

Biotech_students_PRE_Fall 2020

Start of Block: consent

Q37 Biotechnology Student Pre-Survey

What is this survey about?

The purpose of this survey is to learn about your perceptions of yourself as a student. This survey is part of an evaluation of a National Science Foundation (NSF) grant.

What will be done with my responses?

Your responses will be kept confidential. Your responses will be averaged with the results from other students and will be used to improve biotechnology education.

Do I have to complete this survey?

You can refuse to participate or withdraw from this evaluation at any time. The survey will take about 10 minutes. If you do not want to take part in the study, simply do not click continue and do not proceed to the next page. You will receive a \$5 Amazon gift card for participating. If you do not want to take part in the study, simply do not click continue and do not proceed to the next page.

What if I have questions?

If you have questions, complaints or concerns about this study, you can contact Dr. Amy Auletto, Research and Evaluation Associate at the Utah Education Policy Center, at amy.auletto@utah.edu. If you feel you have been harmed as a result of participation, please contact Dr. Auletto.

Institutional Review Board: Contact the Institutional Review Board (IRB) if you have questions regarding your rights as a research participant. Also, contact the IRB if you have questions, complaints or concerns which you do not feel you can discuss with the investigator. The University of Utah IRB may be reached by phone at (801) 581-3655 or by e-mail at irb@hsc.utah.edu. The Salt Lake Community College IRB may be reached at irb@slcc.edu.

Research Participant Advocate: You may also contact the Research Participant Advocate (RPA) by phone at (801) 581-3803 or by email at participant.advocate@hsc.utah.edu.

Consent

By selecting "Yes, I would like to participate." and responding to the questions in this online questionnaire, I confirm I have read the information in this consent form and have the opportunity to ask questions. I voluntarily agree to take part in this evaluation study.

Thank you for completing this survey!

- Yes, I would like to participate. (1)
- No, I would not like to participate. (2)

End of Block: consent

Start of Block: Default Question Block

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Q27 When did you begin coursework as part of SLCC's Biotech program?

- Prior to Fall 2018 (1)
 - Fall 2018 or later (2)
-

Q3 Please describe your race/ethnicity.

- African American/Black (1)
 - American Indian or Alaska Native (2)
 - Asian (3)
 - Hispanic or Latino/a (4)
 - Native Hawaiian/Pacific Islander (5)
 - White (6)
 - More than one race (8)
 - Unknown (7)
-

Q4 Sex

- Male (1)
 - Female (2)
 - Other or prefer not to say (3)
-

Q6 Age

Under 20 (1)

20-24 (2)

25-29 (3)

30-34 (4)

35-39 (5)

40 or older (6)

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Q7 What is the highest level of education that any one of your **parents/guardians** have attained?

- Unknown (1)
- Did not graduate from high school (2)
- High school diploma (including GED or equivalent) (3)
- Some college credit, no degree or certification (4)
- Certificate of Proficiency/Vocational certificate (5)
- Associate's degree (for example: AAS, AA, AS) (6)
- Bachelor's degree (for example: BA, BS) (7)
- Graduate degree (for example: MA, MS, MBA, MD, DDS, JD, PhD) (8)

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Q9 What is the highest level of education **you** have completed?

- Unknown (1)
 - Did not graduate from high school (2)
 - High school diploma (including GED or equivalent) (3)
 - Some college credit, no degree or certification (4)
 - Certificate of Proficiency/Vocational certificate (5)
 - Associate's degree (for example: AAS, AA, AS) (6)
 - Bachelor's degree (for example: BA, BS) (7)
 - Graduate degree (for example: MA, MS, MBA, MD, DDS, JD, PhD) (8)
-

Q11 What year did you complete your highest degree or level of education?

▼ 1975 or earlier (1) ... 2020 (46)

Q17 Where have you taken classes toward your highest degree (check all that apply)?

- Utah high school (1)
 - Utah College of Applied Technology (2)
 - Salt Lake Community College (3)
 - University of Utah (4)
 - Southern Utah University (5)
 - USU Eastern (6)
 - Utah State University (7)
 - Snow College (8)
 - Utah Valley University (9)
 - Weber State University (10)
 - Dixie State University (11)
 - Brigham Young University (12)
 - Westminster College (13)
 - Other (14) _____
-

Q15 What is your major area of study at Salt Lake Community College? Please mark all that apply.

- Biology (1)
 - Chemistry (2)
 - Biotechnology (3)
 - Bio-medical Engineering (4)
 - Medical Laboratory Science (5)
 - Other science field (please specify) (6)
-
- Other non-science field (please specify) (7)
-

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Q13 To what extent do you agree or disagree that the following issues have affected your education?

