



Calendar
February 4, 2013

UPCOMING and IN-PROCESS ACTIVITIES

- *Feb 1- Apr 26 STEMTech After School Program**
STEM Tech, an afterschool program for girls in grades 6 – 8 who are interested in science, building and creating things with a group.
Date/Time: Fridays beginning on 2/1/13, 2:30-3:30 pm
Place: Harrison Hale Community Resource Center – Longwood
Volunteer mentors: **Stony Brook Univ - Jackie Petrie; Motorola Solutions - Rhonda Green**
- *Feb 13 Newsday Webinar “Financing College” (Sponsored by Hofstra University)**
8:00 pm – Log onto www.newsday.com/financingcollege or call 1-877-545-4834
Hear from representatives of Newsday, Hofstra University Student Financial Services, ConnectToTech, NY State Higher Ed Services Corp., Western Suffolk Counselors’ Assoc on Financial Aid sources, free resources, scholarships and finding money in STEM
Volunteer: **Judy Murrah representing ConnectToTech**
- *Feb 20 (NEW) Massapequa Community Career Night**
7:00-9:00 pm - Massapequa High School will hold its 3rd Annual **Community Career Night** for all students in grades 7-12 and their parents. Share your career advice and knowledge with students who are currently planning their future coursework and steps after high school.
Volunteers needed to staff roundtables and share experiences of STEM careers
- *Feb 27 Sayville Middle School SOAR Program**
An introductory STEM initiative program for 4th and 5th graders to introduce aeronautics, aeronautical careers, and how to design and build a competitive glider. The program runs for 8 weeks and culminates in a competition in mid March at the Middle School.
Volunteer: **Bill Vojir, space program speaker and visit to Cradle of Aviation Museum**
- *Mar 1 Hauppauge High School Career Day**
7:15 am – 2:15 pm
Volunteer: **Harvey Brofman - 94bits; other professionals needed to speak of their careers**
- *Mar 8 (NEW) ConnectToTech General Meeting**
4:00-6:00pm at Motorola Solutions
- *Mar 14 Work Experience Coordinators**
Joint WECA/Connect to Tech to learn about “Work Based Learning Programs and STEM Careers.” To be held at Motorola Solutions
Needed: **Recruit teachers to attend; Professionals to speak of their careers**
- *Mar 15 Smithtown High School “Female Power Brunch”**
Female students interact with women role models from the community
Volunteer: **Barbara Porter - FragranceNet.com; Other women professionals of various careers needed**
- *Mar 15 Plainview-Old Bethpage JFK High School**
Career Fair 7:45 am – 10:33 am
Roundtable format for business volunteers to use handouts, hands-on demos and interactive discussion with small groups of students interested in their STEM career.
Joe Godas - Cablevision attending; Other business professionals needed
- March Stony Brook University TechPREP Program for Middle School girls**
Select school districts participate
- *Mar 19 Farmingdale College STEM Summit / Diversity Roundtable and Center Career Event**

8:00 am -1:30 pm Register at www.farmindale.edu/stem or call 631.420.2622
The Farmingdale State College STEM Diversity Roundtable and Center, in alliance with LI STEP / CSTEP and the Empire STEM Learning Network and its LI Regional Hub will explore innovative ways to strengthen STEM teaching and learning in the 21st century in order to meet the pressing demands of the workforce. Join leaders from business, education, government and non-profit organizations to understand recent developments, learn from others at the state and national level, and engage in shaping solutions relevant to our region.

Needed: Volunteers to staff roundtables, sponsor the event and provide give-aways

