

**NORTH PENN HIGH SCHOOL ENGINEERING ACADEMY**

**NANOTECHNOLOGY AND ENGINEERING SYMPOSIUM**



THURSDAY  
**05.30.2024**  
 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!**

**Thursday, May 30, 2024 | 7:00 PM**

**North Penn High School Auditorium**  
 1340 S. Valley Forge Road Lansdale, PA 19446

For further information, please contact: Michael Boyer [boyerma@npenn.org](mailto:boyerma@npenn.org) 215.853.1325  
 or visit [www.TheFutureIsNEAR.org](http://www.TheFutureIsNEAR.org)

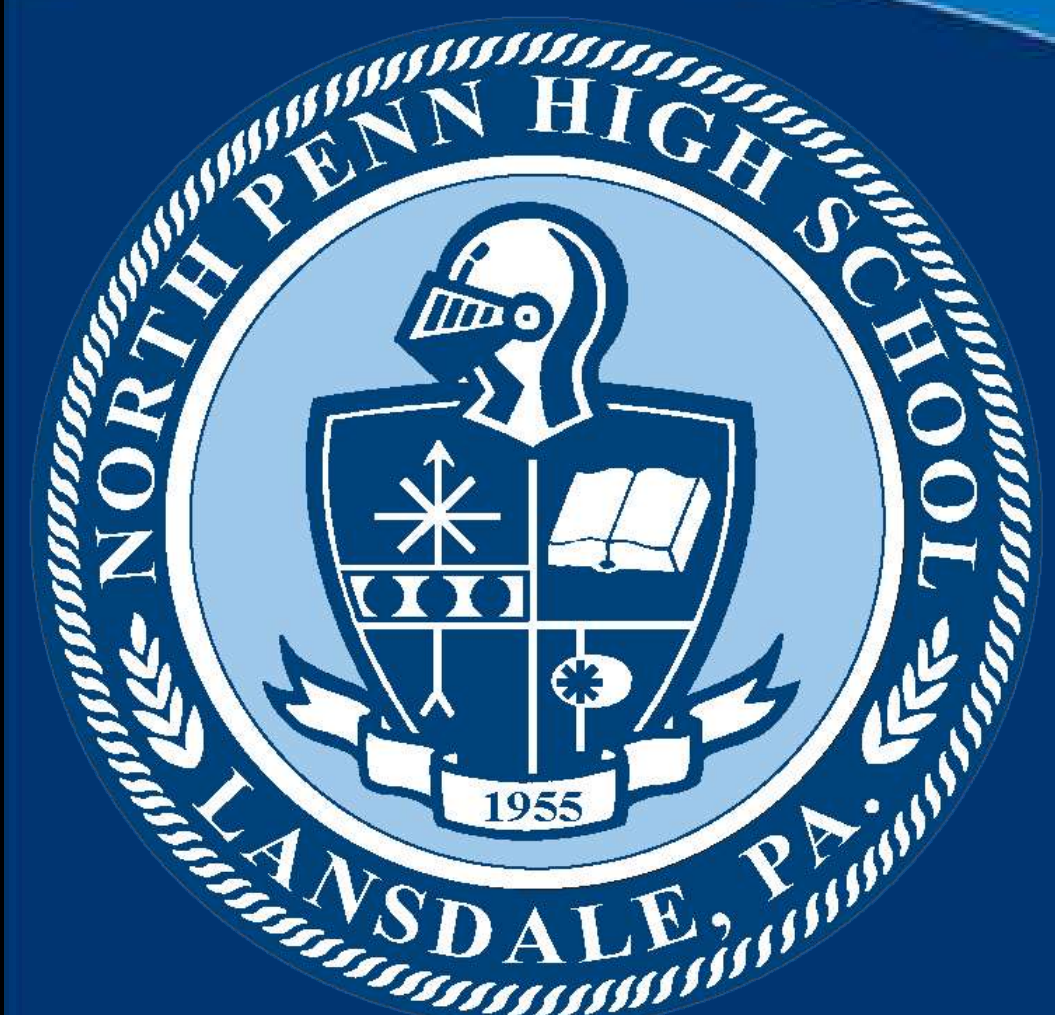


**2023-2024 NPHS NANOTECHNOLOGY & ENGINEERING RESEARCH LAB ENDEAVORS**



<p>ENVIRONMENT   BIOPLASTICS</p> <p><b>ECOPLASTICS</b></p> <p><i>EcoPlastics</i></p> <p>Sophia Marsicano Laura Pham</p>	<p>ENERGY   HARVESTING</p> <p><b>eneRPy</b></p> <p><i>eneRPy</i></p> <p>Rakibul Hoque Progejim Das</p>	<p>ENVIRONMENT   MICROPLASTICS</p> <p><b>ESPADA-CORPS</b></p> <p><i>Espada Corps</i></p> <p>William Bernal Jackson Hier Braden Snow</p>	<p>ENVIRONMENT   CO<sub>2</sub> EMISSIONS</p> <p><b>nanOCARBON</b></p> <p><i>nanoCARBON</i></p> <p>Joseph Grosso Ryan Shollenberger Eric Qian</p>	<p>ENVIRONMENT   NITROGEN LIFE CYCLE</p> <p><b>NitroPhix</b></p> <p><i>NitroPhix</i></p> <p>Claire Adams Kaitlin Vaccaro</p>	<p>ENERGY   RENEWABLE SOURCES</p> <p><b>RenewaTech</b></p> <p><i>RenewaTech</i></p> <p>Alexander Burns Caleb DiLenge Zachary Duld Owen Fritz</p>
<p>BIOMEDICAL   PROSTHETIC DEVELOPMENT</p> <p><b>B&amp;M Elevated Prosthetics</b></p> <p><i>B&amp;M Elevated Prosthetics</i></p> <p>Samantha Blanchard Gabrielle Miller</p>	<p>ENVIRONMENT   LIGHT POLLUTION</p> <p><b>Captalight</b></p> <p><i>Captalight</i></p> <p>Nervana Nabil Sean Tecklin</p>	<p>HEALTH   MOBILITY</p> <p><b>CD-X</b></p> <p><i>CD-X</i></p> <p>Rowan Heidt Ahnaf Rahman</p>	<p>MATERIALS SCIENCE   CAMOUFLAGE</p> <p><b>I.R.I.S.</b></p> <p><i>I.R.I.S.</i></p> <p>Thomas Moore Adam Riley John Steelhammer Mason Stigler</p>	<p>HEALTH   MOBILITY</p> <p><b>GyroStride Solutions</b></p> <p><i>GyroStride Solutions</i></p> <p>Ayman Faraz Ethan Spencer Evan Spencer Shayaan Kabir</p>	

**HEALTHCARE | MATERIALS SCIENCE | ENVIRONMENT | ENERGY | SUSTAINABILITY**



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