Imagine an exhibition that took 67 million years to create!

A T. rex Named Sue—at the Montshire
May 17 through September 7

A T. rex Named Sue brings the story of the largest, most complete, and best-preserved T. rex to life in a visceral experience combining visual, tactile, audible, and aromatic activities with compelling educational content.

Sue was a Tyrannosaurus rex that roamed North America about 67 million years ago, one of the last dinosaur species and one of the largest flesh-eaters ever to have inhabited the Earth. The “tyrant lizard king,” with its extraordinarily powerful jaws and massive serrated steak-knife teeth, still dominates popular perceptions of the Age of Dinosaurs.

Sue the T. rex is named for Sue Hendrickson, who discovered the dinosaur near Faith, South Dakota, during the summer of 1990. Shortly after its discovery, the fossil became the center of an intense ownership dispute. A protracted court battle ensued, and the court ruled that Sue belonged to the rancher on whose land she was discovered. The rancher decided to sell Sue at public auction.

To ensure that Sue would be preserved for future generations of scientists and visitors, The Field Museum in Chicago purchased Sue for $8.4 million at auction in 1997. After spending more than 30,000 hours preparing the more than 250 bones and teeth in Sue’s skeleton, The Field Museum made exact, fully articulated replicas so that people around the world would have the opportunity to view and study Sue.

Previously, only a handful of partial T. rex specimens had been found, none more than 60% complete. At 90% complete and exquisitely preserved, Sue is the most celebrated example of its species, permitting more detailed studies of the biology, growth, and behavior of a T. rex than previously possible.

This exhibition was created by The Field Museum, Chicago, and made possible through the generosity of the McDonald’s Corporation. © 2014 McDonald’s
Warm Welcome

The Montshire Museum is pleased to announce a major expansion of our Warm Welcome program, enhancing a longstanding series of initiatives designed to ensure accessibility to low-income families.

Montshire is now offering $2/person admission and $15 memberships to any family who shows an EBT or Medicaid Card, or a letter confirming their eligibility for the Free or Reduced Price School Meals Program. We hope families will use these opportunities to visit the Museum regularly.

Before launching this major expansion of our program in late January, we had a series of conversations with human service providers, local families and schools. We are pleased that the response has been enormously positive so far.

“I am very grateful to everyone who provided feedback and advice in the development of this initiative,” said Jennifer Rickards, Associate Director, who has spearheaded the initiative. “We are delighted that so many local families are excited about the opportunity to visit and engage with the Montshire.”

This new initiative has been made possible with support from the Jack and Dorothy Byrne Foundation.

FROM THE DIRECTOR

Dear Friends,

For 33 years, I’ve had the pleasure of serving as the Montshire’s executive director. Now it’s time to begin planning for the next chapter in the Museum’s evolution. I have announced my plans to retire in early spring 2015.

It is an ideal moment to secure new leadership to carry Montshire to yet greater levels of excellence and community service. Montshire is in a position of great strength, with excellent internal staff leadership capacity, creative momentum, and healthy finances, not to mention a superb Board of Trustees and team of volunteers. I am confident that this world-class institution will attract exceptional candidates for the new executive director.

My announcement will not slow the pace of activity and innovation in the year ahead. This coming summer we will host our most ambitious exhibition ever with the famous T. rex named Sue occupying our central exhibit gallery. Our education department is creating a “Tinkering Lab” to creatively engage young teens, and we’re developing a major teacher professional development initiative to support science teaching in the region’s schools.

With your ongoing interest and support, I know the Montshire will continue to grow and thrive as we engage our region’s families, schools and communities.

Thank you,

David Goudy
Executive Director
NEW GRANTS BRING ENGINEERING TO LIFE
The Argosy Foundation has renewed its support of the Museum’s FIRST LEGO® League team, training for first-time LEGO League coaches, and tinkering and engineering programs.

Visit the Museum this August
when we will be testing a new Tinkering Lab on the exhibit floor.

The Montshire is also collaborating with the U.S. Army Cold Regions Research and Engineering Laboratory (CRREL) to deliver a series of educational programs. Funding from the ERDC Broad Agency Announcement for Science, Technology, Engineering and Mathematics Program will underwrite STEM programs in and out of school, and provide opportunities for CRREL scientists to engage with the public.

