p.m.

Notes taken by Guy Hamilton