



## 2018-19 Annual Program Update

### **Program Overview**

Please verify the mission statement for your program. If there is no mission statement listed, please add it here.

The mission of Geography program is to promote a better understanding of the interdisciplinary nature of science and its interrelationships with social and political issues of our society, especially issues that affect the Earth. All program offerings articulate with geography courses at the University of California and the California State University and provide transfer credits.

List your Faculty and/or Staff

Mark Rauzon- tenures  
Greg Schwartz, PhD- tenuredb  
Michele Forman –p/t  
Kade Hutchinson- geology p/t (this is his second semester)

The Program Goals below are from your most recent Program Review or APU. If none are listed, please add your most recent program goals. Then, indicate the status of this goal, and which College and District goal your program goal aligns to. If your goal has been completed, please answer the follow up question regarding how you measured the achievement of this goal.

Our goal is to provide quality science exposure to non-science majors and develop critical thinking skills and raising environmental awareness among the Laney College population. In a time of climate change, we help students prepare to make career and family decisions that have lasting effects.

The Geography Department provides a unique opportunity for community service by involving students with community restoration projects in Oakland's parklands, involving students with Peralta's Sustainability Program, while promoting individual responsibility. These engagements are part of Institutional Learning Outcome. Promote Global and Civic Responsibility, chosen by the College to be highlighted this year, designed to make better world and local citizens of Laney students.

Specific action steps include offering extra credit opportunities to volunteer on weekends to help clean, maintain and manage watersheds via the Friends of Sausal Creek located in the Fruitvale neighborhood and Dimond District of Oakland.

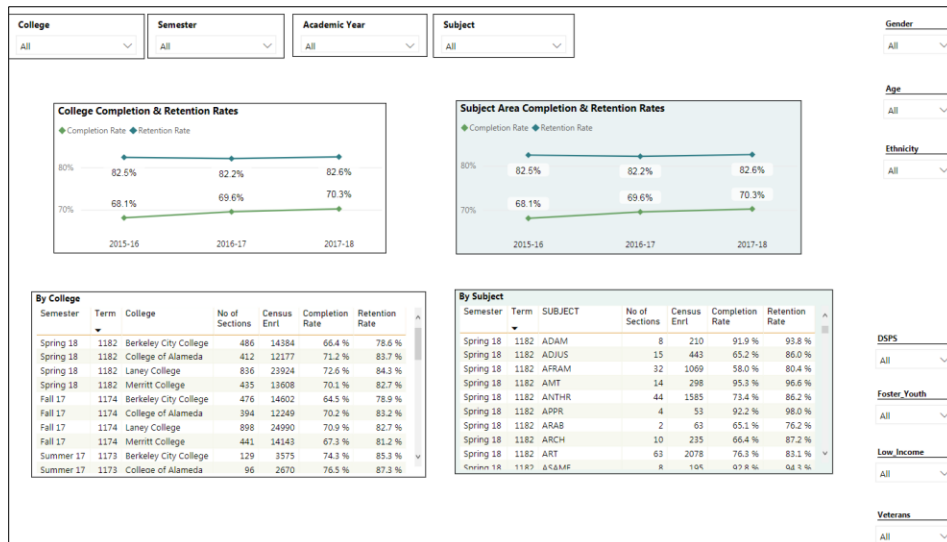
We measure the goals in SLO/ILO reviews. In 2018-19, the ILO of global awareness and environmental awareness was tested in 4 geography classes with a high degree of success, and posted to META. We are in continuing discussions with the Assessment Committee on continuing evaluation this semester.

In regards to Programs, after several years of course development building curriculum, Geography is poised to receive the Transfer Degree certificate certifying articulation with State requirements, that hopefully will be awarded this semester.

Describe your current utilization of facilities, including labs and other space

Geography/Geology Department is based in the A- quad and primarily uses A-266 for lectures and A-271 for labs, with our office in A-275. Classes also consistently occur in the B-building, next to the loud machining rooms, and occasionally in the F building.

