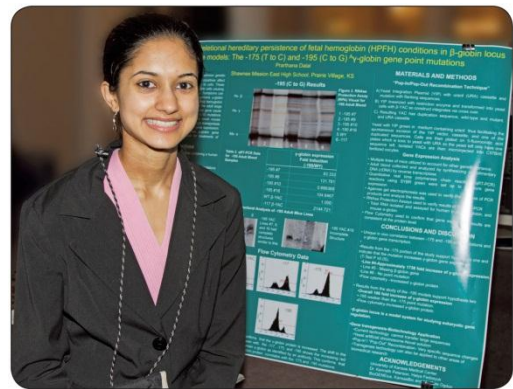


## Is there a BioGENEius in your classroom?

The Pennsylvania BioGENEius Challenge is an academic competition for high school students performing research in the field of biotechnology.

If you live in Pennsylvania and plan to enter a 9-12<sup>th</sup> grade individual science fair project involving biotechnology at any of the science fairs listed below you may also qualify for the Pennsylvania BioGENEius Challenge. *It's another chance to win!*

- [Delaware Valley Science Fairs](#)
- [Reading-Berks Science & Engineering Fair](#)
- [North Museum Science & Engineering Fair](#)
- [Capital Area Science & Engineering Fair](#)
- [Pittsburgh Regional Science & Engineering Fair](#)
- [York County Science and Engineering Fair](#)
- [Pennsylvania Junior Academy of Science Regional Competitions](#)



Prarthana Dalal, Leadwood, Kansas, 1st Place Winner

### How to Participate:

1. Apply to your nearest regional science fair (from the list above) and follow all of the directions for participating in that fair. Your project must include a scientific experiment on an application of biotechnology. For the purposes of this competition biotechnology is defined as using knowledge of biological systems to advance the production of goods and services.

2. [Complete an online application](#). Submissions must be completed at this site by **March 20, 2013**. Submissions will be judged and the winners announced on March 25, 2013. If you are chosen to be one of the two Pennsylvania finalists you will be invited to compete in the [U.S. National BioGENEius Challenge](#).

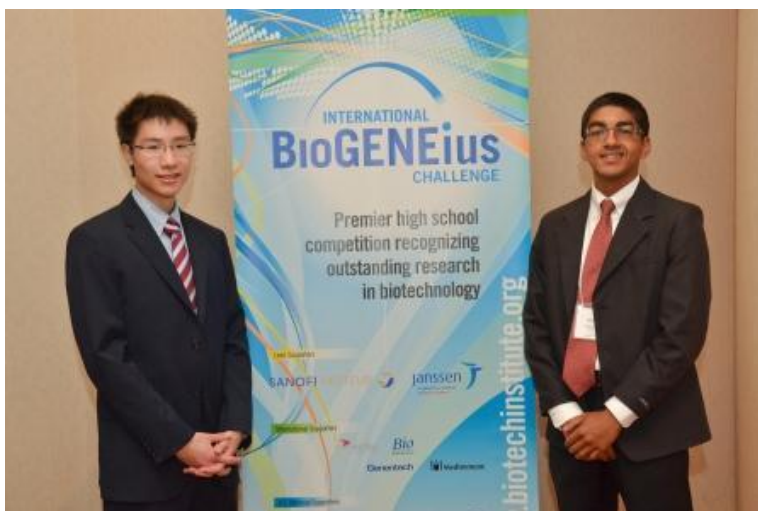
Note that there will be no interview process or live presentations at Harrisburg University this year. Projects will be judged purely on the merits of the electronic submissions to this site. This is a temporary change for 2013 and is related to the early calendar date of the U.S. National Challenge. The U.S. National BioGENEius Challenge will be held in Chicago on April 20 - 21, 2013.

The top ten finalists in the U.S. National competition will move on to the [International BioGENEius Challenge](#) held the next day. Scholarships and cash prizes are awarded. Top performers are sometimes invited to an informal science fair at the White House with an opportunity to meet the President.

Harrisburg University will reimburse Pennsylvania finalists for the cost of travel and lodging at the U.S. National and International BioGENEius Challenges.

For additional information or assistance regarding the Pennsylvania BioGENEius Challenge please contact Patrick Young at: (717) 901-5121 or [pyoung@HarrisburgU.edu](mailto:pyoung@HarrisburgU.edu)

**Results from the 2012 PA BioGENEius Challenge:**



First place awards went to:

- Kevin Zhang, a senior from Hatboro-Horsham High School in Ambler, PA for analyzing the toxicity of graphene oxide nanoribbons.
- Gaurav Sirdeshpande of Lancaster, PA for his research on maximizing biogas production from anaerobic digestion.

Check out our Facebook page for the Pennsylvania BioGENEius Challenge [here](#).

