FY2018-19 Divisional Budget Dashboard (May)

Berkeley UNIVERSITY OF CALIFORNIA

SAMPLE DIVISION A

Circled Letters represent the relevant narratives piece copied over from the Budget Narrative letter submitted by Division A. (Please refer to the same circled letters on the Budget Narrative letter for cross reference.)

Top 3 Discussio

A

- Start-up & rete … P & CR.
- Summer Sessions Revenue return to academic units.
- Philanthropy: Prospect research, quarterly variance reports, efforts credited outside of our division.

Teaching and Research

student credit hours per faculty		students per faculty		C&G per faculty	
910 L&S Math & Physical Sci	743 Hard Science	14.8 L&S Math & Physical Sci	23.8 Hard Science	397 L&S Math & Phys	573 Ha

Teaching

	TAS Eligible SCH*		Faculty-Taught SCH		Faculty-Taught SCH/ TAS SCH
	2016-17A	CAGR FY13-17	2016-17A	CAGR FY13 -17	2016-17A
Astronomy	5,218	-3%	3,195	-14%	61%
Earth & Planetary Science	5,075	2%	2,769	-8%	55%
Mathematics	59,239	6%	43,566	8%	74%
MPS Centers and Programs	577				0%
Physics	26,063	-1%	12,831	-3%	49%
Statistics	23,389	9%	8,577	0%	37%
L&S Math & Physical Sciences	**119,560**	**4%**	**70,937**	**3%**	**59%**
Cohort 1 : Discipline - Hard Science	93,867		61,504		66%
Cohort 2: Exp Size-Med $25M-$75M	45,220		27,614		61%

*Graduate and Undergraduate

B C

Narrative:

- C&G $ shown do not include MPS C&G activity in Lawrence Berkeley National Laboratory (LBNL) & Space Sciences Laboratory (SSL).
- Increased teaching efficiencies, including higher class size minima.
- Increasingly large lower division (LD) & upper division (UD) service courses; new large breadth courses.

Research

	2014-15A	2015-16A	2016-17A	2017-18F	2018-19B	CAGR FY14-17	CAGR FY15-18F	CAGR FY16-18B
Contracts & Grants - Expenses	$ 42,805	$ 49,010	$ 52,126	$ 54,212	$ 54,194	6%	8%	3%
Indirect Cost Recovery % (Calc)	30%	26%	24%	25%	25%			

(Dollars in thousands)

Revenue

Revenue Generation

	2013-14A	2014-15A	2015-16A	2016-17A	2017-18 Forecast Planner Submission	2018-19 Budget Planner Submission	2018-19 Incremental Revenue	2018-19 Incremental Expense	Net Incremental Revenue	Worst-Case Net Incremental
Revenues										
Private Gifts	3,637	3,543	4,363	4,269	n/a	n/a	-	-	-	-
Endowment payouts	1,197	1,474	1,565	1,680	n/a	n/a	-	-	-	-
Private Gifts for Current Use	4,834	5,017	5,928	5,949	4,766	3,710	-	-	-	-
Sales and Services	200	130	141	279	120	88	-	-	-	-
Other Fees	81	58	72	77	110	112	-	-	-	-
Self-Supporting Degree Program	-	-	-	-	-	-	-	-	-	-
PDST	658	339	556	518	807	847	-	-	-	-
Other Revenue	(1)	(0)	(0)	1	(0)	(0)	-	-	-	-
Total Revenue	**5,772**	**5,544**	**6,696**	**6,823**	**5,802**	**4,757**	-	-	-	-
Summer and Concurrent (Income)	1,410	1,777	1,959	2,120	2,596	2,745	150	-	150	-
Regents Endowment Payout	208	243	267	369	405	829	-	-	-	-
Grand Total	**7,391**	**7,564**	**8,922**	**9,312**	**8,803**	**8,331**	**150**	-	**150**	-

(Dollars in thousands, current funds, excluding C&G)

D

Narrative:

- Global Partner … og (Shanghai Tech, other China universities).
- Summer Sessions, Concurrent Enrollment, future summer workshops.
- Statistics PDST; need permissions to grow.
- Increase annual funds; Prospect Research; strategic marketing & comm.

