



# The Foresight Project Inc

## *Clean Technology Awards*

### PRESS RELEASE

For Immediate Release

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### **More “People We Have Been Waiting For”<sup>1</sup>: High-School Student Clean Technology Award Winners Announced**

HARVARD, MA / April 9/--The twin challenges of climate change and providing sufficient energy sources for the world’s growing economies are dramatically changing the face of science. In recognition of this fact, for the second year, The Foresight Project has given Clean Technology Awards at each of the Regional Massachusetts State Science and Engineering Fairs. The awards go to qualifying projects related to clean energy issues, technologies, or solutions.

The Regional Massachusetts Awards went to:

Western, Region I: Simone Olivieri, a freshman at Taconic in Pittsfield, for “Creative Glass Recycling”.

Central, Region II: Ross and Ryan Lagoy, a freshman and sophomore team (brothers) from Leominster, for “Solar Thermal Electrical Chemical Fuel Generator”, Recognition also went to Scott Todd, a freshman at Framingham for “Increasing Wind Turbine Efficiency: The Effects of Shrouds and Mixer-Ejectors”.

Southwestern, Region III: Manasi Malik, a freshman at Bishop Feehan in Attleboro, for “The Efficiency of Cellulosic Ethanol Production”.

Northeastern, Region IV: Sam Melton, a junior at Lexington High School, for “Anode Composition and Cost Efficiency of Microbial Fuel Cells”.

Southeastern, Region V: Derek Basler, a sophomore at Plymouth High School for “The Photosynthetic Process of C3, C4, and CAM Plants and Their Effects on Greenhouse Gases”. Recognition also went to Lauren R. McGough, a senior at North Quincy High for “Fluid Dynamics: Computational and Experimental Methods for a Variety of Flows” and to Samantha L. Pickette, from Stoughton High School, for “Home is Where the Heat Is: The Effect of Various Insulating Materials on a Home’s Ability to Retain Heat”.

Boston, Region VI: Edwin Perez-Clancy, a junior at John D. O’Bryant in Roxbury, for “Rating the Efficiency of Electric Motors”.

In commenting on the awards, program director Mary Essary said: “It is delightful to see so many projects coming from the younger students. And it is even more encouraging to see, in just one year, the increase in the quantity, quality, and range of projects that qualify for this award.”

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<sup>1</sup> Quote taken from Thomas F. Friedman, editorial in NY Times, December 2007.



“Twenty-first century science promises to be a most exciting time; it demands that we look inside systems to understand the interactions and dynamics. In addition to the research taking place at the frontiers of clean energy, we are also in a new “age of invention” where old ideas are being resurrected and reshaped; we are reexamining almost every aspect of our material world.”

“It is wonderful that these students recognize and are helping others become aware of the myriad opportunities that await them in the clean technology industry which is now the fastest growing job sector in the Commonwealth, from skilled “green collar” workers in the construction and installation community to the most academic research scientists. We congratulate them, their parents, teachers, and mentors on the fine work that they are doing.”

The projects will all advance to the State MSSEF competition ([www.scifair.com](http://www.scifair.com)), which will take May 1-3<sup>rd</sup> at MIT; the projects will be on display and open to the public on May 3<sup>rd</sup>. Two additional awards will be given at the state level. Awards are also being given at the Middle School State Science and Engineering Fair; the regional fairs will end in early May. All award winners will be recognized at the *IMAGINING TOMORROW*<sup>™</sup> ([www.itomorrow.theforesightproject.org](http://www.itomorrow.theforesightproject.org)) Awards Reception, to be held at Genzyme Center in Cambridge, generously sponsored by Genzyme Corporation.

The Clean Technology Awards are made possible by The New England Clean Energy Council and the Boston Energy Solar Energy Association, with additional funding from the Massachusetts Technology Collaborative.

The Clean Technology Awards and *IMAGINING TOMORROW* creative writing and video contest are both programs from The Foresight Project, Inc., formed in the fall of 2006; its mission is to build connections between high-school and other students with their own future world. For more information, please visit [www.theforesightproject.org](http://www.theforesightproject.org).

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