2016 Summer Science Camp

Program Overview

The Davenport University Science Enrichment Summers camps are designed to expose students traditionally underrepresented in science to various disciplines in the Biological Sciences. These students will have the opportunity to learn basic laboratory techniques in these various biological science disciplines and will apply those skills to analyze evidence recovered from a mock crime scene. These enrichment camps will be hosted at four different campuses during the months of June and July. Each session will be five days long accommodating a maximum of 20 students.

General Camp Schedule

Morning There will be a brief overview of discipline specific topics that will be covered that day. Core concepts will be taught using interactive laboratory exercises, animations, power points that weave in case studies and current events. Elements of the mock crime scene that will be analyzed will be introduced.

Lunch Students will eat lunch while speakers come and discuss degree programs and career opportunities related to the disciplines explored during the morning session. Students will have the opportunity to ask questions.

Afternoon Students will be directed to the mock crime scene and will be instructed on how to collect evidence samples. Mock crime scene samples will be analyzed using forensic application of concepts and laboratory techniques taught during the morning session.

Daily Activity Focus

Day 1- general biology, microbiology, and entomology
Day 2- forensic anthropology and anatomy & physiology
Day 3-DNA fingerprinting, forensic DNA analysis and molecular biology
Day 4- Analyze data, solve the crime and students create presentation posters
Day 5- Students present posters
   Davenport Student Services Campus Tour and Admission Presentations
   Students complete camp survey
   Student award celebration and wrap up