

# Celebrate Discovery



Crown Hill Photography



*Rich with educationally framed real-world phenomena, (science centers) are places where people can pursue and develop science interests, engage in science inquiry, and reflect on their experiences through conversations.”*

—NATIONAL ACADEMY OF SCIENCES

**H**ave you experienced this scenario? You leave the Museum with your family after a three-hour visit and realize that you’ve all discovered something new and each of you was completely engaged. At the Montshire Museum, science exhibits engage people of all ages with real objects and phenomena, helping make connections with the world outside. Montshire’s most successful exhibits create opportunities for rich and memorable interactions and conversations.

Under David Goudy’s leadership, the Montshire has grown from its humble beginnings in a former bowling alley to an award-winning and nationally recognized science center with indoor and outdoor interactive experiences. After 34 years of visionary leadership, Executive Director David Goudy will retire in March 2015.

Because Montshire is at an exciting and pivotal moment, the Board of Trustees has created the *David Goudy Discovery Fund* to enhance the Museum’s permanent exhibits collection,

and honor David’s leadership. Many of our earliest exhibits are nearing the end of their lifecycles, so the Montshire must act now to ensure a fresh, ever-changing array of learning experiences for the next generation of Museum visitors. Never before in Montshire’s history has there been an opportunity on this scale to focus our creative energies on a comprehensive approach to our visitors’ experiences.

Montshire Museum creates exhibits with a clear and unique philosophy. “We believe that the best and most successful science exhibits emerge from an interactive and collaborative process among our designers and our visitors, comments Bob Raiselis, Montshire’s Exhibits Director. “This approach is especially critical for the design of exhibits that encourage visitors to return again and again.”

“We begin with ideas and designs that are presented to visitors as prototypes. Visitors provide feedback, modifications are made, and the revised prototype is retested. The final design and content of most exhibits is frequently very different from the initial concept. The end result, however, is engaging and rewarding for our visitors.”

Your investment in the *Discovery Fund* will create an opportunity for the Museum to create, enhance and acquire new exhibitions over the next several years.

## INSIDE

News & Notes. . . . .	4
Annual Report. . . . .	5-9
Winter Programs & Calendar. . . . .	10-11

# Montshire News



## Dear Friends,

It is an exciting time to be a Montshire trustee! I hope you enjoy reading about the Museum's evolution under David Goudy's leadership, as well as the interview that offers a personal perspective. We are thrilled to be honoring his legacy with the creation of the David Goudy Discovery Fund to enhance the Museum's permanent exhibits collection. Contributions are already having a positive influence on the visitor experience and they will continue to impact the lives of Montshire visitors in rich and wonderful ways for years to come.

The Board is fully committed to maintaining the high standards that David has established for the Museum. A dedicated and thoughtful trustee search committee is working closely with the executive search firm Kittleman & Associates. We anticipate completing the search process soon, and we look forward to a smooth leadership transition in the year ahead.

The Montshire is one of my favorite public spaces. I'm inspired by the positive energy and happy vibe associated with visitors making discoveries and enjoying quality unstructured time together. Thanks for joining me in recognizing the promise of science education and for believing in the mission of the Museum. Your support of this remarkable community resource really does make a difference.

*Cenny*

Cenny Bensen  
Chair, Board of Trustees

## Q AND A

# An Interview with David Goudy

*After 36 years as executive director of the Montshire, David Goudy will be retiring next March.*

### Go back to 1981, and paint us a picture of your first month as executive director of the Montshire.

My office was a tiny room (it may have been a former janitor's closet) at the opposite end of the building from the rest of the staff.

The Museum floor had 9" squares of linoleum tile, arranged in checkerboard patterns. The receptionist had an infant and a dog, both of which were always present. And, it looked very much like a bowling alley; there was no mistaking the architecture.

My first interview visit was on a beautiful day in May. Just as we got off at the Norwich exit, the view was spectacular— an undeveloped forested parcel to the immediate right, the river in the mid-ground, and all framed by the evergreen forest on the ridge of Hanover. And not knowing anything, I made what was a totally naive comment to the person who picked me up; I said, "That's where you ought to put your museum." It was just so gorgeous, right next to the river, and it turns out to be where we are.

### What have been the most rewarding parts of your job?

The Montshire is a place the community loves, and cares about, and they say it all the time in so many ways. To have been involved in working to make something for which there is so much community pride is ... well, it just doesn't get any better than that. Everywhere I go people stop and say what a wonderful time they had with their kids or grandkids, or just coming in as adults.



I never imagined 25 years ago that all of what we have today would be here. I am kind of astonished at what's been accomplished.

## Highlights

1981: David Goudy is named the Montshire's Director

1981

1984: Montshire purchases and is gifted 100 acres of riverfront property in Norwich



David, center, 1989

1984

1988: Montshire receives the NH Charitable Foundation's Award for Excellence in Nonprofit Management

1988

1989: Montshire moves from the former Golfside bowling alley in Hanover to its new museum building in Norwich, VT

1989

1991: Annual attendance exceeds 100,000 visitors

1991



1992: Andy's Place opens

1992

1995: The federal Institute of Museum Services gives Montshire the National Award for Museum Service

1995

### The flip side—what’s been the most challenging part of your job?

Well, the early years were really challenging because there were no resources, there were just some dreams, and there were many days that I didn’t know if we could pull this off. I can’t tell you how many times I had to call the board treasurer and say, “Payroll is tomorrow and there’s not enough money in the bank. What do I do?” It was really tough.

### What are the biggest risks you took?

Well, buying this property was one. Before I arrived, the Museum had a purchase agreement on a different piece of property. It would have offered an improvement over the bowling alley, but I didn’t think doing a little bit better was sufficient. So, we eventually shifted our attention to this property.

There were many challenges in acquiring it, for example, there was a 40,000-volt power line crossing through the middle of it. I had some hopes that we could move it, but that was an enormously difficult effort with all sorts of regulatory and joint land-owner issues. So it wasn’t clear that we could move the power lines, but we couldn’t wait to find out, and we couldn’t move the power lines until we owned the property.

Some of the most wonderful portions of the property are what is now the Quinn Preserve, which at that time we didn’t own, and once we did acquire the property we could not access it because of the railroad. It took us many years of negotiations with the railroad to get permission to go under the tracks. That, and the generosity of the Quinns, allowed us to move forward.

### What do you see as the greatest factors contributing to Montshire’s success?

Well, I think the Montshire is so clearly rooted in the community and it’s so connected on so many different levels. We have to pay very close attention

that we are doing things that people want and they care about. It forces us to be more diligent about customer service and the quality of our exhibits.

### We are celebrating 25 years in our Norwich location. How does the vision you had then compare to what the Montshire is today?

Well, I never imagined 25 years ago all that Montshire is today. It has evolved and I can’t say that I had all this in my mind back then. It’s not the case. I am kind of astonished at what’s been accomplished. It was a big task when we moved to Norwich just to come up with new exhibits to fill the larger space.

### What keeps you up at night?

I stay up at night worrying about budgets—the balance between finances and mission is always a challenge. I’ve always felt a strong responsibility to the staff to provide them with the resources they need to do their excellent work, and to the board and community to maintain a healthy financial status. There is substantial tension between these objectives, and as director I’m always at the dead center of that tension.

### Is there any one thing that you are most proud of during your tenure?

I’m really proud of the staff here. It’s truly a phenomenal staff—the way in which they work together and the way in which they care about what we are doing, the way they care about our visitors. In my experience, it’s pretty unique, and pretty special.

### So, what are you going to miss?

I will miss hearing the laughter and excited conversations of families enjoying what we’ve created.

### When you imagine the Museum in ten years, what does it look like?

Bob [Raiselis] has created a wonderful and innovative contextual framework to guide the development of our 100-acre

landscape. My hope is in ten years there will be several major outdoor features that are on the scale and quality of Science Park. And, I hope to see completion of some significant modifications to the Woodland Garden that will make it more accessible for all visitors.

I also hope that in ten years the School Partnership Initiative reaches a more stable level of operation and support. The accomplishments of this initiative are so transformative in our rural schools, yet we struggle each year with available resources.

### What about challenges for the next ten years?

Montshire has to maintain a real focus. There are many wonderful ideas, but the organization has to be focused on a core philosophy and avoid distractions.

It’s also going to be challenging to gain sufficient resources to move forward on new initiatives. We’re capable of doing some really extraordinary things as long as we can keep focused and bring in those resources.

### So what bits of wisdom do you have for the next executive director?

It will be important for a new director to really understand what’s special and unique about Montshire, which is different than most science museums. A successful director will bring new and innovative ideas to guide Montshire’s future, but they will need to be thoughtfully tested and matched to the culture of Montshire and its community.

### So, what do you plan on doing when you retire?

Oh, lots of grandchildren time. I can’t tell you how wonderful it is to visit Montshire with a grandchild—a new and delightful experience for me. And, Susan and I are looking forward to lots of outdoor adventures and travel.

