

2017 Purdue University
Homeland Security – Science Technology Engineering and Math (HS-STEM)
Career Development Program
Graduate Fellowship Application

Last Name: _____ **First Name:** _____ **MI:** _____
Address: _____
City: _____ **State:** _____ **Zip:** _____
Phone: _____ **Fax:** _____ **Email:** _____
Name of graduate program: _____
Date graduate program began: _____ **(month/day/year)**
Date of anticipated completion of graduate program: _____ **(month/day/year)**
Dollar amount of award requested: \$ _____ **(\$** _____ **x** _____ **semesters)**

DHS Graduate Awards will be provided to full-time graduate students with a research focus in the visualization and data sciences and HS-STEM fields. These awards will apply to students who would like to pursue advanced degrees in computer graphics, computer science, visualization, visual analytics, human computer interaction, image and video processing, machine learning, advanced databases, knowledge management, data analytics, cybersecurity, cognitive psychology, forensics, decision sciences, information and knowledge management, massive and real-time data management, mobile computing, interoperability, statistics and math. Successful applicants will be expected to work under the close supervision of a VACCINE faculty member to advance the research agenda as it aligns to VACCINE’s work in visual analytics and homeland security mission areas.

HS-STEM Career Development funding through forgivable loans will not exceed \$2,300 per month for twelve months, for up to three years. Awards will be provided to select graduate students in the form of two disbursements not exceeding \$13,800, up to the total of \$27,600 per year, for a maximum of three years. The cumulative maximum total for an individual graduate student could be up to, but will not exceed \$82,800. Requests for award amounts should be based on anticipated graduation date and other funding already received by the applicant.

Awards are also open to senior undergraduates applying to graduate school. Awards are contingent upon acceptance into an appropriate graduate program at Purdue University.

There may also be partial graduate Research Associate (RA) funding available to recipients based on program of study and availability of funding.

Application Process:

1. Submit this completed application form and a statement of 500 words or less stating why you should be considered for this program. Include a statement regarding your current interest/work in visual analytics and homeland security, and your career aspirations.
2. Submit a current transcript confirming a cumulative GPA of 3.30 or higher on a 4.00 scale.

3. Submit two signed and sealed letters of reference to be sent separately to:
VACCINE, Room 226 AA Potter Engineering Center, 500 Central Drive, W. Lafayette, IN 47907.
4. Submit a current resume.
5. Read and sign the “Homeland Security-STEM Career Development Program 2014 Forgivable Loan Form” (attached).
6. Sign the “I hereby affirm” statement (below).
7. **Submit completed application and all supplementary materials by:**
 - **January 2017 Admission:** Tuesday, January 3, 2017

I hereby affirm that:

- I am a U.S. citizen.
- I am a full-time student.
- I have and agree to maintain a cumulative GPA of 3.30 or higher on a 4.00 scale.
- I have and agree to maintain a 3.0 minimum GPA on a 4.0 scale for any given semester.
- I will attend the annual DHS Career Development Conference in Washington, DC. Travel expenses will be covered by the HS-STEM Career Development Program.
- I will make and honor a commitment to provide one year of service (one continuous year, two semesters and a summer, or four consecutive summers) at a DHS-approved STEM facility during or immediately following the term of the award.
- I have read and understand the “Homeland Security-STEM Career Development Program Forgivable Loan Form” (attached).
- I understand that if I fail to meet the minimum standards to continue in the program, cease enrollment in the program for other reasons, or fail to complete the one year service requirement, I am obligated to repay the entire value of the scholarship provided to me; no partial service credit provision is available.
- I understand that if I am found guilty of or admit to scientific, academic, or criminal misconduct that I will be immediately dismissed from the program, and I will be required to repay the forgivable loan if not cleared of misconduct.
- I understand that if I must repay the scholarship that interest will begin to accrue at 5% per annum after a 6-month grace period (1) beginning immediately after I cease enrollment in the program for any reason, or (2) beginning one year after I complete my HS-STEM program at Purdue University.

