

Department of Biomedical Informatics 2024 Summer Internship Program

The application deadline is Friday, March 1, 2024. THIS SYSTEM WILL CLOSE AT NOON on Friday, March 1.

The internship will run from Monday, May 20 to Friday, August 9, 2024.

What is your name?

What is your preferred email address for contact?

What is your Date of Birth? (mm/dd/yyyy)

All positions for this internship are fully-funded. There may be specific funding available which encourages supporting underrepresented groups. Are you part of an underrepresented group* in the biological sciences?

***Groups considered for this purpose include:**

A. Individuals with disabilities, who are defined as those with a physical or

mental impairment that substantially limits one or more major life activities, as described in the Americans with Disabilities Act of 1990, as amended. See NSF data at, <https://www.nsf.gov/statistics/2017/nsf17310/static/data/tab7-5.pdf>.

B. Individuals from disadvantaged backgrounds, defined as those who meet two or more of the following criteria:

1. Were or currently are homeless, as defined by the McKinney-Vento Homeless Assistance Act (Definition: <https://nche.ed.gov/mckinney-vento/>);
2. Were or currently are in the foster care system, as defined by the Administration for Children and Families (Definition: <https://www.acf.hhs.gov/cb/focus-areas/foster-care/>);
3. Were eligible for the Federal Free and Reduced Lunch Program for two or more years (Definition: <https://www.fns.usda.gov/school-meals/income-eligibility-guidelines/>);
4. Have/had no parents or legal guardians who completed a bachelor's degree (see <https://nces.ed.gov/pubs2018/2018009.pdf>);
5. Were or currently are eligible for Federal Pell grants (Definition: <https://www2.ed.gov/programs/fpg/eligibility.html>);
6. Received support from the Special Supplemental Nutrition Program for Women, Infants and Children (WIC) as a parent or child (Definition: <https://www.fns.usda.gov/wic/wic-eligibility-requirements>).
7. Grew up in one of the following areas: a) a U.S. rural area, as designated by the Health Resources and Services Administration (HRSA) Rural Health Grants Eligibility Analyzer (<https://data.hrsa.gov/tools/rural-health>), or b) a Centers for Medicare and Medicaid Services-designated Low-Income and Health Professional Shortage Areas (qualifying zipcodes are included in the file). Only one of the two possibilities in #7 can be used as a criterion for the disadvantaged background definition.

Students from low socioeconomic (SES) status backgrounds have been shown to obtain bachelor's and advanced degrees at significantly lower rates than students from middle and high SES groups (see

https://nces.ed.gov/programs/coe/indicator_tva.asp), and are subsequently less likely to be represented in biomedical research. For background see Department of Education data at, <https://nces.ed.gov/>; https://nces.ed.gov/programs/coe/indicator_tva.asp; <https://www2.ed.gov/rschstat/research/pubs/advancing-diversity-inclusion.pdf>.

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Demographic Information

	Yes	No	Choose not to answer
Are you an individual with a disability?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are you from a disadvantaged background as defined above?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please describe your race/ethnicity, choose all that apply.

Please note that providing this information is voluntary and the information about applicants' race and ethnicity are requested for reporting and analysis purposes only, and will not be visible or considered during the application evaluation process.

- Hispanic or Latino
- Not Hispanic or Latino
- American Indian/Alaska Native
- Asian
- Native Hawaiian or Other Pacific Islander
- Black or African American
- White

Other (please specify)

Choose not to answer

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

Yes

No

What is your current academic level?

High School Student

Undergraduate Student

Graduate Student

Other

School Attending

You selected "Other" as your academic level, please describe.

What is your major or degree program?

What is your anticipated graduation date?

What is your current cumulative GPA?

Relevant Experiences and Classes

Please complete the short answers below with your relevant experiences and coursework you have taken or will complete in the spring semester.

Programming Experience and Languages (R, Python, JAVA, SAS, STATA, etc.), especially if it is not clear on your transcript

Statistical Experience

Experience with Other Types of Qualitative or Quantitative Data Analysis

Do you have any experience working in a medical center, health care organization, or patient care setting (either hands-on, data-only, etc.)?

Yes

No

Do you have experience working in a wet lab setting?

A wet lab is a laboratory space designed to test chemicals, biological matter, and drugs.

Yes

No

Summer Internship 2024 Project Document

Click blue text below to open the PDF.

[Bmi sip_projects su24](#)

Please rank your top THREE project choices from the list below.

A. Courtney Hebert, MD, MS

B. Lijun Cheng, PhD

C. Anjun Ma, PhD

D. Fode Tounkara, PhD

E. Qin Ma, PhD

F. Xia Ning, PhD

G. Yuan Xue, PhD

H. Xiaoli Zhang, PhD

I. Qing Wu, PhD

J. John Bridges, PhD

K. Mohamed Elsaid, PhD

L. Xiaokui (Molly) Mo

M. AI Challenge

N. No Preference

Essay Question: Why are you interested in this program and how do you think it will add to your training and future plans?

The Department of Biomedical Informatics at The Ohio State University believes that excellence in education, service, and research are enhanced when diversity, equity, and inclusion are practiced amongst our students, faculty, and staff. How can you contribute to diversity, equity, and inclusion at our department?

Please have any recommendation letters sent to BMI.Education@osumc.edu.

A recommendation letter is optional!

Please upload a copy of your current resume. If you have trouble uploading your resume, email it to BMI.Education@osumc.edu.

If you do not have a resume, please upload any other documents you have which demonstrate your good academic standing and/or previous research experience.

Please upload an unofficial copy of your current transcript. If you have trouble uploading your transcript, email it to BMI.Education@osumc.edu.