





Dear Friends,

During a recent event, I was asked what I like best about working at ECHO. I hear this question often and the same answer comes to mind each time: "The people!" ECHO's staff, volunteers, and energizing experience.

Each time I watch a school group or a new American mom and her child discover Champ Lane or the Butterfly Pavilion for the first time, I feel this place vibrating with energy and inspiration. I am reminded that ECHO is a catalyst for learning. Our animal care specialists, volunteers, and education staff all believe deeply that education is a necessity—not a nicety. Every one of our team members and programs necessary to meet the growing and diverse needs of our community.

At its heart, ECHO inspires. Through our live animals and engineering challenges; through our vacation camps, school visits and community events; and through the passion we bring to every learning moment, every guest, every animal in our care, we bring our community together.

Building science knowledge, caring for the environment and instilling a devotion to lifelong learning comprise the core of the ECHO experience.

Our annual report entitled "A Day in the Life" has been designed to showcase data, images, and the people that dedicate themselves each day to our mission. We hope as you review these pages something new and inspiring.

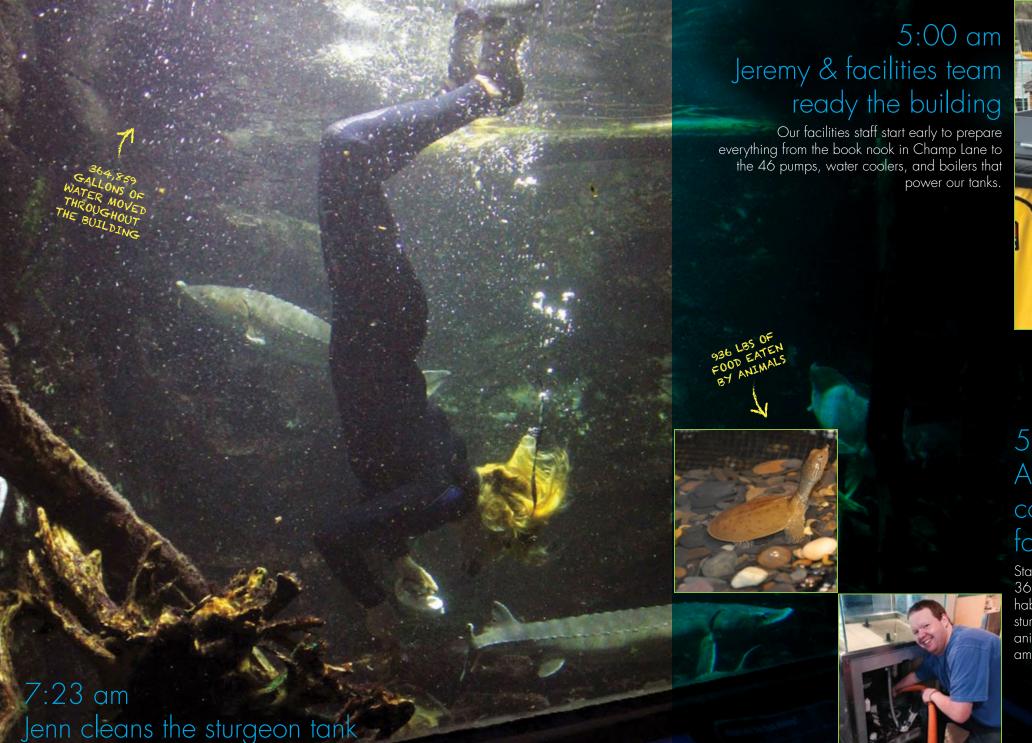
Whether you are a member, partner, donor or friend, thank you for investing in ECHO and for believing in the people who serve to inspire the next generation of thoughtful citizens and community leaders. We are grateful for the opportunity to serve our community. Thank you for the contributions that make it all possible.

Phelan R. Fretz Ph.D. Executive Director

Welcome to FCHO

ECHO encourages visitors to view the natural environment as part of their neighborhood and to explore, learn about, and consider opportunities for stewardship. This work is delivered by a dedicated team of 25 staff; 175 volunteers and interns, who serve more than over 15,000 volunteer hours annually; and 40 community and social service partners.

Our Mission: ECHO educates and delights people about the Ecology, Culture History, and Opportunities for Stewardship of the Lake Champlain Basin.





5:55 am Animal care staff guide college interns in career focused skills

Staff instruct interns as they dive in every morning, 365 days a year, checking every animal and habitat—from Homer the snapping turtle to the sturgeon—and helping to provide state of the art animal husbandry for all of ECHO's reptiles, amphibians, and fish.

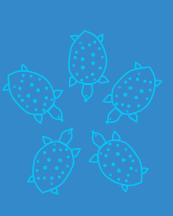


Providing career relevant experience

Annually, 100+ student interns attending The University of Vermont, Champlain College, Saint Michael's College, and regional middle and high schools gain hands-on experience while working alongside our staff.

Saving threatened turtles-500 and growing

This year, ECHO celebrated the 10th anniversary of partnering with Vermont Fish and Wildlife in the Spiny Softshell Turtle Headstart program. Each year, neonate turtles overwinter at ECHO and are released back into the wild in June.







Addressing community needs

ECHO's Early Science Learning Initiative reaches more than 1,500 early learners and 100 educators each year through supporting partnerships with King Street Youth Center, Burlington Children's Space, the YMCA preschool network, and other early learning providers.

"Because of the Early Science Learning Program....All of our families, both privileged and under-resourced, are more likely to take advantage of a resource in our community and foster the growth of scientific exploration, thinking, and problem-solving. A win-win for all."

