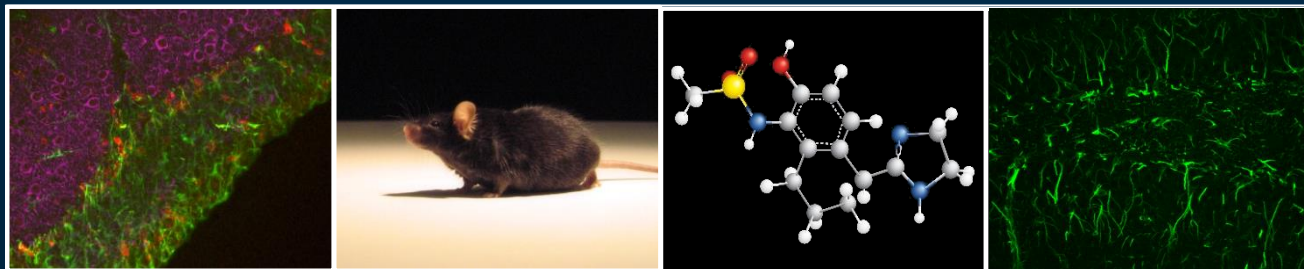




MOLECULAR BIOLOGY BOOT CAMP for High School Teachers



– SUMMER 2023 –



June 19-23, 2023

Join a high school student camp and work alongside other teacher to learn the components of 5 Bio-Rad kits:

- Use DNA fingerprinting to identify potential crime scene suspects.
- Test common foods for presence of genetically modified organisms (GMOs).
- Perform ELISA to track disease outbreaks.
- Use an enzyme found in mushrooms to explore biofuels and factors influencing reaction rates.
- Perform genetic transformation in bacteria with a gene coding for a green fluorescent protein.

Format:

- Hands-on performance of molecular biology laboratory experiments
- Brief classroom learning sessions (mini-lectures, exercises, discussion)
- Tours and speakers from healthcare disciplines

Next summer:

Hold a Molecular Biology Boot Camp at your school/region with support and supplies from UND.

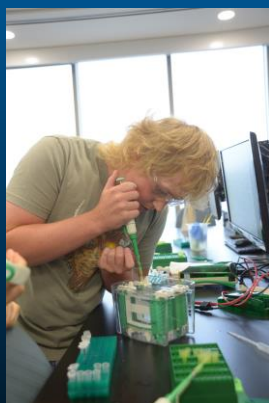
Teachers will receive a \$1200 stipend. Housing will be covered if needed.

Location: School of Medicine & Health Sciences, University of North Dakota, 1301 N. Columbia Rd., Grand Forks, ND

For more info or questions, contact:

Karen Cisek, M.S.
701-777-6377
karen.cisek@und.edu

Register: <https://tinyurl.com/molbioteacher23>



**One-week didactic and laboratory-based introduction
to molecular biology for high school teachers**