



Roper Mountain Science Center

EXPLORATIONS

Fall Programs and Events

2013

www.ropermountain.org

STARRY NIGHTS IN THE PLANETARIUM

Double-Feature Showing through
Friday, November 22, 2013

ASTRONAUT



Showing at 7:00 &
8:15 PM

The exploration of space is the greatest endeavour that humankind has ever undertaken. What does it take to be part of this incredible journey? What does it take to become an

astronaut? Experience a rocket launch from inside the body of an astronaut. Explore the amazing worlds of inner and outer space, from floating around the International Space Station to maneuvering through microscopic regions of the human body. Discover the perils that lurk in space as we subject "Chad," our test astronaut to everything that space has to throw at him.

Ring World



Also Showing at 7:00 & 8:15 PM

Ride along on the Cassini-Huygens Mission to Saturn. After nearly seven years and two billion miles in transit, the spacecraft Cassini is currently exploring Saturn. The Huygens probe, carried by Cassini, landed on the surface of Titan and sent back the first-ever images of Saturn's largest moon. Sit back and enjoy this full-dome, close-up view of one of the most intriguing planets in the solar system -- a world of unparalleled beauty and the undisputed "Lord of the Rings" -- Saturn. *Narrated by Star Trek Enterprise actor John Billingsley, produced by NASA's Jet Propulsion Laboratory*

INSIDE

Programs for Pre-School Child & Adult	2
Special Events	2
Volunteer Opportunities.....	2
Birthday Parties	2
Boy & Girl Scout Programs	3
Sponsor an Animal.....	4
Friday "Starry Nights".....	5
Roper Mountain Holiday Lights	5
RMSCA Membership	5
Upcoming 2nd Saturdays	6

E-Subscribe

Keep up with what is happening at the Science Center. Go to our website www.ropermountain.org and subscribe to receive our email news!

Get Email Updates

Email:

The TROAD Run On Roper Mountain



3rd Annual
TROAD 5K/8K
Trail and Road Run

Saturday, September 21st
at 8:30 AM

Presented by
Roper Mountain Science Center
and Greenville Water

- 5K Course covers 3.1 miles of road and trail on Roper Mountain and the adjacent Greenville Water property.
- 8K Road Run held simultaneously with the 5K, going offsite into the neighborhoods and roads surrounding RMSC.
- \$25 per runner. Limit of 300 runners.
- Family Run to follow TROAD Run at no charge
- All proceeds benefit the programs of RMSC

For more information please visit:
www.runropermountain.com

Details and registration at
www.go-greenevents.com

Volunteer Opportunities

We are currently looking for diverse, enthusiastic individuals who are interested in volunteering at Roper Mountain. We will be offering training as well as volunteer incentives for individuals who are interested in assisting in our public programs and/or fundraising events. There are many different positions for which to volunteer, whether you like to work with the public or behind the scenes.

OPPORTUNITIES INCLUDE:

Gardens and Arboretum

Natural Science

Physical Science

Living History Farm

If you want to help or are interested in finding out more about opportunities, please contact:

Dr. Brandis Hartsell, Curator of Marine & Earth Science
bhartsel@greenville.k12.sc.us or 864-355-8928

PROGRAMS FOR PRE-SCHOOL CHILD WITH ADULT

Please call first and reserve space at 355-8901 (10 AM - 4 PM)

Fridays on the Farm

Come visit the Living History Farm for some Friday fun!! Each program includes hands-on activities, a story, a visit to one Farm location, a snack and time with our farm animals.
ONE adult must accompany child.

For: Children ages 3-5 (ONE Adult per Child)

Times: Session 1 ~ 9:30-10:30 AM or
 Session 2 ~ 11:00 AM -12:00 Noon

Cost: \$8 per child RMSCA Members
 \$10 per child Non-Members
 No charge for ONE adult



THEME	DATES	DESCRIPTION
Garden Party	September 6	Big Fun in the vegetable garden and a tea party, too!
Wild & Woolly	September 13	We'll meet the sheep and use their wool for a cool project!
Pioneer For a Day	September 20	Build a log cabin and help with chores on the farm.
Lucky Duck	September 27	Come feed our happy duck, quack, quack!

SPECIAL EVENTS



Mark Your Calendars!

2014 Summer Exploration Camps

Walk-In Registration Day for RMSCA Members

Thursday,
 February 20, 2014

Must have current membership by Friday, February 7, 2014 to register.

"Under the Seas" Birthday Party

Celebrate your child's special day in the Marine Lab.

