

2019 SUMMER BIOTECHNOLOGY/AP PREP WORKSHOP 2



Friday, June 21, 2019

8:30 a.m. – 5:00 p.m.

Dickinson State University

WHO SHOULD ATTEND?

- High School Science Teachers (AP and general)
- Middle School Science Teachers
- Limited to 20 participants

HOW CAN YOU ATTEND?

Click [here](#) to register.

FOR THE ATTENDEES

- No cost – participants will receive a \$200 stipend for completing the workshop
- Professional Development credits available
- Access to borrow equipment (PCR thermal cycler, electrophoresis chambers, etc..) to perform experiments in your classroom
- Learn new laboratory exercises covering topics relevant to the AP biology curriculum and adaptable to general science classes

HANDS-ON TRAINING WITH THE BIO-RAD BIOFUELS, PGLO TRANSFORMATION, AND ELISA IMMUNO EXPLORER KITS:

- Use cellobiase activity of mushroom extracts to explore biofuels
- Determine optimal conditions to increase enzymatic reaction rate
- Observe bacterial transformation
- Perform protein purification
- Use ELISA to track disease outbreak

QUESTIONS?

Contact Karen Cisek at karen.cisek@UND.edu or 701.777.6377

This workshop is supported by the ND INBRE grant, funded by the NIH National Institute of General Medicine, and hosted by Dickinson State University.

