

NDSEG

National Defense Science & Engineering Graduate Fellowship Program



Application Dates: Aug – Nov

The NDSEG program serves as a cadre of future S&Es who will have collaborative efforts with DoD and other entities conducting research for our nation's defense.

For more information:
<https://ndseg.sysplus.com/>

Program Description:

The National Defense Science and Engineering Graduate (NDSEG) Fellowship Program is a Department of Defense sponsored fellowship program designed to increase the number of US citizens receiving doctorates in research discipline areas of DoD relevance at US institutions. The NDSEG program serves as pipeline for workforce development of future S&Es conducting research of military importance whether in Academia, Government, or Private Industry.

Current NDSEG Research Disciplines:

- Aeronautical and Astronautical Engineering
- Artificial Intelligence and Machine Learning
- Astrodynamics
- Biomedical Engineering
- Biosciences
- Biotechnology
- Chemical Engineering
- Chemistry
- Civil Engineering
- Cognitive, Neural, and Behavioral Sciences
- Computer and Computational Sciences
- Cyber Sciences (Includes "hard" networks, cybersecurity, disinformation)
- Electrical Engineering
- Geosciences
- Materials Science and Engineering
- Mathematics

- Mechanical Engineering
- Naval Architecture and Ocean Engineering
- Oceanography
- Physics (include Optics)
- Political, Economic, and Sociocultural Sciences
- Quantum Science
- Space Physics

Eligibility:

The NDSEG Fellowship Program is open only to applicants who are citizens or nationals of the United States. Persons who hold permanent resident status are not eligible to apply. NDSEG Fellowships are intended for students at or near the beginning of their graduate study in science or engineering. Applications are encouraged from women, persons with disabilities, and members of ethnic and racial minority groups historically underrepresented in science and engineering fields, including African American, American Indian and Alaska Native, Native Hawaiian and Pacific Islander, and Hispanic persons.

Tenure:

The duration of an NDSEG Fellowship is thirty-six months cumulative starting in the fall. NDSEG Fellows may choose as their fellowship institution any accredited U.S. institution of higher education offering doctoral degrees in science or engineering. The availability of funds for the second and third years of each three-year award is contingent upon satisfactory academic progress.

Tuition, Stipends and Allowances:

NDSEG funds full tuition and required fees (not to include room and board). NDSEG stipends include \$43,200 fellow stipend and up to \$1,600 health insurance coverage annually, and \$5,000 travel tenure budget. The stipends will be prorated monthly based on a twelve-month academic year. If the fellow is not enrolled in an institutionally approved academic study and/or research during the summer months, financial support will not be provided. There are no dependency allowances. Persons with disabilities will be considered for additional allowances to offset special educational expenses.

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