*Read the full interview online*

1996: Montshire receives major NSF funding for exhibit development



2002: Montshire opens the Leonard L. Rieser Learning Center

2003: The Dartmouth-Montshire Institute for Science Education is established

2005: The Montshire Access Project provides a new entry drive and parking area for visitors

2009: Hanover Area Chamber of Commerce recognizes Montshire as Business Innovator of the Year

2009: Major project funding is awarded by NASA and the National Institutes of Health

2012: The Montshire 2020 planning process leads to a major commitment to strengthen the permanent exhibits collection

1996

1999

2002

2002

2003

2005

2005

2008

2009

2009

2011

2012

2014

1999: Pedestrian access under the railroad tracks provides visitors with access to the newly created Quinn Nature Preserve

2002: Science Park opens



Science Park

2005: Montshire’s School Partnership Initiative begins



2008: Woodland Garden opens

2011: Montshire completes the James A. and Elizabeth S. Hughes Pavilion

2014: Montshire welcomes more visitors than ever before to see *A. T. rex Named Sue*

**LEADERSHIP AND GOVERNANCE**

The following people were elected as new members of the Montshire Corporation at the annual meeting held Thursday, September 11, 2014.

- Emily Anderson, Hanover, NH
- Julian Devlin, Hanover, NH
- Marisa Devlin, Hanover, NH
- Ethan Frechette, Etna, NH
- Marcelo Gleiser, Hanover, NH
- Amy Hochreiter, Etna, NH
- Lesley Jarvis, Hanover, NH
- Joe Lavin, Potomac, MD, Norwich, VT
- Maggie Montgomery, Hanover, NH
- Bob Norman, Lebanon, NH
- Nita Norman, Lebanon, NH
- Robert Oden, Hanover, NH
- Samantha Pause, Lebanon, NH
- Maggie Pepper, Norwich, VT
- Martin Smith, Sharon, VT
- Joel Stettenheim, Norwich, VT
- Cathy Volanakis, Hanover, NH

Members of the Corporation provide strategic direction to the Montshire and serve an especially important role in shaping the Museum's future by selecting, from among the members, our Board of Trustees. The following were elected to the Board of Trustees:

- Scott Brown, Hanover, NH
- Madeline Dalton, Norwich, VT

Officers of the Corporation were elected as follows:

- Ray Sears, Grantham, NH  
Corporation President
- Peter Stein, Norwich, VT  
Corporation Vice President

At the Board of Trustees meeting held on May 19, 2014, the following 2014/2015 officers to the Board were elected:

- Cinny Bensen, Chair
- Philip McCaull, Vice Chair
- Jay Benson, Treasurer
- David Otto, Secretary

**NEW TRUSTEES**

**Scott Brown** is the founder and CEO of New Energy Capital Partners, the Manager of the NEC Cleantech Infrastructure Fund LP, which is focused on clean energy and renewable materials infrastructure investments. From 1999-2005, Mr. Brown was a member of the National Advisory Council of the National Renewable Energy Laboratory. Mr. Brown serves on the Boards of Directors of FLS Energy, Inc., Clean Energy Collective, Inc. and STR, Inc., as well as several project company boards.



**Madeline Dalton** is a Professor in the Department of Pediatrics and Director of the Hood Center for Children and Families at The Geisel School of Medicine at Dartmouth. Madeline collaborates with a variety of community organizations, including the Montshire, to develop innovative programs to promote healthy behaviors among children and families. She is internationally recognized for her research examining media influences on child and adolescent health behaviors, specifically in the areas of obesity and tobacco prevention. In 1994, Madeline and her husband, Alfredo, were thrilled to discover the Montshire Museum when they moved to Norwich, VT, with their twin boys, Erik and Alex. Twenty years later, the Montshire remains one of their favorite destinations in the Upper Valley.



**Ray Sears** is a native of New Jersey and spent most of his working career there as well. Early exposure to science museums, as well as a father and grandfather in the telephone industry, made a technical career nearly inevitable. He graduated from Cornell with a BEE degree and received MSE and PhD degrees from Johns Hopkins. After service as a commissioned officer with the US Naval Security Group and as an employee of the Department of Defense, he joined Bell Laboratories in New Jersey in 1967 and worked there until he retired. He also served as an Adjunct Professor of Electrical Engineering at the County College of Morris. The Sears moved to Grantham, NH in 1995. Mondays, Ray and his wife Audrey can be found greeting visitors and leading Science Discovery Lab activities as Montshire Explainers. They also serve on the Montshire Fund Committee. Ray and Audrey's three sons have provided the family with three daughters-in-law and eight grandchildren.



**NEW MONTSHIRE STAFF**

**Thomas White** has joined the staff as weekend maintenance personnel. He first began working for the museum seven years ago while he was in high school and is now a permanent part of the staff. Thomas is currently studying business at Green Mountain College as he undertakes his new position here at the museum.



**Heidi Underbakke** is a new member of the admissions team. She has a graduate degree from Drake University and has worked at several museums including Fort Caspar Museum, the Figue Art Museum and Mesa Verde National Park. Heidi recently moved to the Upper Valley from Madison, WI.



**Montshire.org**—This fall the Montshire launched a new website that is mobile-optimized and much faster. Check out montshire.org on your smart phone, tablet, or desktop. The site is designed to be an easy-to-use resource for you: our members and visitors. Let us know what you think.

**GALLERY SPACE EXPANDS**

Montshire has begun a significant renovation of the Museum building's first floor, creating more space for exhibits and programs. The new gallery area will increase our total gallery space by ten percent. It will provide exciting opportunities for small traveling exhibitions, testing exhibit prototypes with visitors, as well as tinkering and other special activities. Construction is expected to be complete in late December 2014.



Give a Gift of Montshire this Holiday Season!

**Montshire Gift Guide**

- ✓ Gift Memberships
- ✓ Museum Store Gift Certificates
- ✓ Admission Passbooks
- ✓ Gifts in Honor/Tribute

[www.montshire.org/membership](http://www.montshire.org/membership) or at the Museum

CELEBRATE YOUR MONTSHIRE MEMBERSHIP!

Present this coupon with your membership card for a special

**ONE-TIME 20% SAVINGS**  
on any purchase from the Montshire Museum Store.

Offer good through December 24, 2014.  
Your purchase supports the Montshire Museum and its educational programs.



## Dear Friends,

Thank you for supporting your community by supporting the Montshire. Generous donors like you contributed nearly \$220,000 in unrestricted annual gifts to support virtually every facet of the Museum's work. Your contributions give us the strength to host exciting exhibits like *A T. rex Named Sue*, which thrilled museum attendees of all ages, and to engage future scientists of all income levels.

The loyalty of so many supporters prompted us to establish our Honor Roll. Names followed by a ♦ have been giving to the Museum for at least 10 consecutive years, and those followed by a ● have been giving for five or more years.

I'd like to thank the volunteers who spend countless hours reaching out to the community on the Museum's behalf, as well as those who serve as ambassadors of the museum in so many ways. We do this work knowing how generous and valuable our contributors are.

*Justine Fahey*  
Justine Fahey

Chair, The Montshire Fund

## Friends of the Montshire Museum

Donors contributed to The Montshire Fund and/or made monetary donations to the Museum's annual auction.

### River Society

\$2,500+



Robert Aliber ♦  
James and Jane Barrett ♦  
Ray and Cynthia Barrette,  
Barrette Family Fund of the New  
Hampshire Charitable  
Foundation ♦  
Jay and Heather Benson ●  
Lisa Cashdan and Peter Stein ♦  
A. Ciardelli Family ♦  
Graham Clarke and Suzanne  
Schon ♦  
Richard and Barbara Couch ●  
KJ Dell'Antonia and Rob Seelig ♦  
Julian and Marisa Devlin  
Peter and Helen Fahey ♦  
Michael Gerling and Barbara  
Rackow Gerling ♦  
Bruce Hubbell  
Mark and Susan Israel ♦  
Kevin Lane Keller and Punam  
Keller ♦  
Dennis and Marcella Logue ♦  
Peter and Lu Martin ♦  
Peter McLaughlin and Jane Kitchel  
McLaughlin  
Carolyn and Peter Mertz ♦  
Robert and Nita Norman ♦  
David and Mary Otto ♦  
Walter Paine and Barbara Moyer ♦  
Allie Quinn ♦  
Daniel and Melissa Richards  
Matt and Margaret Rightmire ●  
Rick and Linda Roesch ♦  
Frank and Brinna Sands  
Mark and Paula Schleicher ♦  
Benjamin Schore and Kathy Rines ♦  
Ray and Audrey Sears ♦  
James A. Smith  
Dr. Joseph and Jane Stevens ♦  
Bayne and Jeanie Stevenson ♦  
Jenny and Stan Williams, Children's  
Fund of the Upper Valley of the  
New Hampshire Charitable  
Foundation—Upper Valley  
Region ♦  
Debbie Williamson ●  
Susan Williamson ♦

### Patrons

\$1,000–\$2,499

Anonymous (2)  
Emily and Erik Anderson  
K. Sandra Anderson and Reeve  
Williams ♦  
Jay and Julie Bartlett  
Steve and Cinny Bensen ♦  
Jim and Leeli Bonney ♦

