



NESEA

The Northeast Sustainable Energy Association



**IMAGINING TOMORROW: ALTERNATE ENERGY FUTURES**

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## PRESS RELEASE

### For Immediate Release

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## "Clean Energy" Awards Received by High-School and Middle-School Massachusetts State Science and Technology Fairs

GREENFIELD, MA —May 23, 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.

Each award went to the best project connected to any aspect of Clean Energy. This included 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 Winners of the Clean Energy Awards at the High School Regional Fairs Were:*

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

Region II (Central Massachusetts): *Anna Chase, Wachusett Regional High School, Holden, MA, for "The Alternative to Alternative Energy Solutions"* (a combination wind and solar project)

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

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

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

Region VI (Boston): *Taufique Chowdhury & Jason Lu, Urban Science Academy, West Roxbury, MA, for "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" (A portable solar still)*

*Michah- Botkin-Levy & Dylan Kay, Amherst Regional Middle School, "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 & Lindsey Puglisi, St. Michael School, North Andover, Ma, "Biokleen vs. Tide"*

*Timothy Plouffe, Fruit of the Spirit 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"*

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

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 winner; 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>. In addition, all science fair award winners will be listed with biographical information, photos, and abstracts of their projects online.

For more information, see [www.itomorrow.nesea.org](http://www.itomorrow.nesea.org).

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