



IB INTELLECT



END OF YEAR TESTING IS NEAR

A total of 189 students will be taking IB tests in May 2015. The three-weeks of testing during May 4-22 will include testing that will take place in our own gymnasium until IUSB is available for the remainder of May. Of all courses being evaluated, the top three include English HL (71 students), Math Studies SL (60 students), and History HL (58 students). A total of 35 students are registered as IB Diploma candidates and will seek the coveted IB Diploma. As many know, the IB exams will be evaluated by external evaluators, who are located in various locations around the world. The Extended Essays that were submitted by IB Diploma students in March were destined for locations such as India, Pakistan, Malaysia, Turkey, Greece, Italy, and the United Kingdom. For the upcoming May exams, destinations other than those already mentioned include Argentina and Namibia, as well as some that are sent across the United States and Canada. The world certainly opens up to the works that our students complete, and this truly represents the international connections of the IB Program.

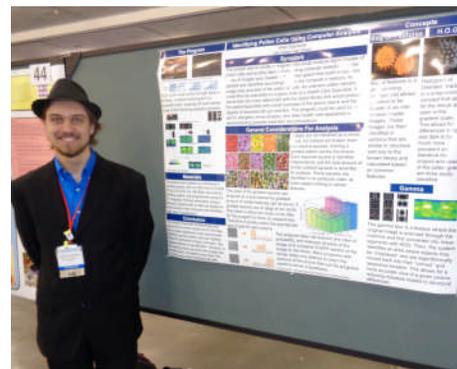


SUCCESS IN COMPETITIONS!

This spring has proven to be a boon for repeated successes with various extra-curricular activities and teams that represent the best of our school. The JAHS Science Olympiad team excelled with a first place finish at the regional competition in February, moving on to the state championships to be held in Indianapolis later in the Spring. The Mock Trial teams of JAHS competed at the Indiana State Championships and earning first place for the 16th time in our school history. The winning team will travel to the National Championships in Raleigh, North Carolina in May.

IB STUDENT PRESENTS RESEARCH IN SAN JOSE, CALIFORNIA

Last October at Indiana University Medical Center in Indianapolis Adam Staszewski was judged the best high school researcher in Indiana and was selected to present his computer program at the American Association for the Advancement of Science Convention in San Jose, CA over February 11-14, 2015. Adam's investigation focused on "Identifying Pollen Cells Using Computer Analysis: An Aid for Allergists, Immunologists and Other Health Care Specialists." The project was to create a computer program that would analyze digital images of different pollen cells and quickly identify them using computer analysis software. A digital library of images was created of pollen grains, then each image was labeled and classified accordingly within the computer's memory. An unknown pollen sample could then be submitted on a glass slide to a health care specialist. It would then be cross-referenced with the digital library and would present the patient/specialist with a brief summary of the grain's nature and the degree of expected allergic reaction. The program further makes suggestions related to anti-allergy medications and possible side effects of the treatment.



Adam Staszewski discussed a computer career with Vinton Gray, founder of Google

Earlier at the Intel International Engineering Convention in Los Angeles Adam was awarded a full four-year college scholarship to pursue his study of computer technology. More recently Adam composed a follow-up program entitled, "Computer Aided Identification of Blood-borne Illnesses and other Undesirable Pathogens Common in Third World Countries. Adam responded after the San Jose presentation that - *"The opportunity to present my work and speak with others with my interest was amazing. While I was in San Jose, I spoke with several other students across numerous different fields of study where each was more interesting than the last. Additionally, I was able to meet with Vinton Gray (Better known as "Vint" Cerf) the Vice President of Google and a founding father of the internet. I was also privileged to meet several individuals on the AAAS and the new president of the AJAS."*

IB PHYSICS STUDENTS ATTEND PARTICLE PHYSICS MASTER CLASS AND CONNECT WITH THE WORLD

By Kim Kilbride, South Bend Tribune, March 22.



Willow Crisovan and Bradley Xavier point to Chile on the map

LOOK OUT CHILE – HERE COME TWO EAGLES!