Doug Britton and Katharine Fisher  
Britton ♦  
Jennifer and Peter Brock ♦  
Karen DuBois and Kerry Smith ●  
Nancy and Don Dwight ♦  
Charles and Charlotte Faulkner  
Allan and Myra Ferguson ♦  
David and Paula Ferrey ♦  
Susan and Jeff Goodell  
David Goudy and Susan  
Gallagher ♦  
Hamill Family Foundation ♦  
Windsor and Marilyn Hunter ♦  
Charles and Elva Hutchinson ♦  
Jenny and Campbell Levy  
Jack and Teresa Lyons ♦  
Philip and Stephanie McCaull ●  
Martha McDaniel and Stephen  
Plume ♦  
Patrick and Kristine McDevitt ●  
Virginia Moriarty ♦  
Judy Music and John Vogel  
Sarah Powers and Michael Taylor  
Dick and Sallie Ramsden ♦  
Jennifer Rickards and Jona Roberts ●  
Mary Lougee Ripley ♦  
John and Martha Robb ♦  
Nancy and Bob Rosenblum ♦  
Terry and Andrew Samwick ♦  
John and Karen Sanders ●  
Rick and Jan Sayles  
Anne S. Segal ♦  
Jane and Bill Stetson  
Dr. and Mrs. Robert Stragnell ●  
Daniel and Beverly Wolf ●

### Contributing Members

\$500–\$999

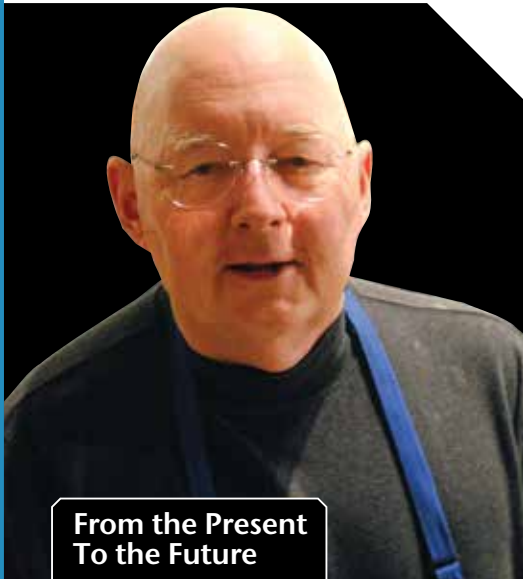
Anonymous (1)  
Ali Ashare and James Carroll  
Helena Baier ●  
Charlotte Belser ♦  
Lisa Binder and David Kahn  
Kathy and Mark Blanchard ♦  
Ann Bressett ♦  
Chip and Jennifer Brown ●  
Scott and Mary Brown ●  
Elsie Cote Memorial Fund  
Tom Crouse and Kay Enokido  
Jim\* and Debby Crowell ♦  
Crowell Family  
Stephen DenHartog ●  
Marianne and Brian Doyle ●  
David and Mary Drewek  
Justine and Pete Fahey ♦  
Gail Gentes and Phil Hanlon  
Richard Graham and Genevieve  
Verlaak  
Jessica Griffiths and Timothy  
Wennrich ●  
Alice Hance ♦  
Francis and Josie Hanlon  
Phil and Kate Harrison ♦  
Betty Heston ♦  
Daniel Hudnut and Lynn Sheldon ♦  
D.R. Hughes, Jr. ♦  
Sean and Michelle Kersey ●  
Joan Kinne ♦

Lindsay and Karl Koenig ●  
Jennifer and Justin Krawitt ●  
Barbara and George Krusi ●  
Carola Lea ●  
Patrick Maher and Joyce Solomon ●  
Rob and Nini Meyer ●  
William and Margaret  
Montgomery ♦  
Marilyn Paganucci ♦  
Gregory and Toni Prince ♦  
Robert and Elaine Santos ♦  
Sarah and Bruce Schwaegler, Bruce  
M. and Sarah T. Schwaegler Fund  
of the New Hampshire Charitable  
Foundation—Upper Valley  
Region ♦  
Barrie and Pat Sellers ♦  
Robin Shield  
Rick and Michelle Shreve ♦  
Roger and Carol Sloboda ●  
Stuart and Jean Smith ♦  
Robert and Joanne Sohrweide ●  
Hal and Carol Hill Sox ♦  
Joyce and Mark Splaine ♦  
Henry and Freda Swan  
Sarah and Ben Swanson  
Pat Vlamynek ♦  
Robin and Steve Voigt ♦  
Peter and Cathryn Volanakis

### Supporting Members

\$200–\$499

Anonymous (2)  
Anthony and Barbara Abbate ♦  
Jim and Chris Abrams ●  
Elizabeth and Clay Adams ●  
Rocco and Linda Addante ●  
Brooke and Jim Adler ♦  
Corabelle and Bob Ammel ♦  
Brent and Jamie Anderson ♦  
David and Margi Anderson  
Elizabeth Anderson and Bob Stevens  
Lorraine and Caroline Atwood  
Bridget Austin and Raj Denhoy  
Laurence Babcock and Virginia  
Stone ●  
Anne Baird and Steve Campbell ♦  
Kathy and Jim Bakal  
Jeanne and Perry Ball ●  
Rebecca Barlow and Jason Dubrow  
Gayle M. Barrington  
Christine and Donald Bartlett ●  
David and Supreet Bauer  
John and Virginia Bayliss ♦  
Ann and Mark Beams  
Nancy Bean ●  
Stacy Bebo and Patrick Crowl  
Paul Beisswenger and Carolynne  
Krusi ♦  
Mark and Laura Beliveau  
Jessica and John Bell ●  
Kate and Jeffrey Bell  
Megan Benoit and Christopher Lewis  
John and Priscilla Benson  
Jenny Bent and Chris Lea  
Daniel and Elaina Bergamini  
Brent Berwin and Kasia Bloch  
Michael and Ellen Bettman



### From the Present To the Future

Martin Smith: The single most important aspect of the Montshire, to me, is that it represents a commitment to an improved and enlightened future for our children. Everyone who supports the museum and everyone who brings youngsters to the museum is engaged in this grand project, and each of you has every right to be proud of your role.

On a purely personal level, the Montshire is a terrific, welcoming, and supportive place to volunteer. Working with visitors is very rewarding, and working alongside the museum staff is a constant pleasure. The depth of experience in the volunteer corps is legendary. The museum treats its volunteers with great consideration and I think we respond with enduring loyalty.

## Increasing Access

In January, Montshire launched a major new Warm Welcome program to increase Museum access to low-income families—and the community responded enthusiastically. This new program was developed with input from local families, human service agencies, schools and other museums in our region, and it offers memberships and visits for a highly discounted rate. Designed to engage a broader audience of economically disadvantaged people, this effort expands the Montshire's long-time commitment to accessibility.

### WARM WELCOME PARTICIPATION

- 1,081** Warm Welcome member households
- 16,904** Warm Welcome member visits
- 3,976** Free visits through human service agency referrals
- 2,163** Warm Welcome visits for \$2
- 42** Scholarships for summer camp and other programs

