

York High IB News

January 2018

Science Fair Achievements

All pre-Diploma IB students in the 9th and 10th grades are required to participate in the Science Fair in preparation for the Group 4 Project in 11th grade. The Group 4 Project is an IB Diploma Programme requirement that brings together students from all three IB science courses to develop and test a hypothesis of their own design. Our Senior IB science students also participate by entering the Internal Assessment (IA) piece of their IB assessment. They must communicate their results to the judges, who are experts in the field, and the judges' feedback often helps them on the final paper the students prepare.

This year York High IB students and their partners entered ninety-seven projects in the Science Fair and won forty-four of the sixty-four awards presented! Additionally, four York students received special awards for their projects.

Here is a list of winners organized by category:

Hope Mazzuchi – Animal Science – 1st

Indira Durham & Jiyeon Park - Behavioral Science – 3rd

Annika Patel – Biochemistry – 1st

Michelle Nguyen & Anna Tornatore – Biochemistry – 2nd

Andrew Creelman, Simon Hermes, & Terry Mock III - Biochemistry – Honorable Mention (HM)

Elena Evans - Cellular & Molecular Biology – 1st

Sarah Singh-Sanchez - Cellular & Molecular Biology – HM

Isabella Esposito - Cellular & Molecular Biology – HM

Joe Topp – Chemistry – 1st

Kirsten Marsell - Chemistry – 2nd

Suraj Patel - Chemistry – 3rd

Matthew Nettleton - Chemistry – HM

Dane Royal - Chemistry – HM

Vallarie Burge and Hailie Hearn - Chemistry – HM

Alexander Arnette - Chemistry – HM

Lilleen Rochelle Franck - Chemistry – HM

Alexander Brown – Computer Science - HM

Rose Born - Earth and Planetary Science – 1st

Xavier Barbeyto – Engineering: Electrical and Mechanical – 1st
Jacob Rizzio – Engineering: Electrical and Mechanical – 3rd
Kole Valliant – Engineering: Electrical and Mechanical – HM
Suparnamaaya Prasad - Engineering: Materials and Bioengineering – 2nd
Gianina Cragg - Engineering: Materials and Bioengineering – HM
Yamilet Rodriguez & Mikayla White - Energy and Transportation – 2nd
Gabriella Sandoval - Energy and Transportation - HM
Caroline Allmon & Annika Wells - Environmental Management – 1st
Isabel Antinoph & Kathryn Shelton - Environmental Management – 3rd
Katherine Wolinski - Environmental Science – 2nd
Anna Boyarinova and Allena Flowers - Environmental Science – 3rd
Madison Gamble, Stephonda Lewis, & Keshali Patel - Environmental Science – HM
Lauren Dunbar - Environmental Science – HM
Sabian Beyon – Mathematics – 1st
Jared Josef, Aryan Prabhudesai, & Nathaniel Valerio - Medicine and Health – 3rd
Ymanee Monestine - Medicine and Health – HM
Jackson Twiggs – Microbiology – 1st
Tyler Insley - Microbiology – 2nd
Megan Cooker - Microbiology – 3rd
Krupa Patel - Microbiology – HM
Annazell Downey & Paul Marcuson - Microbiology – HM
Karthik Kashyap - Physics and Astronomy – 2nd
Liza Washington - Physics and Astronomy – 3rd
Alexis Haskiell - Plant Science – 1st
Camryn Young - Plant Science – 2nd
Anushka Acharya & Esther Yi – Plant Science – HM

Special Awards:

Alexis Haskiell - Norfolk Botanical Gardens - Family Fun Pack
Suparnamaaya Prasad - Canon VA, Inc. - Camera

Alexander Brown - Canon VA, Inc. - Wireless printer

Dane Royal - Rebound Chiropractic Award - 1st Place

CAS

Seniors are reminded to update CAS information on ManageBac. Juniors should be revising their CAS plans following their first meetings with Dr. Valliant.

Service hours are available at the annual dinner theater for the Hellenic Women's Penelope Society on Saturday, February 24th. Let Dr. Valliant know if you can help.

Shout Outs

Congratulations to Quentin Hogle, who was selected for the 2018 Senate Page program with the Virginia General Assembly and will be serving in Richmond until March 9th, 2018.

Congratulations to Clara Swetnam-Burland and Isabella Mock for their selection to All District Band and to Lilleen Rochelle Franck, Sebastian Gaona, and Keshali Patel for their selection to All District Chorus.

Student Success

The IB Learner Profile is a list of ten attributes that help develop the whole student. **Inquirers** is at the top of that list. **Inquirers** “nurture (their) curiosity, developing skills for inquiry and research. (They) know how to learn independently and with others. . .” Part of learning independently is becoming a self-advocate in the class room. If you have a question – ask it! Chances are someone else has the same question. If you are having trouble with a particular concept or skill ask your teacher for additional help. To help our Freshmen develop this attribute, Dr. Valliant will be handing out Student Success cards at the start of the second semester. These cards have four questions which students should be prepared to ask their teachers: 1. How am I doing in your class?, 2. Am I missing any work?, 3. What should I focus on next week? (strategies, content, skills), and 4. Do I need to see you for extra help? Asking these questions will help students stay on top of every class.

For the complete Learner Profile visit the York High IB page <http://www.edline.net/pages/YHS/IB>

Important Dates

February 12 – Math SL IA due

February 14 – Geography IA due

If any students or parents have concerns about the IB at York or simply have questions or want to add something to the newsletter, please do not hesitate to call, email or visit Dr. Valliant: kvalliant@ycsd.york.va.us , (757) 890-5014.