

Jack Abrams STEM Magnet School



Date: October 20, 2016

Time: 7:00 – 8:15 p.m.

Where: Jack Abrams STEM Magnet School

We are happy to welcome all Jack Abrams STEM students and their families to our ***Family Technology Night!***

In partnership with local community members, we are pleased to offer an exciting evening where families can come explore some of the latest developments in scientific research, technology and engineering. This ***hands-on event*** will give students and families an opportunity to learn and experience these new technologies first hand.

- ***Cold Spring Harbor Laboratories:*** Dr. Leemor Joshua-Tor and Dr. Jon Ipsaro will be doing a “hands on” 3D visualization of biological molecules (protein, DNA, RNA), where the kids can twirl these molecules around in 3D.
- ***Stony Brook University Department of Biomedical Engineering:*** This hands-on program will give participants a chance to learn how biomedical engineers are developing devices to help people with various ailments. Play rehab video games, see how biomedical engineers are using Arduino sets and compete in a pipette challenge.
- ***Farmingdale College:*** Participants from the Department of Horticulture and Visual Communications will share their work with hands-on experiences
- ***Mike Richter from Microsoft:*** Mike will share his work in facial recognition software.
- ***Local Makerspace Expert:*** Nick Tsokris has a background in aviation and electrical engineering. His passion started as a child and has developed into creating various computers, electronic products and robots. Nick’s most recent creation is his life size, movie accurate Star Wars **R2D2** droid. Come see **R2D2** in person!!
- ***Huntington High School Robotics:*** This student run club is only in its infancy but has already made their mark. Come see the 2015/16 NYC Regional Competition championship winning robot and try your hand at the controls!