- Emily Blanchard and Eric Furstenberg
- Ruth and Pete Bleyler ♦
- Thomas Blinkhorn and Betsy McGean ●
- Gunnar Blix and Michele Vander Heyden ●
- John and Alice Blount ♦
- Martin and Ellen Blumberg
- Antranig and Gilberte Boghosian
- Cheryl Boghosian and Neil Roth ♦
- Richard Bower
- Frank and Mardi Bowles ●
- Susan and William Boyle ●
- Katharine Boynton ●
- Dan Brand and Caitlin Mullin ♦
- Barney Brannen and Kayla Washburn
- Karen Bresnahan and Marcy Vierzen
- Joe Bretton and Evelyn Fleming
- Clare Broadbent ♦
- Gary Brooks and Barbara Duncan ♦
- Patricia Brown
- Tom and Ellen Brydges ●
- Aaron Buck and Erin Sykes
- Elizabeth and Dexter Bucklin
- Joan Burchenal
- Harry and Nancy Byrd ●
- Yihong Cai and Jin Cheng Zhang
- Philip M. Call
- Carol Campbell and John McKenna ●
- Dawn Carey and Christopher Smith
- Chip Carver and Anne DeLaney
- Michael and Jennifer Casey
- Faye and John Chaplin ♦
- Nancy and David Charkes ♦
- Nancy Chase ●
- Carey and Melissa Chen
- Margaret Cheney and Peter Welch ●
- Lisa Christie and Chris Trimble
- Robert W. Christie
- Nicole and Jeff Chu ●
- George Clark ●
- Martha Clark
- Edmund Coffin
- Susan Cohen ♦
- Karen and Erik Colberg ♦
- Geoff and Carrie Colla
- Jillian and Matthew Collins
- Hollie and John Conway
- John Corson and Mary Schneider ♦
- Elizabeth and Margaret Coulter ●
- Keri and Kinson Craft
- Anna Crewe ♦
- Marilyn Crichlow ●
- Courtland and Marjorie Cross ♦
- Judy Cross and John Hatheway ♦
- Diane Crowley and George Hano
- Drew and Penny Cunningham
- Rebecca Dabora and Joseph Helble ●
- Larry and Linda Dacey ♦
- Madeline Dalton and Alfredo Jurado
- Jere and Elena Daniell ♦
- Susan Deane and Celestine Potter
- Tammi and Tony DeFelice
- Anna Defoe
- Dan and Leslie DeMars
- Bryant and Marilyn Denk ♦
- Kelly and David Dent
- Peter and Martha Diebold
- Susan Diesel and William Lyons ♦
- Ryan and Emilie Diller ●
- Anthony DiScipio and Jean Liu
- Therese Distaulo and Marie Hillmann ●
- Lynn Dolan and Robert Nabinger ♦
- Margo and Paul Doscher ●
- Allan and Mary Doyle ♦
- William and Barbara Doyle ♦
- Dick Dreissigacker and Judy Geer ♦
- Pamela J. Drew
- Carol and Rodney DuBois ♦
- Kirk Dufty and Tricia Lanter-Dufty ♦
- Jeffrey and Kimberly Dumont ●
- William B. and Susan Durant
- Eric Edmonds and Nina Pavcnik
- Tory and Jake Emery
- Nicole and Brendan Faherty
- Gretchen and Bob Fairweather ♦
- Richard and Patricia Fawcett
- Andrea and Paul Felix
- Sam and Becky Fielder
- Mary and Mark Fillingier ♦
- Terri Fischer and Martin Smith
- Christine Foley and Eric Zitzewitz
- John Follett and Winifred McDowell ♦
- Ken and Pam Force ♦
- Julie and Mark Franklin
- Brooke and Peter Freeland
- Andy and Katie Friedland ♦
- Carolyn and Milton Frye ♦
- Mariruth and Drew Galbraith
- Dori and John Galton ♦
- Paul and Frances Gardent
- John Gemery and Karen Loring ●
- Shawna Gibbs and Pete Moeykens
- Andrew Gibson and Faith Wood ●
- Celeste and Robin Gilbert
- John and Caroline Gilbert ●
- Maria and Michael Gilbert
- Thomas R. Gilmore
- Jennifer A. Girouard and Christopher J. Smith
- Sheila Glaess and Albert Petrella ●
- Peter and Melanie Golder
- Michelle and Steve Goldsmith
- Karen and Jon Goldstein
- Matt and Louise Golec ●
- Susan and Jeff Goodell
- Don and Susan Goodwin
- Mrs. Nora Graham, in memory of George A. Graham ♦
- Tony Abbate, Granite Value Capital
- Richard Greger and Patricia Min
- Dr. Manohar and Gurmit Grewal
- Clark and Happy Griffiths ♦
- Alfred and Sally Griggs ●
- Tricia and Adam Groff
- Dan and Dana Grossman
- Mary Lou Guerinet and Rob McClung ♦
- Marshall and Margaret Guill
- Lawrence and Julie Hall
- Thomas and Barbara Hall ●
- Brian Halloran and Ashleigh Sewell
- Vicky and David Hamshere
- Jane and Steve Handley
- Ann and Bob Hargraves ♦
- Alan Hartford and Ariana Vora
- George and Anne Hartmann ♦
- Lisa and Mark Hastings
- Peter and Gail Haubrich ●
- Don and Jane Helms ●
- Dr. Walter and Frances Herbert ♦
- Brooke Herndon and Eric Miller ♦
- Dave and Kate Hewitt ●
- Joyce Hinsley ●
- Harold and Marguerite Hiser ♦
- John and Shelley Hochreiter
- Sandra Hoeh
- Romer and Deming Holleran ♦
- Jeffrey and Joanne Holm ♦
- Jack Hoopes and Vicki Scheidt
- Kathryn and James Hourdequin
- William and Lynne Hoyt
- Jim and Ann James ●
- Pam Jenkins and David Kotz ●
- Margaret and Chris Jernstedt ♦
- Meredith Johnson and Dan LaPorte
- Kathleen Jones and Donald Perovich ●
- Jeremy and Stephanie Katz ♦
- Bob and Jean Keene
- Joanne and Alan Keiller ●
- Jennifer Keller and Donald Kreis
- Preston and Virginia Kelsey
- Francis and Pattrawadi Kennedy ♦
- Ann Kent ♦
- John Ketterer ●
- Margaret Kidder ♦
- Diane Kittredge and Alan Rozycki ●
- Lindsey Klecan and Matthew Slaughter ●
- Barbara and Robert Kline-Schoder ♦
- Tim and Nathan Kloczko
- Elizabeth Kohl and Margery Phillips ♦
- Austin and BettyAnn Kovacs ♦
- Vicki and John Kreider
- Mr. and Mrs. Stephen F. La Sala
- Kari LaFlam and Jeremy O'Shea
- David and Sharon Lamb ♦
- James and Kathryn Lambert
- Steve and Amelia Lane
- Donna Larow and Brad Osgood
- Nancy and Larry Larsen
- Joseph E. Lavin
- Stephen Lee and Stephanie Yen ●
- David and Kimberly LeFeure
- Frank and Elaine Leibly
- David and Lee Lemal ♦
- James and Elaine Lenz ♦
- Steve and Cara Liu ●
- Susan Lloyd and Jennifer Parsons
- Connie and Peter Loescher ●
- Joseph and Margo Longacre
- Elsa M. Luker
- Robert F. Lussky Jr. and Melissa Wafer ●
- Patrick Magari and Elaine Silverman
- David and Ann Malenka ♦
- John and Katie Manchester ●
- Ralph and Sally Manuel ♦
- Steve and Nancy Marion ♦
- Carol B. Martin ♦
- Vicki and Scott May
- Ana Mayor ♦
- Elizabeth and Michael Mayor
- Louis J. and Karen M. Mazzaresse
- Barbara McBride ●
- Barry and Denise McCabe
- Megan McConnell
- James and Christian McDonald
- Mike McFetridge and Nora Lusterio
- Kristin and Dan McGee ●
- Ryan McGovern and Mary Schiavoni
- Doug and Barbara McLroy ♦
- Leo and Christine McKenna ♦
- Peg and Ed Merrens
- Sarah Merrill and Michael Riva
- Bill and Pam Miles
- Jim and Susan Miller
- Chris and Kim Milliman ●
- William and Alice Moir ●
- Jennifer and Jason Moore ♦
- Lorraine Morrison
- Winifred Morrissey ♦
- Lexi and Kevin Morton
- Shelly and Robert Moses ●
- Allison and Keith Moscow
- Claire and Allan Munch
- Michael and Susan Namath
- Young Namkung and Sara Zelle Namkung
- Michael and Sally Newbold
- Joan and David Nierenberg
- Richard and Sharon Nordgren ♦
- Jeff and Heidi North
- Kevin and Karen O'Leary ●
- Nancy Osgood ♦
- Jane and George\* Palmer ♦
- Henry W. and Pauline Parker ●
- Samantha Pause
- Barbara and Henry Payson ♦
- John and Maggie Pepper ●
- Dan and Adrienne Peraza ●
- Abigail Perham and Arthur Skerker
- Bill and Liz Pierce ♦
- Kelley Pikus
- Gwen and Paul Planet ●
- Eloise Prescott ♦
- Robert and Sharon Racusin
- John Rassias, in memory of Mary Rassias
- Dustin and Elysabeth Ray
- John Reese and Deborah Frankel Reese ●
- Ruth Reeve and Barry Smith ●
- Shirley M. Reid ♦
- Stephanie Reininger ♦

