

# CMOST Chronicles

The Children's Museum of Science and Technology

Spring 2009

## CMOST Honor Dr. John E. Kelly III, of IBM with the "Explore ★ Discover ★ Imagine" Award at Anniversary Gala



The Children's Museum of Science and Technology (CMOST) is proud to honor Dr. John E. Kelly III, Senior Vice President and Director of IBM Research, with its "Explore ★ Discover ★ Imagine" Award, at CMOST's 2009 Anniversary Gala, on Thursday, May 21, 2009, for his commitment to instilling a sense of wonder and discovery in children that inspires their lifelong exploration of science and technology.

As one of the Top 20 science centers in the U.S. (*Parents* magazine, September 2008) CMOST's 2009 Anniversary Gala will not only celebrate these new successes as an institution, but will also recognize leaders in the "Tech Valley" movement like Dr. Kelly. The evening will include a cocktail reception throughout The Museum, elegant dining and the awards ceremony and presentation of the "Explore ★ Discover ★ Imagine" Award to Dr. Kelly.

Discover the wonders of CMOST, enjoy a unique evening, and support our children as they embrace a lifelong exploration of science and technology. For further information about the 2009 Anniversary Gala please contact Laurie Miedema at 518-235-2120 or at [info@CMOST.org](mailto:info@CMOST.org).

## CMOST Gearing Up for a Summer of Science Fun!

Exploding soda, dancing spaghetti, wetland wonders, robotics, snails, beaver dams, and liquid lasagna. Are you curious as to what these things are? Then CMOST Science camps are for you!



Each week kids will explore a fun topic, discover amazing and interesting scientific facts and imagine how they can utilize these ideas in their own universe.

This summer CMOST will continue our popular Co-ed camps **Junior Discoverer** for kids ages 5 to 7, and **Senior Explorer** for kids ages 8 to 10.

**GIST – "Girls in Science and Technology"** is back by popular demand. Our ladies only camp is being offered this year to girls ages and 8 to 14 in both our Senior Explorers and Tween Scientists camps. These camps are designed to engage young women in hands-on scientific exploration in a nurturing environment.

CMOST's Tween Scientists program is a new addition for children between the ages of 11 and 14. The Tween Scientist camp provides young adults with hand-on scientific experiences in many fields that will excite and inspire them.

Summer Science Camp registration is open, and we encourage you to register early as camps are filling fast! For a complete summer science camp listing and updated weekly camp availability visit [www.CMOST.org](http://www.CMOST.org)

## CMOST Chronicles is going Electronic!

Starting with the Summer 2009 edition **CMOST Chronicles** will be making its final transition to an electronic newsletter format, with hopes of reducing paper waste and reaching more people in the community.

If you are currently receiving a paper copy of **CMOST Chronicles** please send an email to [info@CMOST.org](mailto:info@CMOST.org), with "newsletter" in the subject line to begin receiving your copy via email.

# CMOST Spring Program Schedule

\*Pre-registration is required. Free for CMOST members, \$2.00 for non-members plus admission to CMOST.

## April

**Monday, April 13<sup>th</sup> Sunday, April 26<sup>th</sup>**  
CMOST is open  
10:00 AM to 5:00 PM

**\*Tuesday, April 14<sup>th</sup>, 1:00 PM Engineering Challenge**  
Join us and learn all about the world of engineering. After learning what it is and why it's important, we will try our hand at engineering the tallest paper tower and the strongest bridge.  
Ages 6+.

**\*Wednesday, April 15<sup>th</sup>, 1:00 PM Build a Catapult**  
Participants will work in teams to create a complex machine simply. They will create catapults using rubber bands to power the throwing arm. Ages 8+



**\*Thursday, April 16<sup>th</sup> 1:00 PM Bang, Twang, Toot: The Science of Sound**  
From guitars to drums to whistles, learn all about how musical instruments make sounds. Explore waves on springs and in water, experiment with vibrations to produce different sounds, and take home an instrument you make yourself! Ages 6+



**Friday, April 17<sup>th</sup> 1:00 PM Taming the Tornado Tube**  
*CMOST Members Only*  
Tornado tubes are not just for making tornados! Join us in these hands on exploration of miscible and immiscible solutions. By using cyclone tubes we will explore density, suspending colors and much more in this fun and exciting member's only workshop. Ages 8+

**\*Sunday, April 19<sup>th</sup> 1:00 PM Investigating Oobleck**  
What is Oobleck, is it a solid, liquid or a gas? Join in on the hands-on fun and work together as a team to describe and

classify this mysterious substance. Ages 4+



**\*Friday, April 24<sup>th</sup> 10:15 AM Trees are Terrific**  
Come and join CMOST staff in an exploration of trees. We will learn why trees are important, read a story about trees and make a Terrific craft to take home. Ages 2-5

**\*April 25<sup>th</sup> CMOST Earth Day Activity 11:00 AM If You Care Leave Them There**  
This workshop will explain why animals need to stay in their native habitats. We will learn about animal injuries and meet a Wildlife Rehabilitator. Ages 4+.

**\*Sunday, April 26<sup>th</sup> 1:00 PM Do Worms Eat Your Garbage?**  
Have you ever heard of vermicompost? Join us as we learn about the decomposers that you can put to work for you! Worms! We'll learn about decomposers, how they can help you compost and much more in this fun, down and dirty workshop. Ages 5+.

