Undergraduate Alumni Experience Study Report – 2017

California State University, Monterey Bay - Institutional Assessment and Research

Executive Summary

Between September 21, 2017 and November 30, 2017, 5,377 CSUMB undergraduate alumni were invited to participate in a survey to assess their experience with CSUMB. Alumni were asked to reflect on the degree program that they participated in and the ways in which their participation influenced their professional growth, employment, and future plans. An incentive drawing for a gift from Amazon.com worth up to \$400.00 was offered to respondents. In total, 1,337 undergraduate alumni responded to the survey for an overall response rate of 25%.

Key Takeaways

Overall Satisfaction with CSUMB & Major

- 88% of respondents were satisfied (55%) or very satisfied (33%) with their overall education experience in their major at CSUMB.
- 70% would probably (23%) or definitely (47%) choose the same major if they were to start CSUMB over again.
- 82% would probably (31%) or definitely (51%) recommend their CSUMB major to prospective students.
- 73% would probably (31%) or definitely (42%) choose to attend CSUMB if they could start college over again.
- 82% said that CSUMB probably (38%) or definitely (44%) met their expectations.
- 65% said that beyond any financial benefits, their CSUMB education improved the quality of their life considerably (37%) or a great deal (28%).

Satisfaction with CSUMB Major

- 88% were satisfied (46%) or very satisfied (42%) with the quality of teaching.
- 70% were satisfied (48%) or very satisfied (22%) with the variety of course offerings.
- 81% were satisfied (51%) or very satisfied (30%) with the course content (curriculum).
- 82% were satisfied (49%) or very satisfied (33%) with the overall program quality.
- 74% were satisfied (38%) or very satisfied (36%) with the capstone.
- 66% were satisfied (35%) or very satisfied (31%) with service learning.
- 78% were satisfied (31%) or very satisfied (47%) with faculty mentors.
- 53% were satisfied (28%) or very satisfied (25%) with the opportunity to engage in research outside of class assignments.
- 72% were satisfied (43%) or very satisfied (29%) with team work / collaboration.

- 57% were satisfied (31%) or very satisfied (26%) with laboratory facilities. 15% of respondents responded "Not applicable/No basis to judge".
- 38% rated the academic rigor (challenging academic standards and expectations) in their major as very (32%) or extremely (6%) rigorous.
- 55% would probably (23%) or definitely (32%) consider pursuing a Master's Program in their major if CSUMB were to offer it.

Satisfaction with CSUMB Academic Goals

- 61% agree (41%) or strongly agree (20%) that their CSUMB education contributed substantially to their ability to apply quantitative skills to problems (i.e., math, statistics).
- 87% agree (44%) or strongly agree (43%) that their CSUMB education contributed substantially to their ability to evaluate information critically.
- 82% agree (39%) or strongly agree (43%) that their CSUMB education contributed substantially to their ability to give oral presentations.
- 86% agree (40%) or strongly agree (46%) that their CSUMB education contributed substantially to their ability to learn effectively on my own.
- 86% agree (39%) or strongly agree (47%) that their CSUMB education contributed substantially to their ability to search for and find reliable information.
- 75% agree (42%) or strongly agree (33%) that their CSUMB education contributed substantially to their ability to solve complex real-world problems.
- 83% agree (31%) or strongly agree (52%) that their CSUMB education contributed substantially to their ability to understand people of different cultural, racial, and ethnic backgrounds.
- 86% agree (42%) or strongly agree (44%) that their CSUMB education contributed substantially to their ability to work effectively with others.
- 80% agree (42%) or strongly agree (38%) that their CSUMB education contributed substantially to their ability to write effectively.

Influences on Academic Success

- 73% said courses they took influenced their academic success to a large (43%) or very great (30%) extent.
- 71% said interaction with faculty influenced their academic success to a large (31%) or very great (40%) extent.
- 63% said interaction with peers influenced their academic success to a large (35%) or very great (28%) extent.
- 39% said interaction with staff (e.g., residence life, student support services, or staff from other campus programs) influenced their academic success to a large (20%) or very great (19%) extent.
- 45% said participation in service learning influenced their academic success to a large (23%) or very great (22%) extent.
- 62% said completion of a capstone influenced their academic success to a large (31%) or very great (31%) extent.
- 60% said faculty mentoring influenced their academic success to a large (26%) or very great (34%) extent.
- 35% said peer mentoring influenced their academic success to a large (22%) or very great (13%) extent. 14% responded that they had "No basis to judge".
- 25% said participation in undergraduate research (research with a faculty) influenced their academic success to a large (13%) or very great (12%) extent. 46% responded that they had "No basis to judge".
- 14% said participation in study abroad influenced their academic success to a large (4%) or very great (10%) extent. 78% responded that they had "No basis to judge".
- 15% said participation in first-year seminar influenced their academic success to a large (9%) or very great (6%) extent. 37% responded that they had "No basis to judge".

• 20% said participation in a living-learning community influenced their academic success to a large (12%) or very great (8%) extent. 52% responded that they had "No basis to judge".

Internship Experience at CSUMB

- 35% of respondents participated in an internship while at CSUMB.
- 70% of those who did an internship said that it led to further employment or helped with other employment opportunities.