### Program Update



### Program Update Power BI dashboard

Using the dashboard, review and reflect upon the data for your program. Describe any significant changes and discuss what the changes mean to your program. Consider whether performance gaps exist for

disproportionality impacted students. Focus upon the most recent year and/or the years since your last comprehensive program review. Cite data points from the dashboard to support your answer.

Geography course completion & retention rates (C & R) in 2017-18 were 84.2% and 92.6%, respectively, from 13 sections and 464 census enrollment. By comparison, the rates for the entire College were 72.6% and 84.3% respectively, out of 836 sections and 23,924 census enrollment, do percentages to compare.

We did 14% better in completion rates and 9% better in retention rates than did the College overall.

Specific data details indicate the Geography Dept. maintains superior completion and retention rates across all demographics in the same cohort, with some interesting details. In the core user group; deemed to be the 19-24 year cohort; it was : Females: C- 80% : R- 91.7% w/ 147 vs Laney as a whole; C&R 68.8% and 82.0%

Among males the C&R rate also was exemplary; C - - 82.0: R 94.0 % out of 133 vs Laney 's C&R= 70.3: 84.5% out of 5025,

However in the next age group, Males 25-29 yrs; our scores were less than the overall College score. C = 66.7%; R = 66.7% (n= 18) vs Laney, C= 67.6; R = 80.3% out of 1665 - This is our worse outcome, although the sample size is relatively small.

In comparing racial demographics between Asian and African-American core-aged students, we find pronounced differences:

Asian Males – aged 19-24 the C-92.7%; R -97.6% out of 41 vs Laney, C- 77.9%; R -89.4% out of 1593 students

African-American males 19-24 had C-72.2%; R- 94.4% out of 36 vs. Laney's rate of C- 63.1% and R-81% out of 1084

While C&R rates for African-American males were less than Asian males, the overall rates surpassed the College's.

We attribute this to our ability to attract African-American males from the Athletic Dept and retain them in classes due to efforts to engage their class involvement by our staff.

Laney GEOG is superior in comparison to other Peralta Colleges;

SPRING 18-

College of Alameda – Completion – 64.7%	Retention – 81.3%	number of students = 424
Berkeley City College	C- 55.5%	R - 76.2% n= 164
Merritt College	C- 59.2%	R - 81.6% n= 49
Laney College	C –84.2%	R – 92.6 % n- 464

Student enrollment has been relatively steady in the Geography dept.

2015 –Fall	446 w/12 sections
2016 – Fall	482 w/ 13
2016 – Spring	486 w/ 13
2017 – Spring	540 w/ 14
2018- Fall	464

A NOTE OF REFLECTION: The College of Alameda is planning on offering almost all of their Fall 2019 Geography courses online to get as many FTES as possible. The numbers I've gleaned above about enrollment are likely to change in relation to the competitive spirit of our sister school, and the academic integrity of reduced dynamically dated courses should be assessed.

Describe the department's progress on Student Learning Outcomes (SLOs) and/or Administrative Unit Outcomes (AUOs) since the last Program Review/APU. If your discipline offers a degree or certificate, please describe the department progress on Program Learning Outcomes (PLOs).

We have completed a review of the majority of the SLO's and this graphic shows the rate of completion of the SLO in all offered classes, Geog 1, 1L, and Geog 2. plus the ILO #4 from Fall '18.

<b>GEOG 1 ##### SLO2 Fall 2017</b>		<b>Active</b>
Subject:	GEOG	Created On: 11/27/2017
<b>GEOG 1 41775 SLO1 Spring 2017</b>		<b>Draft</b>
Subject:	GEOG	Created On: 1/19/2018
<b>GEOG 1 41775 SLO3 Fall 2017</b>		<b>Active</b>
Subject:	GEOG	Created On: 12/27/2017
<b>GEOG 1 41776 SLO1 Fall 2017</b>		<b>Active</b>
Subject:	GEOG	Created On: 1/20/2018
<b>GEOG 19 28071 SLO1 Spring 2018</b>		<b>Active</b>
Subject:	GEOG	Created On: 5/18/2018
<b>GEOG 1L 25688 SLO1 Spring 2018</b>		<b>Active</b>
Subject:	GEOG	Created On: 5/18/2018

