

Opportunity Title: Nuclear Forensics Undergraduate Summer 2020 School (NFUSS) Program

Opportunity Reference Code: ORNL-NTNFC-NFUSS-Summer2020



Organization National Technical Nuclear Forensics Center (NTNFC)

Reference Code ORNL-NTNFC-NFUSS-Summer2020

How to Apply **PROGRAM CANCELLED FOR SUMMER 2020 DUE TO COVID-19**

Include in Profile

- Name, address, and contact information
- Education, awards, and certification information
- Employment/internship information
- Contact information for your reference
- PDF of your resume/curriculum vita

Include in Application

- Letter of interest that includes:
 - Information on why you are interested in this program
 - Description of how you would benefit from this opportunity
 - Information on your career goals as they relate to the NFUSS opportunity
 - Any knowledge/skills/abilities that reviewers should be aware of when considering your application
- Copy of your most recent college/university transcript, including your spring 2020 class schedule (**unofficial is acceptable**). Redact your Social Security number and birth date if applicable.
 - If selected, an official transcript or additional information may be requested
- Your reference selection

Once you submit your application, the reference you listed will receive instructions on how to submit on your behalf. It is your responsibility to communicate with your reference to determine if they received instructions on how to submit the online recommendation. Ask them to check their spam folders and be sure to verify that you provided the correct email address. **The reference must be submitted by March 27 at 11:59 pm ET. Please note that your application must be submitted by the extended application deadline of March 20 at 11:59 pm ET.**

Application Deadline 3/20/2020 6:35:00 PM Eastern Time Zone

Description **Due to health and safety concerns over the COVID-19 pandemic and to minimize the risk to students, the Nuclear Forensics Undergraduate Summer 2020 School (NFUSS) Program is suspending all new selections/appointments, effective immediately. This means that the program is cancelled for 2020.**

We apologize for any inconvenience this decision may cause. If you have any questions, please contact us at ORNLedu@ornl.org.

NFUSS is a six-week course, sponsored by the [Department of Homeland Security](#) (DHS), designed to provide undergraduate students with comprehensive, experimental, hands-on training in topics essential to nuclear forensics. This program will be held June 15 to July 24, 2020, at the University of Texas - Austin campus in Austin, Texas. Through laboratory experiments and complementary lectures, students are introduced to the practice and technical aspects of nuclear forensic science. The program will also include a field trip to [Oak Ridge National Laboratory](#) (ORNL) the week of July 13.

Nuclear forensics involves examining materials recovered from radiological and nuclear events of an illicit or hostile nature in order to determine their character and origin. Nuclear forensics conclusions, combined with

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information from law enforcement investigation and intelligence, help identify those responsible for planned and actual attacks.

Nuclear forensics supports the U.S. Government commitment to identify and hold fully accountable any state or non-state actor that willfully supports, enables, or engages in hostile weapons of mass destruction activities that threaten the United States or our allies and partners.

Student Stipend

The program will cover your tuition, fees, housing, meals, and travel reimbursement for the program at the University of Texas-Austin and for the field trip to ORNL. You will receive a \$5,000 stipend that will be paid by the university to you directly as part of your appointment in the NFUSS program.

Field Trip

The 2020 NFUSS will include a field trip to [Oak Ridge National Laboratory](#) to provide participants a firsthand view of an operational environment during the week of July 13, 2020.

Important Dates

Below are the important dates for the 2020 program.

- **APPLICATION AND PROGRAM CANCELLED FOR SUMMER 2020**
- **Application deadline:** March 20, 2020 at 11:59 pm ET ****EXTENDED****
- **Reference received deadline:** March 27, 2020 at 11:59 pm ET
- **Candidates notified of selection:** March 30-April 17, 2020
- **Program dates:** June 15 to July 24, 2020
- **Field trip to Oak Ridge National Laboratory:** Planned for week of July 13, 2020









If you have any questions, visit <https://orise.ornl.gov/nfuss/> or contact NFUSS@ornl.gov.

Qualifications

Candidates must:

- Be currently enrolled full time as a degree-seeking student in a science, mathematics, or engineering program at an accredited four-year U.S. college or university
- Have completed at least **two years of college-level coursework** prior to the start of the NFUSS appointment
- Have a minimum overall cumulative GPA of at least 3.0/4.0 as stated on most recent transcript
- Be at least 18 years of age at time of application
- Be a U.S. citizen
- Provide proof of health insurance coverage
- Be available to participate in the full six-week program

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Bachelor's Degree.
- **Overall GPA:** 3.00
- **Discipline(s):**
 - **Earth and Geosciences** (9 )
 - **Engineering** (16 )
 - **Environmental and Marine Sciences** (2 )
 - **Life Health and Medical Sciences** (2 )
 - **Mathematics and Statistics** (4 )
 - **Other Physical Sciences** (7 )
 - **Other S&E-Related** (1 )
 - **Physics** (16 )

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- **Age:** Must be 18 years old by 3/6/2020

Affirmation I certify that I am currently enrolled full time as a degree-seeking student in a science, mathematics, or engineering program at an accredited four-year U.S. college or university; I have completed at least two years of college-level coursework prior to the start of the NFUSS appointment; I have a minimum overall cumulative GPA of at least 3.0 as stated on my most recent transcript; I am at least 18 years of age at time of application; I am a U.S. citizen; I can provide proof of health insurance coverage; and I am available to participate in the full six-week program.