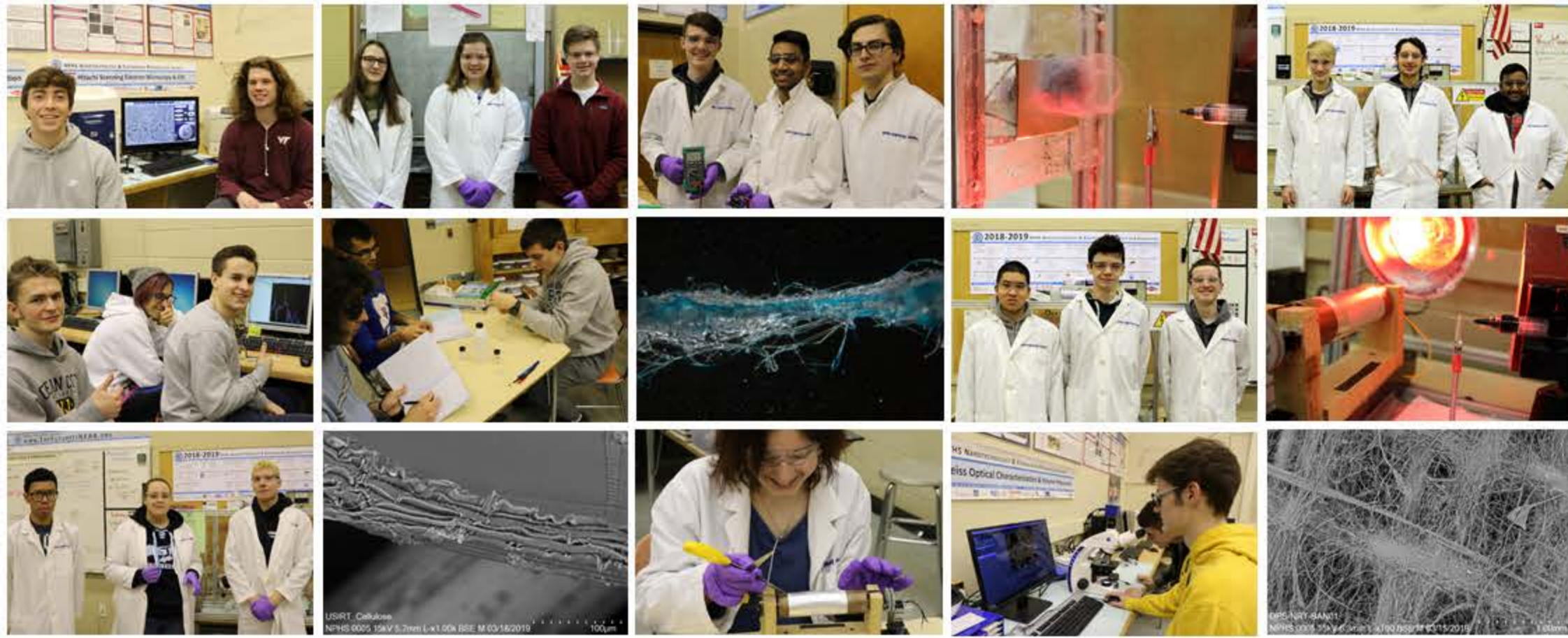


NORTH PENN HIGH SCHOOL ENGINEERING ACADEMY

NANOTECHNOLOGY AND ENGINEERING SYMPOSIUM



THURSDAY
05.30.2019
7PM @ NPHS

The Engineering Design and Development students (EDD), NASA Research Team, and International Research Team at North Penn High School will be offering an engaging and exciting symposium about nanotechnology and their research on Thursday, May 30, 2019 7PM at North Penn High School in Lansdale, PA.

50 EDD Research Students

17 Research Teams

NASA Research Team

International Research Team

EPICS Club

You will see live demonstrations of the students' research, meet representatives from the Class of '62 scholarship committee and local engineering firms, and more!