Graduate School Experience

- 76% have completed or plan to complete another degree, credential, or certificate program since graduating from CSUMB.
- 34% applied to graduate/professional school.
- 34% had completed an additional degree, credential, or certificate program since graduating from CSUMB.
- 62% agree (40%) or strongly agree (22%) that their undergraduate education prepared them well for graduate educational pursuits.
- 76% said their graduate area of study is moderately (22%) or very (54%) related to their CSUMB undergraduate major.
- 66% said their graduate area of study is moderately (20%) or very (46%) related to their CSUMB concentration.
- 24% said their graduate area of study is moderately (8%) or very (16%) related to their CSUMB minor. 58% responded "Not applicable/No basis to judge".
- Of those that chose not to attend graduate or professional school, not being able to afford to attend graduate school (21%) and pressure to work instead of furthering education (18%) were the most frequent reasons provided.

Professional Skills

- Of those respondents that went on to graduate or professional school:
 - o 74% had attended an academic / professional conference.
 - o 25% had presented their research at a professional conference.
 - o 13% had published an article in a journal or other professional publication.
 - 21% had helped write a grant proposal.
 - o 31% had served on departmental / institutional committees.
 - o 31% had reviewed papers, served on disciplinary society committees, or engaged in other forms of service to their profession.
 - o 30% had served as an officer or leader in a professional organization or society.
 - 53% had engaged in local educational outreach activities or programs related to their field of study.
 - o 33% had communicated research to a broader audience (e.g., outreach, science education, action research . . .)
 - o 60% had used their education or research to impact a real-world problem or issue.
 - o 76% had mentored other students.

Employment and Career

- 70% of respondents had obtained full-time paid employment following graduation. 18% had obtained part-time paid employment.
- 63% said their current employment is moderately (24%) or very (39%) related to their CSUMB major.
- 50% said their current employment is moderately (17%) or very (33%) related to their CSUMB concentration. 12% responded "Not applicable".
- 82% said their undergraduate education probably (44%) or definitely (38%) prepared them well for employment opportunities.

- 70% of respondents said they often (28%) or very often (42%) are able to take a leadership role at work.
- 37% said they often (19%) or very often (18%) are able to take leadership roles in their community.
- 48% said they often (23%) or very often (25%) are able to contribute to the welfare of their community.
- 62% said they often (28%) or very often (34%) are able to use their education and work to address real-world problems.
- 47% said they often (21%) or very often (26%) are able to serve in professional organizations in their field

Overall Satisfaction with CSUMB and Major

How would you rate the overall education experience in your major at CSUMB?

Response	Number of Responses	Percentage of Total Responses
Very dissatisfied	10	1%
Dissatisfied	47	4%
Neither satisfied nor dissatisfied	110	8%
Satisfied	733	55%
Very satisfied	438	33%
Total	1,338	100%

If you were to start CSUMB over again, would you choose the same major?

Response	Number of Responses	Percentage of Total
		Responses
Definitely no	78	6%
Probably no	187	14%
Unsure	138	10%
Probably yes	306	23%
Definitely yes	629	47%
Total	1,338	100%

Would you recommend your CSUMB major to prospective students?

Response	Number of Responses	Percentage of Total
		Responses
	31	2%
Probably no	85	6%
Unsure	117	9%
Probably yes	419	31%
Definitely yes	686	51%
Total	1,338	100%

If you could start college over again, would you still choose to attend CSUMB

Response	Number of Responses	Percentage of Total
		Responses
Definitely no	45	3%
Probably no	102	8%
Unsure	211	16%
Probably yes	419	31%
Definitely yes	561	42%
Total	1,338	100%

Did CSUMB meet your expectations?

Response	Number of Responses	Percentage of Total Responses
Definitely no	46	3%
Probably no	78	6%
Unsure	116	9%
Probably yes	514	38%
Definitely yes	584	44%
Total	1,338	100%

Beyond any financial benefits, to what degree has your CSUMB education improved the quality of your life?

Response	Number of Responses	Percentage of Total Responses
Not at all	51	4%
Slightly	95	7%
Somewhat	326	24%
Considerably	493	37%
A great deal	373	28%
Total	1,338	100%

Satisfaction with Major

Please rate your satisfaction for your CSUMB major on:

Quality of Teaching

Response	Number of Responses	Percentage of Total
		Responses
Very dissatisfied	14	1%
Dissatisfied	41	3%

Response	Number of Responses	Percentage of Total
		Responses
Neither satisfied nor dissatisfied	99	8%
Satisfied	595	46%
Very satisfied	540	42%
Not applicable/No basis to	1	0%
judge		
Total	1,290	100%
Course Offerings (variety)		
Response	Number of Responses	Percentage of Total Responses
Very dissatisfied	26	2%
Dissatisfied	137	11%
Neither satisfied nor	224	17%
dissatisfied	C22	400/
Satisfied	623	48%
Very satisfied	279	22%
Not applicable/No basis to	1	0%
judge	1 200	1000/
Total	1,290	100%
Course Content (curriculum)		
Response	Number of Responses	Percentage of Total Responses
Very dissatisfied	24	2%
Dissatisfied	55	4%
_	165	13%
Neither satisfied nor dissatisfied	103	13/0
Satisfied	661	51%
Very satisfied	384	30%
Not applicable/No basis to	1	0%
judge		
Total	1,290	100%
Overall program quality	,	
Response	Number of Responses	Percentage of Total Responses
Very dissatisfied	25	2%
Dissatisfied	64	5%
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Response	Number of Responses	Percentage of Total
		Responses
Neither satisfied nor	135	10%
dissatisfied		
Satisfied	633	49%
Very satisfied	431	33%
Not applicable/No basis to	2	0%
judge		
Total	1,290	100%
Capstone		
Response	Number of Responses	Percentage of Total
		Responses
Very dissatisfied	30	2%
Dissatisfied	87	7%
Neither satisfied nor	214	17%
dissatisfied		
Satisfied	484	38%
Very satisfied	464	36%
Not applicable/No basis to	11	1%
judge		
Total	1,290	100%
Service Learning	,	
Response	Number of Responses	Percentage of Total
	65	Responses 5%
Very dissatisfied	120	9%
Dissatisfied		
Neither satisfied nor	240	19%
dissatisfied	440	259/
Satisfied	449	35% 31%
Very satisfied		
Not applicable/No basis to	15	1%
judge		
Total	1,290	100%
Faculty Mentors		
Response	Number of Responses	Percentage of Total
		Responses
Very dissatisfied	32	2%
Dissatisfied	53	4%

