Duke Biosciences Collaborative for Research Engagement Program (BioCoRE)

Undergraduate Explorer/Summer Scholar Application

What is Duke BioCoRE?
Duke BioCoRE is an institutional program centered on building an inclusive community of diverse research scholars in the biomedical, biological, and behavioral sciences.

Undergraduate BioCoRE Program
The BioCoRE undergraduate program is designed to:

1) Provide paid research-intensive laboratory experiences within Duke labs.
2) Educate scholars on careers in research while fostering community around scientific interest.
3) Cultivate an interest in graduate school by providing first-hand opportunities to interact with and get mentorship from Duke graduate students and faculty members.
4) Prepare competitive applicants for high research intensive graduate programs in the biosciences.
5) Enhance scholars’ scientific excellence and professional development.

Our long-term goal is to prepare and encourage our scholars to pursue a career in research. Undergraduates who are interested in research careers in the biosciences are invited to apply to be a BioCoRE Summer Scholar and/or a BioCoRE Explorer. Appointment will be based on the fit of the applicants to the program goals and slot availability.

BioCoRE Summer Scholar
An 8-week immersive summer research opportunity of 40 hours per week.

BioCoRE Explorers
A semester commitment (14 weeks) of 10 research hours per week that must be feasible given class schedules.
Basic Information

How did you hear about the BioCoRE Program? (Check all that apply)

☐ BioCoRE scholar
☐ BioCoRE faculty or staff member
☐ Academic Advisor
☐ Email
☐ Other

First Name:

Last Name:

Duke Email Address:

Duke Unique ID Number

Duke Card Number

Alternate Email Address:
Phone number (please include your area code)
Ex. 9195555555

What is your department or program?

What year do you expect to graduate?

What is your current classification?
- First year
- Sophmore
- Junior
- Senior

Which program are you interested in applying to? (Select all that apply)
- BioCoRE Summer Scholar (40 hours per week for 8 weeks: May 29-July 28, 2018)
- BioCoRE Explorer (10 hours per week for 14 weeks: Fall Semester, 2018)

Are you an existing BioCoRE Explorer? If so, please indicate how many semesters you have participated.
- Yes
- No

Short Answer Questions
Limit of 1500 characters for each short answer.

Please tell us **why you are interested in pursuing scientific research?** **What career pathways are you considering and what excites you about these fields?** If you are unsure about a particular career, please tell us your general area of interest.

Please tell us about **1-2 science experiences (classes, labs, projects, or research) that you have had in the past and describe what you liked and/or disliked about the experience.**

BioCoRE is committed to increasing every aspect of diversity within Duke’s bioscience community. Our society is increasingly enriched by the unique ideas and perspectives of individuals from different backgrounds and life experiences. This diversity of experience results in novel ideas and theories that ultimately propel science forward. **Please describe in a few sentences how you would contribute to BioCoRE’s commitment to diversity in science.**

**Interests and experiences**
Please use the slider to indicate your **level of interest** in the following topics. **Select "0" for little/no interest and "100" for high interest.**

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Please use the slider to indicate your **level of experience** in the following topics. **Select "0" for little/no experience and "100" for high experience.**

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### Additional Information

The Duke BioCoRE program is funded by the National Institutes of Health (NIH) and we are required to report applicant's demographic data. All information that you share will be kept secure and confidential.

Date of birth (mm/dd/yyyy)

Please select which gender you most identify with.

- [ ] Male
- [ ] Female
- [ ] I prefer not to answer
- [ ] Other
Please select which ethnic category you most identify with.

☐ Hispanic or Latino
☐ Not Hispanic or Latino
☐ I prefer not to answer

Please select which racial category you most identify with (Check all that apply).

☐ American Indian or Alaska Native
☐ Asian
☐ Black or African American
☐ Native Hawaiian, Alaska, Native or US Pacific Islander
☐ White or Caucasian
☐ I prefer not to answer

Are you a U.S. citizen or permanent resident card holder?

☐ Yes
☐ No
☐ I prefer not to answer

Which statement best describes your family educational history?

☐ I am the first in my family to attend college
☐ Other family member(s) (i.e. siblings, parents, grandparents) have completed some college
☐ Other family member(s) (i.e. siblings, parents, grandparents) have completed community college or an associate’s degree
☐ Other family member(s) (i.e. siblings, parents, grandparents) have completed a bachelor’s degree
☐ Other family member(s) (i.e. siblings, parents, grandparents) have completed an advanced degree (i.e. Masters, PhD, MD, etc.)
☐ I prefer not to answer

Do you have a disability that you have reported to the Duke Student Disability Access Office?

☐ Yes
☐ No
☐ I prefer not to answer
(Optional)
Please provide any additional information regarding the questions above.

References
Please list at least 1 and up to 3 references (no letter of recommendations required at this time). The references should be individuals who worked with you in an area related to science and who know you are listing their names as references for this application. At least one reference should be a Duke faculty member.

Reference 1: Duke faculty member

First Name

Last Name

Duke email address

Department

Title
Reference 2

First Name

Last Name

Email address

Department

Title

Reference 3

First Name

Last Name
**Commitment to BioCoRE**

Since BioCoRE is committed to provide high-quality and highly-mentored research experiences, we must ensure our scholars are committed to taking advantage of our program. For safety and supervision reasons, research hours for students new to the program are typically restricted to falling within the first shift working hours (Available times you can work in lab are fall in the range of 8 am - 6 pm Monday through Friday).

Students selected to be **BioCoRE Summer Scholars are expected to work 40 paid-research hours per week for 8 weeks starting May 29th through July 28th, 2018.**

Students selected to be **BioCoRE Explorers are expected to work 10 paid research hours per week during the Fall 2018 semester.**

A student can apply to be in both programs or either program.

The required time commitment allows for full incorporation into the lab environment which leads to the most meaningful experiences. After checking and/or revising your class schedule and additional obligations, please indicate if you plan to commit to the expectations of the program you are applying for by checking the box below and signing your initials.

- [ ] I plan to commit to the expectations of the BioCoRE program I am applying for
- [ ] I do not plan to commit to the expectations of the BioCoRE program I am applying for
APPLICATION SUBMITTED

Thank you for applying to BioCoRE! Request for interviews will be sent after applications are in. Email biocore@duke.edu for questions about the program.