2007 Ardsley High School  
ARDSLEY, NEW YORK  
Patent Title: Curb climbing wheelchair attachment  
System of attachments that can be fitted to a standard wheelchair to enable the wheelchair user to climb curbs, bumps, or other obstructions.

2009 San Juan High School  
BLANDING, UTAH  
Patent Title: Motorized litter transport kits, methods and devices relating thereto  
A device that attaches to most types of rescue litters to improve rescue speed and reduce the number of necessary rescue personnel.

2010 Cesar Chavez High School  
LAVEEN, ARIZONA  
Patent Title: Physical therapy chair  
Fully adjustable motorized chair for individuals who may need mobilization assistance during physical therapy.

2013 Natick High School  
NATICK, MASSACHUSETTS  
Patent Title: Multi-component robot for below ice search and rescue  
Remotely operated robot for underwater or ice search and rescue.

2014 SOAR High School  
LANCASTER, CALIFORNIA  
Patent Title: Alcohol sensing bracelet  
Blood alcohol content detection wristband that uses a miniature sensor.

2014 Benjamin Banneker Academic High School  
WASHINGTON, D.C.  
Patent Title: Door security apparatus  
Mechanism that allows teachers to remotely lock classroom doors in the event of a lockdown situation.

ABOUT LEMELSON-MIT INVENTEAMS: Lemelson-MIT InvenTeams are teams of high school students, educators, and mentors that receive grants up to $10,000 each to invent technological solutions to real-world problems. The InvenTeam initiative is administered by the Lemelson-MIT Program and supported under the School of Engineering at the Massachusetts Institute of Technology. The Lemelson-MIT Program is funded by The Lemelson Foundation. Learn more at lemelson.mit.edu.
2015 Concord High School  
WILMINGTON, DELAWARE  
Patent Title: Object detection and removal apparatus  
Apparatus to be used in hospital textile facilities that attaches to laundry conveyor belts and detects and removes foreign objects.

2016 Williamston High School  
WILLIAMSTON, MICHIGAN  
Patent Title: Apparatus and method for assisting a user in actuating a locking mechanism associated with a storage device  
Device that helps students with autism or neurodevelopmental disabilities open their lockers.

2016 Stockbridge High School  
STOCKBRIDGE, MICHIGAN  
Patent Title: Underwater camera and water quality monitoring system  
A waterproof camera that captures video and time-lapse photography to monitor water quality.

2017 Poolesville High School  
POOLESVILLE, MARYLAND  
Patent Title: Currency sorting mechanisms and methods  
Currency note sorting device that identifies denomination and delivers notes to a wallet with respective, braille marked slots.

2018 SOAR Early College High School  
LANCASTER, CALIFORNIA  
Patent Title: Personal proximity sensor systems  
A safety device that can detect the presence of an individual who is nearby or even behind the user.

2018 Northeast High School  
OAKLAND PARK, FLORIDA  
Patent Title: Mosquito Agitation Device, System and Method  
A device to disrupt the development of mosquito larvae in bodies of water.