

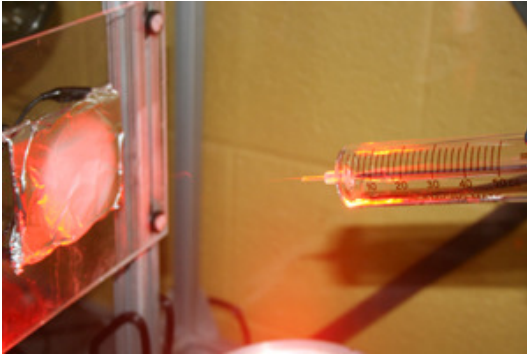
## North Penn High School Student Wins 1<sup>st</sup> Place in Research Competition

STARS (Science Technology and Research Students) and The Future is N.E.A.R. (Nanotechnology Education and Research)

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**Blue Bell, Pennsylvania—March 19, 2010—** A North Penn STARS and The Future is NEAR research student recently competed in the Montgomery County Science Research Competition last week with outstanding results. Jason Mineweaser placed first in senior engineering for “Implementing Ag+ Into Polyvinyl Alcohol Nanofibers for Antibacterial Purposes”.

Jason Mineweaser, a senior student at North Penn High School, has been researching and performing various experiments relating to the creation of antibacterial nanofibers for use in wound dressing. With the bulk of his research completed, Jason prepared his work and presented at Montgomery County Community College on Friday, March 19, 2010.



**Electrospinning PVA nanofibers**

Jason was awarded 1<sup>st</sup> place for his research and presentation and he now looks forward to competing in the Delaware Valley Science Fair April 6 – 8, 2010 at the Greater Philadelphia Expo Center at Oaks, Oaks, PA. According to a press release from the Delaware Valley Science Fair organization, “Like the Olympics, the stakes are high for students – nearly \$1 million in scholarship and prize money will be awarded at the Delaware Valley Science Fairs ([www.dvsf.org](http://www.dvsf.org)). Sixteen winners from Delaware Valley Science Fairs will win an all-expense paid trip to the Intel International Science and Engineering Fair in San Jose, Calif., from May 9-14. High school freshmen through seniors from 65 foreign countries and 48 states will compete for scholarships and prizes valued in the millions.”

Please check the N.E.A.R. website often for updates and further developments as the students’ research continues to develop.

**The Future is N.E.A.R.** program (Nanotechnology Education And Research) offers the students of North Penn High School’s Engineering Academy an opportunity to gain 21st century skills that will help prepare them to become successful and highly marketable leaders in the new, technological global society. The program introduces the fundamentals of nanotechnology, engineering research, and higher level thinking and application of knowledge to high school students while cultivating their interest in engineering, problem solving and life-long learning.

**North Penn STARS** (Science, Technology and Research Students) is a group of students who develop, research and run experiments on topics in various science disciplines. Students work independently of the student curriculum. Research projects are presented at local, regional and international competitions.

To learn more about the North Penn High School Engineering Academy and the nanotechnology research they are performing, please visit their websites at: <http://www.northpennengineering.org> and <http://www.thefutureisnear.org>

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