



University of the District of Columbia Department of Homeland Security Scientific Leadership Award Academic Year 2010-2011

The UDC Department of Homeland Security (DHS) Scientific Leadership Award is intended for undergraduate students majoring in homeland security related science, technology, engineering and mathematics (HS-STEM) disciplines who are interested in pursuing the basic science and technology innovations that can be applied to the DHS Mission.

Application Deadlines: August 6, 2010

Stipend: \$900 per month

***The award also includes full tuition and fees plus a 10-week summer internship doing research in a DHS-related area.**

1. Eligibility:

- a. Be a U.S. citizen.
- b. Have a grade point average (GPA) of 3.30 or higher on a 4.0 scale
- c. Must be pursuing a Bachelor's degree in a Homeland Security - STEM (Science, Technology, Engineering, and Mathematics) field.
 - Social Sciences
 - Behavioral Sciences
 - Biological Sciences
 - Physical Sciences, including physics, chemistry, and materials science
 - Mathematical Sciences
 - Computer and Information Sciences
 - Geosciences
 - Engineering
 - Technology areas associated with the preceding fields (for example, biotechnology, chemical technology, engineering technology, information technology, etc.)

2. Scholarship Obligations:

- a. Pursue and make adequate yearly progress towards a degree in a science, technology, engineering and/or mathematics (STEM) area of study.
- b. Maintain a full-time enrollment status at the University System of the District of Columbia.
- c. Maintain a grade point average (GPA) greater than or equal to a 3.30.
- d. Participate in social, educational, professional and mentoring activities related to the UDC Department of Homeland Security Scientific Leadership Award. These activities may include both on-campus and off-campus locations.

- e. Successfully complete a yearly research project and/or presentation relating to a STEM topic. This work product will not influence your academic record, but is meant to assist you in making connections between coursework and applications of knowledge. They may additionally be presented to other agencies and made public through educational publications, presentations, and through online media.
- f. Complete a 10 week continuous research internship which is required for this award during the summer following the first year of support.
- g. Students must complete a one-year, full-time professional employment at a DHS approved scientific or engineering venue after graduation from the University System of the District of Columbia; venue include centers of excellence, federal research facilities, foreign partners, foreign research institutions, and industry.
(This requirement will be waived for any student who attends graduate school in a recognized HS-STEM area immediately after receiving their bachelor's degree or deferred for anyone entering active duty in the armed forces, United States Coast Guard, or U.S. Public Health Service).
- h. Students receiving this award agree to share personal information with the University System of the District of Columbia that would allow the institution to track their progress toward a career in HS-STEM research and development: specifically their graduation with a bachelor's degree and their enrollment in, and graduation from, a HS-STEM related graduate degree, or their initial employment.
- i. Students are expected to be able to qualify for and maintain a security clearance. Students will be required to answer the following questions:
- Have you ever been charged with or convicted of a felony offense?
 - Have you ever been charged with or convicted of firearms or explosives offense?
 - Are there currently any charges pending against you for a criminal offense?
 - Have you ever been charged with or convicted of any offense(s) related to alcohol or drugs?
- j. Students must enroll in a Homeland Security Science and Technology (HSST) concentration in conjunction with their major course of study.\

3. Application process includes:

- a. Submission of application (electronically)
- b. If selected, interview with Committee
- c. Awardees notified

This opportunity is open to all students currently enrolled in the University System of the District of Columbia for the fall of 2010 semester.

ALL APPLICATIONS MUST BE SUBMITTED BY AUGUST 6, 2010 for FULLEST CONSIDERATION.

Only complete applications will be reviewed. Applications can be requested by emailing homelandsecurity@udc.edu with a subject line of SLA-Application. Applications should be electronically submitted to Ms. Charnita Wilson at homelandsecurity@udc.edu.

University of the District of Columbia
Department of Homeland Security
Scientific Leadership Award
 Academic Year 2010-2011



Please e-mail this form directly to: Charnita Wilson at homelandsecurity@udc.edu .

Part 1. Personal Data

Student I.D. #			
Last Name	First Name	Middle Initial	Telephone
Permanent Address: Number & Street		City	State Zip
E-mail Address		Date of Birth (mm/dd/yyyy)	
If born in the U.S. (City, State, County)		If born outside the U.S. (City, Country)	
Citizenship: [If you are not a U.S. citizen do not apply. Proof of citizenship will be required if selected.] U.S. Citizen: <input type="checkbox"/> Yes <input type="checkbox"/> No			

Part 2. Education and Work Experience

Are you currently enrolled at the University System of the District of Columbia Flagship University? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Current Student Status (as of the start of Fall Semester 2010) College: <input type="checkbox"/> Freshman <input type="checkbox"/> Sophomore <input type="checkbox"/> Junior	What is your current enrollment status? (applicants must be enrolled as full time students) <input type="checkbox"/> Full-time <input type="checkbox"/> Part-time
Current GPA (Cumulative GPA must be 3.30 or higher on a 4.0 scale)	
List academic awards, honors, and activities	

Please answer the following questions in regards to the scholarship offer:

- Do you understand that as part of the eligibility for this award you may be required to maintain a GPA equal to or greater than a 3.30 and be seeking a degree in a STEM major? Yes No
- What is your major, in the homeland security science, technology, engineering, or mathematics (HS-STEM) fields
- Are you willing to complete projects, internships and presentations connected with the UDC Department of Homeland Security Scientific Award and your experiences at the University System of the District of Columbia? Yes No
- Are you willing complete a one-year, full-time professional employment at a DHS approved scientific or engineering venue after graduation from the University System of the District of Columbia; venue include centers of excellence, federal research facilities, foreign partners, foreign research institutions, and industry as a condition of this award?
 Yes No

Part 3. Statement of Interest/Research Experience

Describe how this scholarship experience will influence your current research interest. Be specific about the type of research you would like to conduct, now and in the future. Essays should include original thought and not exceed 500 words.