	Strongly disagree (1)	Disagree (2)	Agree (3)	Strongly agree (4)
Financial difficulties (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health or personal problems (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work schedule (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work responsibilities (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Family responsibilities (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coursework too difficult (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Courses not challenging enough (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Classes not available when I needed them (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have felt out of place (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I lacked motivation to study and complete assignments (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking only a few courses at a time was slow and discouraging (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficulty with transportation (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify) (13)

Q14 Please indicate how much you **disagree** or **agree** with the following statements:

	Strongly disagree (1)	Disagree (2)	Neither agree nor disagree (3)	Agree (4)	Strongly agree (5)
I was (am) a good student. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy learning new concepts. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy learning new skills. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I prefer routine tasks. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy facing challenges. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would like to learn new job-related skills. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am good at solving problems. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Q29 Which courses are you currently enrolled in? Select all that apply.

- BTEC 1000: Biotechnology: Engineering Life (1)
- BTEC 1100: Applied Molecular Methods (2)
- BTEC 1200: Aseptic Technique (3)
- BTEC 1300: Introduction to Manufacturing (4)
- BTEC 2000: Biotechnology Experience (5)
- BTEC 2020: Biomolecular Separation and Analysis (6)
- BTEC 2030: Cell Culture (7)
- BTEC 2200: Advanced Molecular Methods (8)

Display This Question:

If Which courses are you currently enrolled in? Select all that apply. = BTEC 1000: Biotechnology: Engineering Life

Q30 How much did the following influence your decision to choose to take BTEC 1000?

	Not at all (1)	A little (2)	A moderate amount (3)	A lot (4)	A great deal (5)
It fits my schedule. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It sounded more interesting than the other general education options. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am very interested in Biotechnology. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I wanted to try something different. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I plan to major in Biotechnology or a related field. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biotechnology is relevant to my current job. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in taking a competency-based course. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Q20 Are you currently employed?

Yes (1)

No (2)

Display This Question:

If Are you currently employed? = Yes

Q25 Are you a full-time or part-time employee?

Full-time (1)

Part-time (2)

Display This Question:

If Are you currently employed? = Yes

Q17 Are you currently working at a biotechnology company?

Yes (1)

No (2)

Display This Question:

If Are you currently working at a biotechnology company? = No

Q22 What field(s) do you work in? Select all that apply.

- Biology (1)
- Chemistry (2)
- Biotechnology (3)
- Bio-medical Engineering (4)
- Medical Laboratory Science (5)
- Other science field (please specify) (6) _____
- Other non-science field (please specify) (7) _____

Display This Question:

If Are you currently working at a biotechnology company? = Yes

Q23 Who is your employer?

- ARUP Laboratories (1)
- BioFire Diagnostics (2)
- Nelson Laboratories (3)
- Other (please specify) (4) _____

Display This Question:

If Are you currently employed? = Yes

Q32 Please provide your current wage or salary as either an hourly **or** annual rate:

Display This Question:

If Are you currently employed? = Yes

Q33 Hourly rate:

- \$7.50 or less (1)
- \$7.51-\$15.00 (2)
- \$15.01-\$22.50 (3)
- \$22.51-\$30.00 (4)
- \$30.01-\$37.50 (5)
- More than \$37.50 (6)

Display This Question:

If Are you currently employed? = Yes

Q26 Annual rate:

- \$1-\$15,000 (1)
- \$15,001-\$30,000 (2)
- \$30,001-\$45,000 (3)
- \$45,001-\$60,000 (4)
- \$60,001-\$75,000 (5)
- More than \$75,000 (6)

Page Break

Display This Question:

If Are you currently employed? = Yes

Q24 Please indicate how much you **disagree** or **agree** with the following statements about your current job. If you have more than one job, answer for the job that is most important to you.

	Strongly Disagree (1)	Disagree (2)	Neither Disagree nor Agree (3)	Agree (4)	Strongly Agree (5)
This is the type of job I've always wanted. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I'm looking for a higher paying position in the field. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I'm looking for a higher paying position in a different field. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would like to be promoted within my current company. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do not like the work in my current position. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel unprepared to do the tasks required by this job. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have health problems that will affect my ability to remain in this position. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have caregiving responsibilities that will affect my ability to remain in this position. (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

My supervisor does not explain assignments thoroughly. (9)

My supervisor does not provide feedback. (10)

I'm not qualified for any other type of job. (11)

Other, please list. (12)

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Start of Block: giftcard

giftcard Thank you for completing the survey! As a token of our appreciation for your feedback, we are offering a \$5 Amazon gift card. To receive this electronic gift card, you will be redirected to a secure website hosted by Salt Lake Community College where you will be asked to provide your email address. The personal information provided on this website will: ONLY be used for the purposes of providing you with the electronic gift card NOT be shared with any person or party who is not directly involved with providing you with your gift card NOT be connected to your survey responses in any way **If you would like to receive the electronic gift card, please select Yes below. If you would like to forego the gift card and submit your survey, please select No below.**

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- No, I would prefer not to provide my email address. (1)
- Yes, I would like to provide my email address and receive a gift card. (2)

End of Block: giftcard
