



**LPC Mission Statement**

Las Positas College is an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.

**LPC Planning Priorities**

- ❖ Establish regular and ongoing processes to implement best practices to meet ACCJC standards.
- ❖ Provide necessary institutional support for curriculum development and maintenance.
- ❖ Expand tutoring services to meet demand and support student success in Basic Skills, CTE, and Transfer courses.
- ❖ Coordinate available resources to address current and future professional development needs of faculty, classified professionals, and administrators in support of educational master plan goals.

**Meeting Name**

**Members: v= present**

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

**BIOLOGICAL SCIENCES ADVISORY MEETING MINUTES**

April 1<sup>st</sup>, 2020 | 5:00 | Zoom Meeting

Meeting Minutes		
1.	Call to order by 5:02 by Darcy	Darcy Ernst
2.	Review of Agenda	Darcy Ernst
3.	Review and Approval of Minutes (September 25, 2019) Correct spelling of Dianna's name, correct Yolanda's last-name  Michal Shulman-Moved to approve minutes  Stevan Jovanovich, 2nd  Vote is Unanimous	Darcy Ernst
4.	Industry Updates	
	<ul style="list-style-type: none"> <li>• Training and Hiring Needs</li> <li>• Dianna is hiring right now, setting up Zoom, may not meet the person they will hire, online orientation, temps as well as, biotech is least impacted industry</li> <li>• Roche still hiring (Sulatha) essential employees go in the rest work from home</li> <li>• Stephanie Sibert still hiring, remote</li> <li>• George Farquar – not hiring but not firing, interns are remote</li> <li>• Stevan, hiring back last year's interns, LPC students interested?</li> <li>• Chandra – putting hiring on hold, labs still open to essential personnel only</li> <li>• Darcy, usually a surge in hiring for interns and employees in summer, what about this summer? All classes online through summer Classes entirely online students may not experience certain skills, how does industry feel?</li> <li>• Sulatha - some online things that can be done, online resources, nationwide online resource, 2-3 day certification can be done online</li> <li>• Yolanda – can certifications be completed online? Dispensation through Alameda Co. Health director for training in lab to serve in an essentially role, emergency urgent need</li> <li>• Nan- can we offer certification through community ed? Sulatha looking into it. Industry Input</li> </ul>	Advisory

- Bio-Scope Grant, embed QA/QC into curriculum (Fall and Spring), students research biotech companies, students produced plates. 4<sup>th</sup> round of funding coming up (Josie) If we get grant can hire a project manager for another year
- Nan – given that Darcy has been able to integrate QA/QC into curriculum, can students manufacture something for industry (pour plates)?
- Linnea – TX bio/lab considered essential need.
- Nick – Drive to move manufacturing back to US
- Linnea – Nimble.com and army rejuvenative medicine, trying to bring manufacturing back
- George – for Buzzkill, yes
- Nick – need nucleic assays, purchasing an oligo synthesizer. If LPC had capability may hire.
- Linnea – if Roche is having problem getting assays other companies may have the same issue.
- Tori - -trick will be purification
- Nick – assay doesn't have to be perfectly clean, LPC has a lot of nice equipment. Open LPC up for incubators?
- Darcy – challenge that there is liability and access problem. Make scientist unpaid faculty?
- George – LPC interns running things in LPC lab for Buzzkill
- Nan – can teach independent study, then scientist becomes faculty member and can supervise students, benchmarks to meet. If industry tells us what they want done students can do work. Quality at first may not be perfect, but will improve over time. Students can read plates. 3 sections of microbiology where students can grow cultures. Lab space use is so impacted, need to come up with some other mode to use incubator that can be used every day. Biotech building (eventually) that can be teaching space and incubator.
- Dianna – stability studies done at LPC? Flow sorting and flow cytometry, great entry role
- Chandra – buy cell lines from UCSF and, good to have cell line available. LPC does not have facility now, have HS students
- Sulatha – need a small room, cell lines that are accepted and approved
- Nan – can everyone send entry level job description to Jean, because we are impacted on apace, independent study can be done at industry site. Need to think through supervision and safety.
- George – Biosciences building should be in conjunction with Engineering if you want to work with small companies, ask interns about how they have been affected by the multidisciplinary approach
- Stephanie – seconds having multi-disciplinary building so that disciplines can be integrated
- Nan – in middle of building projects, looking at STEM building, donation of fluorescent scope from Sandia took a long time.
- Stevan – agreed with multidisciplinary approach does LPC have flow sorter, maybe Roche has an old one
- Nick – red tape to donate instruments, will talk to legal about donating equipment
- Dianna – Decontamination issues, usually if Bio-Rad getting rid of something its at the end of life
- Darcy – Bio-link depot
- Nan – if there was demand, infrastructure pipeline for jobs. Looking into it.

## 5. Faculty Report

- **Computational Biology program/Bioinformatics course**
- Michal – Planning on running computational bio in spring 2021, do not have an instructor, sent out course outline to let potential instructors know what job entails. What books or open access material, professional responsibility, most likely taught by someone who has a full-time job, schedule can vary (attach responsibilities),

pay scale, learning center, organize classes online, any other info needed. (Attach course outline). Flexibility up until schedule is printed, planning on evening (everyone agrees). Can look into weekend, but LPC does not have many weekend classes.

- Stephanie – Weekend class?
- Darcy – met someone who taught bioinformatics Pasadena City College. Might have someone from industry come teach
- Dianna – how flexible are hours, will the hours be decided beforehand?
- Chandra – Are guest lecturers allowed.
- Michal, yes, but instructor must be present (attach course outline)
- Darcy – reduced prereqs for course either CS or Bio30? Degree: CS7, bio, math, chem
- Stevan – curriculum, Missing cell biology. Use a flow sorter, understand how to analyze data set
- Linnea – agreed PCR, qPCR, data analysis, companies in area may be able to provide data
- Darcy - specifics up to instructor
- Steven – sending info to a friend who would love to teach at a CC. Send Michal a resume even if the position has not been posted. Get candidate into the pool.
- Nick throwing his hat in the ring as a backup
- Questions email Michal
- **Updates from the Biology Department**
- **Darcy** – NSF grant, badging biotech skills embedding into curriculum. Should hear soon. If we do get grant applying to larger grant
- **George** – implementing new \$750K funding proposals for only viruses
- **Recommendations from the Advisory Board**
- **Good of order**

6. **Next meeting date**

- **Wednesday, September 2, 5:00pm**

**Move to adjourn at 6:15**