

THE BOSTON UNIVERSITY SUMMER INSTITUTE IN BIostatISTICS AND DATA SCIENCE: BU SIBS 2022



Attention all mathematics, statistics, and science students
seeking a summer opportunity!

June 6th – July 8th in Boston
continue working remotely on
research project through mid-August

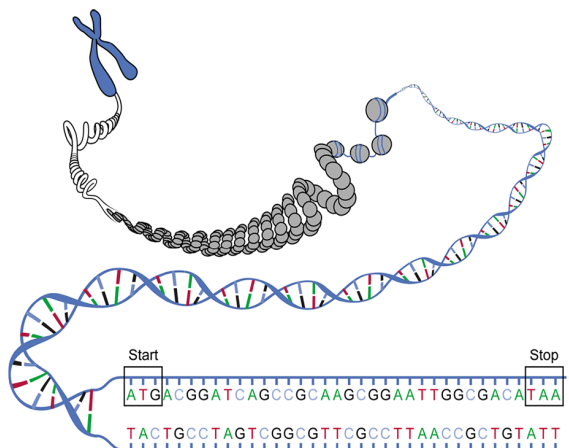
What is Biostatistics?

- The fundamental component of biomedical and public health research integrating mathematical, statistical, and biological principles.

What is SIBS?

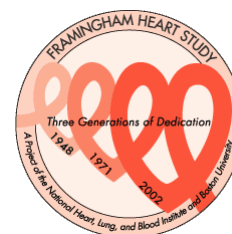
- An in residence summer program to explore how to apply quantitative methods to investigate important health issues
- The opportunity to learn from recognized experts in public health and meet practicing biostatisticians, epidemiologists, and statistical geneticists

$$\left(\frac{p}{1-p}\right) = e^{\beta_0 + \beta_1 X_1 + \beta_2 X_2}$$



Educational & Financial Benefits

- Earn 4 college credits
- Costs for tuition, housing, meals, and extracurricular activities during the in-residence portion are covered by the program
- Participants provided a research stipend during the remote portion of the program
- Hands-on training using SAS and R, two statistical computing software widely used in the field
- Program topics include: biostatistics analysis, principles of data science, epidemiology, clinical trials, infectious disease modeling, and statistical genetics
- Train with leading researchers using data from the Framingham Heart Study and Jackson Heart Study
- Learn about career opportunities and prepare for graduate study



Eligibility

- Undergraduate and beginning graduate students majoring in mathematics, science, or other quantitatively oriented areas of study
- Applicants must be American citizens or permanent residents of the United States

Applications open December 2021

Applications are reviewed on a rolling basis with preference to those received before Feb 21, 2022

For more information and to apply online visit the website at

<https://www.bu.edu/sph/sibs>



The Summer Institute for Training in Biostatistics is sponsored by the National Heart, Lung, and Blood Institute.

Learn about other SIBS programs at:

<https://www.nhlbi.nih.gov/grants-and-training/summer-institute-biostatistics>