Response	Number of Responses	Percentage of Total
		Responses
Neither satisfied nor	164	13%
dissatisfied		
Satisfied	396	31%
Very satisfied	601	47%
Not applicable/No basis to	44	3%
judge		
Total	1,290	100%
Opportunities to engage in res	search outside of class assignr	nents
Response	Number of Responses	Percentage of Total
,	,	Responses
Very dissatisfied	54	4%
Dissatisfied	133	10%
Neither satisfied nor	314	24%
dissatisfied		
Satisfied	365	28%
Very satisfied	318	25%
Not applicable/No basis to	106	8%
judge		
Total	1,290	100%
Team work / collaboration		
Response	Number of Responses	Percentage of Total
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Very dissatisfied	23	2%
Dissatisfied	91	7%
Neither satisfied nor	241	19%
dissatisfied		
Satisfied	552	43%
Very satisfied	373	29%
Not applicable/No basis to	10	1%
judge		
Total	1,290	100%
Laboratory facilities	, · - -	- / -
•		
Response	Number of Responses	Percentage of Total
	25	Responses
		-JU/
Very dissatisfied Dissatisfied	35 57	3% 4%

Response	Number of Responses	Percentage of Total
		Responses
Neither satisfied nor	266	21%
dissatisfied		
Satisfied	403	31%
Very satisfied	337	26%
Not applicable/No basis to	192	15%
judge		
Total	1,290	100%

How would you rate the academic rigor (challenging academic standards and expectations) in your major?

Response	Number of Responses	Percentage of Total Responses
Not at all rigorous	57	4%
Slightly rigorous	113	9%
Moderately rigorous	623	48%
Very rigorous	419	32%
Extremely rigorous	78	6%
Total	1.290	100%

If CSUMB were to offer a Master's Program in your major would you consider pursuing it?

Response	Number of Responses	Percentage of Total
		Responses
Definitely no		9%
Probably no	206	15%
Unsure	283	21%
Probably yes	306	23%
Definitely yes	423	32%
Total	1,338	100%

Satisfaction with CSUMB Academic Goals

My CSUMB education contributed substantially to my ability to do the following:

Apply quantitative skills to problems (i.e., math, statistics)

Response	Number of Responses	Percentage of Total
		Responses
Strongly disagree	53	4%
Disagree	139	11%

Response	Number of Responses	Percentage of Total
At the second se	295	Responses 24%
Neither agree nor disagree	510	41%
Agree		
Strongly agree	254	20%
Total	1,251	100%
Evaluate information critically		
Response	Number of Responses	Percentage of Total
		Responses
Strongly disagree	13	1%
Disagree	33	3%
Neither agree nor disagree	113	9%
Agree	555	44%
Strongly agree	537	43%
	1,251	100%
Give oral presentations		
Response	Number of Responses	Percentage of Total
пеэропэс	rvarriber of nesponses	Responses
Strongly disagree	7	1%
Disagree	42	3%
Neither agree nor disagree	174	14%
Agree	492	39%
Strongly agree	536	43%
Total	1,251	100%
	1,231	100%
Learn effectively on my own		
Response	Number of Responses	Percentage of Total
		Responses
Strongly disagree	12	1%
Disagree	30	2%
Neither agree nor disagree	138	11%
Agree	497	40%
Strongly agree	574	46%
Total	1,251	100%
Search for and find reliable in	formation	
Response	Number of Responses	Percentage of Total
•	-	Responses
Strongly disagree	8	1%
Disagree	35	3%
Neither agree nor disagree	123	10%
and agree		

Response	Number of Responses	Percentage of Total Responses
Agree	493	39%
Strongly agree	592	47%
Total	1,251	100%
Solve complex real-world prob	olems	
Response	Number of Responses	Percentage of Total Responses
Strongly disagree	21	2%
Disagree	61	5%
Neither agree nor disagree	233	19%
Agree	528	42%
Strongly agree	408	33%
Total	1,251	100%
Understand people of differen	nt cultural, racial, and ethnic b	ackgrounds
Response	Number of Responses	Percentage of Total
		Responses
Strongly disagree	13	1%
Disagree	38	3%
Neither agree nor disagree	152	12%
Agree	392	31%
Strongly agree	656	52%
Total	1,251	100%
Work effectively with others		
Response	Number of Responses	Percentage of Total Responses
Strongly disagree	11	1%
Disagree	15	1%
Neither agree nor disagree	149	12%
Agree	521	42%
Strongly agree	555	44%
Total	1,251	100%
Write effectively		
Response	Number of Responses	Percentage of Total
Ctronaly disasso	17	Responses 1%
Strongly disagree	48	4%
Disagree	192	
Neither agree nor disagree		15%
Agree	520	42%

Response	Number of Responses	Percentage of Total
		Responses
Strongly agree	474	38%
Total	1,251	100%

Influences on Academic Success

To what extent did the following influence your academic success?

