

# Molecular Biology Camp 2.0

**UNLOCK THE NEXT LEVEL OF MOLECULAR BIOLOGY!**



**DATES** June 16-19, 2025, 9 a.m. – 4 p.m.

**LOCATION** Van Es Hall,  
North Dakota State University

**ELIGIBILITY** Open to students who completed Molecular Biology Camp 1.0 or have relevant equivalent experience.

**SPOTS AVAILABLE** 12

**COST** FREE (stipends provided + lunch included)

## WHAT TO EXPECT

- Hands-on experience with high-tech sequencing equipment in NDSU's Biotech Innovation Core
- Advanced molecular biology techniques beyond Bio-Rad kits
- Explore graduate school and career paths in molecular biology

## PROGRAM DETAILS

- High School Molecular Biology Boot Camp 1.0 now offered at nine locations across the state
  - » DNA Fingerprinting, GMO Detection, pGLO Bacterial Transformation, ELISA
  - » Disease Detection, Enzymes from Mushrooms
- Established in 2014, initially funded by NSF and subsequently supported by ND INBRE (NIH)
- Designed to provide an introduction to lab-based scientific inquiry for students grades 10-12

## » APPLY NOW

Show us your understanding of Molecular Biology and your excitement for learning more! Applications are simple and quick. Don't miss your chance to deepen your molecular biology skills!

## » DEADLINE TO APPLY

Thursday, May 1

# APPLICATION: MOLECULAR BIOLOGY CAMP 2.0



Name: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

School: \_\_\_\_\_

Grade (as of Fall 2025): \_\_\_\_\_

1. What was your favorite part of Molecular Biology Camp 1.0 or other relevant experience in molecular biology, and why?

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2. What is one molecular biology technique or concept that you find most interesting?  
How do you think it applies to real-world research?

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3. Why are you excited to participate in Molecular Biology Camp 2.0?

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4. What are your future academic or career interests?

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5. What science courses have you completed? What grade did you earn in each?

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6. Please submit a reference letter from one of your science teachers. The letter should briefly discuss your skills, curiosity and enthusiasm for molecular biology.

7. Please indicate if you have any health or dietary restrictions or accommodations needed.

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NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to: Vice Provost, Title IX/ADA Coordinator, Old Main 100, 701-231-7708, [ndsueoaa@ndsuh.edu](mailto:ndsueoaa@ndsuh.edu).

**SUBMIT YOUR APPLICATION BY:**  
Thursday, May 1, 5 p.m.

**FOR QUESTIONS, CONTACT:**  
[danielle.condry@ndsuh.edu](mailto:danielle.condry@ndsuh.edu)

**NDSU** MICROBIOLOGICAL  
SCIENCES