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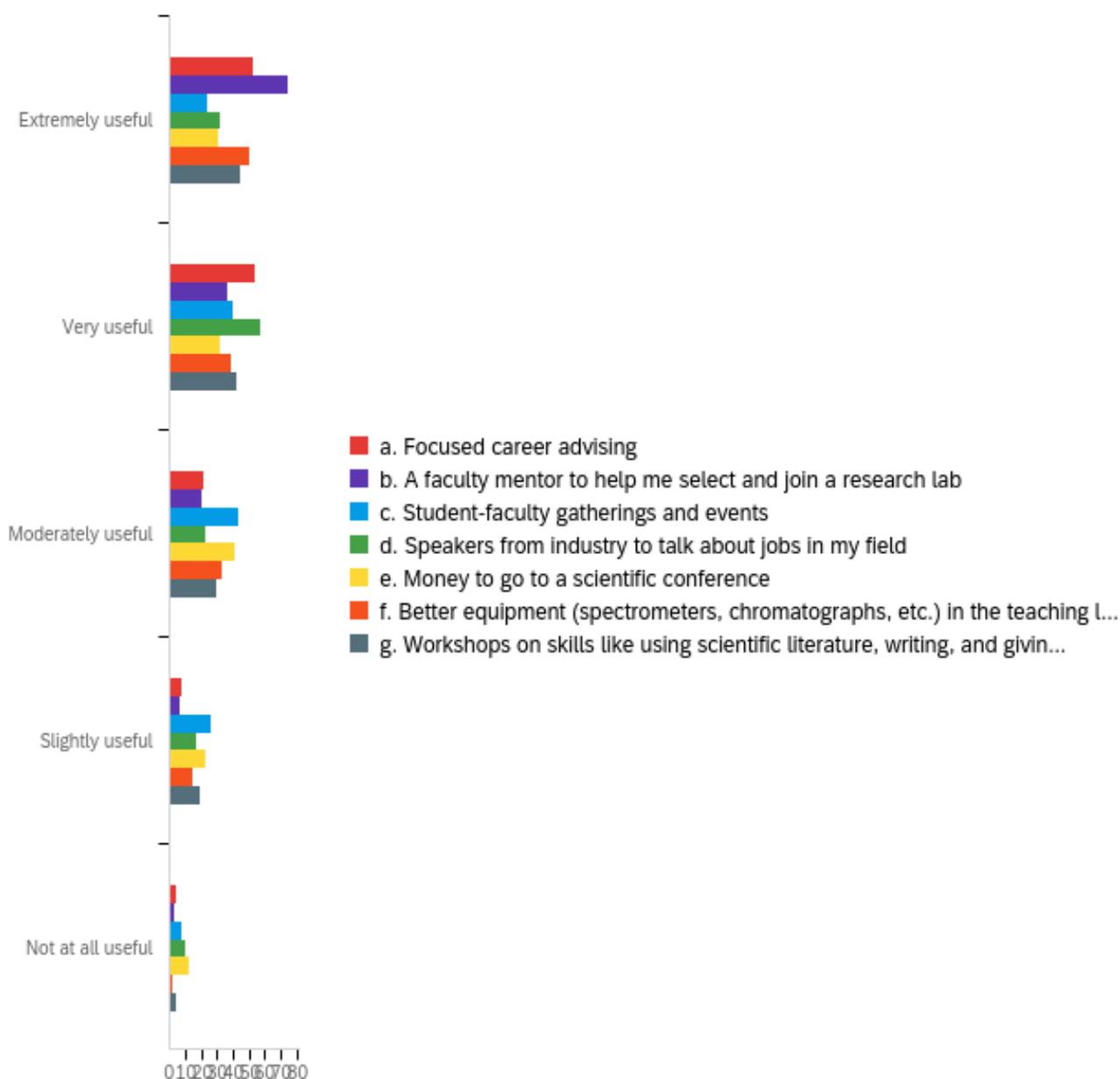
CBC undergraduate program survey