Courses you took

courses you took		
Response	Number of Responses	Percentage of Total Responses
Very little extent	13	1%
Little extent	41	3%
Some extent	288	23%
Large extent	536	43%
Very great extent	373	30%
Total	1,251	100%
Interaction with faculty		
Response	Number of Responses	Percentage of Total
		Responses
Very little extent	36	3%
Little extent	65	5%
Some extent	252	20%
Large extent	394	31%
Very great extent	504	40%
Total	1,251	100%
Interaction with peers		
Response	Number of Responses	Percentage of Total
		Responses
Very little extent	39	3%
Little extent	73	6%
Some extent	352	28%
Large extent	437	35%
Very great extent	350	28%
Total	1,251	100%

Interaction with staff (e.g., residence life, student support services, or staff from other campus programs)

Response	Number of Responses	Percentage of Total
		Responses
Very little extent	191	15%
Little extent	212	17%
Some extent	358	29%
Large extent	255	20%
Very great extent	235	19%
Total	1,251	100%
Participation in service learning	ng	
Response	Number of Responses	Percentage of Total Responses
Very little extent	172	14%
Little extent	183	15%
Some extent	333	27%
Large extent	292	23%
Very great extent	271	22%
Total	1,251	100%
Completion of a capstone		
Response	Number of Responses	Percentage of Total Responses
	Number of Responses 69	Percentage of Total Responses 6%
Very little extent		Responses
Very little extent Little extent	69	Responses 6%
Very little extent Little extent Some extent	69 116	Responses 6% 9%
Very little extent Little extent Some extent Large extent	69 116 296	Responses 6% 9% 24%
Very little extent Little extent Some extent	69 116 296 384	Responses 6% 9% 24% 31%
Very little extent Little extent Some extent Large extent Very great extent	69 116 296 384 386	Responses 6% 9% 24% 31% 31%
Very little extent Little extent Some extent Large extent Very great extent Total	69 116 296 384 386	Responses 6% 9% 24% 31% 31%
Very little extent Little extent Some extent Large extent Very great extent Total Faculty mentoring	69 116 296 384 386 1,251	Responses 6% 9% 24% 31% 31% 100% Percentage of Total
Very little extent Little extent Some extent Large extent Very great extent Total Faculty mentoring Response	69 116 296 384 386 1,251 Number of Responses	Responses 6% 9% 24% 31% 31% 100% Percentage of Total Responses
Very little extent Little extent Some extent Large extent Very great extent Total Faculty mentoring Response Very little extent	69 116 296 384 386 1,251 Number of Responses	Responses 6% 9% 24% 31% 31% 100% Percentage of Total Responses 7%
Very little extent Little extent Some extent Large extent Very great extent Total Faculty mentoring Response Very little extent Little extent	69 116 296 384 386 1,251 Number of Responses	Responses 6% 9% 24% 31% 31% 100% Percentage of Total Responses 7% 7%
Very little extent Little extent Some extent Large extent Very great extent Total Faculty mentoring Response Very little extent Little extent Some extent	69 116 296 384 386 1,251 Number of Responses 93 89 253	Responses 6% 9% 24% 31% 100% Percentage of Total Responses 7% 7% 20%
Very little extent Little extent Some extent Large extent Very great extent Total Faculty mentoring Response Very little extent Little extent Some extent Large extent	69 116 296 384 386 1,251 Number of Responses 93 89 253 324	Responses 6% 9% 24% 31% 31% 100% Percentage of Total Responses 7% 7% 20% 26%

Peer mentoring

i cei illelitorille		
Response	Number of Responses	Percentage of Total
	126	Responses
Very little extent	126	10%
Little extent	187	15%
Some extent	318	25%
Large extent	276	22%
Very great extent	165	13%
No basis to judge	179	14%
Total	1,251	100%
Participation in undergraduat	e research (research with a fac	culty)
Response	Number of Responses	Percentage of Total
		Responses
Very little extent	74	6%
Little extent	93	7%
Some extent	199	16%
Large extent	166	13%
Very great extent	144	12%
No basis to judge	575	46%
Total	1,251	100%
Participation in study abroad		
Response	Number of Responses	Percentage of Total Responses
Very little extent	41	3%
Little extent	25	2%
Some extent	39	3%
Large extent	45	4%
Very great extent	130	10%
No basis to judge	971	78%
Total	1,251	100%
Participation in first-year sem	inar	
Response	Number of Responses	Percentage of Total
		Responses
Very little extent	279	22%
Little extent	155	12%
Some extent	174	14%
Large extent	108	9%
Very great extent	77	6%
No basis to judge	458	37%
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Response	Number of Responses	Percentage of Total
		Responses
Total	1,251	100%
Participation in a living-learning	ng community	
Response	Number of Responses	Percentage of Total
		Responses
Very little extent	87	7%
Little extent	75	6%
Some extent	191	15%
Large extent	147	12%
Very great extent	99	8%
No basis to judge	652	52%
Total	1,251	100%

Internship Experience at CSUMB

While at CSUMB, did you do an internship

Response	Number of Responses	Percentage of Total
		Responses
No	842	65%
Yes	447	35%
Total	1,289	100%

If yes, did your internship lead to further employment or help with other employment opportunities?

