



## **Fifth Annual Florence Nightingale Day at Ohio State Encourages Students to Pursue Statistics and Data Science**

Shili Lin on Behalf of the OSU FN Day Committee



The fifth annual Florence Nightingale Day at the Ohio State University (OSU) took place on October 29, 2022. University of Texas at Dallas (UTD) joined OSU to co-host this hybrid event.

Inspired by the trailblazing work of Florence Nightingale, 58 middle and high school students from across Ohio (some traveling 150 miles from the Northeast corner of the state!) enjoyed a day filled with fun activities and information about educational and career opportunities in statistics and data science. These students were joined virtually by 30 students from Texas, other states in the US, and Canada, all with the common goal of learning more about statistics and data science.

To start the day, the students were treated to a video recorded by the Florence Nightingale Museum in England for this event! The video included “Florence Nightingale” recounting the difficulties encountered when she tried to pursue and advance her career in a field dominated by men, and also encouraging young people, especially girls, to challenge themselves to enter data-related fields.



After watching the encouraging and inspiring video, the students were tested on their trivia skills and statistics knowledge in a competitive round of Kahoot! Then, the students heard from and interacted with a panel of professionals in academia and industry to learn about career paths in statistics and how it is used to solve real-life problems.

Following this, the students gained some hands-on exposure through a number of small group activities including Statapult Catapult and the Monty Hall problem. Having a taste of the utility of statistics from the morning activities, they learned about pursuing statistics in college and beyond from a panel of undergraduate and graduate students in statistics, biostatistics, and data science. The day wrapped up with an award ceremony recognizing the Kahoot! Winners and raffle prizes.

The event was sponsored by the Ohio State University Departments of Statistics in the College of Arts and Sciences, Department of Biomedical Informatics in the College of Medicine, Division of Biostatistics in the College of Public Health, College of Nursing, Translational Data Analytics Institute, and the OSU Newark Campus. Our sponsors also included American Statistical Association Columbus Chapter, Canadian Statistical Sciences Institute, Caucus for Women in Statistics, American Electric Power, Westat, and individual contributors.



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