



BioSciences Advisory Board Minutes

March 24, 2022 | 5:00 | Zoom

Meeting Minutes

LPC Mission Statement

Las Positas College is an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of students' transfer, degree, and career-technical goals while promoting lifelong learning.

LPC Planning Priorities

- ❖ Establish a knowledge base and an appreciation for equity; create a sense of urgency about moving toward equity; institutionalize equity in decision-making, assessment, and accountability; and build capacity to resolve inequities.
- ❖ Increase student success and completion through change in college practices and processes: coordinating needed academic support, removing barriers, and supporting focused professional development across the campus.

BioSciences Advisory Board

Danielle Bañuelos
Segal Boaz
Monica Borucki
Jill Carbone
Sulatha Dwarakanath
Sahar El-Etr
George Farquar
Yolanda Fintchesko
Linnea Fletcher
Nicholas Heredia
Nan Ho
Stevan Jovanovich
Chandra Khantwal
Dianna Maar
Peter Mattei
Jason Maxwell
Dana Nakase
Jean O'Neil-Opipari
Poornima Rao
Robert Saul
Josie Sette
Nicole Shapiro
Vivek Sharma
Vicki Shipman
Michal Shuldman
Stephanie Sibert
Camille Troup
Victoria VanderNoot
Kristen Wolslegal
Barbara Zingg

1. Call to Order

2. Review and Approval of Agenda – 3/24/2022

- Nick Heredia/George Farquar - Approved

3. Review and Approval of Minutes – 9/9/2021

- Michal Shuldman/Nan Ho – Approved

4. Industry Updates (Hiring/Training/Internships/Trends)

- **Nick Heredia** – There is a huge need for labor, and we are having a hard time finding talent so we'd love to tap into LPC Students.
- **George Farquar** – Buzzkill Labs has recently hired two LPC Students and it has been a wonderful experience.
- **Stevan Jovanovich** – S2 Genomics is having a hard time finding people as well.
- **Nick Heredia** – Hybrid scheduling/flexible work schedules are in high demand from employees.
- **Victoria VanderNoot** – Sandia is having a challenging time with staffing, but we are opening up our internships again and plan on seeking out students for these via Handshake.
- **George Farquar** – it would be helpful if you incorporated basic maintenance into your lab instruction; things like changing oil in a vacuum pump or cleaning and maintaining equipment in general.

5. Advisory Advice

- **Advisory feedback on Technical Communication Badge**
 - **Stevan Jovanovich** – Oral Presentation Skills, MS Excel Skills, and learning how explain the design of experiments.
 - **George Farquar** – Reporting on experiments, jot down data, share graphs, and “share” from a whiteboard. Exude confidence when sharing the experiment, and do not be afraid to ask questions.
 - **Victoria VanderNoot** – Being able to explain the “why” of the experiment. What is the bigger picture?
- **Advisory ideas for BioTech Lab for BIO 1B**
 - Pipetting with standard curves
 - Positive and negative control, and why to incorporate them
 - Schematic of what is going on in the well
 - Standard curve needed – how to generate and interpret

6. Program Report

- **Results from the New BioTech Modules implemented in Fall 2021**
 - Michal shared a student survey which showed that students after taking the class came out of the course feeling more confident with their knowledge and skills. We will be offering this again in Spring 2022.
- **Update on Bioinformatics**
 - Michal updated the curriculum for bioinformatics but LPC was unable to offer it due to low enrollment.

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- **Summer Camp**
 - BioTech Boot Camp; We are planning on offering the biotech boot camp this Summer 2022 – Jason M and Amy C will teach it. July 11 – 14, will be the introductory course, and then July 18-21, will be the intermediate course. This will be marketed towards high school juniors and seniors.
 - We are hoping to turn the two week classes into a noncredit certificate and market it as a dual enrollment course for high school students.

7. Recommendations from the Board

- *None at this time*

8. Good of the Order

9. Adjournment

10. Next Regular Meeting: September 15th 2022 from 5:00 – 6:30 p.m.