Response	Number of Responses	Percentage of Total
		Responses
No	136	30%
Yes	311	70%
Total	447	100%

Graduate School Experience

Since graduating from CSUMB, what is the highest degree you have obtained OR plan to obtain?

Response	Number of Responses	Percentage of Total
		Responses
Another Bachelor's degree	46	3%
(e.g., BA, BS)		

Response	Number of Responses	Percentage of Total
		Responses
Certificate program or	102	8%
credit coursework rather		
than a degree		
Doctoral degree (e.g., PhD,	85	6%
EdD)		
Education Specialist	10	1%
First professional degree	36	3%
(e.g., medical doctor,		
lawyer)		
I do not plan to obtain an	321	24%
additional degree		
Master's degree (e.g., MA,	634	47%
MS, MBA, MSW)		
Teaching Credential	104	8%
Total	1,338	100%

Degree(s) pursued (select all that apply):

Response	Number of Responses	Percentage of Total
		Responses
Another Bachelor's degree (e.g., BA, BS)	16	3%
Certificate program or credit coursework rather than a degree	16	3%
Doctoral degree (e.g., PhD, EdD)	32	6%
Education Specialist	11	2%
First professional degree (e.g., medical doctor, lawyer)	33	6%
I do not plan to obtain an additional degree	318	61%
Master's degree (e.g., MA, MS, MBA, MSW)	15	3%
Teaching Credential	81	16%
Total	522	100%

Degree(s) completed (select all that apply):

Response	Number of Responses	Percentage of Total
		Responses
Another Bachelor's degree (e.g., BA, BS)	45	10%
Certificate program or credit coursework rather than a degree	24	5%
Doctoral degree (e.g., PhD, EdD)	4	1%
Education Specialist	7	2%
First professional degree (e.g., medical doctor, lawyer)	11	2%
I do not plan to obtain an additional degree	175	39%
Master's degree (e.g., MA, MS, MBA, MSW)	128	28%
Teaching Credential	60	13%
Total	454	100%
Did you apply to graduate/p	professional school?	
Response	Number of Responses	Percentage of Total Responses
No, I did not apply	752	60%
Yes, I was accepted	430	34%
Yes, I was not accepted	69	6%
Total	1,251	100%
Did you enroll in graduate/p	professional school?	
Response	Number of Responses	Percentage of Total Responses
No	24	6%
Yes	406	94%
Total	430	100%
My undergraduate education	on prepared me well for g	graduate educational pursuits

My undergraduate education prepared me well for graduate educational pursuits.

Response	Number of Responses	Percentage of Total
		Responses
Strongly disagree	34	3%
Disagree		7%

Response	Number of Responses	Percentage of Total
		Responses
Neither agree nor disagree	359	29%
Agree		40%
Strongly agree	268	22%
Total	1,243	100%

How closely related is your graduate area of study to your CSUMB undergraduate major?

Response	Number of Responses	Percentage of Total
		Responses
Not related at all	30	7%
Slightly related	65	16%
Moderately related	90	22%
Very related	216	54%
Not applicable/No basis to	1	0%
judge		
Total	402	100%

How closely related is your graduate area of study to your CSUMB concentration?

Response	Number of Responses	Percentage of Total
		Responses
Not related at all	44	11%
Slightly related	57	14%
Moderately related	82	20%
Very related	184	46%
Not applicable/No basis to	35	9%
judge		
Total	402	100%

How closely related is your graduate area of study to your CSUMB minor?

Response	Number of Responses	Percentage of Total
		Responses
Not related at all	35	9%
Slightly related	35	9%
Moderately related	33	8%
Very related	65	16%
Not applicable/No basis to	234	58%
judge		
Total	402	100%

Area(s) of study (check all that apply):

Response	Number of Responses	Percentage of Total
		Responses
Arts and Humanities	75	15%
Biological Science	43	9%
Business	35	7%
Education	95	19%
Engineering	9	2%
Physical Science	20	4%
Professional	15	3%
Social Science	75	15%
Technical	8	2%
Other fields	124	25%
Total	499	100%

Decision Not to Attend Graduate School

What are your reasons for choosing not to attend graduate or professional school? (select all that apply)

Response	Number of Responses	Percentage of Total Responses
Could not afford to attend	319	21%
graduate school		
Pressure to work instead of	278	18%
furthering education		
Do not need a graduate	219	14%
degree for career goals		
Other	219	14%
Do not feel prepared for	152	10%
graduate school		
Not interested in attending	137	9%
Family obligations	135	9%
Was not accepted to any	56	4%
programs		
Total	1,515	100%

Professional Skills

Since graduating from CSUMB, how many times have you done the following?