Leon Resnick and Roberta Sachs  
 Moira and George Rice ♦  
 Sara and Tom Rice  
 Steve and Martha Richardson  
 Catherine Richmond ●  
 Philip G. Rickards  
 Les and Diane Riman ♦  
 David and Kathryn Roberts ♦  
 Barbara and David Roby ♦  
 Sabino and Diane Romano ♦  
 Dr. Fredric and Joan Rueckert ♦  
 Peter and Priscilla Runstadler ♦  
 Elisabeth Russell ♦  
 Emily and John Sands  
 Louis and Carolyn Sapir ♦  
 Sajjad and Shazia Savul  
 Christopher and Denize Schemm  
 John and Jill Schiffman  
 Michael and Phyllis Shankman ●  
 Henry Clay Simpson, Jr. and  
 Katherine M. Simpson  
 Robert and Anne Simpson ♦  
 Brenda Sirovich  
 Leif and Gunilla Smedman ●  
 Renee and Norman Snow  
 Roger Soderberg ♦  
 James and Margaret Southworth ♦  
 Susan and Sarah Spademan ♦  
 Dean and Doralie Stanley  
 Kathleen Stavaski ●  
 Eleanor Stephenson ♦  
 The Stettenheim Foundation ♦  
 Linda and David Stover ●  
 Matthew and Tanya Swett ♦  
 Clint Swift and Bonnie Allard  
 Swift ♦  
 Michael and Laura Tafe  
 Stuart and Jill Tane  
 William and Susanne Tanski  
 Carl and Ching-Wen Taylor  
 Janet and Tim Taylor  
 Louise and Punch Taylor ♦  
 Peter Teachout and Mary Miles  
 Teachout ♦  
 Carolyn Tenney ♦  
 Scott and Mary Susan Thibault  
 Stephanie Thomas and Brenda Vale  
 Bill and Michele Tine  
 Linda and Edward Tober ♦  
 Dorothy and Joseph Tofel ♦  
 Dr. Andrew and Gail Torkelson  
 Lily and Omer Trajman  
 Shelley and Robert Treat  
 Inge and Heinz Trebitz ♦  
 Elizabeth and William Trought  
 Paul Tuhus ●  
 Kathy and John Underwood ●  
 Sophia and Ryan van Hoff  
 Jim and Cindy Varnum ♦  
 Ross Virginia and Sandra  
 Virginia-Chase  
 Imants and Karen Vitols ●  
 Noelle and Geoffrey Vitt  
 James and Sophia Von Moltke  
 Peter S. and Pamela L. Voss  
 Gautier and Jessie Wallaert  
 Harry and Betsy Welch ♦  
 Holly and Robert West  
 Leah and Charlie Wheelan  
 Clea P. Wheeler\* ♦  
 Phil and Donna Wheeler  
 Huntley and Lynne Whitacre ♦  
 Steve and Kathy Wilkerson  
 Carol and Mark Williams ●  
 Sybil Williamson ♦  
 Thomas and Joan Wilson ●  
 Rebecca and Andrew Winter  
 Deborah and L. Kinvin Wroth  
 Arthur and Jeanne Young ♦

## Friends

Gifts above or instead  
 of an annual mem-  
 bership, \$35+

Anonymous (1)  
 Lynn Adams and Simon Carr  
 Peter Hoyle Armstrong  
 Fran and Bill Baschnagel ♦  
 Eric and Victoria Baughman  
 Jeffrey Boffa and Michele Campbell  
 Jane and Robert Boon  
 Mark Borsuk and Amy Gladfelter, in  
 memory of Carole Gladfelter  
 David and Ann Bradley  
 Craig and Jocelyn Cain ●  
 Peter Carter and Debbie McLane  
 Carter  
 Arnold Castagner ♦  
 William and Priscilla Chester ♦  
 Marguerite Collier  
 Ann Day  
 Anne Day and Alex Rimberg  
 Elias and Alison Deeb  
 Jack and Jane DeGange  
 Megan and David Donegan  
 Greg DeFrancis and Lucy Gibson  
 Larry and Betsy Draper  
 Mark G. Evans  
 Cal and Nicola Felicetti  
 Noel Figart and Peter Vinton  
 Cadence Genereaux  
 Shelley Gilbert  
 JoAnn and Roger Goodspeed ♦  
 Deborah Hogan and George  
 O'Toole  
 Noah Isenberg and Melanie Rehak  
 Yoonsoon Jang and Yongkun Jeon  
 Ryan and Allyson Johnson  
 Ben and Deb Kilham  
 Beth Krusi and Sandy Harris ●  
 Ruzhi Liang and Lanfen Yen  
 Josh and Meghan Longacre  
 W. Grant and Anne MacEwan  
 William and Phyllis Magner  
 Jean Mallary  
 Kevin McCurdy and Sarah Miles  
 Bruce and Susan McLaughry  
 Sue and Tish Mooney  
 Tom and Patricia Norton  
 Patrick and Karen O'Hern  
 Linda Patchett and Brian Walsh  
 Mary Louise Pierson  
 Bob Raiselis, in memory of Beth  
 Phinney  
 Tamara and Brett Rice  
 Gail Rickards and Adam Schwarz  
 Marilyn S. Roos  
 Colleen and Jay Rozzi  
 Richard and Margaret Schwartz ♦  
 Matthias Senger  
 Mr. and Mrs. Joel Shortlidge  
 Sierra Club, Upper Valley Group  
 Mark and Donna Sisitsky  
 Maribel and John Souther  
 Peter and Kimberly Stern  
 Amy Stockman  
 Shiela and Steve Swett ♦  
 Marcus and Leslie Tarkington ♦  
 Anthony and Barrett Thacher  
 Bill and Jen Thomas ♦  
 Ann Thompson  
 Charlie and Nancy Trautmann ♦  
 Stanley and Lee Udy ♦  
 Susan and Mark Valence ♦  
 Donald and Karen Watson  
 Bente Torjusen West  
 Samuel and Jeannette Westelman  
 Alice and Bradford Williams  
 Jim and Susan Wright ♦  
 Eugene Yeates  
 Judy Yocom and Michael Shooob

\*deceased

● 5-Year Honor Roll  
 ♦ 10-Year Honor Roll



Growing Up  
 Montshire

Heather Bell: My husband and I first bought a membership after adopting our son in 2005. Something about the Montshire calmed and comforted him, and he engaged with the exhibits at whatever level he was capable of in the moment. I'd often sit on the step in Andy's Place and wonder if he would ever catch up to the other four year olds.

Now, at age 13, my son has grown from a delayed four year old to a gifted seventh grader who loves geography and science. He's a regular at Montshire summer camps and even attended a few Teen Tinkering nights.

We are now a foster family, and almost every child in our care has spent time making giant bubbles or discovering the bear in Andy's Place. I may not get to see all the gifts your museum gives these children, but I have no doubt that they receive them. Someday, we might all benefit from the brilliance of someone whose parent or foster parent sat on that step and worried their child might be left behind.

We will continue to pay in full for our family membership, and I took the opportunity to make an additional gift today, but I'm grateful that the Montshire will be a resource for more children and more families. Thank you for making the Montshire accessible and welcoming.



## 2014 Participation

- 173,109** visitors came to the Montshire
- 4,900** Montshire members (as of September 30, 2014)
- 16,094** people participated in Montshire programs
- 13,803** school children from 305 schools in Vermont, New Hampshire, Massachusetts, and New York visited the Museum
- 3,408** students participated in one-hour science workshops led by Montshire's professional science educators
- 6,235** students participated in a Montshire Outreach program
- 488** youngsters participated in Montshire Summer Camp programs
- 564** people spent the night at the Museum as part of the Montshire Camp-in program
- 15,743** visitors participated in Science Discovery Lab activities

Donors listed in this Annual Report reflect gifts received between October 1, 2013, and September 30, 2014. We work hard to carefully review and proofread our lists and apologize if names are inadvertently omitted or misspelled. If there is an error, please contact the Montshire Development Office at 802-649-2200.



**Karen DuBois:** Our family has been enjoying the Montshire for more than three decades! My husband Kerry Smith and I both grew up in Hanover—our parents began bringing us to the Montshire when we were small, when the Museum was in the former Golfside bowling alley in Hanover. The Museum was particularly memorable for its collection of taxidermy, and for hosting a creepy haunted house each Halloween—what a thrill!

Our own children began visiting with their grandparents even before they could walk. Our kids have grown up floating objects in Science Park, making “whirligigs” at the Science Discovery Lab, and experimenting with levers, gears, bubbles, and optical illusions. They’ve thrived in Montshire’s Summer Camp programs, from Preschool Nature Camp through Outdoor Discovery and Inventor’s Camps. The Museum offers a rare combination of discovery and challenge that engages parents and grandparents right along with the kids!

My parents, Rod and Carol DuBois, have been longtime supporters of the Montshire, and I’ve enjoyed working with the Auction Committee in recent years. Through this involvement, I’ve been able to watch the Museum continue to grow, develop their exhibits indoors and out, and expand their educational programs.

We look forward to continuing our connection to the Montshire through the coming decades!

## Corporate Donors to the Montshire

### Montshire Corporate Associates (MCA)

Many local companies choose to become members of the Montshire Corporate Associates. In addition to supporting the Montshire, MCA members receive a variety of benefits including opportunities for their employees to visit the Museum, facility rental discounts, and public recognition. A full list of benefits can be found at [www.montshire.org/mca](http://www.montshire.org/mca).

The Montshire is grateful to the following businesses, which held a membership in the Montshire Corporate Associates during 2013/2014:

- Advance Transit, Inc.
- Alice Peck Day Memorial Hospital
- Allan’s Vending Service, LLC
- ARC Mechanical Contractors, Inc.
- Blue Sky Restaurant Group
- Bond Optics
- Centurion Insurance Group
- Chippers
- Chroma Technology Corporation
- Co-op Food Stores
- Coldwell Banker—Redpath & Co.
- Computac Inc.
- Concept2, Inc.
- Dartmouth College
- Dartmouth-Hitchcock
- Downs Rachlin Martin PLLC
- Economy Plumbing & Heating, Inc.
- Estes & Gallup, Inc.
- Fujifilm Dimatix
- Gallagher, Flynn and Company, LLP
- Geokon Inc.
- Global Forest Partners LP
- Hypertherm, Inc.
- Jake’s Market & Deli
- Kendal at Hanover
- King Arthur Flour
- Lake Morey Resort
- Lake Sunapee Bank
- Lang McLaughry Real Estate
- Ledyard National Bank
- Longacre’s Nursery Center
- The Lyme Timber Company
- M2S
- Martha Diebold Real Estate
- Mascoma Savings Bank
- New England Industries
- The Norwich Inn
- Otto & Associates
- Resource Systems Group, Inc.
- The Richards Group
- Schiffman, Dattilio & Liepmann, P.C.
- Stave Puzzles, Inc.
- Stebbins Bradley, PA
- Tyler, Simms & St. Sauveur, P.C.
- The Valley News
- Wells Fargo Advisors, LLC

- White Mountains Insurance Group, Inc.
- Simon Pearce
- Stave Puzzles, Inc.
- Stebbins Bradley, PA
- Timken Aerospace
- Tyler, Simms & St. Sauveur, P.C.
- Valley News
- Wells Fargo Advisors, LLC
- White Mountains Capital, Inc.

