The Effect of An External Wind Diverter on a Wind Turbine

coach. This coming fall she is going to attend Brown power generated from a wind turbine. Aside from the Science Research Program, she took part in the ACE Mentor Program at University. Her long term goal is to go to medical school to become a surgeon. In this way, she will be able develop scientific volunteered as a CYO basketball she looked into various applications that might make a difference in the real world. This search eventually led to her present project: The Effect of an Wind Turbine. Interested in how things work, Esmeralda and her tested an apparatus that would divert wind conditions the apparatus had the potential to double the amount of Con Edison, the Integrated External Wind Diverter on a energy to the wind turbine. It was ater concluded that under ideal Esmeralda Montas took Science Research to see if she could bring some of her ideas into fruition. interested in pursuing mechanical engineering, applications to help save lives. Association, prother, Enrique, a student Science

THANK YOU

The Seniors wish to thank administration, and especially our program director, Ms. Mallia.

Junior Research Paper Presentations

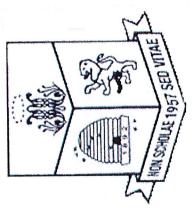
- [1] Sleep Deprivation and False Memories Bahey Abou-Hussein
- [2] Immobilization and Functional Treatment for Acute Lateral Ligament Injuries
 Emmanuel Adeyele
- [3] Rapid and Long-lasting Learning of Feature Binding Gabriella Ali
- [4] Artistic vs. Analytical Jessica Antal and Sonalia Balli
- [5] The Correlation Between Fingerprints and Athletics

 Samantha Madray
- [6] Nkx Gene Regulate Heart Tube Extension and Exert Differential Effects on Ventricular and Atrial Cell Number
- Daniel Babet
 [7] The Effect of Multiple Heat Sources on
 Exomoon Habitable Zones

Adam Reyes

- [8] Effectiveness of Using I-Pads to Increase Academic Task Completion by Students with Autism Marco Vittozzi
- [9] Eye See You
- Sabrynne Nicole Yu
- [10] RA: Prosthetics and Techniques in Repair of Animals' Abdominal Walls
 Lilliana Zakrzewski

Science Symposium



Archbishop Molloy High School

May 16, 2017

Meet the Seniors

The Sound of Chess

interests. During high school, he enjoyed playing chess after school in engineer. His long term goal is to getting a job as a mechanical mechanical engineering and minor in definitive. Regarding the future, Hobie will attend StonyBrook collected before the results can be However, more data has to were more likely to win the game. to music while playing chess, they results show that when people listened the means of measurement. The how a person performs with chess as their project called The Sound of led to Hobie's partnership with Julio Ruiz-Diaz and Calista Requijo on at the same time until recently. This during his free time or while studying. to work on a project involving his Hobie Legaspi took Science Research transportation. improve energy University. He plans to major in to test whether or not music affects Chess. The project was designed However, he hadn't tried doing both Chess Club and listening to music to develop ideas alongside peers, and engineering, efficiency eventually

From an early age, Julio Ruiz-Diaz took an interest in science. By participating in the Archbishop Molloy Science Research Program, he hoped to pursue a dream.

The Sound of Chess

Later in his high school career, Julio discovered a love of music. He decided that in order to make the most of his project, he had to include music. This led to the project idea for *The Sound of Chess*. He teamed up with his classmates, Hobie Legaspi and Calista Requijo. As for college, Julio is still unsure where he will attend, but knows that he wants to pursue Anthropology as his major. Maybe one day he will walk in the footsteps of his childhood hero, Indiana Jones.

singer and guitar player for nearly ten years. Many of her other interests lie sciences have always intrigued her, and so knowledge and research skills taken from musical aspect of the project, being a Chess. Julio Ruiz-Diaz in pursuit of The Sound of she joined forces with Hobie Legaspi and knowledge in scientific fields. Behavioral Science Research to build a successful from these positions, combined with the use the connections and social skills taken leader, and Spirit leader. Calista plans to is a Campus Ministry leader, Peer Group within her additional roles at Molloy. She liberal arts, Calista joined the Science Research Program to expand her Law track. Despite her interest in the University as an English major on the Pre-Calista Requijo will attend Binghamtor Calista also greatly enjoyed the

The Good, The Bad, The Linguistics

a project in linguistics because language, different genders, ages and the understanding of it, is a core part Biology and Geological Science. This, in tandem with the Science Research leader for the sophomores. In the Fall, Stephanie will be attending Tufts of what makes us human - a connectivity have helped her greatly. She chose to do Program, allows her to pursue a career in University to pursue a double major in Fossils, Astronomy, and Anatomy and member of the Science Olympiad nationalities. in vertebrate paleontology, and the foundations in Science Research will paleontology. She plans to attain a PhD Physiology. Also, she is part of the Peer Stephanie Constance Lechki hat resonates between Tutoring Program and a Peer Group participating in events like and even people

Archbishop Molloy basketball team. Science Research has taught her research, while also expanding her knowledge of linguistics. She enjoys basketball in college. Berenice will also be playing Division 1 Science Research Berenice is a 4 year member of the science and the areas related to her topic. minoring in History, she will be on a Pre year. Majoring in Political Science and leadership both off and on the court Berenice joined the Science Research Berenice Dupiton will be attending the Program Law track to become a state prosecutor. University to enhance her skills in Albany