## May

**Saturday, May 2<sup>nd</sup> 7:00 PM Camp In at CMOST: Water Wonders Everywhere!**  
Imagine living in a world of water, meet CMOST's animals and explore how behaviors on land affect the water world. This camp-in meets the Girl Scout requirements for the Water Everywhere Try-It and the Water Wonders Badge. Visit [www.CMOST.org](http://www.CMOST.org) for more information. *(Pre-registration is required.)*



**\*Sunday, May 3<sup>rd</sup> 1:00 PM The Best Blobber & Other Polymers**  
Poly ..... mer! What is a polymer? Join us in our exploration of all things ooooooey, gooeeey and not quite solid or liquid! We'll create polymers to take home including cool casein characters. Ages 5+



**Tuesday, May 5<sup>th</sup> 1:00 PM – 2:30 PM Homeschool Program What Is In a Watershed?**  
Why does it matter what we do in our backyards? Where does that creek go anyway? Become a stream scientist and learn what a watershed is, experiment with what happens to the water in your watershed and get our hands dirty during this cool class in environmental science. *Ages 6-10 (Pre-registration is required, \$6 per child)*

**Saturday, May 9<sup>th</sup> KidWind Regional Competition at CMOST**  
This design competition seeks middle and high school students interested in testing their engineering and scientific prowess as they build the most powerful and elegant student wind turbines ever constructed. Visit [www.CMOST.org](http://www.CMOST.org) for more information.

**\*Thursday, May 14<sup>th</sup> 10:15 AM T is for Turtle**  
Have you ever met a turtle? How do they protect themselves? What do they eat? Join CMOST staff as we meet the turtles from our collection, create a turtle craft and do some cool turtles moves! Ages 2-5



**\*Saturday, May 16<sup>th</sup> 1:00 PM Discovering Density**  
What goes up must come down! Or does it? Join us for an exploration of all things density. We will experiment with hovering veggies, Cartesian divers and much more in this hands on, wild and crazy, workshop. Ages 6+

**\*Sunday, May 17<sup>th</sup> 1:00 PM The Chemical Gardener**  
Did you know that chemistry has a lot to do with how your garden grows? The pH of the soil where you plant your garden can completely change the color patterns of your garden. Join us as we experiment with acids and bases and plant some plants in



different conditions for you to take home to study. Ages 6+

**\*Saturday, May 23<sup>rd</sup> 1:00 PM World Turtle Day Celebration**  
Come and learn about the turtles that live in your backyard! We'll meet turtles, learn about the other turtle inhabitants of NYS and create cool turtle crafts to take home. Ages 4+



**\*Friday, May 29<sup>th</sup> 10:15 AM What Is With the Weather?**  
Is it sunny out today? Or is there a chance of rain? What do those fluffy clouds mean? In this workshop we will work together to build a colorful cloud chart, experiment with our own rain drops and more in this fun introduction to basic weather concepts. Ages 2-5

**\*Saturday, May 30<sup>th</sup> 1:00 PM Hooray for Horseshoe Crabs**  
Horseshoe crabs are not only older than the dinosaurs; they are also of great benefit to humans. Find out why, meet one of our resident horseshoe crabs, and make a life-sized horseshoe crab model to take home. Ages 4+



**\*Sunday, May 31<sup>st</sup> 1:00 PM Circuitry Science**  
Have you ever wondered what a circuit is? Had the chance to build your own? Join us as we go crazy building circuits, and learning about the different types of circuits. We'll even create a type of circuit with our bodies! Ages 8+

## June

**CMOST Member Camp In**  
**Saturday, June 6<sup>th</sup>, 7:00 PM**  
**CMOST members Family Camp In**  
Don't miss this special treat for CMOST parents and children

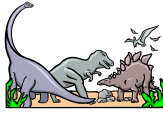


ages 5 and up! Looking for a unique family vacation? Join us for a night at CMOST as we explore, discover and imagine the world of science and technology together! For additional information visit [www.CMOST.org](http://www.CMOST.org).

**\*Sunday, June 7<sup>th</sup>**  
**1:00 PM**  
**The Slipperiest & the Slimmies**  
 Learn about amphibians through an interactive presentation with live animals. Then join the CMOST staff outside to search for frogs and salamanders.  
 Ages 5+.

**\*Saturday, June 13<sup>th</sup>**  
**1:00 PM**  
**Discovering Dinosaurs**  
 What do you know about dinosaurs? What do scientists know about them? Is what all of

us know changing? Join us as we learn about these prehistoric creatures through hands on activities and leave as an educated Jr. Paleontologist! Ages 8+



**\*Sunday, June 14<sup>th</sup>**  
**1:00 PM**  
**Backyard Fossils**  
 Have you ever been on an adventure and found a rock with a weird imprint on it? What is that imprint? Join CMOST staff as we discover what those fossils are, what types you can find here in New York State and particularly in your own backyard! After learning about fossils, we will make our own fossils to take home. Ages 4+

**\*Wednesday, June 17<sup>th</sup>**  
**1:30 PM**  
**Dig a Dino**  
 Become a paleontologist with your very own "fossil," explore the impressive scale of dinosaur life and meet a living reptilian cousin of the dinosaur. Ages 4-7



**Thursday, June 18<sup>th</sup>**  
**7:00 PM**  
**CMOST Night**  
**"Walking With Dinosaurs"**  
 Times Union Center

**\*Saturday, June 20<sup>th</sup>**  
**1:00 PM**  
**The Incredible Journey**  
 Let's take a journey with a raindrop. Join in as we explore the water cycle, create a water cycle wheel and participate in different hands on activities that

move us through the water cycle. Ages 5+

**\*Sunday, June 21<sup>st</sup>**  
**1:00 PM**  
**Chemistry of Toys**  
 Join us in this exploration of the science behind many of your favorite toys. We'll make gak, silly putty and much more in this hands on exploration of the world of toy making! Ages 5+.



**Monday, June 22<sup>nd</sup>**  
**CMOST Summer Hours**  
 Monday through Saturday 10 AM to 5 PM

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