Attended an academic / professional conference

Attended an academic / profe	Attended an academic / professional conference		
Response	Number of Responses	Percentage of Total	
		Responses	
Not at all	102	26%	
1 or 2 times	135	34%	
3 or 4 times	82	21%	
5 or 6 times	49	12%	
7 times or more	32	8%	
Total	400	100%	
Presented your research at a	professional conference		
Response	Number of Responses	Percentage of Total	
		Responses	
Not at all	300	75%	
1 or 2 times	63	16%	
3 or 4 times	23	6%	
5 or 6 times	8	2%	
7 times or more	6	2%	
Total	400	100%	
Published an article in a journ	al or other professional public	ation	
Published an article in a journ *Response*	·	ation <i>Percentage of Total</i>	
•			
•		Percentage of Total Responses 87%	
Response	Number of Responses	Percentage of Total Responses	
Response Not at all	Number of Responses 347	Percentage of Total Responses 87%	
Response Not at all 1 or 2 times	Number of Responses 347 41	Percentage of Total Responses 87% 10%	
Response Not at all 1 or 2 times 3 or 4 times	Number of Responses 347 41 5	Percentage of Total Responses 87% 10%	
Response Not at all 1 or 2 times 3 or 4 times 5 or 6 times	Number of Responses 347 41 5 5	Percentage of Total Responses 87% 10% 1%	
Response Not at all 1 or 2 times 3 or 4 times 5 or 6 times 7 times or more	Number of Responses 347 41 5 2 400	Percentage of Total Responses 87% 10% 1% 1%	
Response Not at all 1 or 2 times 3 or 4 times 5 or 6 times 7 times or more Total	Number of Responses 347 41 5 2 400	Percentage of Total Responses 87% 10% 1% 1%	
Response Not at all 1 or 2 times 3 or 4 times 5 or 6 times 7 times or more Total Helped write a grant proposal	Number of Responses 347 41 5 2 400	Percentage of Total Responses 87% 10% 1% 1% 1% 100%	
Response Not at all 1 or 2 times 3 or 4 times 5 or 6 times 7 times or more Total Helped write a grant proposal	Number of Responses 347 41 5 2 400	Percentage of Total Responses 87% 10% 1% 1% 1% 100% Percentage of Total	
Response Not at all 1 or 2 times 3 or 4 times 5 or 6 times 7 times or more Total Helped write a grant proposal Response	Number of Responses 347 41 5 2 400 Number of Responses	Percentage of Total Responses 87% 10% 1% 1% 100% Percentage of Total Responses	
Response Not at all 1 or 2 times 3 or 4 times 5 or 6 times 7 times or more Total Helped write a grant proposal Response Not at all	Number of Responses 347 41 5 5 2 400 Number of Responses	Percentage of Total Responses 87% 10% 1% 1% 100% Percentage of Total Responses 79%	
Response Not at all 1 or 2 times 3 or 4 times 5 or 6 times 7 times or more Total Helped write a grant proposal Response Not at all 1 or 2 times	Number of Responses 347 41 5 5 2 400 Number of Responses 317 63	Percentage of Total Responses 87% 10% 1% 1% 1% 100% Percentage of Total Responses 79% 16%	
Response Not at all 1 or 2 times 3 or 4 times 5 or 6 times 7 times or more Total Helped write a grant proposal Response Not at all 1 or 2 times 3 or 4 times	Number of Responses 347 41 5 5 2 400 Number of Responses 317 63 6	Percentage of Total Responses 87% 10% 1% 1% 1% 100% Percentage of Total Responses 79% 16% 2%	

Served on departmental / institutional committees

Response	Number of Responses	Percentage of Total
		Responses
Not at all	275	69%
1 or 2 times	83	21%
3 or 4 times	19	5%
5 or 6 times	9	2%
7 times or more	14	4%
Total	400	100%

Reviewed papers, served on disciplinary society committees, or engaged in other forms of service to your profession

Response	Number of Responses	Percentage of Total
		Responses
Not at all	276	69%
1 or 2 times	63	16%
3 or 4 times	24	6%
5 or 6 times	9	2%
7 times or more	28	7%
Total	400	100%

Served as an officer or leader in a professional organization or society

Response	Number of Responses	Percentage of Total
		Responses
Not at all	279	70%
1 or 2 times	73	18%
3 or 4 times	27	7%
5 or 6 times	7	2%
7 times or more	14	4%
Total	400	100%

Engaged in local educational outreach activities or programs related to your field of study

Response	Number of Responses	Percentage of Total
		Responses
Not at all	186	47%
1 or 2 times	105	26%
3 or 4 times	52	13%
5 or 6 times	19	5%
7 times or more	38	10%
Total	400	100%

Communicated research to a broader audience (e.g., outreach, science education, action research...)

Response	Number of Responses	Percentage of Total
		Responses
Not at all	266	67%
1 or 2 times	60	15%
3 or 4 times	28	7%
5 or 6 times	20	5%
7 times or more	26	7%
Total	400	100%

Used your education or research to impact a real-world problem or issue

Response	Number of Responses	Percentage of Total Responses
Not at all	160	40%
1 or 2 times	113	28%
3 or 4 times	35	9%
5 or 6 times	25	6%
7 times or more	67	17%
Total	400	100%

Mentored other students

Response	Number of Responses	Percentage of Total
		Responses
Not at all	95	24%
1 or 2 times	96	24%
3 or 4 times	56	14%
5 or 6 times	29	7%
7 times or more	124	31%
Total	400	100%

Employment and Career

Have you obtained employment following graduation? (Select one)

Response	Number of Responses	Percentage of Total
		Responses
No, I have not been	61	5%
employed		
Not working, but looking	68	5%
for employment		
Yes, full-time paid	876	70%

Response	Number of Responses	Percentage of Total
		Responses
Yes, full-time unpaid		0%
Yes, part-time paid	224	18%
Yes, part-time unpaid	8	1%
Total	1,243	100%

How closely related is your current employment to your CSUMB major?

Response	Number of Responses	Percentage of Total
		Responses
Not related at all	219	20%
Slightly related	184	17%
Moderately related	270	24%
Very related	436	39%
Total	1,109	100%

How closely related is your current employment to your CSUMB concentration?