EMPLOYEE APPRECIATION DAY FOR OUR MONTSHIRE CORPORATE ASSOCIATES
The next Employee Appreciation Day is Saturday, May 10. Employees of MCA companies are invited to bring their families for a free visit. For more information, contact michelle.kersey@montshire.org.

LUNCH SERVICE IN THE HUGHES PAVILION
Maple Street Catering will be serving up a delicious variety of sandwiches, salads, snacks, beverages, and ice cream in the Hughes Pavilion this summer, June 22–September 7, 11 a.m.–4 p.m.

NEW MONTSHIRE STAFF
We are pleased to announce the addition of two new members of our admissions team — Bev Vaughan and Will Weatherly.

EXECUTIVE DIRECTOR DAVID GOUDY TO RETIRE IN 2015
Montshire Museum’s Executive Director David Goudy has announced his plans to retire in March 2015, following 34 years as the Museum’s executive director.

“David Goudy has made the Montshire Museum his life’s work. Over the three decades of his vigorous and enlightened service, his stewardship has made a lasting mark,” said U.S. Senator Patrick Leahy. “The Montshire Museum is one of Vermont’s great treasures. The Montshire offers exhibits that are both educational and interactive, for children and adults alike. Every time I have visited with Marcelle and, especially, our grandchildren, we have left thrilled and fulfilled.”

In anticipation of a national search for Goudy’s replacement, Montshire’s Board of Trustees has engaged Kittleman & Associates, a firm specializing in executive searches for the nonprofit sector, and specifically in museum leadership transition.

“The Board of Trustees is fully committed to maintaining the high standards that David has established for the Montshire’s educational programs, exhibits, facilities and visitor services,” said Cinny Bensen, Chair of Montshire’s Board of Trustees.

POP-UP SCIENCE
Montshire is bringing the thrill of scientific discovery to communities in Vermont and New Hampshire. Montshire’s Pop-Up Science tent is our newest outreach program visiting local communities, fairs, and schools, with health science programming as well as creative engineering, tinkering, and aquatic ecology. Development of the Pop-Up Science program was funded by the National Institutes of Health through the Museum’s Science Education Partnership Award.

MONTSHIRE’S WEBSITE GETS AN UPGRADE
Montshire’s website (montshire.org) is chock-full of useful and up-to-date information about exhibits, programs, summer camp, membership, and ways to support the Museum. To make it more useful for visitors, we are optimizing the site for mobile devices and making the website significantly faster.
EDUCATIONAL PROGRAMS: SPRING/SUMMER 2014

Please visit www.montshire.org for more information and to register online.

APRIL VACATION WEEK PROGRAMS

Gravity Makes It Go!  
Monday, April 14  
10 a.m.–noon

We all know that force of gravity makes things fall. But what happens when we harness the energy of a falling object? We will experiment with motion and make a toy that uses gravity to make it go. Limit 12 participants.  
For children in grades K-2.  
Members $35  
non-members $40

All About Air  
Monday, April 14, 1–3 p.m.

Air can be a powerful tool and incredibly fun for experiments! In this workshop we will investigate the properties of air. We will squish air, move air, and use it to create wonderful pneumatic toys. Limit 12 participants.  
For children in grades K-2.  
Members $35  
non-members $40  
A supervised lunch hour will be provided for student signed up for both April 14 programs.

Toy Cars  
Thursday, April 17  
10 a.m.–3 p.m.

Imagine spending the day designing and building cars! We’ll start the day experimenting with wheels and axles to make a self-propelled toy car. Using what we learned in the morning, we’ll add motors, pulleys, and gears to make motorized cars that can zoom through the Museum. Participants get to take their car home.  
For children in grades 3-5.  
Members $70  
non-members $80

CHILDREN AND YOUTH

Books and Beyond!  
Science for Preschoolers  
April 7, May 5  
10:15 a.m. or 11:30 a.m.

This popular program combines children’s literature and hands-on activities for fun science learning and exploration. Each day features a different book and related science activity. For children ages 3–5 and their parents or caregivers.  
Free with Museum admission

Young Scientist Program  
April 23–May 14  
Mornings, 9:30–11:30 a.m.  
Afternoons, 1–3 p.m.