Join us for a birthday celebration for your child! Our Birthday Party includes a visit to the Marine Lab aquarium and touch tanks, and table materials and favors for a themed "Oceans" party. You provide the food and cake.

Time: 3:30 - 5:00 PM

How to Register:

***** Pre-registration is required! *****

Please refer to the information flyer and download a Registration Form from our website

*(look under Public Programs/Explorations Workshops)
www.ropermountain.org*



2nd Gardening for Good Garden Symposium

at
 Roper Mountain Science Center
 in the Symmes Hall of Science

Saturday, January 18th

*For more information visit:
www.ggardeningforgood.com*



WEBELO & GIRL SCOUT PROGRAMS

Roper Mountain Science Center Association would like to thank the following Membership Supporters:

Corporate Sponsors

The Spinx Company
 B.M.W. Manufacturing
 Publix Super Market Charities
 Piedmont Arthritis Clinic, P.A.
 Fluor Corporation
 Blue Ridge Electric Co-Op
 Blue Ridge Security Solutions
 Chick-Fil-A at Pelham Road
 MTC Federal Credit Union

Benefactors

Dr. & Mrs. Sheay Noel
 Mr. & Mrs. Keith Schemm
 Mr. & Mrs. Allen Timmons
 Mr. & Mrs. Bill Hardaway

Sponsors

Mr. & Mrs. Michael Aleksinas
 Mr. & Mrs. Doug Adomatis
 Mr. & Mrs. David Barrow
 Mr. Paul Brown
 Mr. & Mrs. M. Cinquemani
 Mr. & Mrs. John Cox
 Mr. & Mrs. Chris Desoiza
 Mr. & Mrs. Ron Dover
 Mr. & Mrs. Jack Eason
 Mr. & Mrs. Tim Epps
 Dr. & Mrs. Jerry Ferlauto
 Mr. & Mrs. Eric Graben
 Drs. Tom & Linda Hamilton
 Mr. & Mrs. David Henderson
 Mr. & Mrs. Erinn Hipp
 Mike Jaskwhich
 Martha Jones
 Mr. Michael Kilgore
 Mr. & Mrs. Phillip Kilgore
 Dick Kosa
 Mr. & Mrs. Carl Krauth
 Mr. & Mrs. Benji Manning
 Mr. & Mrs. Chris Mazur
 Mr. & Mrs. Jermei Mehlem
 Mr. & Mrs. Craig McCotter
 Mr. & Mrs. Philip Miller
 Mr. & Mrs. John Murzycki
 Mr. & Mrs. Michael Petty
 Mr. & Mrs. Harry Reider
 Mr. & Mrs. Larry Robertson
 Mr. & Mrs. Franklin Sease
 Dr. & Mrs. Hal Shaw
 Mr. & Mrs. Patrick Shirley
 Mr. & Mrs. Harry Shucker
 Dr. & Mrs. Mitchell Wolin
 Judy Wyatt

WEBELO ACTIVITY BADGES

Fulfill badge requirements for:
 Naturalist, Forester, Geologist and
 Scientist (BSA STEM activities)

Dates: 2nd Mondays each month (Naturalist & Forester)
 3rd Thursday each month (Geologist)
 2nd Monday each month (Scientist)

Time: 4:00 -5:30 PM

Place: Harrison Hall of Natural Science (Naturalist,
 Forester & Geologist)
 Symmes Hall of Science (Scientist)

Cost: \$40 for 5-10 Scouts; \$60 for 11-15 Scouts;
 \$80 for 16-20 Scouts
 Two adult leaders are required per den
 and leaders are free.

Registration: Call to reserve a space
 (355-8901, 10 AM- 4 PM)

Get more information and download
 a registration flyer at
www.ropermountain.org

GIRL SCOUT WORKSHOPS

Earn requirements toward the following
 Skill Building Activity Badges
 (AVAILABLE THROUGH NOVEMBER 2013):

JUNIORS - GRADES 4-5

Dates: 3rd Mondays through November 2013
 Flowers - (Living History Farm)

Dates: 4th Mondays through November 2013
 Product Designer - (Symmes Hall of Science)

Time: 4:00 - 5:30 PM

Cost: \$40 for 5-10 Scouts; \$60 for 11-15 Scouts;
 \$80 for 16-20 Scouts
 Two adult leaders are required per
 troop and leaders are free.

Registration: Call to reserve a space
 (355-8901, 10 AM- 4 PM)

Get more information and download a
 registration flyer at
www.ropermountain.org

SC F.I.R.S.T. LEGO League Greenville Regional Qualifier



“Nature’s Fury”
 Prepare. Stay Safe. Rebuild.