Response	Number of Responses	Percentage of Total
		Responses
Not related at all	232	21%
Slightly related	190	17%
Moderately related	191	17%
Very related	366	33%
Not applicable	130	12%
Total	1.109	100%

My undergraduate education prepared me well for employment opportunities.

Response	Number of Responses	Percentage of Total
		Responses
Definitely no	63	6%
Probably no	135	12%
Probably yes	493	44%
Definitely yes	418	38%
Total	1,109	100%

What is your current annual salary?

Response	Number of Responses	Percentage of Total
		Responses
0	21	2%
\$1 - \$9,999	69	6%
\$10,000 - \$29,999	279	25%

Response	Number of Responses	Percentage of Total
		Responses
\$30,000 - \$49,999	371	33%
\$50,000 - \$79,999	287	26%
\$80,000 - \$99,999	52	5%
\$100,000 +	30	3%
Total	1 109	100%

Which best reflects your current profession/occupation?

Response	Number of Responses	Percentage of Total Responses
Accountant	28	3%
Actor/entertainer	3	0%
Architect/urban planner	2	0%
Artist	15	1%
Business	101	9%
Clergy (e.g., minister, priest,	2	0%
rabbi, etc.)		
Clinical psychologist	6	1%
College administrator/staff	47	4%
College professor	9	1%
Computer	57	5%
programmer/systems analyst		
Conservationist/forester	10	1%
Engineer	21	2%
Farmer/rancher	3	0%
Homemaker (full-time)	3	0%
Interior decorator/designer	1	0%
Lab technician/hygienist	10	1%
Law enforcement officer	2	0%
Lawyer/attorney/judge	6	1%
Military service (career)	2	0%
Musician/performer/composer	2	0%
Nurse	17	2%
Other/Not listed	454	41%
Pharmacist	1	0%
Physician/medical doctor	4	0%
Policymaker/government	11	1%
School counselor	12	1%
Scientific researcher	22	2%

Response	Number of Responses	Percentage of Total
		Responses
Skilled trades	12	1%
Social/welfare/recreation	62	6%
worker		
Teacher/administrator	81	7%
(elementary)		
Teacher/administrator	75	7%
(secondary)		
Therapist (physical,	25	2%
occupational, speech)		
Veterinarian	1	0%
Writer/journalist	2	0%
Total	1,109	100%

Which best reflects your industry of employment?

Response	Number of Responses	Percentage of Total
		Responses
Accommodation and Food	39	3%
Services		
Administrative and Support	10	1%
and Waste Management		
and Remediation Services		
Agriculture, Forestry,	40	4%
Fishing and Hunting		
Arts, Entertainment, and	48	4%
Recreation		
Construction	21	2%
Educational Services	310	28%
Finance and Insurance	27	2%
Health Care and Social	167	15%
Assistance		
Information	38	3%
Management of Companies	19	2%
and Enterprises		
Manufacturing	7	1%
Mining, Quarrying, and Oil	1	0%
and Gas Extraction		
Other Services	239	22%

Response	Number of Responses	Percentage of Total
		Responses
Professional, Scientific and	51	5%
Technical Services		
Public Administration	21	2%
Real Estate and Rental and	14	1%
Leasing		
Retail Trade	38	3%
Transportation and	10	1%
Warehousing		
Utilities	6	1%
Wholesale Trade	6	1%
Total	1,109	100%

In your career, to what degree have you been able to do the following?

Take a leadership role at work

	•	
Response	Number of Responses	Percentage of Total Responses
Never	34	3%
Rarely	82	7%
Somewhat	223	20%
Often	305	28%
Very often	465	42%
Total	1,109	100%
Take leadership roles in your	community	
Response	Number of Responses	Percentage of Total
		Responses
Never	173	16%
Rarely	205	18%
Somewhat	318	29%
Often	216	19%
Very often	197	18%
Total	1,109	100%
Contribute to the welfare of your community		
Response	Number of Responses	Percentage of Total
		Responses
Never	122	11%
Rarely	174	16%
Somewhat	280	25%

Response	Number of Responses	Percentage of Total
		Responses
Often	252	23%
Often Very often	281	25%
Total	1,109	100%
Use your education and work to address real-world problems		
Resnanse	Number of Responses	Percentage of Total

Response	Number of Responses	Percentage of Total
		Responses
Never	79	7%
Rarely		9%
Somewhat	243	22%
Often	309	28%
Often Very often	377	34%
Total	1,109	100%

Serve in professional organizations in your field

Response	Number of Responses	Percentage of Total Responses
Never	214	19%
Rarely	144	13%
Somewhat	228	21%
Often	236	21%
Very often	287	26%
Total	1.109	100%

Response Rates

University Overall

Response Status	Number	Percentage of Total
Responded	1,338	25%
Did Not Respond	4,040	75%

By College

College of Arts, Humanities and Social Sciences

Response Status	Number	Percentage of Total
Responded	582	27%
Did Not Respond	1,595	73%