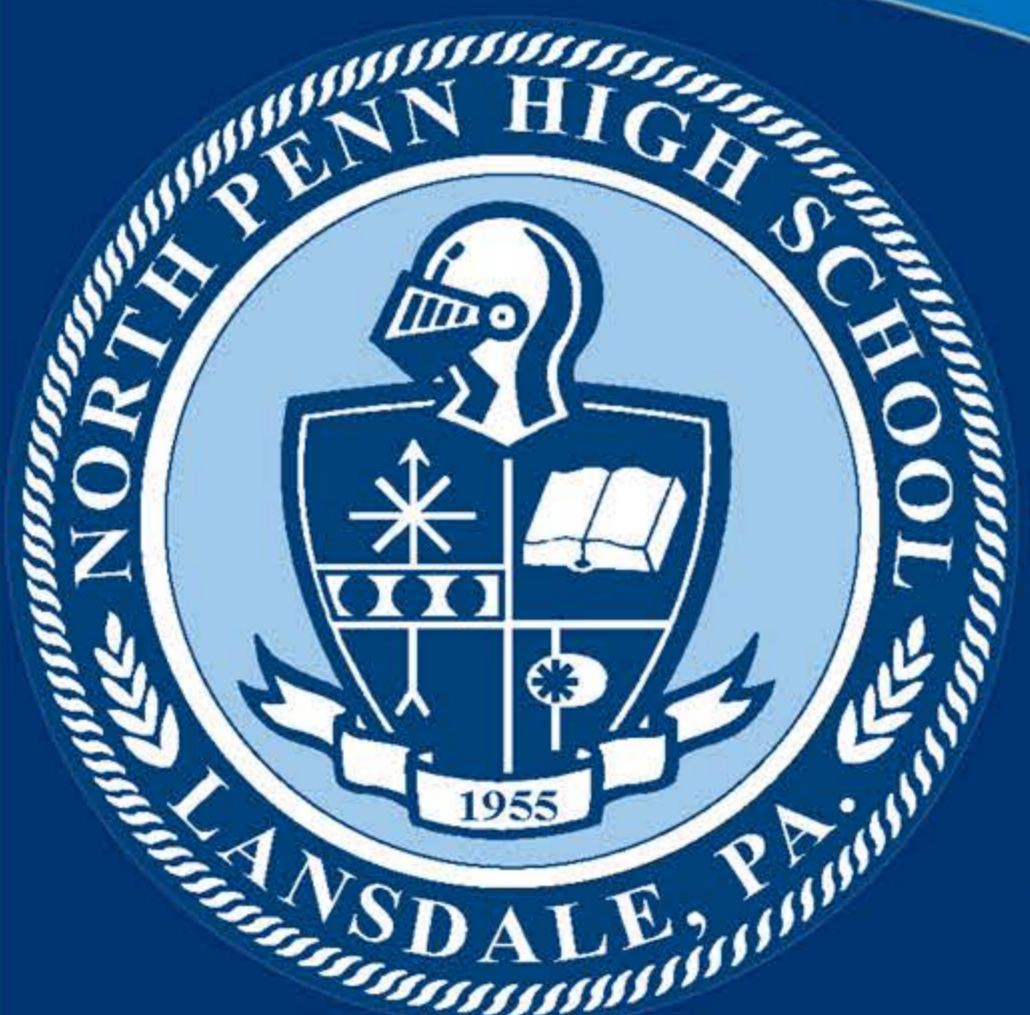
For further information, please contact: Michael A. Boyer boyerma@npenn.org 215.853.1325



2018-2019 NPNS NANOTECHNOLOGY & ENGINEERING RESEARCH LAB ENDEAVORS

CO₂ CAPTURE CARBON CAPTURE DEVELOPMENT <i>Carbon Capture Development</i> Jason Beideman Hunter Fidik Benjamin Jimenez Darsh Patel	CELLULAR SCAFFOLDING <i>DermaCure</i> Matthew Cooney David Czekaj	RENEWABLE ENERGY SOURCES <i>ARK Energy</i> Alex Scheffler-Murry Ryan Heintz Kuldeep Patel	ORGANIC ANTIBACTERIAL DRESSINGS <i>FiberCare Bandages</i> Nicolas Forte Madeline Sinclair Victor Than	ULTRAVIOLET DETECTION <i>Chromalight Barrier Technologies</i> Brandon Spencer Andrew Zaroni Dev Zaveri	NANOFIBER BASED FILTRATION MEDIA <i>Dynamic Purification Solutions</i> Zachary Blanchard Ryan Naulty Satyam Patel
SELF RELIANT ELECTRIC VEHICLES <i>Dynamic Energy</i> Andrew Farid Andrew La Nathan Tagert Frank Sadiq	ENERGY HARVESTING & STORAGE <i>Energy Finders</i> Mahedi Hasan MD. Safaet	ENERGY MONITORING & STORAGE <i>LANtech</i> Lucas Yannul Anthony Hayes Nicole Owoc	DEIONIZED WATER FILTRATION <i>NanoFilter</i> Samuel A. Aleide John J. Bloomer	SYNTHETIC NERVE DEVELOPMENT <i>NeuroTouch</i> Vito Bianco Nick Pohwat Ustyna Danylovysh	PIEZOELECTRIC ENERGY HARVESTING <i>Sole Energy</i> Greg Lostaunau Brandon Marques Mark Young
MULTISOURCE ENERGY HARVESTING <i>Hybrid Electrics</i> Devon Barclay Jimmy Neild Camryn Russell	RENEWABLE ENERGY INTEGRATION <i>MAP Electrical Solutions</i> Mike Ammendola Logan Macosko Ankit Patel	TISSUE ENGINEERING <i>TiGrowth</i> Linzee Lohan Kyra Pond Steven Seymour	ELECTRICALLY STIMULATED HEALING <i>Stimul-Aids</i> Ryan Hoffman Sean LeConey Kyle O'Connor	ELECTROCHROMIC MATERIALS <i>ZBC Chrome</i> Jacob Zoll Daniel Borenstein Ryan Choi	

HEALTHCARE | MATERIALS SCIENCE | ENVIRONMENT | ENERGY | SUSTAINABILITY



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