



Bridges Among High Schools and Engineering Colleges Essay Competition

The future of our nation depends upon having a good supply of engineers and engineering researchers. Technological innovations generate a vast array of benefits, including improved products and services, a higher standard of living, and economic and military security. Technological creativity allows American companies to compete effectively and efficiently in the global marketplace. But the United States is currently unable to produce the numbers of scientists and engineers that are needed. To fill jobs requiring technical expertise, American companies have had to rely more and more on foreign-born workers. At the same time, U.S. students continue to fall further and further behind in science and mathematics in comparison with students in other countries.

Write an essay of 1,400 words or less, on the following topic:

How can engineering colleges partner with high schools to give students a better understanding of engineering and engineering research?

Awards

All entries will be eligible for the following awards:

- First Place: \$500 (school receives additional \$250)
- Second Place: \$250 (school receives additional \$125)
- Third Place: \$100 (school receives an additional \$50)

The winners will be notified on March 14, 2008

Submission Deadline

All completed entries (application form & essay) must be sent to:

Shena Crittendon
Division of Research and Economic Development
NC A&T State University
1601 East market Street
Greensboro, NC 27411

All entries must be **received** by the conference committee no later than Friday, February 15, 2008.

Questions about this Essay?

Please email ber2020@ncat.edu

Eligibility

- Must be a citizen of the United States
- Must be a registered high school or community college student for the spring semester 2008

Parents and Educators: How you can help

We request the assistance of parents, educators, and concerned supporters by doing the following:

- Reaching out to students in your community (Grades 8 -14, including community college) and letting them know about this competition.
- Encouraging students to go the workshop website and download essay application.

<http://www.eng.ncat.edu/event/NSF2008/nsf2008.htm>

Submission Rules

- All entries must include the application form and essay with a minimum of 1000 words and a maximum of 1400 words.
- All essays must be written in English and must be typed (double-spaced). Handwritten essays will not be considered.
- All essays must be typed in either Times New Roman or Arial Font, with 11 or 12 pt. font size.
- Please type your full name on the top of the first page of your essay and in each page's footer.
- All entries become the property of the "Bridges to Engineering Research – 2020" workshop, and we reserve the right to publish them in their entirety or in part electronically or through the print medium.
- All essays will be judged by a panel of distinguished judges. Their decision will be final and will not be subject to appeal.



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APPLICATION FORM

Complete all pages and questions accurately and fully. Please type or legibly print in black ink.

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ E-mail: _____ Birth Date: _____

Sex: _____

How did you hear about this essay competition? (Please be as specific as possible)

EDUCATION

What school are you currently attending? _____

What is your grade/classification? _____

School (high school or community college): _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Name of the Principal: _____

CERTIFICATION

I certify that the above provided information is true and accurate to the best of my knowledge. Additionally, I have read the eligibility requirements and condition for the Bridges to Engineering Research Essay Competition, and agree to abide by them. I understand that the decision reached by the panel of judges is final.

Applicant Signature

Date

All qualified applicants will be considered without regard to race, sex, religious affiliation, or disability. Decisions made by the judges are final and not subject to appeal.