

**Opportunity Title:** Domestic Nuclear Detection Office Summer Internship Program

**Opportunity Reference Code:** DHS-DNDO-2018-0001



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

**Reference Code** DHS-DNDO-2018-0001

**How to Apply** A completed application consists of:

- All required fields in both the profile and application form
- Selection of up to five projects from the DNDO project catalog at <http://orau.gov/dndo/applicants/hosting-sites.html>
- Transcripts - 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. Uploaded documents must include the Fall 2017 term. must show the equivalent of at least one year of full-time postsecondary school attendance prior to Fall 2017. First-year graduate students must submit their undergraduate transcript, including the last two years of courses, degree, and date degree was awarded. Selected candidates must provide official transcripts before the appointment can start. Transcripts must include name of the academic institution, name of the student, and completed coursework.
- Minimum of two references received by February 5, 2018 (see [Key Dates](#))

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

For detailed application requirements, please visit [How to Apply](#) on the DNDO Program website.

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.

**Application Deadline** 1/29/2018 8:00:00 AM Eastern Time Zone

**Description** The U.S. Department of Homeland Security (DHS) Domestic Nuclear Detection Office (DNDO) Summer Internship Program will provide opportunities for undergraduate and graduate students to participate in projects at federal research facilities located across the country focused on helping DNDO meet its mission of “implementing domestic nuclear detection efforts for a managed and coordinated response to radiological and nuclear threats, as well as integration of federal nuclear forensics programs.”

Internships will primarily focus on projects related to Advanced Technology Demonstration programs, or are otherwise in the areas of: Materials Research and Supporting Technology, Advanced Analytics, Nuclear Forensics, Program Management, Radiation Detection, and Shielded Special Nuclear Material (SNM) Detection.

For detailed program information, please visit <http://orau.gov/dndo/>

#### Benefits

- Stipend of \$600 per week for undergraduates and \$700 per week for graduate students during the 10-week internship period
- Travel reimbursement of up to \$1,000 for participants who live more than fifty miles, one-way, from their assigned hosting site

The program will offer participants with opportunities to:

- Continue their education/training by providing hands-on research experience
- Develop professional networks with leading scientists and research facilities
- Become familiar with DNDO science programs
- Become interested in long-term technology development and career goals in areas related to the DNDO mission

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**Appointment Locations:** please visit <http://orau.gov/dndo/applicants/hosting-sites.html>

### Nature of the Appointment










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

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

- Be a U.S. citizen as of the application deadline (evidence of U.S. citizenship must be submitted to ORISE at the time appointment is accepted)
- Be at least 18 years of age by May 7, 2018
- Have a cumulative GPA of 3.30 or higher on a 4.00 scale as of Fall 2017
- Majoring in a science, technology, engineering or mathematics (STEM) field with interest in nuclear detection and radiological and nuclear threats
- Meet one of the following conditions:
  - Be currently enrolled full-time as a sophomore, junior or senior undergraduate student at a U.S. accredited 2-year or 4-year college or university
  - Be currently enrolled full-time as a graduate student at a U.S. accredited college or university

Please visit the DNDO Program website for complete [eligibility conditions](#).

### Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing an Associate's Degree, Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Overall GPA:** 3.30
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (12 )
  - **Computer, Information, and Data Sciences** (10 )
  - **Earth and Geosciences** (5 )
  - **Engineering** (27 )
  - **Environmental and Marine Sciences** (2 )
  - **Life Health and Medical Sciences** (2 )
  - **Mathematics and Statistics** (10 )
  - **Physics** (16 )
  - **Science & Engineering-related** (1 )

**Affirmation** I will be 18 years of age or older by May 7, 2018.