



NESEA

The Northeast Sustainable Energy Association



*IMAGINING TOMORROW: ALTERNATE ENERGY FUTURES*

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## PRESS RELEASE

### For Immediate Release

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## Massachusetts Students Receive "Clean Energy" Awards at High-School and Middle-School Massachusetts State Science and Technology Fairs

GREENFIELD, MA —June 3, 2007 —The Northeast Sustainable Energy Association (NESEA) is delighted to announce the winners of the "Clean Energy Awards" presented as part of the 2007 *IMAGINING TOMORROW* program at each of the Regional Massachusetts State Science and Technology Fairs, and at the State Middle-School Fair, held June 2, 2007.

Each award went to the best project connected to any aspect of clean energy. Examples of such projects were clean-energy technologies, efficiency analyses, and understanding global climate, including system dynamics and non-linear behavior. The awards were given based on the relevance of the project itself and the overall rating from the Science Fair judges.

The winning high-school teams received a \$125 cash award, a certificate of recognition, and a "Visionary in Residence" t-shirt; the winning middle school teams received a certificate as well as a t-shirt.

More information on the "Clean Energy" award winners and their projects is available online at [www.itomorrow.nesea.org](http://www.itomorrow.nesea.org).

### *The Winners of the Clean Energy Awards at the High-School Regional Fairs Were:*

Region I (Western Massachusetts): *Ian Boyd, Mohawk Trail High School, Buckland, MA, "The Use of Closed Carbon Cycle Biomass Materials for Metallurgical Heating"*

Region II (Central Massachusetts): *Anna Chase, Wachusett Regional High School, Holden, MA, "The Alternative to Alternative Energy Solutions"*

Region III (Southwest Massachusetts): *Elizabeth A. Gringas, Bishop Feehan High School, Attleboro, MA, "Wind Turbines"*

Region IV (Northeastern Massachusetts): *Catherine Chan-Tse and Sarah Sterman, Lexington High School, Lexington, MA, "Better to Light One LED: Human-Powered Electric Generation"*

Massachusetts “Clean Energy Award Winners”, Continued

Region V (Southeastern Massachusetts): *Janoah Bailin, Falmouth Academy*, Falmouth, MA, “Mimicking Lake Nyos: The Solubility of Carbon Dioxide in Water”

Region VI (Boston): *Taufique Chowdhury and Jason Lu, Urban Science Academy*, West Roxbury, MA, “Solar Energy”

*The Winners of the Clean Energy Awards at the Middle-School Regional Fairs Were:*

Region I (tie):

*Christopher Bergeron, Michael E. Smith Middle School*, South Hadley, MA, “The Wonder of Water”

*Michah Botkin-Levy and Dylan Kay, Amherst Regional Middle School*, Amherst, MA, “The Effect of Temperature on a Sediment Battery”

Region II (tie):

*Paul Johnson, Bancroft School*, Worcester, MA “Hydropower Highlights”

*Geode Sibbick, Melican Middle School*, Northborough, MA, “Force, Wind, and Power”

Region III: *Julia A. Aparicio, Taunton Catholic Middle School*, Taunton, MA, “Non-Newtonian Fluids”

Region IV (tie):

*Sarah Jones and Lindsey Puglisi, St. Michael School*, North Andover, MA, “Biokleen vs. Tide”

*Timothy Plouffe, Fruit of the Spirit School (home school)*, “Which Battery Lasts the Longest?”

Region V (tie):

*Tommy Andrews, Millis Middle School*, Millis, MA, “What Materials Are Best For a Solar Heater”

*Anna Cocuzzo, Pollard Middle School*, Needham, MA, “From a Glacier to an Ice Cube”

*Erica Jobse, Newton Country Day School*, Newton, MA, “Twist and Dry”

Region VI: *Celixia Slayton, Jackson Mann*, Allston, MA, “Global Warming Effects”

Two Middle-School teams received cash awards at the State Level: Michah Botkin-Levy and Dylan Kay, Amherst, who were a first place team, and Hannah Alpert and Nimita Iyer, “D30”, from southeastern Massachusetts, who were a second place team.

Commenting on the Clean Energy awards program, *IMAGINING TOMORROW* director Mary Essary stated that “There were an impressive range of topics, some focusing on specific questions, and some with a completely holistic view of a problem. We are very proud of the curiosity, creativity, and scientific standards of these award winners; it gives us a great sense of hope and optimism about our future.”

The Clean Energy awards were supported by a grant from the Massachusetts Technology Collaborative Renewable Energy Trust. Award winners were included in the program and acknowledged at the general *IMAGINING TOMORROW* awards reception held at Genzyme Center on May 11<sup>th</sup>.

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