

## Media Release

Roper Mountain Science Center  
402 Roper Mountain Road  
Greenville, SC 29615  
(864)355-8900

Val Mosher, (864) 355-8912 vmosher@greenville.k12.sc.us  
Lalongia Pepper, (864)355-8903 lpepper@greenville.k12.sc.us

# STEMFest -For the Love of Engineering!

Greenville, SC February 4<sup>th</sup> , 2015

Explore the world of STEM (Science, Technology, Engineering and Math) that shapes our every day lives! Roper Mountain Science Center, local engineers and scientists celebrate STEM with fun-filled hands-on activities for all ages. STEMfest takes place at Roper Mountain Science Center on **February 14<sup>th</sup> from 9AM to 1PM**. This event is supported by community partners; BetaBox, Clemson University Engineering, FIRST Robotics teams of the Upstate, Fluor, GE/ASME, Greenville Drive, Greenville Technical College, I2Pi, iImagine Upstate, J. Harley Bonds Career Center, kVA, Lockheed Martin, Michelin, Milliken, students from East North Street Academy and Upstate SC STEM Collaborative.

### A sampling of STEM events throughout the Day for Families:

- **Fluor** will provide Engineering Challenges for children ages 6 and up (scouts and non-scouts). Webelo Cub Scouts can earn requirements towards their “Engineering” badge. Girls Scouts can find inspiration for their “Make Your Own” badge!
- “**Energizing Future Engineers**” **GE and American Society of Mechanical Engineers (ASME)** help you become the engineer in the student design center!
- ***Race your Engin-eer!*** Join the race as **Lockheed Martin Engineers** will help you learn about reverse engineering and discover what lawnmower engines and airplanes have in common!
- **BetaBox- Mobile Prototyping Lab** premieres in the Upstate! Visitors will explore problem-solving and prototyping with the latest learning-by-doing technology including 3D scanning and printing, laser cutting and more!
- Get “charged up” and explore electricity with **Milliken!!!**
- **IT2Pi** will showcase an array of technologies, from the kid-programming software Scratch, to an Arduino catapult and a demo of the Google Glass!
- At the **Michelin** Lego© Challenge, you will explore the manufacturing process. Can you assemble the Lego parts using the information on the drawing?

- Investigate concrete and steel and make a unique Valentine's Day project with **Clemson Civil Engineering and local Greenville company kVA!** Also, learn about bio-medical engineering with **Clemson Creative Inquiry** staff and students!
- **FIRST** Robotics team the Wade Hampton High School Generals will share their amazing robots!
- Figure out how a square wheeled trike works and explore solar energy with **Greenville Technical College!**
- Meet the team from **iImagine Upstate** and get a preview of their BIG STEM event coming to downtown Greenville!
- There's an app for that...! The staff from the **Upstate SC STEM Collaborative** will be STEMulating Kids' STEMagination with apps for all ages!
- **J Harley Bonds Career Center** will be bringing the NAO humanoid robot! A must see!
- **East North Street Academy students** will let you get hands-on with solar energy!
- Visitors will also have the opportunity to meet the **Greenville** mascot REEDY RIP'IT!

Roper Mountain Science Center is open to the public on the Second Saturday of each month. Activities will be ongoing in the Marine Lab, Tropical Rainforest Habitat, Daniel Observatory, and the T.C. Hooper Planetarium.

**STEMFest @Engineering Day Saturday hours are 9:00 AM-1:00 PM.** Admission is: \$5 for children (ages 5-12); \$6 for Teens and Adults (ages 13-59); and \$5 for senior citizens (age 60 and over). All events are included in the general admission to the Center. Free for children age 4 and under, RMSC Association members, or School District Employees.

Roper Mountain Science Center is owned and operated by Greenville County Schools as an educational resource for teachers, students, families and adults. Roper Mountain Science Center is located at 402 Roper Mountain Road, Greenville, South Carolina. Check out the Center's website at [www.ropermountain.org](http://www.ropermountain.org) for directions to the Center or information about special events and other programs. For further information, please call the Center at (864) 355-8900.

**Roper Mountain Science Center**  
**National Engineers Week, Feb 22<sup>nd</sup> - 28<sup>th</sup> 2015** [www.ropermountain.org](http://www.ropermountain.org)  
[www.discovere.org/our-programs/engineers-week](http://www.discovere.org/our-programs/engineers-week)