



**Boston/MA Region VI STEM Fair
Middle School (Junior) Division**

American Psychological Association Award

Michael Bui	How does the environment affect animal behavior?	Boston Latin School
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Lemelson Early Inventor Prize

Helena Kopans	From Our Oceans to Your Homes	Boston Latin School
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NASA Earth System Science Award

Sekou Kone	Batteries vs Solar Power: The Fight for Power!	Dearborn STEM Academy 6-12
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National Oceanic and Atmospheric Administration

CHELSEA BATEMAN	The Effects of Pollution on Vernal Pools in Urban Areas: A Comparison of Runoff Collected Near a Certified and Non-Certified Vernal Pool	Boston Latin School
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Society for In Vitro Biology Award

Ashton Edwards	Healthy Pregnancy	Dearborn STEM Academy 6-12
Esther Jones	Healthy Pregnancy	Dearborn STEM Academy 6-12

Thermo Fisher Scientific Junior Innovators Challenge Nominees

CHELSEA BATEMAN	The Effects of Pollution on Vernal Pools in Urban Areas: A Comparison of Runoff Collected Near a Certified and Non-Certified Vernal Pool	Boston Latin School
Olivia Chen	Bioluminescence of A Glowing Algae	Boston Latin School
Qinghe Zhao	Bioluminescence of A Glowing Algae	Boston Latin School
Sapna Malhotra	How Clean Is Our Drinking Water? A Detection of Impurities in Water Sources Throughout Boston and other Cities.	Eliot, John K-8
Tajjah Beard	Effect Of Ampicillin On Bacterial Growth	New Mission

United States Air Force Award

Mark Gemmett	Solar Activity v. Radio	Boston Latin School
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Sanofi Speciality Care Award

Carwen Simoneau	What is the effect of salinity on the microscopic organisms in a freshwater sample	Kilmer, Joyce K-8
CHELSEA BATEMAN	The Effects of Pollution on Vernal Pools in Urban Areas: A Comparison of Runoff Collected Near a Certified and Non-Certified Vernal Pool	Boston Latin School
Olivia Chen	Bioluminescence of A Glowing Algae	Boston Latin School
Qinghe Zhao	Bioluminescence of A Glowing Algae	Boston Latin School
Soleil Desai	Lost Senses	Eliot, John K-8
Tajjah Beard	Effect Of Ampicillin On Bacterial Growth	New Mission



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Christa McAuliffe & Cabot Corporation Grand Prize

Sapna Malhotra	How Clean Is Our Drinking Water? A Detection of Impurities in Water Sources Throughout Boston and other Cities.	Eliot, John K-8
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First Place Junior Division (Project)

Brian Xu	Effects of Screen Time on Sleep Quality	Boston Latin School
Carwen Simoneau	What is the effect of salinity on the microscopic organisms in a freshwater sample	Kilmer, Joyce K-8
CHELSEA BATEMAN	The Effects of Pollution on Vernal Pools in Urban Areas: A Comparison of Runoff Collected Near a Certified and Non-Certified Vernal Pool	Boston Latin School
Ifunanyachukwu Okafor	The Comparison Between Martian Soil and Potting Soil	Boston Latin School
Olivia Chen	Bioluminescence of A Glowing Algae	Boston Latin School
Qinghe Zhao	Bioluminescence of A Glowing Algae	Boston Latin School
Soleil Desai	Lost Senses	Eliot, John K-8
Taijah Beard	Effect Of Ampicillin On Bacterial Growth	New Mission

Second Place Junior Division (Project)

Aditya Tangella	The Greenhouse Effect	Boston Latin School
Anna Carey	The Playdoh Preference	Eliot, John K-8
Emerson Ohashi	The Effect Of A Condition On A Plant's Growth	Boston Latin School
Kevin Nguyen	The Energy Of The Wind Turbine Blades	McCormack, John W. Middle
Lana Nguyen	How does geography affect colorblindness probability?	Boston Latin School
Lazar Veljkovic	Air-exposed liquids	Boston Latin School
Mark Gemmett	Solar Activity v. Radio	Boston Latin School
Ottavia Vespignani	The Playdoh Preference	Eliot, John K-8
Puong minh ha	The Energy Of The Wind Turbine Blades	McCormack, John W. Middle
Seren Banner-Goodspeed	Orca Health in Captivity and the Wild	Boston Latin School

Third Place Junior Division (Project)

Ashton Edwards	Healthy Pregnancy	Dearborn STEM Academy 6-12
Austin Xu	the effect of weight on speed	Kilmer, Joyce K-8
Cooper Bryant	Does battery charge affect the performance of toy combat robots?	Kilmer, Joyce K-8
Ella Blanchet	Optical Illusions: What Affects How We See Them	Boston Latin School
Esther Jones	Healthy Pregnancy	Dearborn STEM Academy 6-12
Helena Kopans	From Our Oceans to Your Homes	Boston Latin School
RAMONA FIX	Optical Illusions: What Affects How We See Them	Boston Latin School
Ruslana Roshchin	How do different materials affect the speed?	Kilmer, Joyce K-8
Sarah Cao	How Does Age Affect Graying of Hair?	Boston Latin School
Sekou Kone	Batteries vs Solar Power: The Fight for Power!	Dearborn STEM Academy 6-12



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Honorable Mention Junior Division (Project)

Alete Francis	Liquid fertilizer VS no fertilizer	Dearborn STEM Academy 6-12
Eldi Danglli	Vinegar On Plants	Kilmer, Joyce K-8
Elijah Geer	Does the Amount of Soil Affect How Tall a Plant Grows?	Dearborn STEM Academy 6-12
Fabio delgado	Which Herb Grows the Fastest?	Dearborn STEM Academy 6-12
Jariel Osorio	Athletes Lungs	Dearborn STEM Academy 6-12
Kiana Lopes	Water Filters	Dearborn STEM Academy 6-12
Michael Bui	How does the environment affect animal behavior?	Boston Latin School
Nathalie Pitamber	Salinity and Buoyancy	Holmes Elementary School
Renee Johnson	Water Filters	Dearborn STEM Academy 6-12
zavion alvarez	Athletes Lungs	Dearborn STEM Academy 6-12