

Greater Lowell Tech students earn prizes in virtual Science Fair



More than 130 students participated virtually in Greater Lowell Tech's 2021 Science fair.

TYNGSBORO — Greater Lowell Technical High School recently held its annual Science Fair, though this year it was done virtually.

Each student who participated prepared an experiment of their choice and made a presentation to a panel of judges that included Superintendent Jill Davis, science teachers, and retired math and science teachers. The judges then collaborated in picking a Gold, Silver and Bronze winner from each group.

This year's fair featured more than 100 different projects created by more than 130 students. Students could create projects in one of six groups: Biology, Chemistry, Food Science, Motion and Force, Technology, and Experiments on Human Behavior.

Following are the winners.

Biology: The Gold winner is Abbey Gingras, a junior from Dracut in the Programming and Web Development program, for her project "How Could you be Affecting your Friendly Neighborhood Grass?" The Silver winner is Olivia Langone, a sophomore from Dracut in the Early Childhood Education program, for her project "Masks and Bacteria." The Bronze winner is Aliyah Orn, a sophomore from Lowell in the Cosmetology program, for her project "Mixing Colors Using Lights."

Food Science: The Gold winner is Leann Ros, a sophomore from Lowell in the Health Assisting program, for her project “Preventing Apples From Browning.” The Silver winner is Destiny Rios, a sophomore from Lowell in the Medical Assisting program, for her project “Comparisons of Chips, Pringles, and Pretzels.” The Bronze winner is Amanda Diogo, a sophomore from Lowell in the Programming and Web Development program, for her project “Baking Soda vs. Baking Powder.”

Chemistry: The Gold winner is Michael Boisvert, a sophomore from Dracut in the Electrical program, for his project “Eggs Floating in Salt Water.” The Silver winner is Jennaeve Pimentel, a sophomore from Dracut in the Health Assisting program, for her project “Can Solids Flow like Liquids?” The Bronze winner is Christopher Brady, a senior from Dracut in the Carpentry program, for his project “Electrolytes: Sports Drinks vs. Juice.”

Motions and Force: The Gold winner is Karen Vinal, a senior from Tyngsboro in the Computer-Aided Architectural Design program, for her project “Aerodynamics of Racing.” The Silver winner is Chelsea Khe, a sophomore from Lowell in the Cosmetology program, for her project “Moving Water with the Archimedes Screw Pump.” The Bronze winner is Luke Aslanian, a sophomore from Lowell in the Engineering Technology program, for his project “Simple Machines to Complete a Simple Task.”

Heat and Technology: The Gold winner is Bryan Njenga, a junior from Lowell in the Masonry program, for his project “Strength of an Electromagnet.” The two Silver winners are Troy Brown, a junior from Dracut in the Engineering Technology program, for his project “Pumped Up Heart Rate,” and Audrey Savard, a sophomore from Lowell in the Graphic Communications program, for her project “Why Do Video Games Look Better Today?” The Bronze winner is Anthony Bui, a sophomore from Lowell in the Programming and Web Development program, for his project “Electromagnets to Pick Up Objects.”

Human Behavior: The Gold winner is Nellie Chan, a sophomore from Lowell in the Plumbing program, for her project “Reaction Time from Peripheral Vision.” The Silver winners are the team of Araxi Collazo, a senior from Lowell in the Health Assisting program, and Kassandra Marrero, a senior from Lowell in the Medical Assisting program, for their project “Eyewitness Testimony.” The Bronze winners are the team of Emily Tran, Tayff Abbas and Jeremy Coloma, all seniors from Lowell in the Health Assisting program, for their project “Senses Against Humanity.”

The presentations were recorded and can be viewed at Greater Lowell Tech’s website.