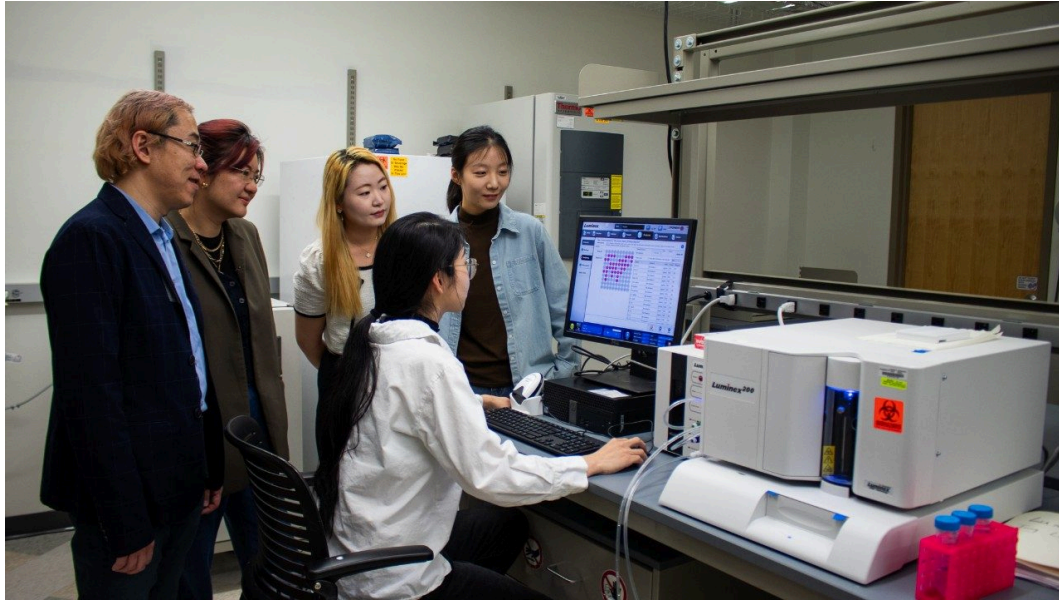


We're engineering a greener future.



Researchers develop a new way to safely boost immune cells to fight cancer

Researchers in Virginia Tech's College of Engineering have developed a new cancer immunotherapy to localize cancer-killing cytokines in tumors to improve treatment effectiveness.

Wind turbine blades get a sustainable upgrade

With a \$2 million grant from the Department of Energy, researchers from Virginia Tech are pioneering processes to make this sustainable energy source even more sustainable.

News from the department

- [New spatial profiling approach maps out discoveries for future brain research](#)
- [Breaking barriers: Researchers analyze how a chemical process could help recycle a common plastic waste](#)
- [Gary Whiting honored with emeritus status](#)
- [Professor emeritus S. Ted Oyama wins prestigious national award from the American Chemical Society](#)



Class of 2024: Brandon Tapia is engineering a greener future

Whether he's tackling chemical engineering classes or big climate change issues happening in the world today, Brandon Tapia enjoys a challenge. He was drawn to chemical engineering for that exact reason; the promise that he would be challenged to solve big problems that have global impact.



Class of 2024: Neeti Gandhi named Outstanding Doctoral Student for the College of Engineering

From founding Women and Gender Minorities in Chemical Engineering to becoming president of the Chemical Engineering Graduate Student Association (ChEGSA), Neeti Gandhi has built an impressive resume throughout her time at Virginia Tech. Now, she can add Outstanding Doctoral Student of the Year for the College of Engineering to her list of accomplishments.

ChemE in the News

- [VT researchers creating new way to map out the human brain, furthering brain research](#)
- [Scientists making progress in less toxic cancer treatment called immunotherapy](#)
- [New US method to 3D-print massive recyclable wind turbine blades on-site](#)

Upcoming Events

July 21 | [Virginia Tech Day at Nationals Park](#)
[Welcome to the City 2024](#)

Every gift makes an impact

- \$25 will help pay for PPE for one student enrolled in the Summer Unit Operations Laboratory
- \$50 buys a transparent heat engine to teach students the fundamentals of thermodynamics
- \$150 pays for a student's registration at the American Institute of Chemical Engineers national meeting

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