Workforce Trends

Salaries and Wages

	2012-13 $ (000's)	2012-13 FTE	2013-14 $ (000's)	2013-14 FTE	2014-15 $ (000's)	2014-15 FTE	2015-16 $ (000's)	2015-16 FTE	2016-17 $ (000's)	2016-17 FTE	FY13-17 CAGR $	FY13-17 CAGR FTE
Regular Faculty	18,160	126.8	19,033	128.9	20,010	130.2	21,949	132.7	22,550	131.3	6%	1%
Faculty Emeriti	6	-	6	-	6	-	-	-	-	-	-100%	n/a
Other Faculty	1,239	19.5	1,598	23.9	1,841	27.7	2,016	29.4	1,898	27.4	11%	9%
Other Academic	1,676	19.4	2,383	26.4	2,798	27.1	3,278	33.1	2,920	31.8	15%	13%
Grad Student Titles	5,149	144.8	5,529	155.2	6,174	166.9	6,761	172.2	6,800	167.7	7%	4%
Academic Subtotal	**26,230**	**310.4**	**28,548**	**334.4**	**30,830**	**351.8**	**34,004**	**367.4**	**34,169**	**358.3**	**7%**	**4%**
Managers & Supervisors	971	10.4	1,030	10.2	997	9.5	1,077	10.0	1,148	10.3	4%	0%
Professionals	3,641	56.6	3,454	51.7	3,293	45.5	3,542	49.8	3,471	47.6	-1%	-4%
Operational & Technical	616	12.8	618	12.6	475	9.1	474	8.7	450	8.2	-8%	-10%
N/A or Not Classified	964	14.0	860	12.0	723	9.7	692	9.0	722	9.1	-7%	-10%
Staff	**6,193**	**93.8**	**5,961**	**86.5**	**5,488**	**73.8**	**5,785**	**77.5**	**5,792**	**75.3**	**-2%**	**-5%**
Student Titles	103	3.8	115	4.2	107	4.1	95	3.5	125	4.4	5%	4%
Affiliates/Non-Employees	-	-	-	-	-	-	-	-	-	-	n/a	n/a
Unknown	(80)	0.0	(322)	0.0	(87)	-	(122)	-	(172)	-	21%	-100%
GRAND TOTAL	**32,446**	**408.0**	**34,302**	**425.1**	**36,336**	**429.7**	**39,762**	**448.3**	**39,914**	**438.0**	**5%**	**2%**

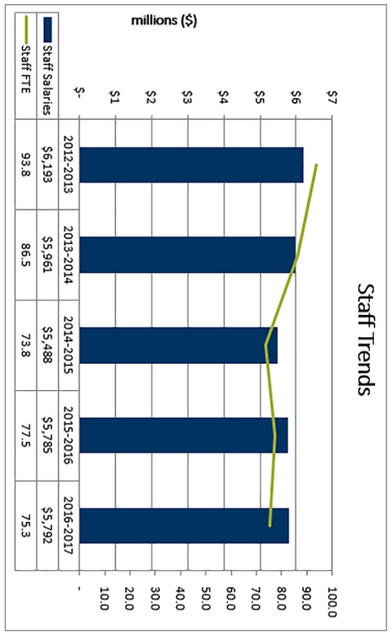
(Dollars in thousands for salaries and wages, all earn codes, for current funds excluding C&G)
(FTE not in thousands, for earn codes regular and overtime, for current funds excluding C&G)

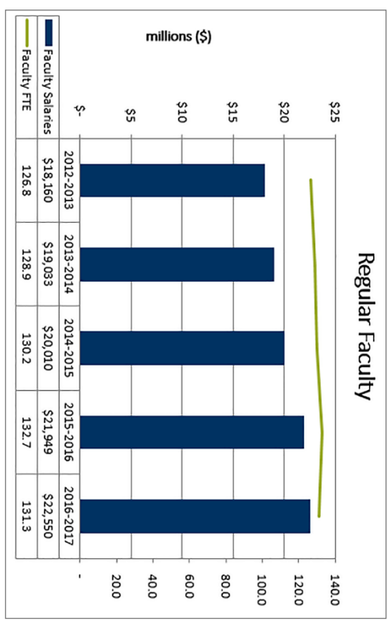
Narrati … I

Maintai … zero staff growth.

