

## ECOTEK Scientists Participate in 2012 Navy Week-Detroit



On September 8, 2012 students from Ecotek Lab participated in Navy Week-Detroit. The event was hosted by the US Navy and General Motors in the Winter Garden section of the Renaissance Center. It was attended by over 5,000 people over a period of seven days.

While onsite, student scientists presented information to visitors regarding their research experiences. Dhareus Franks shared information about his zooplankton study on Lake Superior, while Raynisha Pannell and Bria Harris performed food chemistry experiments (e.g. glucose isolation).

Briana Young shared information about her soy milk research, while Colin Wilson and Gabriel Dixon presented information on proper techniques for maintaining and breeding Russian Tortoises (*Agrionemys horsfieldii*) and Red Eared Slider Turtles (*Trachemys scripta elegans*) in captivity. Amber Young, Jayla Hubbard, Malik Bassett, Destiny Graves and Janay Johnson, showed off the rat neural stem cells and bacteria that they engineered in the lab.

Jett Hampton talked about the work he did during the summer on climate change in the Florida Keys and Everglades, while Danielle Young demonstrated the use of a variety of environmental measurement devices. Chandler Harris, Jenna Snapp, Evan Morton, Miles Frierson, Sharvina Goodson and Kayla Young demonstrated the science behind biopolymers, polyurethane and super absorbent resins, while Miguel Kendricks and Daniel Hudson, both members of the alternative energy team, showed visitors how to generate power using solar, wind, bioenergy and thermodynamics systems.

### About the Ecotek Science Program

Ecotek is a science research lab program for young inventors and researchers in grades 5 thru 12. Student scientists work on projects aligned with the issues being addressed by world leaders at the United Nations. To learn more about Ecotek Lab go to <http://www.ecotek-us.com>

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