

Youth Scholars Institute

2010 Program

TITLE: Does Your Food Contain a Genetically Modified Crop?

INSTRUCTOR: Barbara Nealon, Adjunct Lecturer of Science Education

DESCRIPTION: This program, which focuses on laboratory techniques and protocols, will explore how biotechnology is used to genetically modify crops that are used to make processed food products for human consumption. Students will learn and practice biotechnology laboratory techniques in micropipetting, DNA extraction, and polymerase chain reaction (PCR), and will explore the purpose, science, and risks/benefits of genetically modified crops. In addition, we will determine if common foodstuffs contains genetically modified corn. Determine if a common foodstuff contains genetically modified corn. The focus is on laboratory techniques and protocols.