



IB INTELLECT



IB EXAMS ARE NEARING

The IB testing season is almost upon us, and from May 2-20 a total of 185 registered students will be taking their IB tests in the school gymnasium or at Indiana University South Bend's Education & Arts Building. Teachers and students are preparing by reviewing old tests, and making sure they will be well prepared for the completion of the final IB requirement. We wish everyone much continued success, which is reflected by the many stories in this issue that burst with accomplishments!



MOCK TRIAL TEAM TO COMPETE AT THE NATIONALS!

A big Congratulations to 2016 Indiana Mock Trial state Champions Wall Street Posse. The team members are all senior and junior IB students and include Sam Brockman, Ilan Friedland, Alice Goulding, Connor Hoban, Madeline Kimmell, Miranda Manier, and Alicia Porile. With school sponsor Ms. Donna Sharp (Family & Consumer Sciences), Adams High School was represented by six teams at the state finals and three of those teams placed in the top five. This marks the 17th state mock trial championship for Adams High School. The winning team under the guidance of coach Jeff Kimmell will travel to Boise, Idaho for the National Championships taking place on May 12-14, 2016. Fundraising is ongoing for the team, which has included

bake sales at the South Bend Farmers Market every Saturday until the team leaves, as well as a restaurant fund raiser at Blaze Pizza in late March. Donations are still welcome through GoFundMe at <https://www.gofundme.com/5au5fk6g> - Go Posse!

MAGNET STUDENTS IMPROVE IN STATE-WIDE SCIENCE OLYMPIAD

The JA Science Olympiad team improved their state rankings in 2016, by finishing in 10th place out of a field of 36 schools in Indiana. Last year the team was in 11th place. Fourteen of the fifteen team members are IB Magnet students ranging from freshmen to seniors. State Team members included Novali Centellas, Amelia Chupp, Hannah Curl, Cindy Dang, Katy Dyer, Gwen Fourman, Brian Harr, Robert Howard, Fiona Hughes, Lorena Morgan, Renee Nerenberg, Matt Neumann, Aarani Sarveswaran, Chad Steele, and Melinda Zumazuma.

Congratulations to the entire team, and for the two first place finishes in the state in *Fossils*: Matt Neumann (Junior IB Diploma candidate) and Ben Kolda (Magnet sophomores); and *Microbe Mission*: Lorena Morgan, Amelia Chupp (both Magnet freshmen!) Thanks also go to Sally Troxel and Brendan Tubbs for coaching the team. Troxel praised the students by saying that *"They really worked hard and developed an attitude of encouraging each other. Thanks for your support through another great year."*



IB VISUAL ARTS STUDENTS EXCEL IN COMPETITION

IB Visual Arts student Ilan Friedland has received a prestigious honor. He won a National Silver Medal for his Photograph In Revolt. Less than 1% of the Scholastic Art entries receive medals at the national level. John Adams is represented at the national exhibit in New York. In addition all of the 2016 Regional Scholastic Art winners from Adams are IB Students. John Adams was well represented in the 2016 Regional Scholastic Art Show with 21 pieces chosen to be included. In addition to the Gold Keys, Silver Keys and Honorable Mentions, two Adams students received special awards for their work: Ilan Friedland received a Visual Voice Award and Samuel Brockman received a Hoosier Art Patrons Award. Congratulations to all!



UPDATES ON HOOSIER IB SCHOOLS

The newly elected executive board of the Hoosier Association of IB World Schools met on January 20 in Indianapolis to discuss plans for the future that will help all IB schools in the state.

The newly elected President Leslie Fatum (Kokomo HS) is joined by a group of willing volunteers that represent Diploma (DP) - Middle Years (MYP) – and Primary Years Programme (PYP) schools in the state. Several new initiatives will be undertaken by the executive, including the development of a state-wide IB newsletter that will help build a stronger sense of community across the state. The HIBS website will be updated and developed further, and a directory of all IB teachers in the PYP, MYP, and DP tracks will be shared with schools so that colleagues across the state can communicate with each other as needs and questions arise in all programmes.

IB Teacher Round-Tables have been scheduled for April 23 in Kokomo, and the **IB Student-led Conference will take place at Holy Cross College on October 21, 2016.** Students and teachers at JA are encouraged to participate, as we expect hundreds of students from across the state to attend. All IB Eagles are encouraged to get involved! More details are to follow.

