



"Excellence Through Diversity"

ACADEMY UPDATE

SPRING 2010

Among many of our impressive **college acceptances** this year, including Princeton, Columbia, Howard, Spelman, and Stanford (3 acceptances!), we can now add Yale and Harvard to the prestigious list. In addition, our seniors have received to date over 3 million in scholarships/awards. Congratulations to all!

A senior was one of only 1000 scholars nation-wide who was awarded the prestigious Gates Millennium Scholarship. This is a "good through graduation" scholarship which provides funding for a full four-year degree. Established in 1999, the Millennium Scholars Program is funded by a grant from the Bill and Melinda Gates Foundation.

A junior was presented with two awards for her creative writing at a ceremony sponsored by the New Jersey Council of Teachers of English on April 19 in Scotch Plains. This student received a **First Place – Outstanding Award** for her short story "A Drop of Milk of Magnesia Doesn't Settle Anything." This story was also chosen for the highest honor, the **Governor's Award**, and recognition for this honor will be given at a state ceremony to be held at the end of April. She also received a second award for her essay, "Magic Between the Pages."

Forty-four **Future Business Leaders of America (FBLA)** members competed at the 2010 FBLA Regional Conference on January 7th at Mercer County Community College. An AE senior who serves as FBLA Northern Region Vice-President, presided at the event. Eleven students placed in their category and competed in the same category at the 2010 NJ FBLA State Conference at the Raritan Convention Center in March. One student placed **Fifth in New Jersey** in "Computer Applications," another placed **First** and another placed **Fifth** in New Jersey in "Parliamentary Procedure." The First Place student will represent both DMAE and New Jersey at the **FBLA National Competition** to be held in Nashville, Tennessee in July.

The **Model UN Team** competed at Yale University in January, and the young team plans to apply its first-year experience to competitions on a variety of college campuses next year.

Our **NJ Stock Market Game Teams** were honored at a luncheon on Tuesday, February 2nd, at William Paterson University. This year, our teams placed **First and Second in the State of New Jersey** from over 1,400 teams. Last year, we placed first and third state-wide. As of April 28th, our DMAE **Spring Stock Market Game Team** is in First Place in the State of New Jersey from over 2,500 teams who are competing. Results of this competition are expected by April 30th. This is quite an accomplishment!

On April 14th, three students went to NJPAC to participate in an engineering competition called the **Panasonic Creative Design Challenge**, sponsored by the Panasonic Corporation and co-managed by the New Jersey Institute of Technology. The team worked very hard for five months on the design of a "recycling" machine. Their efforts paid off and they won **4th place in the State of NJ**. The prize for the students was **\$2000 each in scholarship** and a Panasonic iPod docking station for each student and the Pre-Engineering Program manager, Mr. Gwenael Calvez, who advised the design team.

Five Academy juniors competed at a **Project Lead the Way** competition hosted by Rowan University and held at High Tech High School in Lincroft, NJ, on March 16th. Each team was provided with a packet of material and given a timeframe of two hours to develop a wind turbine and prepare an oral presentation. Our team brought home the **Prize for Best Presentation** for their creative design.

In January, students participating on the **Mock Trial Team** had the opportunity to argue their case at the Vincent J. Apruzzese Mock Trial Competition, a challenge that takes place over the course of three separate days at the Bergen County Superior Courthouse in Hackensack. They competed against the entire northern region of NJ as they argued their cases before local lawyers who volunteered as judges.

Forty-one students in the **Health Occupations Students of America (HOSA)** chapter participated in the regional competitions held at Passaic County Technical Institute in January and walked away with **11 awards**, with one senior winning the top place in the Medical Math category. In April the team went on to the state competition where the 11 students competed in their winning categories.

On February 25th, the **3rd Annual Sophomore Biomedical Science Fair** was held. Sophomore Biomed students had the opportunity to showcase their independent research projects to junior and freshman Biomedical students in the Dizzy Gillespie Auditorium. The presentations included a poster display and written lab report. Finalists gave an oral PowerPoint presentation on March 4th to determine the winners. A public presentation of the science fair will take place on the evening of May 19th.

AE students are tutoring our Englewood School District's younger students through a number of activities, including **Reading Buddies Club** (initiated by one of our seniors) with students from the Dr. John Grieco School and the **Mentoring Young Minds** elective and the **HS/MS Math Connections Club** (initiated by one of our freshman) with students from the Janis E. Dismus Middle School.