Signature: _____ Date: _____

Please send all materials to: (application and letters can be emailed)

Jennifer Christopher

Program Outreach Specialist

VACCINE, Visual Analytics for Command, Control and Interoperability Environments

ATTN: HS-STEM Career Development Program

500 Central Drive, Room 226—Potter Engineering Center

West Lafayette, IN 47907

Phone: 765-494-7344 - Email: christ81@purdue.edu - Web: <http://www.purdue.edu/discoverypark/vaccine/>

**Purdue University Homeland Security-STEM Career Development Program
2017 Forgivable Loan Form**

The HS-STEM Career Development Program supports graduate students with the skills and understanding necessary for successful careers as future preeminent scientists in the visualization and analytical sciences/homeland security scientific and technical community in the form of a forgivable loan.

A. GRADUATE STUDENT OBLIGATIONS

The award you have been given stipulates that you are a U.S. citizen; currently have and will maintain a cumulative GPA of 3.30 or higher on a 4.00 scale, and a 3.0 GPA on a 4.0 scale for any given semester; attend the annual DHS Scholars and Fellows Orientation Meeting in Washington, DC, at the expense of the HS-STEM program; and make and honor a commitment to provide one year of service (one continuous year, two semesters and one summer, or four consecutive summers) at a DHS-approved STEM facility during or immediately following the term of the award.

B. FORGIVABLE LOAN PROVISIONS

Each award is initially established as a “forgivable loan.” The loan will be forgiven at a rate of 100% after the requirements stipulated above have been satisfied as determined by the Program Director and Manager and the Purdue University Collections Office. The loan balance will be forgiven in the case of death or total disability.

C. REPAYMENT PROVISIONS IN THE EVENT OF FAILURE TO MEET STIPULATED REQUIREMENTS

Individuals who fail to meet the minimum standards to continue in the program, cease enrollment in the program for other reasons, or fail to complete the one-year service requirement are obligated to repay the entire value of the award provided to them; no partial service credit provision is available. Any student accused of or admitting to the scientific, academic, or criminal misconduct will be immediately dismissed from the program. The student will be required to repay the forgivable loan if not cleared of misconduct.

Interest will begin to accrue at 5% per annum after a 6-month grace period (1) beginning immediately after the Borrower ceased enrollment in the program for any reason, or (2) beginning one year after the Borrower completed his/her HS-STEM program at Purdue University. Periodic audits will be conducted using student files to monitor program enrollment and student status. Individuals falling under the repayment provisions should contact the University Collections Office (UCO) to arrange a payment schedule; equal monthly payments are generally established for student loans. Repayment is expected within ten years. Interest charges are computed to the nearest first of the month from the date payment is received. Billing notices are mailed about one week prior to the first of each month. Remittance is made payable to Purdue University. Payment is due by the tenth of each month.

D. OBLIGATIONS

I understand that I will report any of the following changes to the HS-STEM Program Manager and to University Collections:

- 1) I drop out of, or I am dismissed from, the HS-STEM Career Development Program for any reason.
- 2) I fail to provide one year of service at a DHS-approved STEM facility during or immediately following the term of the scholarship.
- 3) My address or name changes.
- 4) My status as a US citizen changes.

E. RIGHTS

You may prepay all or any part of the principal plus interest at any time.

THE MAKER ACKNOWLEDGES RECEIPT OF AN EXACT COPY OF THIS Forgivable Loan Form:

Date

Signature of the Maker

Any questions regarding program administration, eligibility, or cancellation should be directed to:

Jennifer Christopher
 Program Outreach Specialist, VACCINE
 226 Potter Engineering Center
 765-494-7344
christ81@purdue.edu
<http://www.purdue.edu/discoverypark/vaccine/>

Any questions regarding disbursement and billing should be directed to:

University Collections Office
 Schleman Hall of Student Services, Room 350
 475 Stadium Mall Drive
 W. Lafayette, IN 47907-1081
 765-494-5350