**UNLV-ASU SUMMER RESEARCH EXPERIENCE - AIRPORT OPERATIONS**

**Posting ID:** IN19324567

**Company:** University of Nevada, Las Vegas

**Position Type:** Full-Time

**College Major(s):** Civil Engineering (CEE), Construction Management (CEM), Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE), Computer Science (CS), Entertainment Engineering (EED)

**College Level(s):** Undergraduate-Freshman, Undergraduate-Sophomore, Undergraduate-Junior, Undergraduate-Senior, Graduate Student, PhD. Student

**Company Website:**
https://caoe.asu.edu/news/summer-research-opportunity-unlv

**Work Location:** UNLV

**Salary:** $12+/hr

**OVERVIEW**

The CAOE, a DHS Center of Excellence, is looking for UNLV students interested in Homeland Security and Data Analytics for an opportunity to gain hands-on experience working on a research project to improve airport checkpoint operations. This paid educational and research experience will include both classroom lectures on data-driven systems analysis methods and field work at McCarran airport.

**Roles and Responsibilities**

The primary purpose of this Summer Undergraduate Research Program is to introduce students to opportunities in improving efficiency in Homeland Security operations. The specific focus will be on modeling the flow of arriving passengers to Security Screening CheckPoints (SSCPs) at Las Vegas International Airport. This month-long experience will introduce participating students to the key issues in providing efficient screening services while ensuring TSA security objectives are achieved. Students will engage in classroom lectures and hands-on experiential activities. Lectures will cover airport security operations, simulation modeling, and data-driven systems analysis methods. Experiential activities will include data collection, lab-based data analysis, and a hands-on project related to improving airport screening operations. Guest lectures covering related Homeland Security opportunities will be included as appropriate.
**Education and Qualifications**
Motivated UNLV undergraduate or graduate students in business administration, engineering, computer science, economics, mathematical sciences, or related areas with basic knowledge of mathematical modeling, statistics, and any programming language.

**Requirements:** US Citizens. Students need to attend all training and experiential sessions and complete a group project to qualify for payment.

**How to Apply**
Send resume to brendan.morris@unlv.edu