



The Academies at Wheaton High

Volume II Issue 1

August 2008

The Academy Programs

**Ninth Grade Academy
(NGA)**

**Academy of Engineering
(AOE)**

**Institute for Global and Cultural
Studies
(IGCS)**

**Academy of Bioscience and Health
Professions
(ABHP)**

**Academy of Information Technology
(AOIT)**

DON'T FORGET NINTH GRADE ORIENTATION IS

AUGUST 22, 2008

**ALL INCOMING
FRESHMEN ARE
REQUIRED TO ATTEND**

Welcome Class of 2012!

Congratulations on choosing The Academies at Wheaton High School. You are joining our family at a very important time. The class of 2012 will be the first full academy class in Wheaton Knight history. Practically every incoming freshman was required, and has chosen an academy program prior to enrollment. Just like many of you were the first to graduate from the middle school magnet consortium, you will also be the first to graduate from a four year academy pathway program at Wheaton High School. We are proud of our traditions and accomplishments and look forward to the new ones you establish. Over the past two years our academies produced a Gates Millennium Scholarship in Biomedical Science, Ivy League scholars attending

MIT, Cornell, the University of Pennsylvania and Brown Universities. Our 2007 and 2008 academy graduates were rewarded more than 3.2 million dollars in scholarships. Wheaton High School was rewarded three prestigious awards due to our academic success; the Metlife/NASSP National Break-through Award; the College Board, Asa Hilliard National Models of Excellence Award; the Maryland State Department of Education 2008 Career & Technology School of Excellence. Three of our academy teachers received teacher of the year honors from various professional organizations. We have partnerships with leaders of industry, science and technology such as, **Booz, Allen & Hamilton; Lockheed Martin; Clarke Con-**

struction Inc.; Microsoft; Northrop Grumman .

Our programs are linked to and supported by internationally renowned academic institutions; **Montgomery College, the University of Maryland Baltimore Campus (UMBC), Catholic University and Georgetown University.** Our local business community is increasing it's support through the **Wheaton/Aspen Hill Chamber of Commerce.**

The reason for all of this success is because of our students and teachers, some of the most committed, compassionate and motivated young men and women you'll ever want to meet, and we are proud to welcome you to our proud family.

Go KNIGHTS!

Ninth Grade Academy

Welcome to Wheaton High School! Your freshman year marks the start of a new learning experience which will lead you to a high school diploma and the tools that will prepare you for college and beyond. Please mark your calendar and plan to attend

Wheaton's Ninth Grade Orientation scheduled for Friday, August 22nd. The orientation will give you a chance to become familiar with the school building, the location of your classrooms and your class schedule before school begins. We will

top off the orientation with some ice cream and a chance to socialize with other students that will be attending Wheaton High School this fall. See you at the orientation!



"We highly recommend that parents monitor what students wear to school."

WHAT TO BRING AND NOT TO BRING?

Each course and academy is different and will have different requirements. Students will be provided course descriptions and syllabuses sometime during the first week of class. Books will be distributed at the discretion of the department resource teachers during the first week as well. Some general recommendations are that students have a backpack to carry textbooks home and back. Jump drives, better known as memory sticks or flash drives are recommended, one to two gigabytes should suffice. Binders with course dividers are a good idea. Spiral notebooks work well if they have tear-out sheets. Mechanical pencils, number two pencils; blue and black pens; hi-liters will be used throughout the year.

Sharpies, permanent markers, aerosols of any kind are not permitted. Cell phones are not permitted to be turned on during the school day and must be hidden from view. iPods, MP3's are allowed only during lunch, but must be stored during class time. Wheaton High School is not responsible for the theft or loss of personal electronic devices. Students who violate school policy will have their devices confiscated. **We highly recommend that parents monitor what students wear to school.** Any attire that is overtly revealing or depicts violence, drugs, or overt sexuality will result in students being sent home or required to change into available school supplied clothing

Show your KNIGHT Spirit



The Academies at Wheaton High School are constantly in the public eye and recognized in our community. Last year Wheaton introduced our new Academy "Coat of Arms" or

"shield". It was so popular that we had it printed on long sleeve tee shirts with the individual academy programs printed on the back. Due to popular demand we are continuing this new tradition and invite you to join us. If you would like to purchase your academy tee shirt, come place your order in the Academy office, Room 205. The cost for short sleeve shirts are \$15.00 and long sleeve \$20.00. Make checks payable to Wheaton High School. You will fill out a form which states your size and academy program at the time of

payment. Shirts will be available for pick-up on September 15, 2008. We will have a limited number of additional shirts available that day in various sizes and academies. Our engineering staff are pictured below wearing our long sleeve version.



