

Superintendent's Highlight of the Week March 29, 2018

March Madness not only applies to NCAA Basketball, in the research world, it also means Research Competition time! Students participating in our POBJFKHS Independent Research Program are provided with many platforms for them to apply and challenge their passion for the traditional science, behavioral science and math.



Recently a team of 9th and 10th grade research students presented their semester long project at the Northwell Medical Marvels competition at the Feinstein Institute. They researched their topic of Drug Addiction at length to generate a comprehensive paper that addressed specifics on the current state of addiction, technologies, treatments and suggestions for the future. They created a presentation board that summarized their findings and gave a formal oral presentation to a panel of judges and an audience in an open lecture setting. The POBJFK team won best

presentation for their lecture room and \$300 cash prize. Congratulations also to Mrs. Ahmad, our 10th grade Research teacher, for her efforts working with this team throughout the process.

That same afternoon, nineteen of our students from the Science Research classes participated in the 2018 Al Kalfus Long Island Math Fair. This Math Fair represented the culmination of the students' hard work and extensive research on a Math topic of their choice. Students have been preparing for this event since November while managing the demands of their regular course work. Thirteen JFK HS students have been invited back to the final round which will take place at Hofstra on April 20. We know they will make us proud.



This past weekend a team of passionate Physics students completed a semester of various Physics challenges in conjunction with BNL and CERN, under the mentorship of Mrs. Wetzler. They took home a 3rd in the Fermi competition, a 2nd in Physics Quiz Bowl and 3rd place for overall!

In addition to our success at these local research competitions, we have other researchers moving on to compete in the national and international forum. Last week, Jessica Goldstein represented POB at the National Brain Bee placing in the top 10; an amazing accomplishment for this very difficult competition. Thanks to Mr. Tesar for his mentorship of Jessica throughout the competition preparation and testing.

Julia Park won at the Long Island Science and Engineering Fair and Kiana Ziadkhanpour won at the New York Science and Engineering Fair, earning both a trip to the International Science and Engineering Fair in Pittsburgh this May.

There are giant footprints being planted all over by these amazing students. Congratulations and thank you to all of them and our dedicated staff. Have a great vacation !!!