November 5th 2020, 1:22 pm MST

Q_RecaptchaScore

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Q_RecaptchaScore	0.10	0.90	0.87	0.09	0.01	141

Q1 - How useful do you feel each of the following would be in helping you succeed as a CBC undergraduate student?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	a. Focused career advising	1.00	5.00	1.97	1.01	1.01	140
2	b. A faculty mentor to help me select and join a research lab	1.00	5.00	1.76	0.99	0.98	140
3	c. Student-faculty gatherings and events	1.00	5.00	2.66	1.11	1.24	140
4	d. Speakers from industry to talk about jobs in my field	1.00	5.00	2.40	1.17	1.38	139

5	e. Money to go to a scientific conference	1.00	5.00	2.65	1.23	1.52	138
6	f. Better equipment (spectrometers, chromatographs, etc.) in the teaching labs	1.00	5.00	2.14	1.07	1.14	139
7	g. Workshops on skills like using scientific literature, writing, and giving presentations	1.00	5.00	2.24	1.13	1.28	139

#	Question	Extremely useful		Very useful		Moderately useful		Slightly useful		Not at all useful		Total
1	a. Focused career advising	37.86%	53	38.57%	54	15.00%	21	5.71%	8	2.86%	4	140
2	b. A faculty mentor to help me select and join a research lab	53.57%	75	25.71%	36	14.29%	20	4.29%	6	2.14%	3	140
3	c. Student-faculty gatherings and events	17.14%	24	28.57%	40	30.71%	43	18.57%	26	5.00%	7	140
4	d. Speakers from industry to talk about jobs in my field	23.02%	32	41.01%	57	16.55%	23	12.23%	17	7.19%	10	139
5	e. Money to go to a scientific conference	22.46%	31	23.19%	32	29.71%	41	15.94%	22	8.70%	12	138
6	f. Better equipment (spectrometers, chromatographs, etc.) in the teaching labs	35.97%	50	28.06%	39	23.74%	33	10.79%	15	1.44%	2	139
7	g. Workshops on skills like using scientific literature, writing, and giving presentations	32.37%	45	30.22%	42	20.86%	29	13.67%	19	2.88%	4	139

Q2 - What additional resources you would like CBC to offer for you to be successful?

What additional resources you would like CBC to offer for you to be successful?

I would love to be able to go to scientific conferences or to have a faculty mentor to help me select and join a research lab.

Unsure

Other ways to gain experience in the field outside of working in a research lab

More thorough explanations of lab spectrums and more 1 on 1 help to better be able to run a procedures alone

I think resources on the many lab techniques that are used would be helpful. And I also think more independent procedure creation to work on labs instead of following a procedure.

more peer support and a set up for peer groups (like the cohorts in education)

Shadowing opportunities in our choice of job field

Even more research/lab assistance/opportunities

More focus on analytical chemistry/ real world chemistry than biochemistry topics

More interesting and diverse elective courses that are consistently offered.

Professional communication courses.

Our college advisors are fabulous and I love them but a person dedicated to students on the grad school path to help with that process (picking and applying) would be super useful

I hated my CBC experience. I don't feel like I was ever appreciated or acknowledged. The upper division biochemistry professors were rude and completely disregarding of undergrad biochem majors. My experience at the U of A, on top of the astronomical cost of tuition, has solidified my decision to never go to any college in the United States. I will be moving overseas for an affordable, caring higher education.

I would like to mainly focus on career advising and speakers from my preferred industry.

None other than those listed above

There should be something like industry-academia cooperation/collaboration during undergraduate. The university isn't for philosophy anymore. Most of it is for preparing a person to be able to contribute to the world by work. Only very very few percentage of people do real scholar research. Therefore, an industrial experiment should be imported by uni/faculty/instructor. Time to jump out of the textbook.

None I can think of per-se. SciFinder is semi limited although if signed in google under UA, specific sites like Science Direct

Research advisors

Career advising from scientists of color

More advising plans (4 year plans) or even accelerated plans to graduate earlier

N/A

Workshops or 1 on 1 assistance for honing research skills.