### Corporate Exhibit, Program, and Event Sponsors

These companies supported the Museum through sponsorships to underwrite a variety of exhibits, programs, and events, including the annual auction, in 2013–2014:

- Adimab, LLC
- Allan’s Vending Service, LLC
- The BaySon Company
- Centurion Insurance Group
- Chippers
- Coldwell Banker—Redpath & Co.
- Computac Inc.
- Estes & Gallup, Inc.
- Evans Expressmarts
- Four Seasons Sotheby’s International Realty
- G.R. Porter & Sons, Inc.
- Gallagher, Flynn and Company, LLP
- Geokon Inc.
- Global Forest Partners LP
- Granite Value Capital, LLC
- Green View Advisors
- Hannaford Supermarkets
- Hypertherm HOPE Foundation
- JMH Wealth Management, LLC
- King Arthur Flour Company
- Lake Sunapee Bank
- Ledyard National Bank
- Mascoma Savings Bank
- Montshire Endodontics, PLLC
- Occum Marin LLC
- Otto & Associates, Inc.
- PCM Image-Tek
- The Richards Group
- Dr. Thomas G. Schell & Dr. Patrick C. Noble, PLLC
- Schiffman, Dattilio & Liepmann, P.C.
- Simple Energy
- Smith & Vansant Architects, PC
- Stebbins Bradley, PA
- Summit Wealth Group
- Tyler, Simms & St. Sauveur, P.C.
- Von Barga’s Jewelry
- Wells Fargo Advisors, LLC
- White Mountains Insurance Group
- The Wright-Hager Foundation

### Matching Gift Companies

The following companies contributed matching gifts on behalf of their employees who

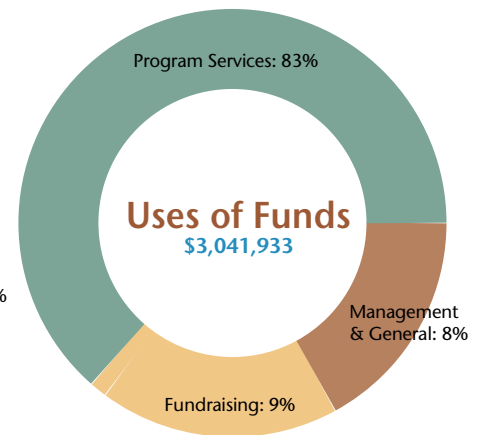
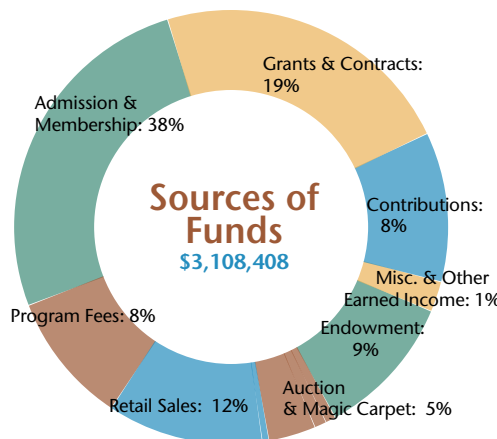
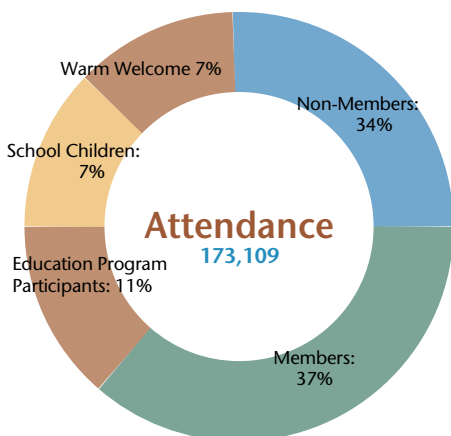
are Montshire members and donors:

- The Coca-Cola Foundation
- Deutsche Bank
- IBM Corporation
- Lumina Foundation for Education
- Mascoma Savings Bank
- Pfizer Foundation

### Gifts to Support Special Initiatives

These donors supported a variety of Montshire programs in 2013-2014, including the Montshire Endowment:

- Argosy Foundation: Teen Tinkering Program and Tinkering Lab
- Steve and Cinny Bensen: Warm Welcome Program
- The Jack and Dorothy Byrne Foundation: Warm Welcome Program
- The Couch Family Foundation: School Partnership Initiative
- The Lane & Elizabeth C. Dwinell Charitable Trust: Warm Welcome Program
- Hanover Garden Club: Warm Welcome Scholarship Program
- Hanover Rotary Club: Warm Welcome Program
- Kate and Phil Harrison: Warm Welcome Program
- Hypertherm HOPE Foundation: School Partnership Initiative
- Kevin Lane Keller and Punam Keller: Warm Welcome Program; Keller Family Fund for Special Needs
- The Kettering Family Foundation: School Partnership Initiative
- William and Phyllis Magner: Warm Welcome Program
- Bowen H. and Janice Arthur McCoy Charitable Foundation: Enhancing Montshire’s 100 Acres
- NASA: The Dynamic Earth
- National Institutes of Health: Connecting Classrooms and Community with the Health Sciences
- National Life Group Foundation: Warm Welcome Program
- National Science Foundation, through Dartmouth College: Plant Biology, Plant Genetics, Fast Plants
- Norwich Women’s Club: Animal Mound
- Gregory and Toni Prince: Rieser Internship Fund
- Bob and Nancy Rosenblum: Warm Welcome Program
- U.S. Army Cold Regions Research and Engineering Laboratory: Engineering Programs
- Sharon Hughes Young: Warm Welcome Program



These charts illustrate major sources and uses of funds comprising the Montshire’s operating budget for the fiscal year that ended 9/30/14. Note: “Uses of Funds” does not include capital depreciation. This information is taken from our preliminary year-end financial report. Copies of our completed financial statements, prepared by our auditors, Tyler, Simms & St. Sauveur, P.C., will be available soon. Please contact the Development Office at the Museum to request a copy.



## In-Kind Gifts

The Montshire is grateful to the following donors who contributed tangible gifts and services to the Montshire in 2013-2014:

Co-op Food Stores  
Keala Jewell  
King Arthur Flour  
Long Wind Farm  
Tim Martin  
Bob Raiselis  
Rick and Linda Roesch

## The Montshire Auction

On Friday, May 2, 2014, the Museum enjoyed its annual auction with the theme "Fiddlehead Fling." The Montshire is grateful to more than 50 volunteers who worked many months on the event, the 238 donors who generously contributed items and services, our 32 civic-minded corporate and foundation sponsors, and the 354 guests who attended and placed bids enthusiastically. Proceeds from this important event support education pro-

grams for students and teachers throughout Vermont and New Hampshire. All of the auction items, donors, volunteers, and corporate sponsors were recognized in the auction catalog. Thanks again to you all!

## Legacy and Memorial Gifts

The Montshire Legacy Circle: Creating a Legacy for Montshire's Future



The following donors have informed the Montshire that they have included the Museum in their estate plans through a bequest, bequest intention, trust, retirement plan, life insurance policy, or life income gift. These donors are members of the Montshire Legacy Circle and are recognized for their desire to care for the Museum into the future. Planned gifts are typically included in the Museum's endowment to help the Mont-

shire provide excellence in programming and exhibitions in perpetuity.

Anonymous (2)  
James and Jane Barrett  
Barbara Blough  
Lisa Cashdan and Peter Stein  
Arnold Castagner  
Marcy Chong and Alden Hall  
Nancy S. Dwight  
David Goudy  
Hugh Hermann  
Barbara Jones  
Peter and Lu Martin  
Carolyn and Peter Mertz  
David and Mary Otto  
Walter Paine and Barbara Moyer  
Robert and Elizabeth Porter  
Allie Quinn  
Jennifer Rickards and Jona Roberts  
Bob and Nancy Rosenblum  
Anne S. Segal  
Peter and Anne Silberfarb  
Joseph C. Stevens  
Jenny and Stan Williams  
Debbie Williamson

If you have left the Montshire a provision of any kind in your estate plan and would like to be recognized for your generosity, please contact the Development Office for a confidential conversation at 802-649-2200, ext. 225.