Welcome Class of 2012 to the Academy of Biomedical and Health Professions

Welcome to Wheaton High School's Academy of Biosciences and Health Professions. Wheaton High School is the only school in Montgomery County that is offering the "**Project Lead The Way**" sequence of Biomedical classes so you chose the right school!!!

As ninth graders you will be taking the Principles of Biomedical Science class. In this class there are no text books, only laptop computers. You will work with team members to solve the mystery of a deceased woman and delve into the complex set of

health issues that lead to her death. Being a part of the Biosciences Academy is more than just course work, you will go on many exciting field trips and hear presentations from a variety of professionals in the field of medicine. See you at 9th Grade Orientation!



Welcome Academy of Engineering 2008-2009



We would like to welcome the class of 2012 to the academy of engineering at Wheaton High School. Our program is part of the National Alliance for Pre-engineering Programs called Project Lead The Way. It is designed for all students interested in pursuing an advanced career in the field of engineering. The United States is suffering from a severe shortage of engineers and well-educated technical workers. The nation has more than one million jobs available in these fields but no qualified candidates to fill them. As a result, U.S. technical industries are suffering, and salaries and benefits for those who do complete their education are desirable. Students are expected to follow a sequence of five courses which are linked to a post-secondary engineering program of study. Students should take the highest level of college preparatory mathematics they are capable of handling in all four years of high school to help them develop a solid background in math skills and concepts and prepare them to take each level of the PTLW program. College credit may be offered upon completion of the Advanced Engineering Program. Academy of Engineering students will also have the opportunity to be a part of our Robotics Club, MESA Engineering Club or ACE Mentorship Program. These programs work closely with businesses and Universities to promote engineering activities within our school. We look forward to the class of 2012 the largest freshman Engineering class in Wheaton Academy of Engineering history.

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The Institute for Global & Cultural Studies (IGCS), Three Worlds; One Academy

The Institute for Global and Cultural Studies, begins 2008-2009 new and improved. Ninth grade students enrolled in IGCS will have three pathways to follow that will lead to a world of knowledge, *literally*. Students will learn through interaction

with students from around the world using teleconferencing through Street Laws, *“Deliberating in Democracy”* program. Others will learn through the world of art and music using digital art technology in our brand new iMac

digital art and music laboratory. A brilliant faculty; two brand new programs; one brand new laboratory; two new dynamic music teachers; one fantastic program... what a way to see the World.

Academy of Information Technology is “IT”

The Academy of Information Technology (AOIT) at Wheaton High School will be at its best this coming school year. Enrollment has increased and students are very excited to begin their various pathway programs. Some of the new things coming

into the program this year will be the continuation of the Video Game Club for boys and the creation a new Video Game Club for *girls*. Parents and students are excited to know that all AOIT Juniors have summer paid internship and that 95% of

academy graduates are going to college. AOIT community involvement is growing and supporting local businesses.. The academy staffed spent the summer becoming more highly qualified and are ready to welcome our new and returning

*The Academies
at
Wheaton High School*

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*Parents to be involved in the success
of your child's future. Please join the
Wheaton PTSA and Booster Club. One
hour a month will impact a lifetime.*

For more information

Membership Chair

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Wheaton Music Nation BEGINS!!

Do you play an instrument or sing?

Do you just love music any kind, all kinds
of music?

Then we would love to have you join us.

Musicians come to the Music Department

and speak with Ms. Hollingshead,

Singers come speak to Mr. Cobbins.

