**Radiation Detection for Nuclear Security Summer School**

**June 21–July 1, 2022**

**Objective**

Students in the Radiation Detection for Nuclear Security Summer School will participate in a two-week course that combines lectures, hands-on instruction, real-world technology demonstrations, and tours of facilities with relevance to nuclear security. The summer school will emphasize mission needs for radiation detection in nuclear security with demonstrations of currently fielded technologies and discussions of the real-world challenges that are not normally considered in an academic setting. The summer school will prepare students interested in working for national laboratories or the U.S. government with an understanding of the current challenges for applied technology.

*We intend to provide an in-person experience at our Richland, Washington, campus; however, this is subject to change as we continue to assess and adjust our response to the COVID-19 pandemic according to state and federal guidance.*

**Eligibility**

* The targeted student population consists of those strongly considering future employment at national laboratories or the U.S. government in a national security position which will likely require security clearance eligibility
* Students should be security clearance eligible (e.g., U.S. citizens)
* Students must be enrolled in graduate degree program in a field relevant to radiation detection, including nuclear engineering, nuclear physics, nuclear chemistry, or high-energy physics
* Priority will be given to those students closest to graduation and those with research supported by the NNSA’s Office of Defense Nuclear Nonproliferation Research & Development

**Application Procedure**

* Complete this application
* Send a resume or CV
* Provide contact information for your research advisor or other individual who can speak to your research experience
* Submit all application materials to: benjamin.mcdonald@pnnl.gov
* You should receive confirmation of receipt of your application within two days of submitting your materials

**Application Deadline: ~~March 18, 2022~~ EXTENDED to April 1, 2022**

**Pre-Requisites**

All students accepted into the summer school must complete and submit the following before arrival:

* PNNL online orientation and training

Information and forms concerning orientation, training, and temporary dosimetry will be provided upon acceptance into the summer school.

**Costs and Fees**

There is no charge for the Radiation Detection for Nuclear Security Summer School.

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**Personal Information:**

Name: Last, First MI:

Graduate School Years Completed: # Expected graduate date: Year

Home College/University: University Name and Location

Email address: E-mail address

Faculty Advisor and E-mail Address: First Last/e-mail address

Undergraduate College/University: University Name and Location

Major: Major

Permanent Address: Address, City, State, Zip

Telephone Number: (###) ###-####

Local School Address (leave blank if same as permanent address):

Address, City, State, Zip

Dates current address is valid: Month Year to Month Year

**Additional Information:**

In 300 words or less, briefly describe any research in which you are currently participating, or, what area of research you wish to pursue.