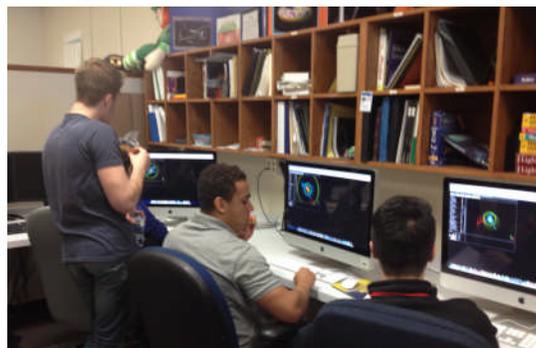
Every year, the local Rotary Clubs promote exchange opportunities to our students, and this year, we are happy share the exciting news of two John Adams students who will spend next year in a foreign country!

Willow Crisovan is a freshman Magnet student who will travel to Chile for her sophomore year. Sponsored by the South Bend Rotary Club, Willow gave a talk at a luncheon meeting earlier in March at the Century Center. When asked about her upcoming travels, she notes that *“it will take a while to get used to the cultural differences that I am not aware of”*. She is raising funds for her travel, and hopes to get help from many people. For more, please visit <http://www.gofundme.com/RYEwillow>

Bradley Xavier is a Junior IB Certificate student who will also spend next year in Chile. He is sponsored by the Granger Sunrise Rotary Club and spoke at a breakfast meeting on April 1 at the Granger Commons. He is looking forward to *“getting away from Michiana.”* He is confident that the immersion to the culture and language will quickly get him used to everything he will experience during his senior year.

Thirteen Adams High School physics students spent Saturday afternoon, March 21, exploring the intricacies of particle physics. Using rudimentary models and other hands-on activities, they learned about the composition of particles, how they're held together and what happens when they collide. Particle physics is important, Adams senior Brennon Koehler said, because it reveals how the world works. “If I push that

wall,” senior Grace Landry said, “what keeps me from falling through?” The teens, who participated satisfy an IB group project requirement, are all Dan Walsh’s students at Adams. The Masterclass, as it’s called, was conducted at the University of Notre Dame QuarkNet Center and offered the students the opportunity to analyze data from CERN’s Large Hadron Collider.



Our IB Physics students worked with Riley and Wakarusa HS students at QuarkNET, and over 50 different schools via simulcast from 20 different countries today. Photo: Dan Walsh



On left - Adams High School seniors Brennon Koehler, left, and Grace Landry join junior Sam Brockman in explaining a particle physics exercise Saturday March 21 during a "Masterclass" at the University of Notre Dame's QuarkNet Center.

Photo: Courtesy of SBT/ GREG SWIERCZ

THE AMISH ARE COMING – AGAIN!

For the second year in a row, a group of 14 Amish will be visiting Adams High School on April 22. Students from the IB Anthropology class will accompany the visitors as they break into smaller groups and visit numerous classes throughout the day. Many teachers throughout the school will host the Amish. Basketball will be played against the Amish during Period 4, and lunch will be a pot-luck lunch event in the LGI room with food provided by students and families.

UPCOMING EVENTS/DEADLINES

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| April 20 | Deadline for IB Visual Art submissions to IBIS
Deadline for Internal Assessment Oral Submissions
Deadline for all IA samples to be sent to IB |
| April 22 | Amish visit JAHS |
| April 30 | Deadline for Musical Links Investigation submissions |
| May 1 | All CAS documentation due from Senior IBD students |
| May 4-22 | IB exams at JAHS and IUSB |

FOREIGN EXCHANGE STUDENTS AT JAHS

John Adams High School has been home to six foreign students this academic year. All students are registered as juniors, although some are taking Gr.12 classes throughout their stay. The students include Zhenwei Dong & Yingfei Ma from China; Laura Aguirre & Rocio Artiaga Candia from Spain; Mia Knezevic from Montenegro; and Anke Vereecke from Belgium. Organizations that have enabled these students to come to America include the Foundation for American Cultural Exchange (FACE), the International Student Exchange (ISE), Foreign Links Around the Globe (FLAG), and the Council for Educational Travel, USA (CETUSA).

