**Contact Information and Basic Qualifications**

1. Name
2. E-mail Address
3. School
4. Current Major*
5. Major’s Relevance to NPHS-STEM**
6. Number of credits earned toward degree (minimum 30 credits required)
7. Overall GPA

*Question 4: Current Major*

List only those majors that appear as currently declared on your academic advising transcript. If you have more than one major, list all of them, beginning with the major(s) with NPHS-STEM relevance (see instructions for question 5 below).

**Question 5: Major’s Relevance to NPHS-STEM**

Some majors at the University of Pittsburgh are considered relevant to the homeland security, emergency preparedness, or STEM fields, while others are not. To find out if your major is considered relevant, please visit cgs.pitt.edu/node/503. Students whose majors appear on the “relevant” list on the Web site are eligible to apply for this scholarship with no further explanation required. Students whose majors appear on the “not relevant list” are not eligible for the scholarship. All other students may apply, but must provide a one to two sentence explanation of their major’s relevance to the field.

**Prior Science, Technology, Engineering, and Mathematics (STEM) Courses**

8. List prior STEM courses and grades, if any (attach additional sheet if necessary).

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>COURSE NAME</th>
<th>GRADE</th>
<th>CREDITS</th>
<th>AT PITT?</th>
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**Prior National Preparedness and Homeland Security (NPHS)-related Courses**

9. List prior NPHS-related courses and grades, if any (attach additional sheet if necessary).

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<tr>
<th>NUMBER</th>
<th>COURSE NAME</th>
<th>GRADE</th>
<th>CREDITS</th>
<th>AT PITT?</th>
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Research and Internship Interests
10. Describe your research and/or internship interests related to national preparedness and homeland security. Please limit your response to 200 words.

Potential Mentors
11. Please identify up to three Pitt faculty members with whom you might be interested in working. If you have already spoken with, worked with, or taken a class from any of these faculty members, please explain.

Do not leave this blank, even if you have not worked with a given faculty member. We cannot guarantee any assignment, but we will use this information to better understand your interests.
Agreement and Certification

By submitting this application, I understand that acceptance of this scholarship will require me to:

• Maintain a minimum 3.3 overall GPA and a minimum 3.3 GPA in a major with NPHS-STEM relevance.
• Enroll as a full-time student (at least 12 credits) for each term of the scholarship.
• Enroll in the undergraduate Certificate in National Preparedness and Homeland Security program. (Students must have 60 credits before taking NPHS classes. Full-time students typically declare the Certificate in NPHS in the spring of their sophomore year in order to register for NPHS classes the following fall.)
• Take (or have taken) the following courses: (36 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>NPHS 1510</td>
<td>Federal and International Framework for Emergency Preparedness</td>
</tr>
<tr>
<td>NPHS 1520</td>
<td>State and Local Framework for Emergency Preparedness</td>
</tr>
<tr>
<td>NPHS 1530</td>
<td>Analysis, Intelligence, and Decision Tools for Emergency Preparedness</td>
</tr>
<tr>
<td>NPHS 1540</td>
<td>Capstone: Emergency Preparedness</td>
</tr>
<tr>
<td>MATH 0220</td>
<td>Analytic Geometry and Calculus 1 (Must earn a C or better)</td>
</tr>
<tr>
<td>MATH 0230</td>
<td>Analytic Geometry and Calculus 2 (Must earn a C or better)</td>
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<tr>
<td>ENGR 0015</td>
<td>Introduction to Engineering Analysis (or ENGR 0011)</td>
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<tr>
<td>ENGR 0016</td>
<td>Introduction to Engineering Computing (or ENGR 0012)</td>
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<tr>
<td>ENGR 0020</td>
<td>Engineering Statistics 1 (or STAT 1000)</td>
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<tr>
<td>ENGR 0022</td>
<td>Engineering Materials Structures and Properties</td>
</tr>
<tr>
<td>IE 1040</td>
<td>Engineering Economic Analysis (or other preapproved substitute)</td>
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<tr>
<td>PHYS 0174</td>
<td>Basic Physics for Science and Engineering (This course is a corequisite or prerequisite for ENGR 0015, ENGR 0016, and ENGR 0022.)</td>
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</tbody>
</table>

• Participate in a research assistantship, an internship, or independent study activities (including the BPhil thesis in the University Honors College) related to homeland security. These activities, conducted with a faculty mentor, will be equivalent to five hours of work per week. Final pairings of students with mentors will be by mutual agreement, with concurrence of the Center for National Preparedness. The student will be expected to reach an agreement to work with a faculty mentor within the first month of entry into the program. NPHS-STEM scholarship faculty will meet on a monthly basis with each scholarship recipient individually to facilitate progress in the program and mentorship arrangements.
• Complete a 10-week summer research internship in a laboratory or facility working in the field of homeland security.
• Attend the annual HS-STEM Career Development Meeting in Washington, D.C., during the first year of the award. (Dates will be announced; the meeting is typically held in the summer.)
• Work in a DHS-approved HS-STEM venue for one year following graduation. (For ideas about federal-level jobs, visit www.dhs.gov/careers and www.fema.gov/careers.)

I further understand that in order to receive the second and third years (third and fourth terms and fifth and sixth terms) of support, I will need to maintain the scholarship criteria (GPA, course load, and degree program) and remain enrolled in the undergraduate Certificate in NPHS program. The committee will review the progress of scholarship students annually to recommend continued support.

Name (printed)
Signature
Date

Please submit this application to:

University of Pittsburgh
College of General Studies
NPHS-STEM Undergraduate Scholarship
Blaine P. Connor, PhD, Director of Academic Programs
Fourth Floor, Cathedral of Learning
4200 Fifth Avenue
Pittsburgh, PA  15260
blcst26@pitt.edu

The deadline for receipt of the application is 4:30 p.m. on Sunday, June 1, 2014.

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