ABC57 NEWS COVERS THE IB PROGRAMME

Over a two hour period, ABC57 news reporter Emily Kinzer asked questions, filmed students and gathered material for the “Cool Schools” episode that was broadcast on February 11. The eventual report was a two-minute event that provided much detail of student achievements at JAHS and beyond. With insights from Alain Pierre-Jacques and Aidan Reilly, and Notre Dame junior and Adams graduate Maria Caponigro (IBD 2013), there was something for everyone.

The most effective part of the story related to the influence the IB Extended Essay has on students who go on in the educational pursuits. Maria Caponigro is currently in Chile, where she is undertaking a semester of studies and research that was inspired by her Extended Essay investigation that looked into the dilemmas of educational reform and



Emily Kinzer interviews Maria Caponigro.

student protests in Chile. Thanks to the influence of her teachers such as Ms. Cecilia Stanton (IB Spanish SL), our students carry on a legacy of success that is gained at the high school level. If you'd like to see the entire interview, it is available online at <http://www.abc57.com/story/31185155/cool-schools-adams-high-prepping-students-for-college>

HOLY CROSS TO WELCOME IB GRADUATES

Holy Cross College (Notre Dame, IN) is proud to welcome IB students to its campus. Beginning in Fall 2016, Holy Cross will offer credit for IB graduates who complete their Diploma, by awarding credit for scores of 5 and above. Holy Cross will also consider sophomore placement for all IB Diploma graduates. The college offers an intimate learning environment in a local setting, enhanced by its presence in the tri-campus college community at Notre Dame, IN. Through its unique relationship with the University of Notre Dame and St. Mary's College, Holy Cross students have access to classes, student clubs, and sporting events across all three campuses. Students at Holy Cross College engage in enriching experiences such as a professional internship, participating in community service and a global immersion trip to developing countries (Brazil, India, and Uganda). As an institution that awards college credit for Higher Level IB course work, the college makes the tri-campus community accessible to local students looking for an excellent and affordable educational experience. Holy Cross is excited to serve IB students, especially those in the Michiana area. Many thanks for Brother Jesus Alonso (VP for Strategic Initiatives) for facilitating these policy changes at Holy Cross College.



Dr. Mika thanks Br.Jesus Alonso for a new policy at Holy Cross College in recognizing IB scores

TWO IB STUDENTS PRESENTED SCIENCE RESEARCH AT AAAS CONVENTION IN WASHINGTON DC

Joshua Isaacson and Alicia Porile were identified as the two top finalists in the Indiana Science Talent Search conducted by Indiana University Medical Center and were selected to present their research findings at the American Association for the Advancement of Science convention in Washington DC from February 10-14th.



Joshua's computer investigation focused on "The classification of basal cell carcinoma from benign tumors using promising machine learning models" and Alicia's work focused on "possible effects of altered "g" forces on the behavior and regeneration of planarian flatworms". The all-expense paid trip was underwritten by Indiana Academy of Science that tends to encourage high

school students to select careers in science, engineering and mathematics. When not presenting their research findings they toured several research centers, listened to world renown investigators who described the most recent trends in "cutting edge" science" including advances in the human genome work, alternate forms of energy and how agencies cooperate in times of epidemic disease outbreaks including the recent Zika virus outbreaks.

AUSTRIAN STUDENT SPENDS WEEK AT JOHN ADAMS

A visit by Hannah Russegger of Salzburg, Austria to South Bend in early February brought a brief European flavor to John Adams High School. Russegger was visiting with childhood friend Magdalena Sedmak (Junior IBD), who used to live in Austria. The two friends spent a week together visiting local sites and traveling to Chicago, but beyond all that, Russegger was immersed in classes for the week. Having received the approval for a week-long immersion to American education from the Principal Mr. Seitz, Russegger was able to share a few comments on her visit. "School is different here from what we have in Austria. Going to an American high school is a dream, with high school musical and stuff, so it's like a dream coming true." The Salzburg native has never visited the United States before, and said she would love to come back some other time – but not to visit a school. ☺



Russegger (l) and Sedmak were happy to be together and share class-time at John Adams.

