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BART Students Excel at Regional and State Science Fairs

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Eleventh grader Tyler Either made BART history this weekend when he took third place in the Massachusetts State Science & Engineering Fair at the Massachusetts Institute of Technology. Tyler's project was on Diamagnetic Water Filtration – he designed a method using magnetic fields to remove nitrogen compounds from wastewater in an effort to prevent the harmful eutrophication of lakes, rivers and the ocean. Tyler set out to craft a solution last year after taking an environmental science class where he learned about eutrophication, the process where excess fertilization in water leads to unrestrained growth of algae and other phytoplankton and can lead to “dead zones” without oxygen. In addition to recognition and pride, Tyler received a \$150 prize.

Meanwhile, ten of BART's 7th and 8th graders attended the Region 1 Middle School Science Fair that was held at the Massachusetts College of Liberal Arts (MCLA) on Saturday. Vincenzia Alicandri (grade 7) received honorable mention for her project on "Solar Panel Output vs. the Function of Color of Light" and Zachary Bettis (grade 8) won third place for his project "Garbage Plants." Both have qualified to move on to the MA State Regional Science Fair to be held next month in Worcester, MA.

“What’s remarkable is how independently the students worked to develop their projects and how much of an impact their ideas are having on the world around them,” as Science Team Leader Miles Wheat reflected.

BART is a nationally recognized, award-winning, tuition-free public middle and high school focused on preparing students for college. One hundred percent of BART's graduates have passed a college course and have been accepted into college prior to graduation. BART does not discriminate in admission to, access to, treatment in, or employment in its services, programs or activities, on the basis of race, color, religion, national origin, sex, disability, gender identity, sexual orientation, homelessness or age.