A hands-on instruction of methodologies and techniques used to conduct epidemiologic population-based research. Exposure to environmental issues that present a challenge, and at the same time offer solutions to the health of the community.

Learning Objectives

· Understand public health research methods and study designs.
· Identify the steps required for conducting population research.
· Have hands-on experience in population-based research including:
  - Subject recruitment
  - Information and biological sample collection.
  - Environmental exposures and how they affect public health
  - Database establishment and data entry
  - Data analysis
  - Results explanation and manuscript writing
· Hands on experience with simulation case scenarios and other resources in the diagnosis and treatment of medical conditions.

Prerequisites

· Minimum 3.0 GPA
· Completed courses in one of the following areas:
  - Biology
  - Chemistry
  - Organic Chemistry
  - Physics
· Computer Proficient

Application Deadline: May 26, 2017

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