This weekly program includes hands-on experiments, fun projects, and individual explorations in the physical and natural sciences. Designed to engage and excite preschoolers (ages 4+) and kindergartners about science.  
For children ages 3–5 and their parents or caregivers.  
Free with Museum admission

Gravity Makes It Go!  
Monday, April 14  
10 a.m.–noon

We all know that force of gravity makes things fall. But what happens when we harness the energy of a falling object? We will experiment with motion and make a toy that uses gravity to make it go. Limit 12 participants.  
For children in grades K-2.  
Members $35  
non-members $40

All About Air  
Monday, April 14, 1–3 p.m.

Air can be a powerful tool and incredibly fun for experiments! In this workshop we will investigate the properties of air. We will squish air, move air, and use it to create wonderful pneumatic toys. Limit 12 participants.  
For children in grades K-2.  
Members $35  
non-members $40  
A supervised lunch hour will be provided for student signed up for both April 14 programs.

Toy Cars  
Thursday, April 17  
10 a.m.–3 p.m.

Imagine spending the day designing and building cars! We’ll start the day experimenting with wheels and axles to make a self-propelled toy car. Using what we learned in the morning, we’ll add motors, pulleys, and gears to make motorized cars that can zoom through the Museum. Participants get to take their car home.  
For children in grades 3-5.  
Members $70  
non-members $80

Homeschoolers Series  
Natural Explorations  
Thursdays, May 1, 8 & 15  
Ages 6–8, 10:30 a.m.–noon  
Ages 9–12, 1–2:30 p.m.

In this three-part series we’ll explore insects, plants, and various natural processes such as decomposition and energy cycles. The class includes both indoor and outdoor explorations, observations, and investigations. We will also use several types of microscopes and other tools to observe our world up close. Limit 14 children.  
Members $70  
non-members $77

ADULTS

Montshire Unleashed  
Friday, April 4, July 19, 6–9 p.m.

Allow your inner curiosity to run wild! The Montshire is open after hours for adults of all ages. Pull up a stool at the Science Discovery Lab for some amazing activities or simply explore the Museum’s visiting and permanent exhibits. Jasper Murdock Ale and wine from the Norwich Inn will be available for purchase.  
Free with Museum admission
**FAMILY**

**Homeschoolers’ Day**
Friday, March 21
10 a.m.–3 p.m.
During this special day for homeschooler families, we will explore Earth science and processes including geology, weather, and forces of erosion.
Free with Museum admission

**Special Event Days**

**Take Apart Day**
Saturday, March 29, 1–4 p.m.
Ever wonder what’s inside the household appliances you use every day? Join us and explore the “guts” of VCRs, toasters, cameras, and toys. You’ll find gears, cams, linkages, speakers, motors, and other components that work together to form complex mechanical and electrical machines.
Free with Museum admission

**Egg Drop Challenge**
Saturday, April 12, 2 p.m.
Will a raw egg survive the harrowing 18-foot plunge over the second story balcony? Build a container that will protect your egg—either at home, or at the Museum from noon to 2 p.m. Then, it’s “eggs away” as you launch your egg over the balcony.
Free with Museum admission

**Super Science Saturdays**
Super Science Days at the Montshire combine some hot topics with really cool activities.
10:30 a.m.–4 p.m.
Free with Museum admission

**Up, Up, and Away**
Saturday, July 12
Spend the day experimenting with the physics and fun of air. Make kites to fly outside in Science Park and capture the power of air by building gliders, rockets, and parachutes at the Science Discovery Lab. It promises to be an uplifting day!

**Where Learning is Part of the Fun!**
Montshire Summer Camp continues to enhance its offerings with ten unique camp programs. Along with some favorites such as Preschool Nature Camp and Upper Valley Adventures, this summer there are two new camps for youth entering 6th through 8th grade: Sketchbook Studio and Exploring Nature Through Art.

“‘We continue designing programs for kids from preschool to the early teen years that support their developing interests and skills in nature and science.’’ says Amy VanderKooi, the Montshire’s Walter Meriwether and Eleanor D. Furlow Summer Camp Director. “Learning and having fun are what camp is all about—and with the help of our skilled staff, we do a lot of both.”

Register for one or more sessions. Save $15 when you register for two weeks, and $30 for three weeks. Montshire members receive special pricing. For details on camp programs or to register online, visit montshire.org/summercamp, call 802-649-2200, or stop by the Museum.

