



MA Region VI/Boston Public Schools Citywide Science & Engineering Fair  
Middle School (Junior) Division

Christa McAuliffe Grand Prize Award

Leila Ohashi	Determining Which Fertilizer Best Benefits Plants	Boston Latin School
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First Place Junior Division (Project)

Alexandra Yang	Sleep Vs. Cognitive Interference	Boston Latin School
Chelsea Bateman	Stressed Out? A Research Project on How Owning a Dog Affects Stress Levels in Humans	Ohrenberger, William School
Hanna Flynn	Growing Alfalfa Seeds in Salt Science Experiment	Boston Latin School
Luca Brink-Bredella	How Does Temperature Affect the Elasticity of Polymers	Boston Latin School
Maya Seide	Can Gel Electrophoresis Be Used To Identify Fruit By Its DNA?	Boston Latin School
Simon Hay-Sutton	Shine A Light On Ultraviolet rays	Boston Latin School
Sophie Shepherd	Crack! Crash Test Eggs	Boston Latin School
Weian Xue	How Does Color Affect Memory?	Jackson/Mann K-8

Second Place Junior Division (Project)

Atticus Scovel	How mass affects rate of descent	Boston Latin School
Clara Ryan	Does Screen Time Affect Sleep Patterns?	Boston Latin School
Henry Tisdalle	How do you become a successful Boston Latin student?	Boston Latin School
Kate O'Riordan	Colors of Fire	Boston Latin School
Kevin Wang	What is the effect of the surrounding environment's humidity on a PC's performance?	Boston Latin School
Luis Bullock Gonzalez	Changes in the behavior of Zoo housed primates during the COVID pandemic	Boston Latin School
Rahul Bansal	How does quarantine affect introverts versus extroverts?	Boston Latin School
Thomas Blanchet	Fencing Strikes and Accuracy	Boston Latin School

Third Place Junior Division (Project)

Aiden McCue	What is the best way to prevent Erosion?	Boston Latin School
Bryson Guthrie	The sound of music	Boston Latin School
Gabriel Gutlerner	How does age affect problem solving?	Boston Latin School
Isabel Sheppeck	The Affects of Cardio Exercise on People Ages 10-13's Moods	Boston Latin School
Joplin Murphy	Mountain Bike Science	Boston Latin School
Josephine LoRusso	Carbonated Water and it's Effects on Plant Growth	Boston Latin School
Lucas Kriscenski	DIY water distiller	Boston Latin School
Oliver Murphy	Mountain Bike Science	Boston Latin School
Quinn Bowles	Which Guitar Pickups Convert Sound Most Efficiently?	Boston Latin School



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Honorable Mention Junior Division (Project)

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Anjuli Patel	pH vs. Location	Boston Latin School
Annabelle Ahearn	Will It Rise?	Boston Latin School
Aoife Bourke	Does our choices affect our trustworthy percent?	Boston Latin School
Brandon Flores	Fuel's Carbon Emission	Boston Latin School
Hossam Salhi	How will different amounts of sunlight affect a radish seeds growth?	Boston Latin School
Larry Nguyen	Catapult canyon	Boston Latin School
Lianna Suero	What magnification lens makes a stronger telescope?	Boston Latin School
Matilda Sanchez	Germination Station	Boston Latin School
Ryan Houston	Paper Towel Brand Cost-Effectiveness	Boston Latin School
Sophia Loconto	Lack of eggs in baked goods	Boston Latin School

Promising Scientist Proposal Award

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Bix SteelFisher	How would the size and surrounding water temperature affect the melting rate of a saline ice-cube? What does this have to do with global warming?	Boston Latin School
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MA Region VI/Boston Public Schools Citywide Science & Engineering Fair  
High School (Senior) Division

Christa McAuliffe Grand Prize Award

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John Lin	Detecting Differential Transcription Factor Binding Using Single-Cell DNA Accessibility	Boston Latin
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First Place Senior Division (Projects)

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Alice Liu	Quantum Annealing - Simulated Protein Folding for Drug Discovery	Boston Latin
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Second Place Senior Division (Projects)

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Alex Xu	The Effect of Covid-19 on the Air Filtration Systems in the Train System	Boston Latin
Feodora Etelier	Texture of an Ice- cream, relating to amount of salt	O'Bryant School Math/Science
Jessica Nguyen	Texture of an Ice- cream, relating to amount of salt	O'Bryant School Math/Science

Third Place Senior Division (Projects)

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Davyahna Eldridge	Chlorine Bleach v. Common drinks	O'Bryant School Math/Science
Emily Depina Londono	Clorox vs. Store brand	Boston Latin Academy

Promising Scientist Award

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Emma Lu	Study of Epigenetic Change in Escherichia coli Due to Stress Under Nitrogen-Limiting Conditions	Boston Latin
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First Place Senior Division (Proposal)

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Christina Wong	Impacts of Covid 19 on Sleep	Boston Latin
Mathena Nguyen	Impacts of Covid 19 on Sleep	Boston Latin