



Exploring The World Through Research

Ochsner Education Outreach is committed to developing a well-prepared and informed workforce pipeline for health sciences and positively impacting K-12 education outcomes.



Request Programming

Complete an App



EducationOutreach@ochsner.org



Ochsner.org/EducationOutreach

Educational Topics: DNA, Genetics, Molecular Diagnostics

Students will use gel electrophoresis to test the Robinson family's DNA for the sickle cell allele and give baby Marie Robinson a definitive diagnosis.

Sickle Cell-Diagnosing Baby Marie

Educational Topics: Central Dogma, Genetic Engineering, Gene Expression

Let's explore the concept of DNA > RNA > Protein > Trait and the roles that external and internal factors play in gene regulation.

pGLO Bacterial Transformation

Educational Topics: Proteins, Undernutrition, Critical Thinking, Global Issues

Students will use an interactive engineering design approach to define a problem, create and test a prototype, and revise their solutions.

Engineering Solutions for Global Health

Educational Topics: Microbiology, Cellular Chemistry, Metabolism

Using microscopes, agar plates, and their powers of observation, students identify the bacteria used to produce yogurt.

Microbes and Health



Education Outreach