## The Next Generation

Wayne Gersen: As a retired school superintendent, I know that educators throughout Vermont and New Hampshire keep field trips to the Montshire in their school budgets to give their students hands-on opportunities to learn. As Upper Valley grandparents, my wife Gail Kuhl and I believe our Montshire Membership is one of the best investments we can make! Our six grandchildren love going to the museum whenever they visit and two of our nearby grandsons enjoyed the Summer Camp programs immensely. If you have grandchildren visiting this year or living nearby, get your membership today so you can share some memorable experiences!



SAVE THE DATE  
Montshire Auction  
May 1, 2015

## Montshire Trustee and Committee Volunteers 2013-2014

### Board of Trustees

Jim Barrett  
Cinny Bensen, *Chair*  
Jay Benson  
Jennifer Brown  
Lisa Cashdan  
Margaret Cheney  
Justine Fahey  
David Goudy, *Executive Director*  
Mark Israel  
Kevin Lane Keller  
Frank Leibly  
Lu Martin  
Philip McCaull, *Vice Chair*  
Peter Mertz  
David Otto, *Treasurer*  
Walter Paine  
Catherine Richmond  
Margaret Rightmire, *Secretary*  
Rick Roesch  
Andrew Samwick  
Roger Sloboda  
John Vogel  
Steve Voigt  
Jennifer Williams

### Committee Volunteers

*Executive Committee*  
Cinny Bensen  
Jay Benson  
David Goudy, *Ex-officio*  
Philip McCaull  
David Otto  
Margaret Rightmire

### Finance Committee

Cinny Bensen, *Ex-officio*  
Jay Benson  
Scott Brown  
Steve Christy  
David Goudy, *Ex-officio*  
Jim Healy  
David Otto, *Chair*  
Andrew Samwick

### Investment Committee

Cinny Bensen, *Ex-officio*  
David Goudy, *Ex-officio*  
Grant MacEwan  
Philip McCaull, *Chair*  
Peter Mertz  
Matt Rightmire  
Rob Seelig

### Governance Committee

Cinny Bensen, *Ex-officio*  
David Goudy, *Ex-officio*  
Catherine Richmond, *Chair*  
Rick Roesch

### Search Committee

Cinny Bensen  
Jay Benson  
Scott Brown  
Lisa Cashdan  
Philip McCaull, *Chair*  
Margaret Rightmire

### Development Council

Emily Anderson  
Jim Barrett

### Cinny Bensen, Ex-officio

Lisa Cashdan  
Brian Doyle  
Justine Fahey  
Mariruth Galbraith  
Mike Gerling  
David Goudy, *Ex-officio*  
Kevin Lane Keller  
Lu Martin  
Stephanie McCaull  
Carolyn Mertz  
Walter Paine  
Allie Quinn  
Amy Redpath  
Margaret Rightmire  
Rick Roesch, *Chair*  
Andrew Samwick  
Suzanne Schon  
Jenny Williams  
Debbie Williamson

### Corporate Relations

Steve Voigt

### Montshire Fund Committee

Tony Abbate  
Cinny Bensen, *Ex-officio*  
Leeli Bonney  
Jennifer Brown  
Justine Fahey, *Chair*  
Ethan Frechette  
David Goudy, *Ex-officio*  
Mary Otto  
Audrey Sears  
Ray Sears  
Fred Wainwright

### Auction Steering Committee

Emily Anderson, *Co-Chair*  
Supreet Bauer  
Keri Craft  
Gina des Cognets  
Marisa Devlin  
Karen DuBois  
Tracey Evans  
Mariruth Galbraith, *Co-Chair*  
Amy Hochreiter  
Lindsay Koenig  
Katie Madden  
Stephanie McCaull  
Adrienne Peraza  
Alicia Przydzieski  
Amy Redpath, *Co-Chair*  
Maribel Souther  
Donna Tumer

### Volunteer Advisory Committee

Jim Barrett, *Vice Chair*  
Heather Benson  
Martha Clark, *Co-Chair*  
Dan DeMars  
Maggie Montgomery, *Co-Chair*  
Martin Smith  
Joan Wilson

### Magic Carpet

Martha Clark, *Co-Chair*  
Ann Davis, *Co-Chair*  
And dozens of dedicated colleagues.

## David Goudy Discovery Fund

As noted in this publication's cover story, Montshire Museum's Board of Trustees has created a special impact fund to honor David Goudy upon his retirement after 34 years of visionary leadership. We have an exciting plan to create new and enhanced exhibits over the next several years. We've already added natural history photographs, acquired "Big Blue Blocks," and begun developing a new Bubbles exhibition to open in March 2015.

### Co-Chairs:

Rick Roesch, Andrew Samwick, Jenny Williams

### Committee Members:

Jim Barrett, Cinny Bensen, Gary Brooks, Jennifer Brown, Lisa Cashdan, Nancy Dwight, Kevin Lane Keller, Lu Martin, Carolyn Mertz, David Otto, Walter Paine, Margaret Rightmire, Bob Rosenblum, Debbie Williamson

### Lead Donors:

The Jack and Dorothy Byrne Foundation, Peter and Carolyn Mertz, Mark and Paula Schleicher, Bayne and Jeanie Stevenson

A celebration for Discovery Fund donors is planned for March 7, 2015.

**CHILDREN & YOUTH**

**Books and Beyond!  
Science for Preschoolers**

December 15, January 5, February 2, March 2, April 6, May 4  
10:15 or 11:30 a.m.

This 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**

■ **Session 3**

January 7–February 11 (6 weeks)  
Members \$175, non-members \$190

■ **Session 4**

February 25–April 8 (7 weeks)  
Members \$200, non-members \$220

■ **Session 5**

April 22–May 13 (4 weeks)  
Members \$120, non-members \$130

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.

Limit: 15 children/session

**Homeschoolers' Series**

■ **New England Animals**

Tuesdays, January 13, 20 & 27  
Ages 6–8, 10:30 a.m.–12 p.m.  
Ages 9–12, 1–2:30 p.m.

Join other homeschooled children and learn about mammals and birds of the Upper Valley in this three-part series. Using specimens from our collection of animal mounts, we'll learn about animal adaptations and behavior, and the tracks and signs animals leave behind. Weather permitting, one session will be spent snowshoeing on the Montshire's property looking for animal signs.

Limit: 14 children/class.

Members: \$70, Non-members: \$77

■ **Astronomy**

Mondays, March 16, 23, & 30  
Ages 6–8, 10:30 a.m.–12 p.m.  
Ages 9–12, 1–2:30 p.m.

Investigate the night sky and daytime astronomy in this three-part series. Explore the Earth's movement as we create a sundial and make observations using shadows, and view the night sky in Montshire's Starlab planetarium.

Pre-registration required.

Limit: 14 children/class.

Members: \$70, Non-members: \$77

**Afterschool Adventures**

Session 3: Monday, January 26,  
February 2 & 9

Session 4: Thursdays, March 12,  
19, & 26

For kids who love "doing" science! This is an opportunity to explore science and nature using hands-on experiences and real experiments. Hypothesize, test, observe, and use your creativity. Explore a different theme each week!

For children in grades K-2.

Drop off between 3:15 and 3:30, pick-up at 5:15 p.m.

Limit: 12 children.

Members \$90, non-members \$100

**Inventors Afterschool**

Tuesdays, March 17, 24, & 31

This three-part series is perfect for children who enjoy building, tinkering, and figuring out how things work. Investigate simple machines, mechanics, energy transfer, and more, as we design and build. For children in grades 3-6. Limit: 12 children. Drop off between

3:15 and 3:30 p.m., pick-up at 5:15 p.m. Members \$95, non-members \$105

**Friday Nights for Teen Tinkerers**

Fridays, 6:30–8 p.m.

The tinkering studio is open! Come and spend a Friday night away from your parents and younger siblings! Design, create, and build something cool—a robot that draws, an electronic blinky bug, tessellating designs. You'll have a chance to use your imagination and sharpen your neurons. Sign-up for one session, or all of them, or just drop in. Each month will explore a different topic. For youth grades 6–9.

Members: \$6, non-members: \$8  
Pre-registration encouraged.

■ **Light Painting:**

January 23

Take advantage of the early darkness to paint with light!

■ **Stop Motion Animation**

February 27

Use our iPads or bring your own and make your own unique stop motion films.

■ **Chemistry of Color**

March 27

Learn about and experiment with inks, dyes, and unique methods for changing the color of things.

**Flying Marshmallows**

Monday, January 19  
10 a.m.–noon\*

Air is free, invisible, and ubiquitous but with some know-how we can make it do amazing things. We will start with a series of experiments to discover the characteristics of air and the principles of air pressure. Then, using these principles, you'll build your own air-powered mini-marshmallow shooter to take home. For children in grades K-3. Limit 12 children.

Members \$35,  
non-members \$40

**Kitchen Science**

Monday, January 19  
1 p.m.–3 p.m. \*

We are opening the Museum's kitchen cupboards and pulling out a variety of sticky and slimy experiments. Explore some biology and chemistry as you make and test different concoctions. For children in grades K–3. Limit 12 children.

