

NORTH PENN HIGH SCHOOL ENGINEERING ACADEMY

NANOTECHNOLOGY AND ENGINEERING SYMPOSIUM



FRIDAY
05.20.2022
7PM @ NPHS AUDITORIUM

The Engineering Design and Development students (EDD) at North Penn High School are offering an exciting symposium about nanotechnology and their research

Friday, May 20, 2022 | 7:00 PM

North Penn High School Auditorium

1340 S. Valley Forge Road Lansdale, PA 19446

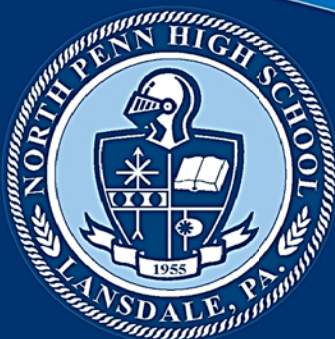
For further information, please contact: Michael A. Boyer boyerma@npenn.org 215.853.1325



2021-2022 NPHS NANOTECHNOLOGY & ENGINEERING RESEARCH LAB ENDEAVORS

HEALTH: WATER PURIFICATION <i>AquaFlo Filtration</i> Garrett Chonko Tyler Refford Caleb Yanagawa Sajid Zahid	[TIMS] THERMAL MANAGEMENT <i>Process-X</i> Scott Klein Tim Schwar Ryan Woolaver	HEALTH: WATER PURIFICATION <i>Aqua-Tech</i> Thomas Samojlowitsch Logan Tripler	ENERGY HARVESTING: SOLAR <i>SolarGenix</i> Nicholas DeMaria Mohammed Hoque Aidan Hoy Justin Yothers	HEALTH: CONCUSSION PREVENTION <i>Concussion Tech</i> Allen Jobi Dev Vyas	ENERGY HARVESTING: THERMAL <i>North Penn Thermoelectrics</i> Ryan Banha Russell Cole
ENERGY HARVESTING: THERMAL <i>E-FORCE</i> Bryan Blanco Shakib Hasan Rauf Islam	[TPV] TRANSPARENT PHOTOVOLTAICS <i>Solar Transparency</i> Jessica Baek Veronica Ott Charlotte Patterson Kaylee Spencer	FIREFIGHTER PROTECTION <i>Fire-Power</i> Dan Gregory Zach Kline	ENERGY EFFICIENCY: THERMAL <i>TEPICS</i> Jon Pfister Dominic Parreca	ENERGY OPTIMIZATION: HYDROGEN <i>HydroOptimize</i> Ethan Beck Christopher LaRosa Josh Platt	ENERGY HARVESTING: PIEZOELECTRIC <i>Piezoelectrik</i> Greg Hartwig Justin Ngorn Dylan Schurr Abigail Thornton
STRUCTURAL CABLING <i>PolyCable Industries</i> Cody Froshour Owen Mockus Jake Sparra	BIOMEDICAL RESEARCH <i>Heal X</i> Emily Allen Jada Beach Nicole Lostaunau	ENERGY HARVESTING: THERMAL <i>ThermoCharge</i> Jack Bailor Liam Barron Brenden Ingling Shiven Patel	HEALTH: VASCULAR FLOW <i>NanoMed</i> Emily Blanchard Matthew Pedicone Sreenidhi Yaratha	ENERGY MANAGEMENT <i>WAIR</i> Jennifer Denning Justin Kwak Tanav Thota	

HEALTHCARE | MATERIALS SCIENCE | ENVIRONMENT | ENERGY | SUSTAINABILITY



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