
Emory University

The Department of Biostatistics and Bioinformatics in the Rollins School of Public Health at Emory University is committed to recruiting, training, and inspiring the next generation of quantitative scientists, often with a focus on public health and biomedical applications. Participants will explore the use of statistical analysis, programming, and simulations in applications relating to the control of vector borne disease, brain abnormalities relating to mental illness, and disease progression and treatment in infants and young children.

Oregon State University

Oregon State University is a leading public research university located in the beautiful Willamette Valley. The Department of Statistics will provide REU students with exposure to the entire data analysis process as it relates to biological informatic research. Students will analyze DNA sequence data and use statistical methods to determine how the types of bacteria that live in the gut, known as the gut microbiome, associate with health. Ultimately, this project will prepare students to capitalize on the growing professional opportunities in biological data analytics.

Winona State University

The Department of Mathematics and Statistics at Winona State University has a long-standing record of successfully training undergraduates in Data Science, Mathematics, Mathematics Education, and Statistics. The Winona State Statistics REU is a collaborative initiative between Winona State and the Minnesota Population Center. Students in this REU will work to improve the utilization of the large collection of international census data associated with the Integrated Public Use Microdata Series International (IPUMS-I) project. Research projects will be centered around the development of a new household asset-based index that will standardize information from a wide variety of data sources, and the development of data products for the summarization and visualizations of the complex IPUMS-I datasets.

The ASA REU Program is made possible from a generous grant from the National Science Foundation (Grant No. DMS-1560332).

Program Details

- 10 Week Summer 2017 Research Program
- Stipend of \$8,000

Qualifications

- U.S. Citizen or permanent resident
- Currently enrolled as a rising sophomore, junior, or senior at an accredited institution of higher education

Application Process

- Contact the listed University representative for program specific application information.
- Women, minorities, and persons with disabilities are encouraged to apply.

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Emory University Contact

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RESEARCH EXPERIENCE FOR UNDERGRADUATES
