Fourth Former wins science competition

Jean Garnett, Mar 4 2010

Fourth Former Annie Imbrie-Moore took first place in the Environmental/Earth Space/ Behavior/Social Science division of the New Castle County Science Expo, a competition of student-conducted experiments and research projects. Her project, “The Mystery of the 100,000 Year-Old Ice Age Cycle,” explored the connection between ice core data and Earth's orbital dynamics over the last several million years, specifically a recurring 100,000-year cycle. She worked on this project during the fall with her advisor, physics teacher Mark Hammond, in lieu of a sports commitment. Her father, John Imbrie, provided essential guidance on the mathematics. This winter, while also participating in Mock Trial, she finished the project.

The New Castle County Science Expo is a competition that challenges middle and high school students to explore the world around them using the scientific method. Students perform hands-on research and share the results of their experiments with their peers, teachers and others in the field. More than 100 members of the community annually volunteer as judges in their area of expertise. They evaluate the projects and question students about how they arrived at their scientific conclusions, then award prizes in each category.

In addition to taking first place in her category, Annie’s project also won “Best in Show” for high school participants across all 15 categories, a testament to her conscientious and compelling work. She will accompany a select group of winners to the regional Delaware Valley Science Fair in Philadelphia in April. Winners from the Delaware Valley fair are invited to attend the International Fair, usually held in May.