



Shoreline Community College

16101 Greenwood Avenue North

Shoreline, WA 98133

Biotech Advisory Committee Meeting

Minutes

December 12, 2013

Central Conference Room (1000 Bldg.)

Attendees:

Bob Finney—Xactagen

Pamela Gee-Oliver—Bio-Rad Laboratories

Dina Kovarik— Institute for Systems Biology

Sandra Porter—Digital World Biology

James Trager—Dendreon

Reitha Weeks—NW Assoc. for Biomedical Research

Guy Hamilton—SCC

Susan Hoyne--SCC

Minutes approved with minor corrections

Report Amgen Grant - Workshop series

Dina reported on the 3 part series of workshops: 14 teachers participated in the first workshop, 12 teachers have registered for the 2nd and 3rd workshops to be held in February and June.

Dina summarized the laboratory experience in the workshops, a combination of molecular biology and bioinformatics curriculum. Early returns have been very good based upon the post workshop surveys.

We are also proposing to develop summer workshop/camp for high school students. It will be a collaboration between SCC Biotech program, the Amgen Biotech Experience and Institute for Systems Biology to develop the curriculum for a week long camp. We will submit a grant proposal to the SCC innovation fund to provide the seed money, but we will have to develop a model to sustainably fund the camps for future years.

Report UW NSF grant partnership

We worked with Bonny Brewer, M. K. Raghuraman and Maitreya Dunham to develop a one-week module for the Molecular Biology course in the fall focusing on the biology of origins of replication. The module included lectures and 2 laboratory sessions. There is the potential for 1 to 2 internships for students in the program to work at the UW in the summer.

Developing opportunities for industry partnerships with the SCC Biotech Program

We discussed different types of ways in which industry labs could support the SCC biotech program. The issue is that the term “internship” can seem like quite a commitment for companies or lab to take on. Can we develop a catalog of different opportunities that might not seem as intrusive to companies and allow them to work with our students at different levels. The following options were discussed:

- Tour of facility with description of research stations
- Meeting session with a research scientist expert in specific technologies of interest
- Guest lecture of a research scientist to Shoreline CC for a specific topic
- Student mentoring during specific project assignment
- Review of student project assignments
- Traineeship on site, summer months
- Full-time employment offer

The options above were assigned to subgroups to further define the extent of the time commitment required for a partner to fulfill the roles identified above. A meeting was set up on January 28th to be hosted by NovoNordisk to put all of these descriptions together.

Meeting adjourned at 5:30.