



FOR IMMEDIATE RELEASE

Contact: Harrison Potter, Media Director. 978.460.4358 / media@ctsciencefair.org

News for Danbury, Fairfield, Greenwich, Hamden, and Shelton

Connecticut Students Earn Recognition at International Science Competition

OSWEGO, N.Y., July 9, 2015 – Nine Connecticut students took home awards from the GENIUS Olympiad, hosted by the State University of New York at Oswego, June 14-19. The students, all of whom are alumni of the Connecticut Science & Engineering Fair (CSEF), entered their projects in the science category of the international, multidisciplinary fair that has risen to prominence in the academic community as a place for youth to showcase their talents.

GENIUS Competitors Sponsored by CSEF

- **Bronze** – Bryce Anderson, of Greenwich, a junior at Greenwich High School.

EFFECTIVE OPTIMIZATION OF BIOGAS PRODUCTION THROUGH ALPHA AMYLASE UTILIZATION

- **Honorable Mention** – Christopher Hwang, of Danbury, an 8th grader at Danbury's Westside Middle School Academy.

UVC LIGHTING AS A SUPPLEMENTAL METHOD OF PRESERVATION IN REFRIGERATORS TO REDUCE ENERGY CONSUMPTION

- **Honorable Mention** – Laura Mocchiola, of Shelton, a freshman at Hamden's Sacred Heart Academy.

THE EFFECTS OF GREY WATER ON A VARIETY OF GRASS SPECIES

GENIUS Competitors Who Entered Independently

- **Gold** – Vijay Kadiyala, of Greenwich, a junior at Greenwich High School.

TARGETED RELEASE OF MORINGA OLEIFERA CATIONIC PROTEINS FOR THE REMEDIATION OF AQUEOUS POLYCHLORINATED BIPHENYLS

- **Gold** – Lauren Low, of Hamden, a rising Junior at New Haven’s Engineering and Science University Magnet School.

THE OPTIMIZATION OF CONDITIONS FOR AN ENZYMATIC BIO-BATTERY

- **Gold** – Nicholas Szabo, of Greenwich, a junior at Greenwich High School.

INVESTIGATION OF TRANSITION METAL BASED ACETYLACETONATE SPECIES FOR OPTIMIZED PERFORMANCE OF HYBRID NON AQUEOUS REDOX FLOW BATTERIES

- **Silver** – Martha Haddad, of Danbury, a sophomore at Danbury’s Immaculate High School.

UNPRECEDENTED GLYCEROL FREE BIODIESEL PRODUCTION USING ENZYME CATALYSIS

- **Bronze** – Abigail Kelly, of Shelton, a senior at Hamden’s Sacred Heart Academy.

A METHOD TO MINIMIZE DISEASE IN WEST AFRICA: CONVERTING THE SPOILED, UNMARKETABLE PORTION OF FRUIT CROPS IN SIERRA LEONE, GUINEA, AND LIBERIA INTO ETHANOL FOR DISINFECTANT USE

- **Bronze** – Daniel Munteanu, of Fairfield, a graduate of Bridgeport Aquaculture School.

APPLICATION OF THE NEAR-IR LUMINESCENCE PROPERTY OF EGYPTIAN BLUE AND RELATED ALKALINE EARTH METAL COPPER SILICATE (MCUSI4O10 -BACUSI2O6) IN INFRARED TECHNOLOGY (IR)

The Connecticut Science & Engineering Fair is made possible by grants, volunteer support, and by contributions from commercial and individual supporters.

#

For more information on GENIUS Olympiad and a complete listing of all winners, please visit www.geniusolympiad.org

For more information on the Connecticut Science & Engineering Fair and its participants and activities, please visit www.ctsciencefair.org