- *Mar 20 (NEW) Patchogue-Medford “Career Connections Exploration Day”**
Career Fair 8:00-11:00
Meet with students in small groups in a roundtable setting sharing your experiences of your STEM-based career
Needed: Volunteers to staff roundtables
- Apr 4 Smithtown High School Industry Advisory Board Meeting**
- April Society of Women Engineers – Long Island Chapter**
Stony Brook University SWE visit Motorola - 6 to 8:30 p.m.
Needed: Schedule visitation date and arrange to have professionals available
Also invite other colleges
- May 3 Motorola Solutions Foundation / TECH Prep / STEM Tech Capstone event**
- *May 10 Plainview-Old Bethpage Middle School**
Career Fair 8:15 am – 10:23 am
Roundtable format for business volunteers to use handouts, hands-on demos and interactive discussion with small groups of students who have prepared questions on STEM careers.
Needed: Professionals to speak of their careers interactively with small groups of students
- May Saint Joseph’s College High School Programming Contest**
Learn more and register here: <http://faculty.sjcnyc.edu/~ProgrammingCompetition/>
- May 30 Smithtown High School Industry Advisory Board Meeting**
- *TBD Looking for mentors for FIRST Lego League Teams**
Girl Scouts of Suffolk County
Zion Youth Family Community Center of Elmont
Needed: Various locations and meeting times

OTHER PROGRAMS AVAILABLE TO SCHOOLS:

CA Technologies computer training room and professionals are available for scheduling customized hands-on sessions to support the particular curriculum being taught in school classes – e.g., web page development, programming, etc.

Contact Tami Clarke at CA for more details: Tami.Clarke@ca.com

Cradle of Aviation Museum

<http://www.cradleofaviation.org/education/index.html>

A wide variety of classes across all STEM disciplines for grades K-12 and professional development

GameBuilders Academy - Summer Camp at Hofstra University

July 1 – August 9

The institute encompasses the following camps: Astronautics, Bioengineering/Forensic Science, Creative Computers, Fashion Design I, Fashion Design Workshop, Gifted Camp, Math Skills, Reading/Writing Learning Clinic, Robotics Level 1, Robotics Workshop, Web Publishing, and VG: 3-D Animation Studio, VG0: Starburst™ Video Game Development, VG1: Introduction to Video Game Development, VG2: Video Game Programming, and VG3: Video

Game Design Studio. The REACH Program and REACH Program for TEENS are available for campers with autism spectrum disorders and other special needs.

http://www.hofstra.edu/academics/ce/sc/spec/spec_learning_institute.html

GameBuilders Academy – Summer Camp at Stony Brook University

Exact dates tbd

The Academies are designed for the camper that has a specific interest in a particular program. Campers will spend half their day in the chosen program and the other half participating in day camp activities (unless otherwise noted). A hot lunch, snack, and one camp shirt are included. Enrollment is limited to 20 campers per academy, all on a first-come, first-served basis. All enrollment is based on the grade the camper is entering in Fall 2013. No early registration or faculty discounts will be given.

Video Game Academies & Game Builders Academies:

Intro to Video Game Design, 3rd to 10th Grade

Video Game Programming, 3rd to 10th Grade

Intro to Fashion Design, 3rd to 10th Grade

Robotics, Level 1, 3rd to 10th Grade

3-D Modeling & Animation, 3rd to 10th Grade

VR Quest, 5th to 10th Grade

Long Island Science Center

<http://www.lisciencecenter.org/PROGRAMSCLASSES.aspx>

Programs and classes in Earth Science, Physical Science, Technology, Chemical Science, Physics, Biology Chemistry, Life Science. Special programs also available

Math Museum – NYC

<http://newscientist.com/blogs/culturelab/2012/12/momath-manhattan-museum-of-mathematics.html>

Microsoft Store at the Walt Whitman Shops

“Classroom” and facilitators available for customized workshops for students, teachers, community groups

Newsday

College Planning guide with STEM pullout and supporting webinars at

www.newsday.com/collegeprep

Space Program Speaker – Bill Vojir, St. Joseph’s College

Bill is available to attend school activities to engage students in the excitement of the U.S. space program and its tie to STEM skills

Cablevision “headend” operations center tour

The Smithtown/St. James Headend is a local facility located behind Aboff’s on mainstreet (rt 25) on north side of road heading east toward 347. It will give students a good idea of how TV, Internet and voice services are delivered. Students who are into electronics, computers, the internet or just a general interest in technology should like it. Anyone who wants to know how a cable modem talks to the internet will get to see the equipment (Cable routers, etc) responsible for moving the bits and the fiber optics gear that transports it back to our master facility. Many professions converge inside these facilities so there's something in the headend for everybody.