Saturday, December 14, 2013
 9:00 am - 4:00 pm

Held at
 Wade Hampton High School

Over 25 teams of 3rd - 8th graders will
 be competing. Come watch the robots
 compete head to head on LEGO
 tables, taking on challenges.
 Open to the Public!

www.ropermountain.org

Thanks to all other membership
 supporters!

RMSCA Membership Levels

ALL LEVELS

Admission to Second Saturdays, Planetarium shows, and Starry Nights
 Summer Camp early notification, discounts and advanced registration
 Program and events discounts (not Holiday Lights) as noted in the RMSC Explorations Guide and website
 Admission to over 300 science centers and museums world wide. Visit the Association of Science-Technology Centers at www.astc.org and choose Passport Program to find participating facilities
Roper Mountain Science Center Explorations Guide which is full of new and upcoming events

SENIOR CITIZEN (age 60+) - \$20

One year admission for the senior citizen

INDIVIDUAL (must be 13 years old) - \$25

One year admission for the individual

TEACHER'S FAMILY - \$35

2 Adults and children in the immediate family age 18 and under. Public/Private School Teachers provide teacher's ID. Home School Teachers provide current proof of Home School Status.

FAMILY - \$45

2 Adults (or grandparents) and children (or grandchildren) ages 18 and under in the immediate family.

SPONSOR - \$100

Family Level Benefits to also include college-aged children
 Admission for 2 additional accompanying guests
 Sponsor Pass to one additional special event (NOT Holiday Lights)
 Recognition in the RMSC Explorations Guide

BENEFACTOR - \$250

Sponsor Level Benefits
 Admission for two additional (4 total) accompanying guest passes
 Benefactor Pass to two additional charge special events (NOT Holiday Lights)
 Recognition on website

You Can Sponsor a Harrison Hall Animal!



The reptiles, amphibians, marine animals, and others that you love to love can use some help! Can you provide funds to offset the costs of food, medicine,

and housing materials? You'll receive a photo and history of an animal, along with the opportunity to visit upon arrangement with the Marine or Natural Science Curator.

Please use the application form at the bottom of this page to donate at the following levels:

Sponsorship Levels:

(check all that apply)

- Amphibian Level \$10.00
- Marine Level \$25.00
- Reptile Level \$50.00
- Tilly Level \$100.00

Check the "Marine" or "Life Science" box and write down the corresponding donation from the above list.

Help the Living History Farm by becoming a Farm Animal Friend!

Would you love to bring a farm animal home, but just don't have the room? Then a sponsorship through the Farm Animal Friend Program is the answer! For a small donation you can help cover food, bedding and veterinary costs. You will receive a photograph and your animal's story, along with the opportunity to visit in person (visit to be arranged with Living History Farm Curator). Sponsorships also make a unique gift for friends and relatives! With your support we can continue to provide excellent care for our animals and you can feel good knowing you had a part in their care.



Sponsorship Levels:

(check all that apply)

- Sheep Level \$10.00
- Horse Level \$25.00
- Cow Level \$50.00

Use the form below, fill out and mail in.

Check the "Farm" box and write down the corresponding donation from the above list.

Animal Care Sponsor

Name: _____

Address: _____

City/State/Zip: _____

Telephone: _____

Email Address: _____

Home Phone: _____

Cell Phone: _____

Please check which area you would like to support with your donation.

- Marine
- Natural Science
- Farm

\$ _____ Donation

Mail this panel and your check made payable to:

RMSC Association
 ATTN: Animal Support
 402 Roper Mountain Road
 Greenville, SC 29615



FRIDAY "STARRY NIGHTS"

*Planetarium Shows and View through
the Daniel Observatory Telescope*

**Every Friday night through
November 22nd**

Evening visitors are treated to three different shows in the T.C. Hooper Planetarium. Each is exciting, educational, and just plain fun! In the Daniel Ob-

servatory the real stars and planets are seen through the eighth largest telescope of its kind in the nation. The historic "War of the Worlds" telescope provides views which are truly breathtaking!

Starry Nights is closed during Holiday Lights.