College	of	Business

Response Status	Number	Percentage of Total	
Responded	148	18%	
Did Not Respond	680	82%	
College of Education			
Response Status	Number	Percentage of Total	
Responded	78	21%	
Did Not Respond	285	79%	
College of Health Sciences and	d Human Services		
Response Status	Number	Percentage of Total	
Responded	217	24%	
Did Not Respond	675	76%	
College of Science			
Response Status	Number	Percentage of Total	
Responded	312	28%	
Did Not Respond	805	72%	
Unknown	'		
Response Status	Number	Percentage of Total	
Responded	1	100%	
·			
By Major			
Biology			
Response Status	Number	Percentage of Total	
Responded	74	26%	
Did Not Respond	211	74%	
Business Administration			
Response Status	Number	Percentage of Total	
Responded	146	18%	
Did Not Respond	673	82%	
Cinematic Arts and Technolog	У		
Response Status	Number	Percentage of Total	
Responded	39	26%	
Did Not Respond	113	74%	
Collaborative Health and Human Services			
Response Status	Number	Percentage of Total	
Responded	82	29%	
Did Not Respond	205	71%	
·			

	n Design

Response Status	Number	Percentage of Total
Responded	36	27%
Did Not Respond	96	73%
Computer Science and Inform	ation Technology	
Response Status	Number	Percentage of Total
Responded	55	30%
Did Not Respond	131	70%
Computer Science		
Response Status	Number	Percentage of Total
Responded	7	37%
Did Not Respond	12	63%
Computer Science in 3		
Response Status	Number	Percentage of Total
Responded	6	30%
Did Not Respond	14	70%
Environmental Science, Techr	ology and Policy	
Response Status	Number	Percentage of Total
Responded	34	23%
Did Not Respond	113	77%
Environmental Studies		
Response Status	Number	Percentage of Total
Responded	20	27%
Did Not Respond	53	73%
Global Studies	'	
Response Status	Number	Percentage of Total
Responded	32	30%
Did Not Respond	73	70%
Human Communication		
Response Status	Number	Percentage of Total
Responded	142	26%
Did Not Respond	395	74%
Integrated Studies Special Ma	jor	
Response Status	Number	Percentage of Total
Responded	8	23%
Did Not Respond	27	77%
	•	

Japanese	Language	and Cu	lture
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1 0 0		
Response Status	Number	Percentage of Total
Responded	22	39%
Did Not Respond	35	61%
Kinesiology		
Response Status	Number	Percentage of Total
Responded	122	22%
Did Not Respond	441	78%
Liberal Studies		
Response Status	Number	Percentage of Total
Responded	78	21%
Did Not Respond	285	79%
Marine Science		
Response Status	Number	Percentage of Total
Responded	38	25%
Did Not Respond	112	75%
Mathematics		
Response Status	Number	Percentage of Total
Responded	42	40%
Did Not Respond	63	60%
Music		
Response Status	Number	Percentage of Total
Responded	9	19%
Did Not Respond	38	81%
Nursing		
Response Status	Number	Percentage of Total
Responded	13	31%
Did Not Respond	29	69%
Psychology		
Response Status	Number	Percentage of Total
Responded	182	27%
Did Not Respond	500	73%
Social and Behavioral Sciences		
Response Status	Number	Percentage of Total
Response Status Responded	Number 71	Percentage of Total 24%

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Response Status	Number	Percentage of Total
Responded	15	26%
Did Not Respond	42	74%
Sustainable Hospitality Manag	gement	
Response Status	Number	Percentage of Total
Responded	2	22%
Did Not Respond	7	78%
Teladramatic Arts and Techno	logy	
Response Status	Number	Percentage of Total
Responded	24	36%
Did Not Respond	43	64%
Unknown		
Response Status	Number	Percentage of Total
Responded	1	100%
Visual and Public Art		
Response Status	Number	Percentage of Total
Responded	35	27%
Did Not Respond	95	73%
World Language and Cultures		
Response Status	Number	Percentage of Total
Responded	3	30%
Did Not Respond	7	70%

Respondent Profile

Respondents by Admission Type

Admission Type	Number	Percentage of Total
First-Time Freshmen	582	43%
Lower Division Transfer	27	2%
Postbaccalaureate	3	0%
Transitory	1	0%
Unknown	1	0%
Upper Division Transfer	724	54%

Respondents by Gender

Gender	Number	Percentage of Total
Female	871	65%

Gender	Number	Percentage of Total
Male	466	35%
Unknown	1	0%

Respondents by First Generation Status

First Generation Status	Number	Percentage of Total
First Generation	691	52%
Not First Generation	582	43%
Unknown	65	5%

Respondents by Underrepresented Minority Status

Underrepresented Minority	Number	Percentage of Total
Status		
Underrepresented Minority	515	38%
Non-Underrepresented	822	61%
Minority		
Unknown	1	0%

Respondents by Race / Ethnicity

First Generation Status	Number	Percentage of Total
American Indian/Alaska	11	1%
Native		
Asian	68	5%
Black/African American	52	4%
Hispanic/Latino	452	34%
Native Hawaiian/Other	9	1%
Pacific Islander		
Not Specified	169	13%
Unknown	1	0%
White	576	43%

Respondents by Region of Origin

Region of Origin	Number	Percentage of Total
 Tri-County	471	35%
Central California	232	17%
Northern California	253	19%
Southern California	294	22%
Other States	21	2%
Other Countries	2	0%
Unknown	65	5%

Respondents by Current Region

Current Region	Number	Percentage of Total
Tri-County	345	26%
Other California	885	66%
Other States	81	6%
Other Countries	1	0%
Unknown	26	2%

Respondents by Graduation Year

Graduation Year	Number	Percentage of Total
2010 and earlier	3	0%
2011	143	11%
2012	226	17%
2013	251	19%
2014	258	19%
2015	421	31%
2016	35	3%
Unknown	1	0%