2019-2020 Graduating Senior Survey:
Department of Biological Sciences

INSTRUCTIONS:

The Department of Biological Sciences is very interested in your opinions, and believes that as a graduating senior you can provide us with useful information to help evaluate and improve our program. Thank you for taking the time to reflect on your experiences and answer these questions **based on your time at NC State.**

Once you have answered all the questions, you must click on the "Next" button at the end of the form to submit your answers.

biosci1 **1. Have you ever had difficulty getting into courses required for your major or finding major electives to take?**

* Yes (1)
* No (0)

Display This Question:

If 1. Have you ever had difficulty getting into courses required for your major or finding major ele... = Yes

biosci1a\_text **1a. In which courses have you had difficulty enrolling? (Please provide course name and number if possible)**

biosci2 **2. Are there scientific topics that you would have pursued had more courses been offered in that area?**

* Yes (1)
* No (0)

Display This Question:

If 2. Are there scientific topics that you would have pursued had more courses been offered in that... = Yes

biosci2a **2a. In what areas would you have liked to see more courses offered? *(Select all that apply)***

* Bioinformatics (1)
* Conservation Biology (2)
* Developmental Biology (3)
* Ecology (4)
* Evolution (5)
* Forensics (6)
* Genetics and Genomics (7)
* Microbiology (8)
* Molecular and Cellular Biology (9)
* Neuroscience (10)
* Paleobiology (11)
* Physiology (12)
* Quantitative Biology (13)
* Toxicology and Environmental Health Sciences (14)
* Zoology (15)
* Other *(please specify)* (16) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

biosci3 **3. Did you gain authentic research experience as an undergraduate student?**
**(Authentic research involves generating novel hypotheses and designing experiments to collect and analyze data, generating new knowledge. Authentic research, even if it occurs in the context of a class, differs from traditional lab exercises that do not have the potential to generate new knowledge.)**

* Yes (1)
* No (0)

Display This Question:

If 3. Did you gain authentic research experience as an undergraduate student? (Authentic research in... = Yes

biosci3a\_1 **3a. Where did you gain authentic research experience? *(Select all that apply)***

* On campus at NC State (1)
* Off campus in North Carolina (2)
* Off campus outside of North Carolina (3)

Display This Question:

If 3. Did you gain authentic research experience as an undergraduate student? (Authentic research in... = Yes

biosci3b **3b. Was your research experience through a formal program to which you applied? *(Select all that apply)***

* No (1)
* Yes, the REU program (2)
* Yes, the SURE program (3)
* Yes, the IRTP/IMSD program (4)
* Yes, other *(please list):* (5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Display This Question:

If 3. Did you gain authentic research experience as an undergraduate student? (Authentic research in... = Yes

biosci3c **3c. Did you gain authentic research experience in a faculty member's research program at NC State? *(Select all that apply)***

* No (1)
* Yes, and I received credit for it as a learning experience (e.g., BSC 493, BIO 499, GN 496, other prefixes) (2)
* Yes, and I was paid for my time (including work study) (3)
* Yes, as a volunteer (no pay, no credit) (4)

Display This Question:

If 3. Did you gain authentic research experience as an undergraduate student? (Authentic research in... = Yes

biosci3d **3d. Did you gain authentic research experience in a course format? (Select all that apply)**

* No (1)
* Yes, in BIO 269 (2)
* Yes, in BSC 478 (3)
* Yes, in MB 360 (4)
* Yes, in GN 425 (5)
* Yes, in other *(please list):* (6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Display This Question:

If 3. Did you gain authentic research experience as an undergraduate student? (Authentic research in... = No

biosci3a\_2 **3a. Why were you not able to gain authentic research experience? *(Select all that apply)***

* Tried to find a research opportunity in a particular subject area in biological sciences, but was unsuccessful (1)
* Found opportunities but not one that fit my interests (2)
* Needed a paid position but could not find one (3)
* Did not know how to go about finding an opportunity (4)
* Wanted to get a research experience but ultimately could not fit it into my schedule (5)
* Other *(please specify):* (6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

biosci4 **4. Were you able to work in a research program aligned with your scientific interests?**

* Yes (1)
* No (0)

Display This Question:

If 4. Were you able to work in a research program aligned with your scientific interests? = Yes

biosci4a\_1 **4a. What was the focus of the research program in which you worked? *(Select all that apply)***

* Bioinformatics (1)
* Conservation Biology (2)
* Developmental Biology (3)
* Ecology (4)
* Evolution (5)
* Forensics (6)
* Genetics and Genomics (7)
* Microbiology (8)
* Molecular and Cellular Biology (9)
* Neuroscience (10)
* Paleobiology (11)
* Physiology (12)
* Quantitative Biology (13)
* Toxicology and Environmental Health Sciences (14)
* Zoology (15)
* Other *(please indicate):* (16) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Display This Question:

If 4. Were you able to work in a research program aligned with your scientific interests? = Yes

biosci4b **4b. How long was your research experience? *(Select all that apply)***

* A semester or less (1)
* Summer(s) (2)
* Greater than a semester (3)

Display This Question:

If 4. Were you able to work in a research program aligned with your scientific interests? = Yes

biosci4c **4c. Which of the following were part of your research experience? *(Select all that apply)***

* I presented a poster on my research. Please tell us where you presented: (1)
* I gave a talk on my research. Please tell us where you spoke: (2)
* I wrote a paper on my research (not published) (3)
* I authored or co-authored a publication on my research or am in the process of doing so (4)

Display This Question:

If 4. Were you able to work in a research program aligned with your scientific interests? = Yes

biosci4d\_text **4d. Is there anything else you would like to share about your course or research experience at NC State?**

Display This Question:

If 4. Were you able to work in a research program aligned with your scientific interests? = No

biosci4a\_2 **4a. Why were you not able to work in a research program aligned with your scientific interests?**

* The labs in which I was interested did not have open positions (1)
* I needed a paid position and there were none available in labs aligned with my scientific interest (2)
* I found a lab of interest, but could not fit it into my schedule (3)
* Other *(please specify):* (4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_