

## Newsletter #1

### **Hello Science Fair Friends and Sponsors,**

The winners of the Connecticut State Science Fair and the Science Horizons Regional Fair will be heading to The Intel International Science and Engineering Fair (ISEF), Indianapolis, this Sunday, May 7, for the week long competition featuring 1,497 of the world's brightest high school science and engineering students from 43 countries competing for more than two million dollars in awards.

It is a tradition of our fair to provide newsletters detailing the adventures of our group for our sponsors and friends. The newsletters will be emailed to you in advance of being posted on the fair's website. A limited number of photos will be attached.

There will be approximately five email newsletters, one for each major event. Student abstracts, bios, and photos will be included in future newsletters and available through the ISEF Week website:

[http://members.cox.net/ct\\_isef/ISEF2006.shtml](http://members.cox.net/ct_isef/ISEF2006.shtml)

For information about the Intel ISEF: <http://www.sciserv.org>

If you need additional information beyond that provided, please let us know.

The Official party includes:

### **Connecticut State Science Fair-**

#### Students:

**Jason Clain**, 16, Junior, Greenwich High School, Greenwich “A Novel Non-Invasive Method for the Early Detection of Malignant Melanoma”

**Pratistha Koirala**, 17, Senior, Edwin O. Smith High School, Storrs “Tracking the Localization of AVP1 in Arabidopsis Thaliana Tissue”

**Jonathan Sellon**, 18, Senior, Staples High School, Westport “Modelling Auditory Attention by Implementing IHC Movement into Frequency Selectivity of the Inner Ear: a Novel Approach to Stimuli Separation”

**Alex Capecelatro**, 18, Senior, Brewster High School, Brewster, NY, “Nanoengineering Aerogel for Insulin Insulation”

#### Adults:

**Wynn Muller**, ISEF Coordinator, CT Science Fair; **Sandra Muller**, President, CT Science Fair; **Jean-Pierre Dionne**, Board Member, CT Science Fair; **Bob Wisner**, Fair Director, CT Science Fair

## **Science Horizons Regional Fair-**

### Student:

**Drew Taylor** , 16 Junior, Newtown High School, Newtown, "Comparing Salt Marshes on the Long Island Sound Using Health Indices in *Fundulus heteroclitus*"

Teacher: **Mr. Frank LaBanca**, Science Teacher, Newtown HS and CT Science Fair Advisory Council

On behalf of our Board, Officers, and Executive Committee, thank you for your support of the 2006 Connecticut Science Fair. We hope that you enjoy the adventures of our ISEF finalists as they experience the largest of all science and engineering competitions.

Bob

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If you would rather not receive these mailings, send us a "no thanks" when you receive this announcement.

### **\*\*\*\* Late Breaking News \*\*\*\***

## **44th National Junior Science & Humanities Symposium**

**April 26-30, 2006 Albuquerque, New Mexico**  
**Just in from Joy Erickson, Co-Director, CT-JSHS**

**Jonathan Sellon** won 1st place in the Computer Science and Mathematics section. This prestigious award comes with an additional \$16,000 undergraduate tuition scholarship (he won \$2,000 at the regional) and an expense-paid trip to the London International Youth Science Forum, an exchange program bringing together over 400 participants from 60 nations. This trip will take place from July 26 - August 9, 2006. **Kathleen Farley** from Darien High School presented in the Medicine & Health/Behavioral Sciences category.

Representing Connecticut as participants were **Jason Clain** from Greenwich High School, **Antonella Lisanti** from Staples High School and **Nina Lintermans** from Staples High School. **Sandra Justin** from the University of Connecticut NEAG school of Education was the official chaperone. **A. Ray Hamilton** from Greenwich High School attended as the winner of CT JSHS teacher award for 2006. **Joy Erickson** represented the Northeast region of the U.S. as a member and secretary for the Regional Directors Executive Council for the National JSHS and as the CT-JSHS Co-Director.

For more information on the National JSHS, log onto the following web site:

<http://www.jshs.org/>

See the CTJSHS website for details on their program at:

<http://vm.uconn.edu/~CTJSHS>

### **Water Environment Federation (WEF) 2006 Connecticut Winner of the Stockholm Junior Water Prize (SJWP) Competition**

**Maricate Conlon**, Grade 11, Newtown High School, Sandy Hook, CT, Advisor, **Mr. Frank LaBanca** "Impact Chitin Bioremediation on Heavy Metal Contaminated Soil and Wastewater"

The Water Environment Federation (WEF) and its member associations organize the U.S. national, state, and local SJWP competitions with support from ITT Industries and The Coca-Cola Company. WEF member associations select state SJWP winners and sponsor the student, and student's science teacher to attend the national competition. In 2006, the U.S. competition will be in Atlanta, Georgia June 22-24, hosted by the Georgia Association of Water Professionals. WEF Member Associations selected and will sponsor state winners to enter the national competition in Portland, Oregon, June 16-18. The U.S. winner will receive \$2,500 and an all expense paid trip to Stockholm, Sweden for the international competition.

<http://www.StockholmJuniorWaterPrize.org>.

Newtown High School Students of Mr. Frank LaBanca were state winners in 2005 and 2006. This is the third year for Mr. LaBanca and Newtown, HS! Students must participate in the CSF to be selected for this competition.