Planetarium Show Schedule

Tickets purchased will get you into
ONE showtime ONLY
(unless you purchase a combo ticket)

7:00 PM *Astronaut & RingWorld*
Carolina Skies *(live sky talk)*
Cosmic Rollercoaster
Viewing at the Observatory

8:15 PM *Astronaut & RingWorld*
Carolina Skies *(live sky talk)*
Cosmic Rollercoaster
Viewing at the Observatory

Purchase Tickets at the Planetarium

\$5.00	Adults and Teens
\$4.00	Children (ages 5-12)
\$4.00	Senior Citizen (age 60 and over)
FREE	RMSC Association Members

Observatory Sky Viewing
8:00 - 10:00 PM
(weather permitting)

Cash & Check Only

Join RMSCA

YES, I want to

renew my membership!
 buy a membership!

**Roper Mountain Science
Center Association**

Benefits Include:

Free admission to planetarium and observatory programs and Second Saturdays

Free admission to over 300 other science centers worldwide

Members Only events

Free Explorations Guide and advance registration for summer science programs

Discount to Summer Science Programs

RMSCA Membership Levels:

Senior Citizen.....	\$20
Individual	\$25
Teacher's Family	\$35
Family	\$45
Grandparent.....	\$45
Sponsor	\$100
Benefactor	\$250

Adult Name(s): _____

Address: _____

City/State/Zip: _____

Telephone: _____

Number of Children: _____

Employer (optional): _____

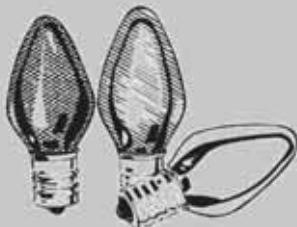
Email Address: _____

Please consider a sponsor or benefactor level if possible....thanks!

Visit our website for current and upcoming events:

www.ropermountain.org

Roper Mountain Holiday Lights



sponsored by:
Rotary Club of Greenville
and
RMSC Association

**Thursday, November 28 -
December 30, 2013
6:00-10:00 Nightly**

Join us this year for our
22nd year of
Roper Mountain Holiday
Lights.

For more information go to:

www.ropermountainholidaylights.com

RMSCA Board of Directors 2013/2014

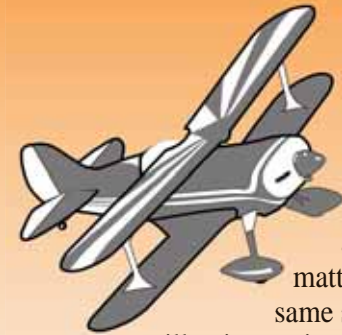
Chuck Saylor, President
Joey Sullivan, President Elect
Julie Fairchild, Secretary/Treasurer

Craig Arnold	Frank Richard
Sally Boman	Mike Sease
Murray Dodd	Paul Smith
Stacey Flax	Chris Stone
Pat Fowler	Reyna Thompson
Bill Hardaway	Callie Tourigny
Gaines Huguley	Stefan Voss
Pragna Joshi	Julie Weber
Katherine King	Sharon Whitney
Dick Kosa	
Maria Kratsios	<i>Ex-Officio Directors:</i>
Chris Loveless	Linda Hamilton
David Martin	Jeff Lawson
Kim Mazur	Greg Cornwell
Stephen Middleton	Diane Alexander
Eric Mitchell	Lisa Wells
Travis Posley	

Upcoming 2nd Saturdays

TAKE FLIGHT

October 12, 2013 ~ 9:00 am-1:00 pm

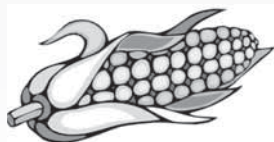


Many things fly, from natural aviators such as birds, bats and insects to human inventions such as airplanes, rockets, helicopters, and balloons! No matter what, all things that *Take Flight* must obey the same scientific principles! Throughout the day, visitors will enjoy seeing the popular Birds of Prey auditorium show, observe monarch and ladybug releases, and construct fun flying machines!

Fall Harvest Festival

November 9, 2013 ~ 9:00 am-2:30 pm

The Living History Farm will be filled with artisans, musicians, and demonstrations of life in the 1800's. Special demonstrations and hands-on activities throughout the day will include shucking, shelling, and grinding corn, and farm animal fun!



GIANTS OF LAND AND SEA

January 11, 2014
9:00 am-1:00 pm

Get ready for a "big event" featuring some of the biggest organisms to inhabit our planet! Organisms from the past reached gigantic proportions - and they weren't all dinosaurs! Join us in an exploration of what it was - and is - like to "live large!"



Fees for 2nd Saturdays:

\$6.00 Adults and Teens
\$5.00 Children (ages 5-12)
\$5.00 Senior Citizen (age 60 and over)
FREE RMSC Association Members

Cash or Check Only!

2nd Saturday in December - CLOSED