

**Opportunity Title:** Internships at Transportation Security Laboratory

**Opportunity Reference Code:** TSL-Summer-2020

**Organization** U.S. Department of Homeland Security (DHS)

**Reference Code** TSL-Summer-2020

**Description** The U.S. Department of Homeland Security (DHS) Transportation Security Laboratory (TSL) Visiting Scientist Program is offering summer internships for undergraduate and graduate students.

**As a TSL intern, you will:**

- Have access to unique facilities and subject matter experts in explosives detection and mitigation.
- Receive hands-on experiences that will provide you with an understanding of the mission, operations, and research of TSL.
- Enhance your academic and professional preparation to pursue a career in disciplines that support the U.S. Department of Homeland Security.

**Participant Benefits**

- Stipend: \$900/week
- Housing Allowance: \$100/week (paid with stipend), if permanent address is at least 50 miles from TSL.

**Nature of the Appointment**

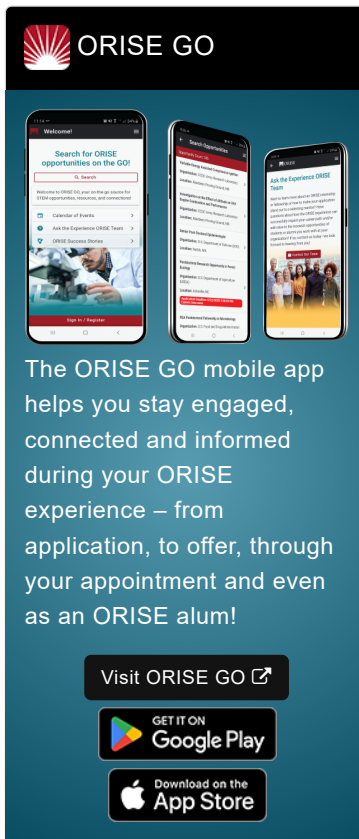
You will not enter into an employee/employer relationship with ORISE, ORAU, DHS or any other office or agency. Instead, you will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

**About TSL**

The mission of the U.S. Department of Homeland Security (DHS) Transportation Security Laboratory (TSL) is to serve as the leading federal laboratory for the applied research, development, integration, and validation of cutting edge science and technology solutions for the detection and mitigation of explosives and conventional weapons threats in order to secure the homeland. The TSL has approximately 140 full time employees split amongst federal and contract staff members, with a wide variety of backgrounds, including chemists, physicists, engineers, research physiologists, and explosive specialists.


Established in 1992 at the William J. Hughes Technical Center, Atlantic City International Airport, the TSL's 12 acre secure campus includes specialized explosive storage and handling areas and a multi-laboratory infrastructure designed for research, development, and test and evaluation of technology for explosives and weapon detection and blast mitigation. TSL's team of physicists, chemists, engineers, research psychologists and mathematicians is internationally recognized for its unique ability to advance technology from conception to deployment through applied research, development, prototyping, test and evaluation, assessment, certification, and systems qualifications, and laboratory assessment testing. TSL is also internationally recognized for its role in the development of


 **OAK RIDGE INSTITUTE**  
FOR SCIENCE AND EDUCATION




**ORISE GO**

The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!

Visit ORISE GO 

GET IT ON  
 **Google Play**

Download on the  
 **App Store**

**Opportunity Title:** Internships at Transportation Security Laboratory

**Opportunity Reference Code:** TSL-Summer-2020

standards, protocols, and test articles for detection technology assessments.

For additional information about the TSL, visit:

<https://www.dhs.gov/science-and-technology/transportation-security-laboratory>.

**Qualifications** Only students meeting the following conditions will be considered:

- Be a U.S. citizen.
- Be at least 18 years of age by 5/1/2020.
- Be enrolled as an undergraduate or graduate student at a U.S. accredited college or university during the 2020 spring term.
- Have medical insurance during their time at the laboratory.
- Be able to commit to onsite, full-time participation for ten consecutive weeks.








Applicants located in or near the Atlantic City International Airport area are encouraged to apply.

A completed application consists of:

- All required fields in both the profile and application form
- Academic Records - For this opportunity, unofficial transcripts or copies of the student academic records printed by the applicant or by academic advisors from internal institutional systems may be submitted. Academic records must include the name of the academic institution, name of the student, in progress and completed coursework as of Fall 2019, and grades through summer 2019.
- Current resume/CV
- Letter of Recommendation - recommenders are asked to describe your Scientific Capabilities and Personal Characteristics and must specify how they know you. The best recommendations are from professionals who can speak to the your abilities and potential for success.

*All documents must be in English or include an official English translation.*

If you have questions, please send an email to [DHSed@orau.org](mailto:DHSed@orau.org). Please list the reference code for this opportunity in the subject line of your email.

- |                     |   |
|---------------------|---|
| <b>Eligibility</b>  | <ul style="list-style-type: none"><li>• <b>Citizenship:</b> U.S. Citizen Only</li></ul>   |
| <b>Requirements</b> | <ul style="list-style-type: none"><li>• <b>Degree:</b> Currently pursuing an Associate's Degree, Bachelor's Degree, Master's Degree, or Doctoral Degree.</li><li>• <b>Academic Level(s):</b> Graduate Students or Undergraduate Students.</li><li>• <b>Discipline(s):</b><ul style="list-style-type: none"><li>◦ <b>Chemistry and Materials Sciences</b> (<a href="#">12</a> )</li><li>◦ <b>Communications and Graphics Design</b> (<a href="#">5</a> )</li><li>◦ <b>Computer, Information, and Data Sciences</b> (<a href="#">16</a> )</li><li>◦ <b>Earth and Geosciences</b> (<a href="#">21</a> )</li><li>◦ <b>Engineering</b> (<a href="#">27</a> )</li><li>◦ <b>Environmental and Marine Sciences</b> (<a href="#">14</a> )</li><li>◦ <b>Life Health and Medical Sciences</b> (<a href="#">45</a> )</li></ul></li></ul> |

**Opportunity Title:** Internships at Transportation Security Laboratory

**Opportunity Reference Code:** TSL-Summer-2020

- **Mathematics and Statistics** ([10](#) 👁)
- **Other Non-Science & Engineering** ([5](#) 👁)
- **Physics** ([16](#) 👁)
- **Science & Engineering-related** ([1](#) 👁)
- **Social and Behavioral Sciences** ([28](#) 👁)
- **Age:** Must be 18 years old by 5/1/2020