UPCOMING EVENTS & DEADLINES

April 20	Internal Oral Assessment submissions due at IBO & IB Visual Arts Submission Deadline
April 30	Deadline for submitting Musical Links Investigation work to IBO
May 2-20	IB exams at IUSB – see test times in your class or contact Dr. Mika for schedules
July 1	Deadline for notifying IBO for IB grade submissions to colleges (one is sent free within USA - see Dr. Mika)



LIFE AFTER ADAMS

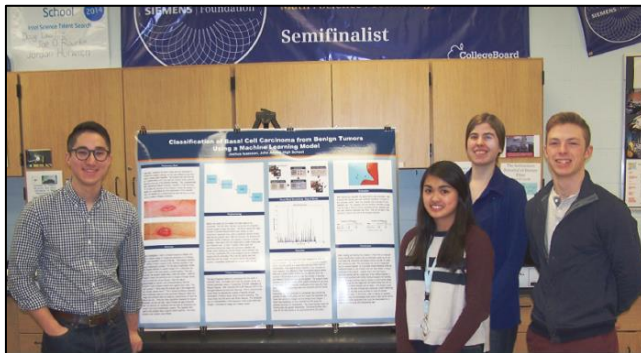
The *IB Intellect* welcomes updates from our IB graduates. This month we share the success of Thaameran Sarveswaran, sophomore at Georgetown University (IB Diploma 2014).

Though I knew the college curriculum would be rigorous, my IB classes have proven to be indispensable in my first two years of college, particularly my higher level IB classes. Reading and writing are essential skills in any course of collegiate study and though I had heard this many times in high school I didn't really realize what that meant until I began taking classes in theology, philosophy, and political science in college. The IB requirements, and the curriculum that teachers at Adams designed to meet those requirements prepared me well for the requirements of college coursework and have given me an excellent foundation to build my academic and professional skill set. To any sophomore at Adams considering the IB Diploma program, or perhaps more importantly, to any junior or senior considering dropping the full diploma program, I strongly encourage you to see it through to the end, not only for college credit and for an internationally recognized qualification, but for the skills and abilities you will rely upon long after you time at Adams has ended.

(Source: e-mail from Thaameran Sarveswaran to Dr. Mika, Feb.1, 2016).

IB STUDENTS PRESENT THEIR RESEARCH FINDINGS AND MOVE ON TO STATE COMPETITION

Five John Adams IB students won numerous awards at Notre Dame on February 24 in the Regional Engineering Fair. In total their awards added to twenty-five including four of the top Bayer Corporation awards and the Stockholm Water Prize. Winners are (from left to right in photo) Joshua Isaacson, Alyssa Ignaco, Katy Dyer, and Colin Lofy. The fifth winning student was Jack Lloyd (not pictured). Colin Lofy received major awards for his investigation entitled *The Effects of RD Nuverasa on Regeneration Rates of Planaria*. RD Nuverasa is an experimental cancer medication that is currently being used as part of a cancer treatment option. It has been demonstrated that this medication has the ability to slow down the regeneration of some tissues and hamper virus reproductive rates directly related to cancer. His two-year investigation did show significant declines in the density of stem cell growth centers in Planaria.



IB PHYSICS STUDENTS MEET THE HEDRON COLLIDER AT NOTRE DAME

The IB Physics students participated in a Particle Physics Master Class at the University of Notre Dame on Saturday, March 19th. This event was hosted by the University of Notre Dame QuarkNET Center and Fermi Lab in Batavia, Illinois. The students learned about the inner workings of the Large Hadron Collider (LHC) particle accelerator built near Geneva Switzerland. The students also attended in the Particle Physics Master Class held at the Notre Dame QuarkNET Center, where students were guided through an exercise in which they analyzed raw collision event data from the Large Hadron Collider at CERN. The day's events concluded with a Webcast with five other high schools who had also been conducting the Master Class at the same time. JA students all shared their findings with the other schools. "Overall, this was an awesome hands-on Physics experience", said JA student Jack Wheeler. Jack will be able to further his particle physics experience and knowledge this summer because he was recently selected to participate in a Research Experience for High School Students (in Particle Physics) which will be sponsored by the Notre Dame QuarkNET Center.

STUDENTS VISIT COSTA RICA DURING SPRING BREAK!

A group of five students spent Spring Break in Costa Rica. Here's what Mrs. Elizabeth Drake (English) had to say about their trip. "Our time in Costa Rica included hiking to volcanoes, visiting self-sustaining resorts, zip-lining through the rainforest, and spotting a multitude of exotic species. It was a fabulous trip!". The attached photo was taken at Poás Volcano National Park. The students who attended included Alaina Powell, Paige Craig, Brianna Bytner, Olivia Downey, and Christopher Vreugdendhil.



STAY CONNECTED WITH THE IB INTELLECT

Stories from students and teachers are encouraged. Please submit materials to Dr. Mika. The deadline for the next issue will be Friday, May 27, 2016. 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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