Nine Information Systems Academy students, ISA Teacher Mr. Ravitz and ISA Program Manager Mr. Dinallo attended the **New Jersey Web Design Competition** at the New Jersey Institute of Technology in Newark on March 19th. The students attending this competition gained valuable experience creating websites on demand with various requirements specified. They also had the opportunity to meet and interact with students from all over the state.

For the first time this year, students participated in the **French National Contest** sponsored by the Association of Teachers of French of the United States, and an Academy junior was one of the top winners, receiving the **9th Place Award** for her mastery of the French language.

On April 28th, **Former Mayor Michael Wildes** visited the senior Law and Public Safety Academy students to discuss immigration policy. The Bergen County Sheriff's Office K-9 Unit visited the sophomore Criminal Law class and demonstrated the use of trained dogs in police investigation.

During this school year, two students were accepted into **Bergen County Band**; three students were accepted into **Northern NJ Regional Chorus**; one was accepted into **Regional Orchestra**; nine were accepted into **Bergen County Chorus** and five students were accepted into **All-State Chorus**. Bravo!

UPCOMING EVENTS

On April 30th, the **Women Society of Engineers** is hosting a dinner and presentation for the aspiring female engineering students on our campus.

On Saturday May 8th, 12 students will be participating in the **SkillsUSA** competition in Somerset NJ. The students will be competing in web design, computer maintenance, CPR, technical drafting, technical math, architecture drafting, advertising design, public speech and carpentry.

During May 3rd through May 13th, ninety-seven **Advanced Placement** students will be taking 170 AP Exams for the 12 AP Courses offered this year. Students may qualify for college credit if they score a three or better out of five points on the exam. Good luck to all!

In addition to potential college credits earned as a result of Advanced Placement testing, 29 students will be earning college credit through the dual-enrollment courses offered this year, including *Anatomy and Physiology* (BCC), *Medical Terminology* (BCC) and *Physics* (NJIT).

On May 18th, three teams of students from the Biomed Academy, the IS Academy, and the Finance Academy will compete in the **Medibotics Design Challenge at NJIT** (The New Jersey Institute of Technology). Medibotics is the merging of the study of medicine, engineering and technology. Students develop a brief understanding of a human body system, and then build a robot that will perform a simulated 'surgery' related to that body system. A poster and oral presentation will be part of the competition. Last year we came home with the winning team!

Our first **Academy Showcase** is scheduled to take place on campus on Wednesday, May 19th, from 5:00 - 6:30 P.M. This is a unique opportunity for Academy students to share their work with parents and the school community and to celebrate their accomplishments from this year's projects, activities and competitions. All parents are invited to attend the Academy Showcase and to stay for the **Spring Concert** that follows that evening at 7 P.M. in the Dizzy Gillespie Auditorium.

Freshman Biomedicine Academy students are beginning their **Expert Series for Careers**. Professionals who have careers in medicine and science will come to our class and share their experiences with the students. We are looking forward to hearing from the following professionals: Dr. Ron Rockland , Biomedical Engineer from NJIT; Dr. Gillian George, an Optometric Physician in Englewood who is a DMHS Alum; Mr. Xavier Nelson Diaz from the Englewood Health Department; Dr. Matthew Krupnick , DVM from the Englewood Animal Hospital; Mr. Reggie Buggs, a medical technician from Englewood Hospital Medical Center; and Mr. Ken Capek, a respiratory therapist from EHMC. If you or someone you know would like to participate and share experiences from a scientific career, please contact Ms. Clare Kennedy, Biomedicine Program Manager.

MAY/JUNE CALENDAR OF EVENTS

May 3-13:	AP Examinations
May 13:	Art Show
May 17:	End-of-Course Biology State Assessment
May 18:	AE Class of 2014 Induction – 7:00 P.M.
May 19:	Academy Showcase – 5:00 to 6:30 P.M.
May 19:	Spring Concert – 7 P.M.
May 21:	Teen Arts
May 24:	End-of-Course Algebra I State Assessment
May 26:	Senior Prom
June 2:	Senior Awards
June 8:	French Honor Society Induction Ceremony
June 10:	Senior Exhibitions
June 25:	Graduation (2 P.M.) & Last Day of School for All Students

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