



Pasadena City College Biotechnology Program

CTE Advisory Committee Meeting

1:30pm-3:00pm, Friday, June 18, 2021

1570 E. Colorado Blvd., Pasadena, CA 91106

Meeting held via Zoom



Time	Agenda Description	Facilitator	Outcome
1:36pm	<b>Call to Order</b>	Barbara Driscoll, Ph.D., Chair	Informational
1:36-1:57pm	<p><b>Welcome and Introductions</b></p> <p><b>In attendance:</b> Barbara Driscoll, Martha House, Pamela Eversole-Cire, Karol Lu, Marilyn Johnson, J. Jack Whalen, Aron Kamajaya, Janet Chen, Justin Ichida, Jack Hale, Robert Chow, Eleanor Tsark*, Emily Bangham*, Manuel Santana*, Jeffrey Cole*, Francesca Mariani**, Marie Csete**</p> <p>*New committee member **In attendance during presentation of funding opportunities and open discussion</p>	<p>Pamela Eversole-Cire, Ph.D. Program Director</p> <p>Karol Lu, Ed.D. Program Coordinator</p> <p>Committee Members</p>	Informational
1:57pm	<b>Approval of minutes from June 19, 2020 meeting</b>	Barbara Driscoll, Ph.D., Chair	Informational
1:58-2:48pm	<p><b>Overview of the PCC Biotechnology Program Certificates of Achievement (CoA):</b></p> <ul style="list-style-type: none"> <li>Update of CoA – Computational Biology, including course update for Biology 28: Introduction to Bioinformatics and use of MinION sequencing device in the course – Jeffrey Cole, Ph.D.</li> <li><b>Vote:</b> CoA – Stem Cell Culture and proposal for A.S. degree. <i>Committee members voted and approved</i> by unanimous consent to modify current CoA and propose a related A.S. degree</li> </ul> <p><b>COVID – 19 Response:</b> Redesign of online curriculum, use of lab kits, return to on-campus instruction</p> <p><b>Overview of Program Metrics:</b> Performance of graduates</p> <p>Enrollment (2019-2020): 89 CoA awarded (2019-2020): 24</p>	<p>Pamela Eversole-Cire, Ph.D. Program Director</p> <p>Committee Members</p> <p>Karol Lu, Ed.D. Program Coordinator</p>	<p>Presentation Informational</p> <p>Discussion</p> <p>Presentation Informational</p>



	<p>New CoA in Stem Cell-based Biomanufacturing</p> <ul style="list-style-type: none"> <li>• <b>Vote:</b> <i>Committee members voted and approved</i> by unanimous consent for development of a new Certificate of Achievement in Stem Cell-based Biomanufacturing</li> </ul>		
2:48-2:57pm	<p><b>Open Discussion</b></p> <p>Stem cell-based biomanufacturing pathway adds a training pathway for biotechnology students who are not interested in a pathway for research in academia/industry</p> <p>Potential collaboration with USC GMP Program and Dr. Ichida</p> <p>Committee members recommend seeking internship opportunities and establish partnerships with various GMP labs/facilities</p> <p>Recruitment and program marketing opportunities at UCLA MedTech Partnering Conference 2021</p>	Committee Members	Discussion Feedback
2:57-3:00pm	<p><b>Meeting Summary</b></p> <ul style="list-style-type: none"> <li>• Program Overview</li> <li>• Program Metrics</li> <li>• Update: CoA – Laboratory Skills; approved by LAOCRC and PCC Curriculum and Instruction</li> <li>• Update: CoA - Computational Biology, approved by LAOCRC and PCC Curriculum and Instruction</li> <li>• <b>Vote:</b> Committee members voted and approved a proposal to modify the CoA – Stem Cell Culture and a proposal for a new related A.S. degree.</li> <li>• <b>Vote:</b> Committee members voted and approved a proposal for a new CoA in Stem Cell-based Biomanufacturing</li> <li>• Labor Market Demands: there is a demand for middle skill and above middle skill occupations; emerging industry in gene and cell therapy and stem cell-based biomanufacturing, including labor demands</li> <li>• Funding opportunities and/or grant applications submitted: SWP, CTEA Perkins, Prop 14 – CIRM Bridges, and W.M. Keck Foundation. W.M. Keck Foundation investment award will support new GMP stem cell biomanufacturing training pathway and new CoA in Stem Cell-based Biomanufacturing</li> </ul>	Karol Lu, Ed.D. Program Coordinator	
3:01pm	<b>Adjournment</b>	Barbara Driscoll, Ph.D., Chair	