Support 463a. It definitely taught the most career applicable material for a biochemist.

Options after getting bachelor's degree

NA

A niche gripe, but flexibility in incorporating interdepartmental research into the BS/MS program. Besides that, the above programs are excellent ideas and I look forward to their implementation.

N/A

I think a committee of mentors, just like a club, who can update us on more things than just advisors' email would be helpful cuz we can receive more information about labs, opportunities.

N/A

MA

N/A

more lab experiences

more guidance in how to either take more organized notes (online school, lecture, learning material) is very unorganized and I am having a hard time figuring out how to study on my own.

More opportunities to speak with mentors and other faculty in order to get better ideas of what to pursue following graduation.

More and earlier guidance to thesis. Also, career focused survey classes, like forensic science would be cool, so that we can have a trial run for careers that might interest us. I understand if there isn't enough money for that though, I didn't know labs didn't get tuition funding (I think they should, just like any classroom)!

Possible tutoring help

Organized laboratory curriculum in higher lab teaching classes, encouraged semester meetings with assigned faculty research mentor

Colloquium 395 course ought to be more useful. Also more seminar talks from non-academics

I would like better help and advise from my CBC advisor as I feel as though every question I ask is only generally addressed rather than giving me any kind of helpful direction. I have asked numerous specific questions about classes and have received incorrect information about my transfer credit.

N/A

N/A

Not sure, Maybe expansion of CBC course related think tank tutoring hours and access

Especially in Chem labs stop using extremely old techniques and chemical reactions, there is much more applicable chemical reactions that modern labs use (suzuki, cycloadditon, click chemistry, etc). Learning Grignard's is useless.

N/A

I will transfer to a different school and finish my degree there if this school dreams of spending that much money on football and not that much money on my education. Why doesn't tuition cover my lab experiences? What kind of joke is this?

I think the CBC does a wonderful job in promoting the success of their students. It would be nice to see more cohesion between the major and better equipment in labs.

I feel like the courses we have cover most of this and if we have questions about events, research labs, conferences, etc. we can ask current faculty. It seems redundant to offer this.

more seminars/informational seminars of the summer internship/research programs for undergraduates

I think CBC gives students a lot of good resources now really, it's hard to take advantage of them since everything is virtual but there are still good resources

