



Massachusetts Science
+ Engineering Fair

HIGH SCHOOL FAIR 2025

POWERED BY 

High School Award Winners Society for Science Awards

Go [HERE](#) for full awards list.

The awards on this link are generously provided through MSEF's affiliation with the [Society for Science](#).

American Psychological Award

APA Certificate of Achievement in Research in Psychological Science

Qiaorui Zhang

Newton North High

Predicting Poverty in the US Based on Demographic and Socioeconomic Features

Association for Women Geoscientists Student Award of Geoscience Excellence

Qinghe Zhao

Boston Latin School

Effect of Post-Fire Smoke on Chlorophyll Concentration of Pines

NASA Earth System Science Award

Arjun Mohandass

Shrewsbury Senior High

Capturing Carbon Utilizing Portable Units

Ricoh USA, Inc Award



Ricoh Sustainable Development Award

**Jalani Lopez, Kinsey
McClelland**

West Springfield High
School

*Which Biodegradable Hydrogel Conserves the Most Water
for Farming?*

Society for In Vitro Biology Award

Certificate of Outstanding Achievement for Ability and Creativity in In Vitro Biology

**Neal Tandon,
Jason Xie**

Dover-Sherborn Regional
High School

*STING Inhibits Migration and Invasion in Triple-Negative
Breast Cancer Independently of Immune Cells*

National Oceanic and Atmospheric Administration Award Taking the Pulse of the Planet Award

Aakash Stewart

North Reading High School

*Analyzing the Effects of Locational and Weather Changes on
Air Quality*

Yale Science and Engineering Association Award

Avani Jain

Massachusetts Academy
of Math & Science

*Pathophysiological Disruption of the Endothelial Glycocalyx by
Microplastic Contamination*