**Microworlds: Investigation of the Very Small**
Saturday, August 23
The Science Discovery Lab will be buzzing with activity as we explore an entire world of microscopic wonders. Using an array of magnifying instruments from hand lenses to compound microscopes, you can observe everything from the weave of a t-shirt to invertebrates in pond water, to the nuclei of your very own cheek cells. Discover a whole new world just hidden from the naked eye!

**“This is one of the most well-qualified, competent and professional group of counselors I’ve ever met.” —MONTSHIRE CAMP PARENT**

**MONTSHIRE SUMMER CAMP**

Programs with fees require pre-registration
LATE MAY: Wild geranium, Solomon’s plume, and wild columbine are apt to bloom.

MAY: Gives way to red trillium, foamflower, mitrewort, and trout lily.

JUNE: Begins with fragrant sumac, beardtongue penstemon, sheep laurel, and maple-leaf viburnum.

JULY: Keep an eye out for wild leek, black-eyed Susan, Virginia rose and elderberry.

LATE AUGUST: Look for cardinal flower, showy goldenrod, Northern blazing star.

LATE AUGUST: Look for great blue lobelia, jewelweed, virgins bower.

Early May: Early wildflowers blooming include rue anemone, Dutchman’s breeches, bloodroot and hepatica.

Woodland Garden

Winding along the short interpretive path you will be greeted with native wildflowers, flowering shrubs, towering trees, a variety of ferns, mossy rock outcroppings and a seasonal stream. This is a small sample of the treasures that await you in the Woodland Garden.

Only Owls brings together an array of artworks in pencil, charcoal, ink, watercolor, and woodcut drawn from the Woodson Art Museum’s collection. Each artwork provides insight into the fascinating world of owls and demonstrates a variety of stylistic approaches by thirty artists, including Leonard Baskin, Arthur Singer, Don Richard Eckelberry, Tony Angell, and Bart Walter.

Only Owls
September 13—December 7

Sustainable Shelter
Visit before May 27

Calendar of Blooms

Montshire’s Woodland Garden provides visitors with exquisite natural beauty in a tranquil setting.
### MARCH
- 21: Friday Night for Teen Tinkerers (Y)
- 21: Homeschoolers’ Day (F)
- 29: Take Apart Day (F)

### APRIL
- 4: Montshire Unleashed: An Evening for Adults (A)
- 7: Books and Beyond! Science for Preschoolers (C)
- 12: Egg Drop Challenge (F)
- 14: Gravity Makes It Go! (C)
- 14: All About Air (C)
- 17: Toy Cars (C)
- 23: Young Scientist Program, series begins (C)
- 25: Afterschool Adventures: Science Friday, series begins (C)

### MAY
- 1: Homeschoolers Series: Natural Explorations, series begins (C)
- 2: Fiddlehead Fling—Montshire’s Benefit Auction (A)
- 5: Books and Beyond! Science for Preschoolers (C)
- 10: MCA Employee Appreciation Day (F)
- 12-14: MUSEUM CLOSED for exhibition installation
- 17: A T. rex Named Sue, exhibition opens (F)

### JUNE
- 23: Summer Camp begins
- 22: Summer food service in the Pavilion begins

### JULY
- 12: Up, Up, and Away! (F)
- 26: Nature: Up Close and Personal (F)

### AUGUST
- 9: Splash! Exploring Water (F)
- 23: Microworlds: Investigation of the Very Small (F)

---

Always check www.montshire.org for the most up-to-date information, full program descriptions, and to register.

**Symbols:**
- C = Children
- F = Families
- A = Adults
- Y = Youth
The Montshire Museum of Science features exhibits and programs on natural and physical sciences. The Montshire is an interpretive center for the Silvio O. Conte National Fish and Wildlife Refuge. The outdoor Science Park leads to a network of walking trails on our 110-acre property.

Hours: Open daily 10 a.m. to 5 p.m. Closed Thanksgiving, Christmas.

Phone: 802-649-2200

Web: www.montshire.org

Admission fees
$14 adults, $11 children ages 2–17.
Free for Museum members and children under the age of 2.
Summer rates (May 27-September 7) $16 adults, $13 children ages 2-17