



# Press Release

For Immediate Release

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## NORTH PENN HIGH SCHOOL ENGINEERING ACADEMY SENIORS PRESENT AT PHILLY MATERIALS DAY AT DREXEL UNIVERSITY

(North Penn High School Engineering Academy, Engineering Design and Development: The Future is N.E.A.R. (Nanotechnology Education and Research))

### Philadelphia, PA - February 2, 2019 –

Philly Materials Day, an event held in the Bosson Research Center at Drexel University every February, is an open, free to the public, event designed to introduce the exciting field of Materials Science and Engineering to visitors of all ages.

Demonstrations from a wide variety of materials fields are offered by students from Drexel University, the University of Pennsylvania, and North Penn High School and sponsors from the Academy of Natural Sciences, the Franklin Institute, the Nuclear Regulatory Commission, GKN Powder Metallurgy and Arkema Inc.

This year, twenty-two of the fifty North Penn High School Engineering Academy seniors: Michael Ammendola, Devon Barclay, Zachary Blanchard, Daniel Borenstein, Andrew Farid, Nicolas Forte, Andrew La, Greg Lostaunau, Logan Macosko, Brandon Marques, Ryan Naulty, Jimmy Neild, Ankit Patel, Satyam Patel, Camryn Russell, Frank Sadiq, Madeline Sinclair, Nathan Tagert, Mark Young, Andrew Zanoni, Dev Zaveri, and Jacob Zoll demonstrated their research and materials science hands-on demonstrations in fields such as alternative energy harvesting, organic nanofiber-based wound dressings, advanced water filtration applications, and much more to the visitors from 10am to 3pm on Saturday, February 2, 2019.

Their research, made possible by generous grant funding from the North Penn Educational Foundation, is part of The Future is N.E.A.R. (Nanotechnology Education and Research) program in the North Penn High School Engineering Academy. The program, which parallels the senior capstone course, Engineering Design and Development (EDD), offers its students an opportunity to gain 21st century skills that will prepare them to become successful leaders in a technological global society. The program introduces the fundamentals of nanotechnology, engineering research and a rigorous application of their knowledge and skills while cultivating their interest in engineering, problem solving and lifelong learning. In this course, students seek opportunities to research and develop solutions to global issues by capitalizing from fundamentals of nanotechnology and



engineering research utilizing the latest published research available.

If you are interested in learning more about their research, the Engineering Academy or the Technology and Engineering Education Department, please visit their websites: [www.northpennengineering.org](http://www.northpennengineering.org) or [www.thefutureisnear.org](http://www.thefutureisnear.org).