<b>GEOG 1L 42245 SLO3 Fall 2017</b>		<b>Active</b>	
Subject:	GEOG	Created On:	1/20/2018
<b>GEOG 1L 42751 SLO2 Fall 2017</b>		<b>Active</b>	
Subject:	GEOG	Created On:	1/20/2018
<b>Geog 2 fall 18 #1</b>		<b>Draft</b>	
Subject:	GEOG	Created On:	2/13/2018
<b>Geog 2 fall 18 #3</b>		<b>Draft</b>	
Subject:	GEOG	Created On:	2/13/2018
<b>Geog 2 fall 18 #4</b>		<b>Draft</b>	
Subject:	GEOG	Created On:	2/13/2018
<b>Geog 2 Fall 18/#2</b>		<b>Draft</b>	
Subject:	GEOG	Created On:	2/13/2018
<b>Geography</b>		<b>In Review</b>	
Subject:	GEOG	Created On:	12/20/2018

Describe the outcomes and accomplishments from previous year's funded resource allocation request.

<b>Brief description of funded request</b>	<b>Source (any additional award outside your base allocation)</b>	<b>Total Award Amount</b>	<b>Outcome/Accomplishment</b>
Supply funds were given for lab supplies.	NA	\$500.00	Water Quality testing continues


**Prioritized Resource Requests Summary**

In the boxes below, please add resource requests for your program. If there are no resource requested, leave the boxes blank.

<b>Resource Category</b>	<b>Description/Justification</b>	<b>Estimated Annual Salary Costs</b>	<b>Estimated Annual Benefits Costs</b>	<b>Total Estimated Cost</b>
<b>Personnel: Classified Staff</b>	NA			
<b>Personnel: Student Worker</b>	MA			
<b>Personnel: Part Time Faculty</b>	Having a second P/T faculty	\$20,000?	\$2,000	\$22,000?

	Would be helpful to keep all courses going, and to develop a fall-back in case of faculty change. Specialist in Geographic Information Systems would expand our offerings and merge into a CTE category.			
<b>Personnel: Full Time Faculty</b>				

<b>Resource Category</b>	<b>Description/Justification</b>	<b>Total Estimated Cost</b>
<b>Professional Development: Department wide PD needed</b>		
<b>Professional Development: Personal/Individual PD needed</b>	Conference travel and support.	\$2,000

**Prioritized Resource Requests Summary - Continued**

<b>Resource Category</b>	<b>Description/Justification</b>	<b>Total Estimated Cost</b>
<b>Supplies: Software</b>		

<b>Supplies: Books, Magazines, and/or Periodicals</b>		
<b>Supplies: Instructional Supplies</b>		
<b>Supplies: Non-Instructional Supplies</b>		
<b>Supplies: Library Collections</b>		

<b>Resource Category</b>	<b>Description/Justification</b>	<b>Total Estimated Cost</b>
<b>Technology &amp; Equipment: New</b>	GIS Licences, computer, training	
<b>Technology &amp; Equipment: Replacement</b>	New Printer. Scanner	\$250

**Prioritized Resource Requests Summary - Continued**

<b>Resource Category</b>	<b>Description/Justification</b>	<b>Total Estimated Cost</b>
<b>Facilities: Classrooms</b>		



<b>Facilities: Offices</b>		
<b>Facilities: Labs</b>		
<b>Facilities: Other</b>		

<b>Resource Category</b>	<b>Description/Justification</b>	<b>Total Estimated Cost</b>
<b>Library: Library materials</b>		
<b>Library: Library collections</b>		

<b>Resource Category</b>	<b>Description/Justification</b>	<b>Total Estimated Cost</b>
<b>OTHER Fab Lab was utilized in Fall 2018 by geography lab to manufacture maps using the laser cutter, of the watershed on campus, the Laney Estuary</b>	<b>This exposed 30 students to the technology of map making via lasers, and the high tech equipment to stimulate career choice..</b>	0 but could support program in some way