

*For Immediate Release*

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**Contact: INSciTE  
Fred Rose  
612-386-7106  
fred.rose1@comcast.net  
www.hightechkids.org /?2-1-1014**

**Adventium Labs  
Bonnie Bennett  
111 Third Avenue South  
Suite 100  
Minneapolis, MN 55401  
(612) 720-4960  
bonnie.bennett@adventiumlabs.org  
www.adventiumlabs.org**

**Team Contact: Beth Whillock (mother)  
Beth.Whillock@seagate.com  
612-328-2101 (cell)**

### **Local High School Students Present Research at International Conference**

Six local high school sophomores will present results of their recent research at an international conference next week. Five of the students from Shoreview will travel to Santa Clara, California to present their findings at Nanotech 2007, an international research conference sponsored by the Nano Science and Technology Institute (<http://www.nsti.org/Nanotech2007/>).

The team, all girls, includes:

Katherine Andrews, Mounds Park Academy, Sophomore  
Martha Clark, Moundsview High School, Sophomore  
Camille DeMeireles, Moundsview High School, Sophomore  
Shaked Peleg, Moundsview High School, Sophomore  
Abigail Taylor, Moundsview High School, Sophomore  
Amy Whillock, Moundsview High School, Sophomore

Of the team, five of the six students will make the trip.

Their paper entitled, "Designing Nanotechnology-enabled Environmentally Sustainable Desalination Systems," will appear in the poster session of this conference scheduled for Tuesday afternoon, May 22, 2007. It outlines their design for using nanotube membrane

filtration for desalinization of seawater that is more environmentally-friendly than current systems.

These students won the Minnesota State High School Robotics competition sponsored by INSciTE (Innovations in Science and Technology Education) a Minnesota non-profit organization that sponsors science competitions. This high school competition included a research challenge sponsored by Adventium Labs, a local, high tech research and development company. The winning research team had the opportunity to work with the scientists at Adventium Labs in an effort further their research work. The scientists mentored the students regarding research publications and means to advance their work. The high school students submitted an abstract of their research to Nanotech 2007 and it was accepted. It was accepted in a competitive review process and they will be presenting a poster among some of the world's researchers in nanotechnology.

Fred Rose, founder and president of INSciTE, said, "Nanotech 2007 is a prestigious research conference for serious nanotechnology professionals. This is totally amazing, and unheard of for high school kids (especially 10th graders) to get accepted at something like this."

Bonnie Holte Bennett, CEO of Adventium labs was quoted as saying, "this group of scientists is a remarkable set of talented young scholars. We are delighted to be working with them, and proud to have them represent us."

Photos of the team during the competition are attached.

#### About **INSciTE**

Innovations in Science and Technology Education (**INSciTE**) is a 501(c)(3) non-profit corporation. Founded in November of 1999, INSciTE seeks to promote science and technology education for K-12 youth through experiential learning and partnerships with workplace technical professionals, primarily scientists and engineers.

#### About **Adventium Labs**

**Adventium Labs** is a non-profit R&D lab focused on advanced software applications for complex systems, the human-system interaction, and the architectures needed to support the technologies. **Adventium Labs'** charter includes scientific research, creation of intellectual property, and the publication and transfer of technology to generate value for its sponsors and to create high-tech jobs and companies in Minnesota.