

Mount Elementary School Career Lab

May 11th, 2007

12:30- 3:00 PM

PROFESSION

NAME

TITLE OF WORKSHOP

DESCRIPTION

Robotics Engineer

Professor Goldie Negat
*Stony Brook Department
of Mechanical Engineering*

**“The Robot Talent Show
They Can Talk, They Can Walk..
What Else Can They Do?”**

Come see the world through the eyes of a robot for a day, literally. Learn what it is like to design a robot straight from the mouth of one! Ask her questions and she'll answer back. Be careful though she can be quite chatty. Take a ride on a robot or watch it follow you around. They will do just about anything to try to impress you. At the end, you be the judge and vote for your favorite robot to win the talent show.

Interior Decorator

Natalie Weinstein
*Natalie Weinstein Design &
Associates*

“Decorate Your Own Room”

Well known interior designer and radio personality, Natalie Weinstein, will give hints and suggestions on how to make your room look great! She will bring fabrics and furniture ideas to help decorate your own living space!

Journalist

Joe Darrow
*Editor
Times Beacon Record*

“Making History”

How do you know if your favorite baseball or football team wins their game? How about hearing if your favorite band released a new CD? Or what's going on in Iraq? Answer: journalists provide all this information. This workshop will show you how to be at the center of the action -and how to tell an interesting tale once you've got your facts. Plus, those who pay close attention may find an exciting story to tell before the workshop is even over!

Police Detective

Jennifer Roberts
*Suffolk County Police
Computer Crimes Unit*

“What is a Detective?”

You have seen crimes solved on CSI, is that what it is really all about??? Learn how to take fingerprints or how to dust a crime scene for fingerprints.

Judge
&
Attorneys

Honorable Martha Luft
Family Court Judge
Regina Brandow
Berger and Brandow, LLP
Heath Berger
Steinberg, Fineo, Berger and Fischhoff, PC

**“The People of the State of
NewYork v. John Doe,
a Student at Mount Elementary
School”**

See what happens when a student is put on trial at school. Be a judge, jury or a witness to the case of John Doe, who is caught with a stolen iPod that he had been holding for a friend.

Landscape Designer

Jim Morgan
*Ireland-Gannon
Associates, Inc.*

**“How Does Your Garden
Grow?”**

As seen on HGTV, landscape designer Jim Morgan will teach you how to put a garden together and tell you what questions you should ask to have a beautiful garden. For example, sun exposure, ground conditions, and care of the garden. He will bring some flowers with him!

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Eye Doctor /
Ophthalmologist

Dr. Pam Weber
Long Island Retina

What's Inside The Eye?

Dr. Pam Weber is an ophthalmologist. She will share with you the secrets of the eye. We will dissect a cow's eye together. If you want, you can just watch if you prefer. We will also learn how the eye works, how to keep your eyes healthy, what to do when a friend injures their eye and an introduction to diseases of the eye.

Trader

Mario Montoya
Renaissance Technologies

The Trading Pit

Markets are dynamic and exciting Fortunes are made....and lost. The trading pit is the center of a global market with many different participants. Come learn about the roles of the different players in the the trading pit. We'll put you in the middle of an active trading pit where it is sink...or swim. Can you handle it?

Political Campaign
Director.

Dr. Marsha Laufer
*Brookhaven Town
Democratic Committee*

**- Getting Elected -
How To Run A Campaign**

- Deciding to run
- Educating, persuading, and identifying voters
- Coming up with a message
- G.O.T.V.- Get out the vote!
We will have a quick mock election so that everyone will have an opportunity to hear the issues, make a decision, and make their voice heard with their vote! Our students will hold either a mock campaign about an issue that is important to them or elect someone to a fictitious office.

Architect

Dennis Radzinsky
DMR Development, Ltd

"Design Your Own Room"

Who is interested in making people's dreams become a reality? You will be challenged to show how creative you are based on your client's demands. Also, you will be given the opportunity to design a room of your choice. We will review a design drawing and turn it into a preliminary construction document, so it can be built.

Cardiologist

Dr. Lloyd Lense
Three Village Cardiology

**"Get to the 'Heart' of the
Matter"**

Learn about the heart and how to keep it healthy. Understand what makes a good heart and a sick heart. Use the tools of diagnosis- EKG machine, measure blood pressure, and a stethoscope- so you can hear the heart and measure its performance and understand the science of the most important health problem in America!

Chocolatier

Emily Gardner
Emily's Chocolates

"Chocolate!"

Do you play with your food? Does the word chocolate make your mouth water? Are you someone who doesn't mind getting dirty? Combine great taste with happy occasions and add a dash of creativity. That's the life of a chocolatier! For a preview, watch as chocolates are being made, and see some of the beautiful things that you can do with chocolate. Best of all, make some chocolate yourself and see if you have a taste for the good life!

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Web Designer	<i>Stony Brook University Department of Computer Science</i>	“Make Your Own Homepage”	Is it harder to catch a fly in a web or catch your eye on the web? We'll show you some ways to snare the web surfer in your corner of the world wide web.
Choreographer	<i>Debra Punzi Ballet Long Island</i>	“Life is a Dance”	Unleash your creativity, become a choreographer. In these dynamic workshops, each student will work with choreographer, Debra Punzi, and professional dancers from Ballet Long Island. Learn what it takes to become a professional dancer or choreographer. Students will dance and choreograph in both ballet and Broadway Theater- Style dance.
Astronomer	Dr. Robin Herrnstein	“Astronomy: More than Meets the Eye”	In astronomy, the Universe is your laboratory, but since everything is so far away, you must figure out ways to study things without ever touching them. By carefully analyzing the light that reaches us from distant objects, astronomers can determine how an object shines, what it is made of, and where it is going, without ever leaving the comforts of Earth. We will take a closer look at some of the ways astronomers use light to unlock the secrets of the Universe, and we'll discover that there really is more than meets the eye!
Politician	<i>Hon. Vivian Viloría- Fisher Suffolk County Legislator</i>	“The Legislative Horseshoe”	Suffolk County Legislator Vivian Viloría-Fisher invites you to be an active participant in the legislative process. Join her at Mount's mock version of the Legislature's meeting table, nicknamed the “Horseshoe”, to think about a problem that faces the community, then introduce and debate a bill to solve the problem.
Professional Artist	<i>Elizabeth Greaf</i>	“Step Into an Artist's Life”	Peek into the life of a professional artist! Watch her demonstrate the beautiful art of painting. Come and create your own watercolor picture.
Athlete, Orthopedist & Physical Therapist	<i>Dr. David Wallach Stony Brook University Department of Orthopedics Frank McCoy, PT Advanced S.P.O.R.T.S.</i>	“When the Bone Broke”	A professional athlete will talk about the world of sports. Then, see how we put on a cast and take one off with orthopedist Dr. David Wallach. He will also talk about sports injuries. You will learn what a physical therapist does to get an athlete or any other injured person back to work, to play or to living. You will learn how to use a simple piece of rubberband to exercise.