25.9 L&S Math & Physical Sci majors to staff 19.9 Hard Science

0.6 L&S Math & Physical Sci staff to faculty 1.2 Hard Science





Multi-Year View

Division:
1_LS1PS - L&S Math & Physical Sci

(Dollars in thousands, current funds, excluding C&G)

	A	B	C	D	E	F	G	H	I	J	K	L=(G-E)/E	M=(G-F)/F	N=(H-G)/G	O=(I-H)/H	P
	Actual	Actual	Actual	Actual	Operating Budget	Planner Submission Forecast	Operating Budget	Projected	Projected	CAGR		% Increase / prior year budget	% Increase / prior year forecast	% Increase / prior year budget	% Increase / prior year budget	CAGR
Revenue and Operating Transfers	**2013-14**	**2014-15**	**2015-16**	**2016-17**	**2017-18**	**2017-18**	**2018-19**	**2019-20**	**2020-21**	**FY14-17 Actual**	**FY14-19 Budget**	**2018-19**	**2018-19**	**2019-20**	**2020-21**	**FY14-21 Budget**
Net Tuition and Fees	739	397	628	594	828	917	959	1,007	1,057	-7%	5%	15.8%	4.6%	5.0%	5.0%	5%
Private Gifts for Current Use	4,834	5,017	5,928	5,949	5,436	4,766	3,710	4,559	5,141	7%	-5%	-31.7%	-22.1%	22.9%	12.8%	1%
Investment Income	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-38%	-21%	28.3%	-1.5%	0.0%	0.0%	-15%
Sales and Services	200	130	141	279	368	120	88	188	238	12%	-15%	-76.1%	-26.4%	113.5%	26.6%	2%
Nonoperating Revenue	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenue	**5,772**	**5,544**	**6,696**	**6,823**	**6,632**	**5,802**	**4,757**	**5,753**	**6,436**	**6%**	**-4%**	**-28.3%**	**-18.0%**	**20.9%**	**11.9%**	**2%**
Campus Support	49,836	52,184	55,374	56,390	60,251	59,498	63,916	62,626	62,510	4%	5%	6.1%	7.4%	-2.0%	-0.2%	3%
External Transfers	608	1,214	932	917	1,024	955	1,272	1,336	1,403	15%	16%	24.3%	33.2%	5.0%	5.0%	13%
To/From Other Divisions	2,041	2,939	3,676	3,835	3,689	6,412	3,763	3,873	3,987	23%	13%	2.0%	-41.3%	2.9%	2.9%	10%
Operating Transfers	**52,675**	**56,496**	**60,093**	**61,266**	**64,964**	**66,865**	**68,952**	**67,835**	**67,900**	**5%**	**6%**	**6.1%**	**3.1%**	**-1.6%**	**0.1%**	**4%**
Total Revenue & Transfers	**58,448**	**62,040**	**66,789**	**68,089**	**71,596**	**72,667**	**73,709**	**73,589**	**74,337**	**5%**	**5%**	**3.0%**	**1.4%**	**-0.2%**	**1.0%**	**3%**
