

CAOE SUMMER EXPERIENCE QUANTITATIVE ANALYTICS (SEQAL)

The Center for Accelerating Operational Efficiency (CAOE), a Department of Homeland Security Center of Excellence, is now accepting applications for the CAOE Summer Experience in Quantitative Analytics (SEQAL). This STEM-based paid program combines significant data analytics training and real-world problem solving with TSA operations.

Program Details

This four-week research experience will be virtual with no travel requirements. Students will spend approximately six hours each day, Monday through Friday, with a combination of live expert-led workshops and group interactive problem solving and data processing.

- \$3,000 stipend for the program
- Work on realistic problems facing airport operations
- Students will learn new tools and methodologies including data analytics, decision analysis, simulation, and operations research; including the development of a stochastic simulation model
- Network with other students, faculty, and technology experts from around the country

The research experience will conclude with the students presenting their analysis, results and recommendations to TSA and CAOE leadership.

SEQAL Key Dates

Application Window: February 8 - March 15, 2021

Program Dates: June 1 - July 1, 2021

To Apply

Please send your resume with a cover letter stating your interest and current unofficial transcript to caoe@asu.edu.

Requirements:

- U. S. Citizenship
- At least 18 years old when the program begins
- Full-time students currently enrolled in a bachelor's degree program in engineering, computer science, math, technology, or science with a strong mathematical foundation
- Completion of the first academic (freshman) year and continuing in fall 2021 as an undergraduate student (sophomore, junior, or senior)
- Minimum GPA 3.25
- Computer available with webcam and microphone