



BHATTACHARYYA

INNOVATORS



MEBANE



TURTON

MEZAN
GOLDWATER SCHOLARTHRASHER
2016 OLYMPIC
GOLD MEDALIST

OUTSTANDING STUDENTS

HU
ARPA-E AND DOE
MANUFACTURING
USA AWARDEEFAMOURI
ARPA-E AWARDEEBROWN
NSF AWARDEEYE
NSF AWARDEE

RESEARCH THAT MATTERS

Successful Competitions

A team of 10 engineering students successfully navigated their robot, Cataglyphis, to amass 11 points to win the Level 2 competition for the Sample Robot Return Challenge as part of NASA's Centennial Challenges, bringing home a \$750,000 prize, the largest NASA has awarded in the five-year history of the Challenge. Their next challenge? Convert Cataglyphis into a precision pollination robot.

Innovators

Three engineering faculty members—Debansu Bhattacharyya, David Mebane and Richard Turton—became the latest winners of an R&D 100 Award, known as the “Oscars of Innovation.” Bhattacharyya and Mebane created a toolset to accelerate the development of carbon-capture technology for manufacturers and businesses. Turton and Bhattacharyya teamed to develop virtual reality-based software that provides a high-tech look into the operation of power plants.

Outstanding Students

Statler College of Engineering students are winners both in the classroom and on the competition field.

Weirton native Ryan Mezan, an honors student majoring in biomedical engineering, became the major's first Goldwater Scholarship recipient. The award is presented to undergraduates who intend to pursue research careers in the natural sciences, mathematics and engineering.

Ginny Thrasher, also a biomedical engineering major, scored the first Gold medal for the U.S. in the 2016 Summer Olympics in the women's 10-meter air rifle. She's also no slouch in the classroom, consistently landing a spot on the University's honor roll.

Research that Matters

From developing technologies that boost energy productivity and efficiency to developing new technologies to prevent cyber attacks, faculty in the Statler College make a difference and are being recognized for their efforts both in and out of the classroom.

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