Operating Expenses																
Academic Salaries & Wages	28,525	30,471	33,879	34,002	37,956	36,123	38,573	40,116	41,720	6%	6%	1.6%	6.8%	4.0%	4.0%	6%
Staff Salaries & Wages	5,778	5,865	5,884	5,912	6,160	5,941	5,985	6,224	6,473	1%	1%	-2.8%	0.7%	4.0%	4.0%	2%
Salaries & Wages	34,302	36,336	39,762	39,914	44,116	42,063	44,558	46,340	48,194	5%	5%	1.0%	5.9%	4.0%	4.0%	5%
Employee Benefits	9,554	9,951	11,709	12,554	14,432	13,535	14,597	15,619	16,712	10%	9%	1.1%	7.8%	7.0%	7.0%	8%
Total Compensation	**43,856**	**46,287**	**51,471**	**52,468**	**58,548**	**55,598**	**59,155**	**61,959**	**64,906**	**6%**	**6%**	**1.0%**	**6.4%**	**4.7%**	**4.8%**	**6%**
Supplies, Materials and Equipment	2,103	1,441	1,623	2,147	1,529	1,913	2,082	2,186	2,296	1%	0%	36.2%	8.9%	5.0%	5.0%	1%
Scholarships and Fellowships	5,407	5,352	6,084	6,340	6,946	7,679	8,205	8,615	9,046	5%	9%	18.1%	6.8%	5.0%	5.0%	8%
Other Operating Expenses	2,971	3,494	4,347	3,054	2,406	1,821	1,667	1,717	1,769	1%	-11%	-30.7%	-8.5%	3.0%	3.0%	-7%
Total Non Compensation	**10,481**	**10,286**	**12,054**	**11,541**	**10,882**	**11,413**	**11,954**	**12,519**	**13,111**	**3%**	**3%**	**9.8%**	**4.7%**	**4.7%**	**4.7%**	**3%**
Total Expenses	**54,337**	**56,573**	**63,525**	**64,009**	**69,430**	**67,011**	**71,109**	**74,478**	**78,017**	**6%**	**6%**	**2.4%**	**6.1%**	**4.7%**	**4.8%**	**5%**
Net Operating Surplus/(Deficit)	**4,111**	**5,467**	**3,265**	**4,079**	**2,166**	**5,656**	**2,601**	**(889)**	**(3,680)**	**0%**	**-9%**	**20.0%**	**-54.0%**	**-134.2%**	**313.9%**	**-198%**
From/(To) Regents Endow Pool	(25)	(236)	-	(33)	-	(8)	(8)	(8)	(8)	10%	-20%	-	0.0%	0.0%	0.0%	-15%
From/(To) Plant Funds	(2,970)	196	(243)	(885)	-	(116)	(350)	(1,500)	-	-33%	-35%	-	202.6%	328.6%	-100.0%	-100%
From/(To) All Other Fund Bal	0	-	-	-	-	(1)	-	-	-	-100%	-100%	-	-100.0%	-	-	-100%
Changes in Fund Balance - Pos/(Neg)	(2,995)	(39)	(243)	(917)	-	(125)	(358)	(1,508)	(8)	-33%	-35%	-	187.3%	321.4%	-99.5%	-57%
Change in Net Assets - Pos/(Neg)	**1,116**	**5,427**	**3,021**	**3,162**	**2,166**	**5,532**	**2,243**	**(2,397)**	**(3,688)**	**41%**	**15%**	**3.5%**	**-59.5%**	**-206.9%**	**53.9%**	**-219%**

