



# 2026 High School State Fair Scholarships and Society for Science Awards

## Summer Program Scholarships

### Wentworth Impact Lab

Aru Sharma, North Attleboro High School  
Anirudh Pulugurtha, Acton-Boxborough High School  
Emily Ward, Sturgis East Charter School  
Aditya Naravane, North Attleboro High School  
Caitlin Stimpson, Littleton High School  
Lasya Muthyala, Littleton High School

### Wentworth Momentum Lab

Maisarah Rahman, North Quincy High School  
Caleb Swilling, Winchester High School  
Ivan Sushanth Sudhir, North Attleboro High School

## Worcester Polytechnic Institute College Credit Jumpstart

<b>Arushi Vora</b>	Westborough High	<i>Using Senolytics to Rescue Cognitive Function in a Mouse Model of Alzheimer’s Disease Through Selective Cell-Type Targeting</i>
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## National Youth Science Camp

<b>David Guo</b>	Buckingham Browne Nichols School	<i>DermaSpectra DeepVision: A Multispectral Imaging System for Enhanced Dermatologic Diagnosis Powered by a Novel CNN–Transformer–LLM Framework</i>
<b>Ananth Gomatam</b>	Massachusetts Academy of Math and Science at WPI	<i>Researching the Effects of Indian Carnatic Music on the Behavior of Drosophila melanogaster in an Autism Spectrum Disorder Model</i>

## Harvard Summer School Secondary School Program

**Aditya Tangella**

Boston Latin School

*Impact of Battery Sizing and Operational Conditions on Degradation and Lifetime in Solar-Plus-Storage Energy Systems*

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### Tuition Scholarships

Students will receive information this summer to apply for scholarship awards from these institutions.

*Clark University*

*Merrimack College*

*UMass Amherst*

*UMass Boston*

*Wentworth Institute of Technology*

*Worcester Polytechnic Institute*

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### Additional Award Recognition

The awards listed below are generously provided through MSEF's affiliation with the Society for Science.

#### American Psychological Award

APA Certificate of Achievement in Research in Psychological Science

Katie Kim

Deerfield Academy

POEM-KD: Persona-Oriented Efficient Model for Poetry

Rewriting with Knowledge Distillation

#### Association for Women Geoscientists

Student Award of Geoscience Excellence

**Sanvi Venkayala**

Massachusetts  
Academy of Math and  
Science at WPI

*Designing a Robot to Measure Soil Hydrophobicity and Optimize Tilling for Hydration*

## NASA Earth System Science Award

**Andrew Wu**

Acton-Boxborough  
Regional High

*Satellite Analysis and Visualization of Nitrogen Dioxide  
Columns during Cuba's October 2024 Blackout*

## Ricoh USA, Inc Award

Ricoh Sustainable Development Award

**Anna Mahoney**

Wachusett Regional  
High

*A Recipe for Success: The Effect of Variation in Bioplastics  
Recipes on the Tensile Strength of the Bioplastics*

## Society for In Vitro Biology Award

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

**Cindy Ren**

Tabor Academy

*"BehavioSync": Matricaria chamomilla Extract Attenuates  
Depressive-like Behaviors and Neurocognitive Impairment in  
Zebrafish via Neuroinflammatory Modulation*

## National Oceanic and Atmospheric Administration Award

Taking the Pulse of the Planet Award

**Michelle Zheng &  
Reagan Wray**

Sharon High

*Aggressive Algae: Preventing Harmful Algal Blooms*

## Yale Science and Engineering Association Award

**Kornkanya  
Charoensiddhi**

Wellesley Senior High

*Phospholipid Deletion Alters Lipid Metabolism, Growth,  
and Stress Response in Mycobacterium smegmatis*