System Assessment and Validation for Emergency Responders (SAVER)

The National Urban Security Technology Laboratory (NUSTL) is a federal laboratory organized within the U.S. Department of Homeland Security (DHS) Science and Technology Directorate. NUSTL is seeking to host one or more NSF student scientists with backgrounds in engineering, physical sciences, or related disciplines. The Laboratory tests and evaluates technology to provide products and services that help first responders prepare for, protect against, and respond to homeland security threats.

- **Project Duration:** 2 – 12 months
- **Start Date:** Summer and/or Fall 2018
- **Location:** 201 Varick Street, Suite 900, New York, New York 10014

Project Overview

The System Assessment and Validation for Emergency Responders (SAVER) program provides federal, state, local, and tribal emergency responders with information they need to make knowledgeable decisions about acquiring, using, and maintaining their equipment. Over 1,000 SAVER knowledge products have been prepared since the program's inception in 2004. SAVER is where emergency responders go for information about the technology and equipment they use and need to improve their safety and effectiveness. This project may include, but is not limited to, the following tasks:

- Obtain information about the market for an existing product or technology through internet searches, reviews of industry publications, requests of product information through a Request for Information published in Federal Business Opportunities, interviews with subject matter experts, and surveys of responders.
- Work with NUSTL staff to plan and execute a first responder focus group and/or a comparative assessment of a type of first responder equipment.
- Analyze the results of market survey research, responder focus groups, or testing of first responder equipment.
- Write a market survey, focus group, and/or assessment report for first responders.

Qualifications

Excellent writing skills.

Eligibility Requirements

- Citizenship: U.S. Citizen Only
- Degree: Currently pursuing a Master's degree or PhD.
- Discipline(s): Engineering (All), Other Physical Sciences (All), Computer Sciences (All), or related disciplines

Contact Information

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For more information please visit NUSTL's web site