Clinical Genetics and Bioinformatics Summer Program

The five-day program is designed for undergraduates interested in learning more about human genomics, bioinformatics, genetic counseling, and precision medicine. CGB will expose individuals to fundamental principles of human genetics and cutting-edge applications of human genomics, and will enlighten participants about exciting career opportunities in clinical genetics and genomics. The program will include distance classroom and laboratory components.

**2021 Dates**
- Session #1 (in person).............June 28-July 2
- Session #2 (online)................. July 12-16

**What You Will Learn**
- Demonstrate an understanding of genetics and genomics core concepts and principles.
- Understand the increasing role of genetic providers with regards to interpreting genetic testing and providing risk assessment, education, and support for patients and families diagnosed with inherited conditions.
- Discuss the impact of genomics and pharmacogenomics on health care.
- Describe the various technologies used for genetic sequencing, variant interpretation, and genomic data visualization.
- Discuss how genomic data analytics can be used to provide actionable clinical recommendations for patients.

**Cost:** Free of charge
Who Should Apply
Undergraduate college students (enrolled in community college or four-year institutions); students who have completed their undergraduate degree, but have not been admitted to a graduate program; underrepresented students are strongly encouraged to apply.

How to Apply
Apply online at kgi.edu/summer

Application Deadline:
June 1

Application Requirements
An online application form is required that contains questions about your personal and educational background. Additional requirements can be submitted along with your online application:

- Personal statement
- Resume
- Letter of recommendation
- Transcripts

Application Review
The Admissions Committee is made up of faculty and senior administrators who will thoroughly and conscientiously review each application.

Contact Us
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