



Career Education and Workforce Development

Biology Division

Biotechnology

Advisory Committee Meeting

Thursday, February 4, 2021

1:00 pm to 2:30 pm

CCCConferZoom

Unadopted Minutes

Present: Dr. Eduardo Ayala (Ophidian/GCC Bio Adjunct), Joseph Beeman (Bio Division Chair, GCC), Rosemarie Christopher (RxRS Foundation), Dr. Ira Clark (Associate & Program Administrator, Biomedical Research Minor, UCLA), Sharis Davoodi (Student Services Technician, GCC), David Hernandez (Student, GCC), Robert Hernandez (Student, GCC), Rafael Ibarra (Head of Quality Control, Takeda), Dr. Wendie Johnston (Lab Director, Pasadena Bio Collaborative), Dr. Edward Karpp (Dean of Research & Planning, GCC), Shelby McIntyre (GCC), MaryAnn Pranke (Verdugo Workforce Development Board), Dr. Terri Quenzer (Sector Navigator Life Science/Biotech), Federico Saucedo (Interim Dean, Career Technical Education, GCC), Elizabeth Schultz (Director of Human Resources, Takeda), Andra Verstraete (Program Manager III, Career Services, GCC), Dr. Howard Xu (Director of Post-bac Certificate Program in Biotechnology; Director of incubator Development and Programming, CSULA), Stephanie Yau (Adj. Career Counselor/Cooperative Education Instructor, GCC), and Willie Zuniga (President, Grifols)

Absent: Orenda Tuason (Crescenta Valley High School), Judy Velasco (Verdugo Workforce Development Board),

Agenda:

1. Call to Order: Meeting called to order at 1:02 pm
2. Welcome & Introduction: Dr. Thai and co-Chair of the committee, President of Grifols Willie Zuniga, welcomed members and introductions were made.
3. Introduction to Glendale Community College: Dr. Thai presented general background information on GCC campus and curricula offered
4. Development of Biotechnology Program:
 - a. Dr. Thai presented overview of biotechnology, the industry, and labor market data (LMI), skills employers require. The new Biotechnology discipline has been approved by the Biology Division; it will need to be approved by the Senate.
 - b. Three new Biotechnology courses will be developed. Dr. Thai discussed the content of the course and has submitted them for review at Curriculum & Instruction Committee. The courses are BIOL 140 – Introduction to Biotechnology with Laboratory (4 units), BIOL 141 – Applied Biotechnology I with

Laboratory (4 units), and BIOL 142 – Applied Biotechnology II with Laboratory. These courses are currently under the Biology discipline. When the new Biotechnology discipline is approved, these courses will also be placed under the Biotechnology discipline.

- c. Dr. Thai also presented the curricula for the stackable certificate program and the Biotechnology AS degree. The certificates are:
 - i. Biotechnology Certificate of Achievement
 - ii. Biotechnology Research Lab Assistant Certificate of Achievement
 - iii. Biotechnology Research Lab Technician Certificate of Achievement
- d. Approval of Biotechnology Certificate Program:
 - i. Dr. Wendie Johnston (1st), Dr. Terri Quenzer (2nd) motion for approval
 - ii. Motion passed unanimously
- e. Approval of Biotechnology AS Degree
 - i. Andra Verstraete (1st), Sharis Davoodi (2nd) motion for approval
 - ii. Motion passed unanimously
5. Internship, Work-Based Learning and Research opportunities
 - a. Dr. Thai discussed possible research opportunities for students.
 - b. Liz Schultz discussed internship opportunities at Takeda
 - c. Andra Verstraete and MaryAnn Pranke discussed potential monetary support of work-based learning for students
6. Biotech industry-recognized credential – BioTC (**Biocom Institute Technician Credential**) – Willie Zuniga, President, Grifols presented. Test questions generated by faculty from LAMC and LAVC, W. Zuniga, and approved by industry participants (e.g. Biocom). GCC will administer the test via Canvas.
7. Outreach/recruitment/dual enrollment
 - a. Dr. Thai discussed potential outreach and recruitment strategies to neighboring high schools (e.g. Crescenta Valley High, Glendale HS, Clark Magnet HS, etc.)
 - b. There is discussion of potential dual enrollment with Crescenta Valley High with support from biotech instructor Orenda Tuason, not present at meeting.
8. Faculty externship
 - a. Dr. Thai discussed interest in a faculty externship at a biotech company
9. Recommendations/Industry Representative Updates
 - a. No current updates from industry representatives
10. Determine next meeting date/time
 - a. Potential next meeting in August 2021. Date and time TBD
11. Meeting adjourned at 2:30 pm