Multi-Year Executive Summary

G

The summary here will be pulled from the Budget Narrative Letter (G) and the narrative on Multi Year Template

Narrative:

- Staff: No[illegible] staff [illegible]
- Teaching: Creating spa[illegible] oncurrent Enrollment students.
- Revenue Generation: MPS Departments will benefit from additional staff to manage international relationships, e.g. Global Partnership Contracts, and also revenue- generating development and communications/events activities, however, these additional ~2.0-2.5 FTE staff investments will increase staff compensation in FY19.

Budget Improvement Target

	Operating Budget 2017-18	Operating Budget 2018-19	Projected 2019-20	Projected 2020-21
Prior Year Operating Budget Net Surplus/(Deficit) Goal		2,166	2,601	2,839
Budget improvement target		434	238	-
Minus target adjustment		-	-	-
Current Year Operating Budget Net Surplus/(Deficit) Goal	**2,166**	**2,601**	**2,839**	**2,839**
Target Met	**TRUE**	**TRUE**	**FALSE**	**FALSE**

Dollars in thousands, current funds, excluding C&G)

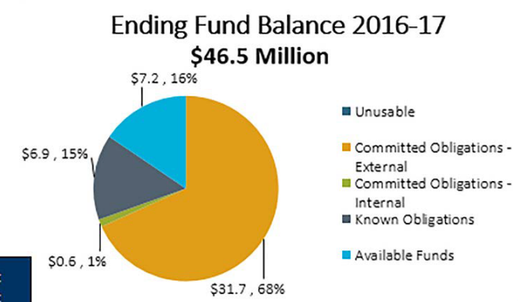
Ending Balance and FFE Balance

Ending Balance by Fund Type	2014-15A	2015-16A	2016-17A	2017-18F	2018-19B
Unrestricted	$ 26,287	$ 27,896	$ 29,655	$ 32,101	$ 34,160
Designated	1,384	961	1,268	971	726
Restricted Gifts	7,296	8,804	9,496	10,086	9,487
Restricted Endow & FFEs	5,376	5,703	6,107	8,900	9,928
Total	**$ 40,343**	**$ 43,364**	**$ 46,526**	**$ 52,058**	**$ 54,301**
Ending Balance % of Expenses	**71%**	**68%**	**73%**	**78%**	**76%**

(Dollars in thousands, current funds, excluding C&G)

FFE* Balance	Market Value as of June ** 2016	2017	2018	August Payout 2017-18A	August Payout 2018-19E
Regents & Foundation at Year-End	$ 14,870	$ 16,787	$ 17,825	$ 578	$ 626

(Non-current funds, Dollars in thousands) **Funds Functioning as Endowments* *** Market Value for 2018 is actual as of March 2018*



E F

Narrative:

Permission r[illegible]d to [illegible]se investments below the line:

- Hire 2-2.5 FTE to help Depts increase rev gen activities (int'l relations, development officer, comm/events manager, embedded tech transfer officer, Lewis-Burke contract support).
- Invest $1-2M (incl fundraising) in McCone Hall Library renovation (benefits Data Science, EPS, Geography, Library); summer workshop revenue.
- 1.00 FTE to manage development of revenue-producing international relationships for MPS departments ($150K).
- 0.50 FTE communications/events & 0.50 FTE development staff to further facilitate revenue generation ($150K).
- 0.25 Embedded tech transfer staff.
- McCone Library $1-2M from MPS Dean, remainder requested from campus/classroom initiative - summer class/workshop revenue.
- Evans 3rd floor bathrooms not ADA compliant ($200K out of $350K total) - pending and future retention cases.

Philanthropy

H

Donation Type	2014-15A	2015-16A	2016-17A	2017-18F[1]	2018-19B[2]
Endowment Payout: Foundation	$ 1,474	$ 1,565	$ 1,680	$ 1,792	$ 1,801
Endowment Payout: Regents	243	267	369	405	829
Computed Private Gifts for Current Use	3,543	4,363	4,269	2,974	1,910
Total Gifts for Current Use + Endowment Payout	**$ 5,260**	**$ 6,194**	**$ 6,318**	**$ 5,170**	**$ 4,540**

(Dollars in thousands, current funds, excluding C&G)

[1] Endowment Payout - Foundation is not a budgetable account. The 2017-18F amount for this line is actual, not forecast.

[2] Endowment Payout - Foundation is not a budgetable account. It is estimated here at 0.5% higher than 2017-18F.

Metrics	2012-13A	2013-14A	2014-15A	2015-16A	2016-17A
Gifts and Foundation Donations	$ 4,591	$ 3,637	$ 3,543	$ 4,363	$ 4,269
Managers and Supervisors	-	-	-	-	-
Professionals	1.0	1.1	2.0	3.2	1.6
Total FTE	1.0	1.1	2.0	3.2	1.6
External Affairs Expenses	$ -	$ 59	$ 176	$ 192	$ 121
Ratios					
Gifts/FTE Ext. Affairs	$ 4,591	$ 3,361	$ 1,732	$ 1,382	$ 2,752
Ext. Affairs Expenses/Gifts	-	0.0	0.0	0.0	0.0

(Dollars in thousands, current funds, excluding C&G)

Narrative:

- Raise funds to recruit & retain faculty & support grad students.
- Raise multiple endowed prof & chairs ($1M+$1M).
- Leverage STEM match to raise one faculty line ($3M+$3M).
- Cultural & structural changes in L&S/UDAR should improve principal gifts fundraising.
- Support dept activities to increase dept annual funds.
- Ask for grad student funds in current-use dollars & endowments; top-offs excellent way to address competitive offers our students are receiving.
- Support efforts to build int'l relationships, e.g. Heising-Simons.