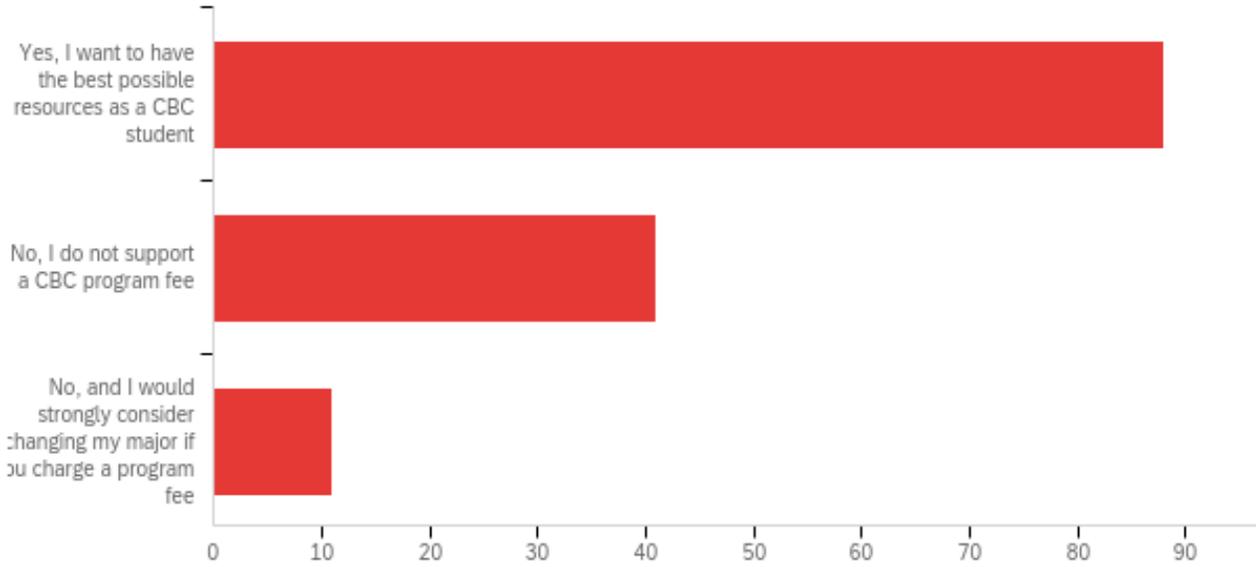
N/A

Tutoring for higher level courses

Additional resources to assist in lab with regards to report writing and data analysis. The expectations for what students are to do with almost no information/instruction is unreasonable at times. More guidance/resources would be great.

Help on graduate admissions starting end of Junior year, I have no idea what I am doing

Q3 - If the above resources were to result in a CBC program fee (\$50-\$150/semester, would you support paying this additional fee?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	If the above resources were to result in a CBC program fee (\$50-\$150/semester, would you support paying this additional fee?	1.00	3.00	1.45	0.64	0.40	140

#	Answer	%	Count
1	Yes, I want to have the best possible resources as a CBC student	62.86%	88
2	No, I do not support a CBC program fee	29.29%	41
3	No, and I would strongly consider changing my major if you charge a program fee	7.86%	11
	Total	100%	140

Market Pricing

Comparison of our tuition with peer institutions (Table 1) shows that addition of the program fee does not affect our competitive pricing. In fact, the programs in Table 1 with lower resident tuition have higher non-resident rates. We selected peer universities with similar size programs (based on ACS degree data) and similar rankings. It is important to note that the University of Arizona is currently ranked #10 in the US in analytical chemistry by US News & World Report. Several of the programs in Table 1 are also in the top ten analytical programs. To remain competitive in this area, it is crucial that we offer state-of-the-art analytical instrumentation in our teaching labs—one of the principal objectives of this program fee.

Table 1. Comparison with peer institutions. Values in yellow are higher than UA tuition values.

Institution	Degree program	Resident tuition	Requested fee	Resident total	Non-resident tuition	Requested fee	Non-resident total
University of Illinois at Urbana-Champaign	BS Chemistry, BS Biochemistry	\$17,258.00		\$17,258.00	\$34,708.00		\$34,708.00
University of Minnesota-Twin Cities	BS Chemistry	\$17,142.00		\$17,142.00	\$35,440.00		\$35,440.00
University of Minnesota-Twin Cities	BS Biochemistry	\$15,142.00		\$15,142.00	\$33,440.00		\$33,440.00
Michigan State University	BS Biochemistry & Molecular Biology; BA/BS Chemistry	\$14,460.00		\$14,460.00	\$39,776.00		\$39,776.00
University of California-Los Angeles	BS Chemistry, BS Biochemistry	\$13,239.00		\$13,239.00	\$36,767.00		\$36,767.00
University of Arizona	BA/BS Chemistry, BA/BS Biochemistry	\$12,696.00	\$100.00 (l) \$300.00 (u)	\$12,996.00	\$36,723.00	\$300.00	\$37,023.00
Texas A & M University	BA/BS Biochemistry	\$12,070.00		\$12,070.00	\$39,411.00		\$39,411.00
Texas A & M University	BA/BS Chemistry	\$11,728.00		\$11,728.00	\$39,068.00		\$39,068.00
University of Texas at Austin	BS Chemistry, BS Biochemistry	\$11,480.00		\$11,480.00	\$39,874.00		\$39,874.00
University of Wisconsin-Madison	BA/BS Chemistry, BS Biochemistry	\$10,742.00		\$10,742.00	\$38,630.00		\$38,630.00

The program fee is not expected to negatively affect student demand for our programs. Only a small percentage of the students in our survey indicated that they would consider changing majors due to the fee. We believe that the program enhancements provided by this fee will increase student satisfaction and make them better prepared for their careers. This in turn will lead to better opportunities for them upon graduation.