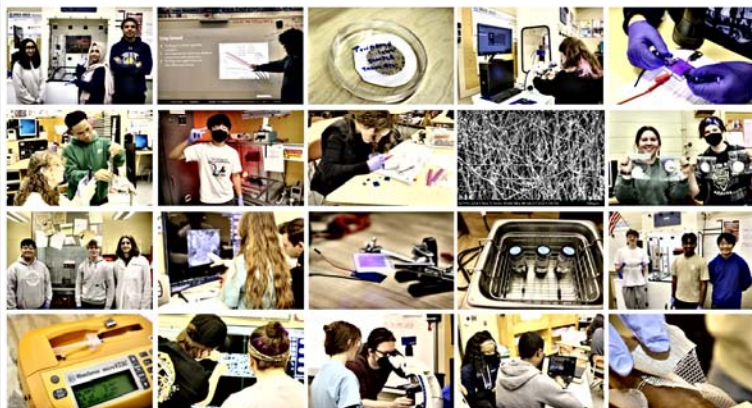


**NORTH PENN HIGH SCHOOL ENGINEERING ACADEMY**

# NANOTECHNOLOGY AND ENGINEERING SYMPOSIUM



**FRIDAY**  
**05.19.2023**  
**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 19, 2023 | 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](mailto:boyerma@npenn.org) 215.853.1325



## 2022-2023 NPHS NANOTECHNOLOGY & ENGINEERING RESEARCH LAB ENDEAVORS



### Advanced Wound Healing

Biomedical

Gen C

Jadyn Manning  
Marianne Mathew  
N. Sinthi



### Microplastics Pollution

Environmental

MicroPlastics Solutions

Emelia Jones  
Sophia Lynn



### Rheological Fluids

Materials Science

Rheo-Tech

Jack Ely  
Amir Fairweather  
Charlotte Jaffe



### Solar Energy

Energy

Solar+

Jonathan Minsung Kim  
Cameron Alexander Pelletier  
Kevin Michael Pownall Jr.



### Energy Harvesting

Energy

Solergy

Ryan Thomas Gasper  
Jay Charangat  
Joseph Jae-Poong Yi



### Energy Storage

Energy

STORE-E

Logan Giza  
David Lu  
Leo Rowan Smith  
Agnes Walker



### Traumatic Brain Injury

Health

TBI-Tech

Xavier Bryan-Boothe  
Dayshia Divine Lewis-Upchurch



## HEALTHCARE | MATERIALS SCIENCE | ENVIRONMENT | ENERGY | SUSTAINABILITY



### North Penn High School

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