



The Foundation for
Health Advancement

2020 High School STEM Grant Program Recipients Announced

The Foundation for Health Advancement announced the recipients for our 2020 grant cycle. The grants are awarded to:

Biotechnology High School (Freehold, Monmouth County) for *Investigations in Neurophysiology and Neuroprosthetics*

Hunterdon County Vocational School District (Flemington, Hunterdon County) for *Body and Mind: Health Careers and Anatomy*

Warren Hills Computer Science Club (Washington Township, Warren County) for *the Expansion of the Warren Hills Digital Lending Library*

Freehold's Biotechnology High School will utilize the grant for "*Investigations in Neurophysiology and Neuroprosthetics*" to purchase electrophysiology equipment and materials which will enable high school students to conduct experiments and analyze data that will show connections to emerging medical technologies, such as neuroprosthetics and video game-based physical therapy.

Hunterdon County Vocational School District's grant will fund "*Body and Mind: Health Careers and Anatomy*" to provide students at Hunterdon County Polytech with 3D anatomical instruction coupled with live surgery viewing. The initiative will also provide exposure to STEM careers through discussions with health professionals and job shadowing at Hunterdon Healthcare System.

The Warren Hills Computer Science Club will use the grant to expand the high school's *Digital Lending Library* to further enable its student members to share sets of digital devices, such as robots, with local elementary school students and teachers. Through this initiative, high school students act as role models and inspire younger students to learn more about STEM and computational thinking. The availability of digital devices through this program provides opportunities for district schools to utilize and share various new technologies and resources.

"We are excited about our new grantees as their projects will expose students to many of the analytic and creative aspects of STEM," said James Golubieski, President of the Foundation for Health Advancement. "Inspiring students to pursue STEM majors and careers will help ensure a robust talent pipeline required to keep New Jersey on the leading edge of innovation."

Congratulations to all of the teachers and students whose projects were selected!