

Program Analysis and Evaluation

The U.S. Department of Homeland Security (DHS), Program Analysis and Evaluation (PA&E) is seeking to host one or more National Science Foundation (NSF) student scientists with strong technical backgrounds in engineering, mathematics, computer or physical science to collaborate with resource analysts.

- **Project Duration:** 2-12 months
- **Start Date:** Summer or Fall 2018
- **Location:** Washington, D.C.

Project Overview

PA&E conducts independent analysis and provides objective, fact-based advice to the Chief Financial Officer, Deputy Secretary, and Secretary at DHS. In this capacity, PA&E can be very influential in the DHS policy and program decision-making process. This project may include, but is not limited to, the following tasks:

- Apply mathematical, statistical, econometric, and other scientific methods to develop and evaluate programmatic alternatives that achieve DHS strategic objectives.
- Frame significant choices and tradeoffs to support executive decisions and ensuring those decisions are informed by substantive analysis and accurate data.
- Consult with senior DHS component and headquarters subject matter experts to inform program analysis and evaluation of significant issues of interest to senior DHS leadership.

Qualifications

The ideal candidate will have a strong technical background in engineering, mathematics, or science, along with the ability to analyze data and develop mathematical models, with at least an overall 3.5 GPA.

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Master's or Doctoral degree
- **Discipline(s):** Engineering, Mathematics, Computer or Physical Science

Contact

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