

LISEF Project Listing for North Shore Hebrew Academy High School

Students	Project Title	Project Code	Certified	
Rachel Hanan Jennifer Katz	Genetic and Phenotypic Comparison of Four Arabidopsis thaliana Strains when Exposed to Heavy Metals, for Future Applications in Agriculture	PLNT2642	Certified	Details
Jeremy Noah Bernstein Aaron Michael Baruch Joseph Abraham Masri	Addressing SIDS: Analyzing the Respiratory Rate of Infants Using Image Processing Algorithm	ENBM3780	Certified	Details
Justin Blake Ganjian	The Effect of Microplastics on Tissue Regeneration and the Homeostasis of Dugesia tigrina	ANIM1582	Certified	Details
Jeremy Adam Sofiev	Tackling Food Poisoning: Monitoring Methane Concentration Produced by Spoiled Food Using Arduino Sensors	CHEM1598	Certified	Details
Daniella Azar Ashley Hakakian Leah Samantha Mayeri	A Meta-Analysis to Elucidate the Link Between Tocopherol Acetate and Lung Illnesses of Vape Users	BMED3630	Certified	Details
Ethan Basaleli	A Novel System for Detecting and Mitigating Gas Hazards within the Home	COMP1762	Certified	Details
Ikey Croog	Using RGB Pixel Data to Generate a Stream of True Random Numbers for Encryption	COMP1123	Certified	Details