In meeting and speaking with some of our exchange students recently, some very interesting comments and insights were learned. When asked what they have enjoyed the best about their experience in America, Anke replied *“I love the language, how friendly and open the country is. The world seems so much smaller, it’s not as unknown and as big as it used to be.”* According to Laura, *“school is better and more fun, and the academic rigor is not too bad”* compared to Spain. All students agreed with this comment. According to Zhenwei, there is *“more school spirit here, and there are more options and freedom choice in terms of what to study.”* Mia also mentioned that she *“enjoys the opportunity to make world-wide friends”* as all exchange students will maintain friendships with each other after they leave South Bend.

So what are some of the strangest things they have ever experienced here at Adams High School? *“The yellow school bus is a huge thing, and school lockers look silly, but to us they are so exciting!”* was echoed by all students. Everyone was excited and happy to ride on a school bus! When asked if they would recommend an exchange experience to others, everyone emphatically replied *“Yes”*. Maybe more of our own students will go abroad in the years to come. With some of our own students heading to Chile next year with Rotary International, John Adams High School should be proud of hosting and sending students as they desire to learn from others, and making an impact on the students of the world! Embracing and celebrating this diversity helps in building our international-mindedness and openness.



Adams’ foreign exchange students stand in front of school, from left to right are Zhenwei Dong, Anke Vereecke, Laura Aguirre, Mia Knezevic, and Rocio Artiaga Candia. Missing is Yingfei Ma.



Philip Moss – Duke University

LIFE AFTER ADAMS

The *IB Intellect* welcomes updates from our IB graduates. This month we share the success of Philip Moss, freshman at Duke University, Durham, North Carolina.

In 2014, I completed the IB Diploma program and I went on to study Computer Science at Duke University. As a high school freshman with a STEM focus, I originally balked at the prospect of taking higher level IB courses in English and History. Reflecting over my first year at Duke, however, these courses have been the most valuable in my transition into higher education. By requiring me to take courses outside of my comfort zone, this program developed skills that I would have left dormant. In higher level history, I learned how to analyze the value and limitations of historical documents. In higher level English, I came to appreciate how fundamental Jungian psychology and archetypes are in works of fiction. Forcing me to study these classes at a higher level, the IB program has made me a more well-rounded individual, and at Duke this has been paramount to my academic and extracurricular success. From my experience, I believe that the importance of a broad education cannot be understated and I appreciate the IB program for teaching me this educational truth

(Source: E-mail from Philip Moss to Dr. Mika, March 21, 2015).

JAHS/IB ART EXHIBIT A GREAT SUCCESS

On April 16, the IB students along with JAHS Art students displayed their artwork in an exhibit that was a great success. Over 350 individual pieces of artwork in various media, ranging from paintings to ceramics was on display in the Art Department hallway. As can be seen from the photos, the many people in attendance were treated to a stunning show. Parent commented that the exhibit showed “*quality work*” and the “*level was high*”, which is exactly what



Parents and guests view work in the Art Gallery

is sought by the students and teachers alike. Many of the students have won awards for their work, and the future of art at Adams looks very bright. According to Judi Kubacki and Dawn Worsham, some 150 visitors attended the event, which included parents, friends, teachers and administrators. Many thanks to the entire Art Department for organizing this event.



Mrs. Kubacki mingles with guests



Art displays in the hallway



EXAMPLES OF EXTRA-CURRICULAR ACTIVITIES!

Many of our students are involved in extra-curricular activities, and here is one good example to share with you. To the left are photos of Freshman magnet student Clare Tidmarsh, who is a member of the Notre Dame Chinese Culture Association. Recently, she was one of the dancers at the Chinese New Year celebration held at the University of Notre Dame.

I encourage parents and students to share their activities with the broader community, and ask you to send me some interesting photos and possible stories for future issues.

STAY CONNECTED WITH THE IB INTELLECT

Stories from students and teachers are encouraged. Please submit materials to Dr. Mika. The deadline for the final issue of the school year will be Monday, June 1, 2015. If you would like to be added to the e-mail list for Adams IB Magnet families, please send your e-mail address to Dr. Mika at mroinila@sbcsc.k12.in.us.



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