Members \$35, non-members \$40  
\*A supervised lunch period is available for children who sign up for both the morning and afternoon programs on Monday, January 19

**New: February Break Science Camp**

Tuesday–Friday

February 16–20, 9 a.m.–3 p.m.

Come one day, or come to them all. Each day will bring a different topic and new projects along with games, friends, and fun. We'll go outside, too, weather permitting. Think summer camp, but in the winter! Monday: Electricity, Tuesday: Engineering, Wednesday: Nature Big and Small, Thursday: Kitchen Science, Friday: Air and Water. For children in grades 1-3. Limit 14 children/day. Members \$60, non-members \$70

Sign up for three or more days and get \$20 off. Extended Care Option: drop off your child as early as 8:15 a.m. and pick up by 5:15 p.m. \$15 per day

**FAMILY**

**Tinkering Lab**

December 29–31, 11 a.m.–3 p.m.

The Tinkering Lab is a new, experimental space where visitors try their hand at engineering whimsical contraptions using real tools and materials. Tinkering Lab activities require cooperation, concentration, and a playful "tinkering mindset." You'll design, test, fail, redesign, and share your creations alongside other participants. For adults and families with children age 8 and over.



Pre-registration required for fee-based programs. Register online at [www.montshire.org/programs.html](http://www.montshire.org/programs.html)

# Montshire Calendar



## ■ Scribblebots

Monday, December 29

Make moving robots that trace fun patterns with markers using weighted toy motors, batteries, wires, and other everyday materials.

## ■ BYOBox

Tuesday, December 30

Bring the biggest cardboard box you have, or pick one of ours, and create an arcade game straight out of your imagination.

## ■ Pinball Machines

Wednesday, December 31

Design, engineer, and create community-built pinball machines using everyday materials.

## Earth & Sky Day

Saturday, January 31

10:30 a.m.–5 p.m.

Celebrate the wonders of the Earth and our place in the universe with activities throughout the day. Learn about tonight's sky and investigate large-scale processes driving our planet's systems. *Free with Museum admission*

## Igloo Build

Saturday, February 14

10:30 a.m.–2 p.m.

Learn how to build a simple, yet elegant igloo and other snow dwellings with expert Dr. Bert Yankielun. Demonstrations begin at 10:30 a.m. and building takes place until 2 p.m. *Free with Museum admission*



## Life Above the Arctic Circle

Tuesday, February 17

1–4 p.m.

Meet David Solomon, a Gwich'in Athabaskan native leader from Alaska, and learn about village life above the Arctic Circle, his people's history, and their indigenous way of life. *Free with Museum admission*

## Take Apart Day

Saturday March 7, 1–4 p.m.

Ever wonder what's inside the household appliances and toys you use every day? Join us and explore the "guts" of VCRs, toasters, cameras, and toys. *Free with Museum admission*

## Homeschoolers' Day

### ■ Chemistry and Matter

Friday, March 20, 10 a.m.–3 p.m.

Join other homeschooler families and explore chemical and physical change through chemistry and states of matter. *Free with Museum admission*

## ADULTS

### Montshire Unleashed

#### An Evening for Adults

January 16, February 13,

March 6, April 10, 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 on your own. Jasper Murdock Ale and wine from the Norwich Inn will be available for purchase. *Free with Museum admission*

### The Nature of Chocolate

Thursday, February 5, 7–9 p.m.

Very few foods bring such universal delight as chocolate. In this special program Montshire Educator Amy VanderKooi will take you on an exploration of this delicious treat, including its ecology, history and lore. And of course, there will be chocolate sampling throughout the evening and a decadent dessert to enjoy at the end!

*Members \$30, non-members \$35*

### North of the Arctic Circle: A Photographic Journey

Tuesday, February 17, 7–9 p.m.

Join three gifted photographers for a photographic journey to northern-most Alaska—its wild lands, its people and wildlife. Featuring Stephen Gorman, Richard Kahn, and Robert Thorpe. *This program is free and open to the public.*

## DECEMBER

- 8 Magic Carpet—Tasmania **A**
- 11 Microscopes on the Road **T**
- 15 Books and Beyond! Science for Preschoolers **C**
- 29–31 Tinkering Lab **F**

## JANUARY

- 5 Books and Beyond! Science for Preschoolers **C**
- 7 Young Scientist Program, Session 3 begins **C**
- 12 Magic Carpet—Chile **A**
- 13 Homeschoolers' Series: New England Animals begins **C**
- 16 Montshire Unleashed: An Evening for Adults **A**
- 19 Flying Marshmallows **C**
- 19 Kitchen Science **C**
- 22 Creating Earth Stories: NASA Data and Imagery **T**
- 23 Friday Nights for Teen Tinkerers **Y**
- 23 *Farmers, Warriors, Builders: The Hidden Life of Ants*, Member opening, 5:30–7 p.m. **F**
- 23 *The Light Around Us: Colors, Reflections, and Invisible Energy*, exhibition opens
- 24 *Farmers, Warriors, Builders: The Hidden Life of Ants*, exhibition opens
- 26 Afterschool Adventures, Session 3 begins **C**
- 31 Earth & Sky Day **F**

## FEBRUARY

- 2 Books and Beyond! Science for Preschoolers **C**
- 3 The Science of Healthy Behaviors **T**
- 9 Magic Carpet—Romania and Hungary **A**
- 5 The Nature of Chocolate **A**
- 13 Montshire Unleashed: An Evening for Adults **A**
- 14 Igloo Build **F**
- 16–20 February Break Spectacular Science Camp **C**
- 17 Life Above the Arctic Circle **F**
- 17 North of the Arctic Circle: A Photographic Journey **A**
- 25 Young Scientist Program, Session 4 begins **C**
- 27 Friday Nights for Teen Tinkerers **Y**

## MARCH

- 2 Books and Beyond! Science for Preschoolers **C**
- 5 Helping Students Use Evidence to Make Meaning **T**
- 6 Montshire Unleashed: An Evening for Adults **A**
- 7 Take Apart Day **F**
- 7 *Bubbles: Science in Soap*, exhibition opens
- 7 David Goudy Discovery Fund celebration **A**
- 9 Magic Carpet—Rwanda **A**
- 12 Afterschool Adventures, Session 4 begins **C**
- 16 Homeschoolers' Series: Astronomy, begins **C**
- 17 Afterschool Adventures, Inventors Afterschool, series begins **C**
- 20 Homeschoolers' Day: Chemistry and Matter **F**
- 27 Friday Nights for Teen Tinkerers **Y**

**C** = Children **F** = Families **A** = Adults **Y** = Youth **T** = Teacher



Montshire Museum of Science  
One Montshire Road  
Norwich, Vermont 05055



Non-Profit Org.  
U.S. Postage  
**PAID**  
Permit No. 170  
White River Jct., VT

MONTSHIRE MUSEUM

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 and Christmas.

**Phone:** 802-649-2200

**Web:** [www.montshire.org](http://www.montshire.org)

**Admission fee:**

\$14 adults, \$11 children ages 2–17. Free for Museum members and children under the age of 2.

Summer rates: (June 20 — Labor Day)  
\$16 adults, \$13 children ages 2–17  
Free for Museum members and children under the age of 2.

# Farmers Warriors Builders

## THE HIDDEN LIFE OF ANTS

January 24 –  
April 5, 2015

*Farmers, Warriors, Builders: The Hidden Life of Ants* explores how ants face problems similar to ours: obtaining and distributing resources, allocating labor and energy, maintaining civil unity, and defending against outsiders. Their lives are at once familiar and strange.



Photo Mark W. Moffett ©National Geographic Magazine. Australia *Oecophylla smaragdina*. A weaver ant on patrol for food or enemies—just one captivating image from *Farmers, Warriors, Builders: The Hidden Life of Ants*.

MONTSHIRE MUSEUM BOARD OF TRUSTEES

- Jim Barrett
- Cinny Bensen, Chair
- Jay Benson
- Jennifer Brown
- Scott Brown
- Lisa Cashdan
- Margaret Cheney
- Madeline Dalton
- Justine Fahey
- David Goudy
- Mark Israel
- Frank Leibly
- Philip McCaull
- Peter Mertz
- David Otto
- Walter Paine
- Catherine Richmond
- Andrew Samwick
- Ray Sears
- Roger Sloboda
- John Vogel
- Steve Voigt
- Jennifer Williams

MONTSHIRE NEWS

The Montshire Museum of Science publishes *Montshire News* three times a year. Montshire members receive a free subscription.

**Executive Director** David Goudy

**Associate Director** Jennifer Rickards

**Editor** Beth Krusi

**Design** Wendy McMillan Design

"Farmers, Warriors, Builders: The Hidden Life of Ants," featuring the photographs of Mark W. Moffett, is organized by the Smithsonian's National Museum of Natural History and circulated by the Smithsonian Institution Traveling Exhibition Service (SITES).



Smithsonian  
Institution



First floor exhibit spaces and bathrooms are entirely wheelchair accessible. Second floor exhibit spaces can be reached by elevator. Science Park and some of the nature trails in the Quinn Nature Preserve are also wheelchair accessible.