



Catherine Consiglio

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Catherine Consiglio is an incoming freshman and will attend Duke University in Durham, North Carolina to study mechanical and biomedical engineering. Early in high school she was enamored with robotics and the engineering lab at the school technical center. She was involved in prototyping circuits on breadboards, coding mobile robots, experimenting with laser cutters and programming five-axis robots. This led to competitions throughout high school and an internship in her junior year with Johnson Controls International working with a team of mechanical engineers. In her personal time, Catherine is developing an autonomous GPS guided above-water vehicle, and separately, a low-cost brain wave technology to help with the recovery from traumatic brain injury or strokes.

Catherine, in high school, taught robotics and did recruiting for Cranston's Pre-Engineering / Robotics program and was named pre-engineering & robotics outstanding student. She wrote curriculum to integrate engineering concepts and physics principles into the class room activities with the intent of paving the way toward gender equilibrium in STEM. Catherine held leadership positions in student council; President and Vice President, participated in competitive soccer, cross country, indoor and outdoor track and was female student athlete of the year. Catherine is a remarkably ambitious young woman, optimistic and full of positive energy and a rarity according to her guidance counselor, Lori Velino. Catherine's hometown is Cranston, Rhode Island.