Stacy Weinberger, early education director, king street center



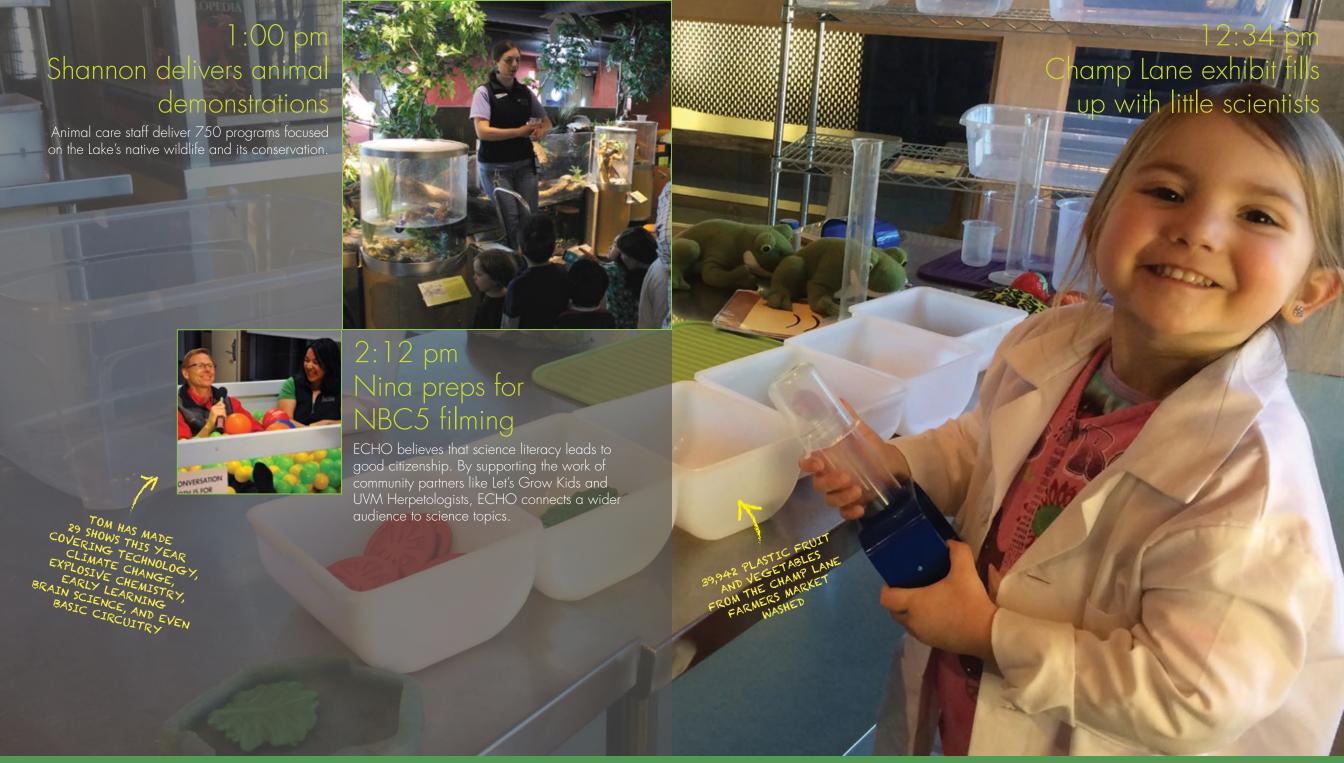
"UVM Physics values ECHO's role in our community and the incredible forum it provides for training developing scientists in the vital skill of communicating science."

DAVID HAMMOND AND LUKE DONFORTH, UNIVERSITY OF VERMONT DEPARTMENT OF PHYSICS

Leveraging the power of 100 stakeholders

ECHO serves as the backbone for The Vermont Clean Water Network—a collection of 100 local and state agencies, non-profit organizations, businesses, farms, and communities of faith that advocate for clean water.







Promoting early science learning

In partnership with Let's Grow Kids, ECHO launched Champ Lane as part of the museum's Early Science Initiative. This permanent exhibit further positions ECHO as a key resource for early learning by creating high-quality curricula, materials, and training opportunities to support early science readiness across the state of Vermont.

Supporting local teachers and strengthening schools

This year, ECHO expanded its outreach programs to include professional development opportunities for teachers in support of student personalized learning pathways to graduation.







Transforming lives through collaborations

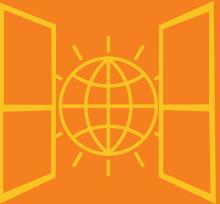
Annually, ECHO's teen leadership program hosts Community Science Night, an evening for kids and their Mobius mentors. This year's event featured a scavenger hunt inviting guests into the "Butterflies, Live!" exhibit, showcased the Champlain Sea Tank, and challenged mentors and mentees to save turtles through an engineering design challenge.

Building new skills within our adult community

Working with the Howard Center, Reach Up, Department of Labor, Transitional Services, and Vermont Associates, ECHO provides individuals making mid or late career changes with opportunities for practical experience and skill development.







Growing our Open Door access program

ECHO strives to be accessible to all by breaking down financial, geographic, and cultural barriers. By working with an extensive network of more than 40 social service partners, we reach out to low-resourced families, new Americans, and underserved residents.

Open Door At-A-Glance

23,352 GUESTS received free or significantly reduced admission

8,893 PEOPLE used the library passes distributed to 575 libraries statewide

2,0%6 FAMILIES utilized the free membership and \$2 passes distributed through 40 social service agencies

9,769 STUDENTS visited from schools, preschools, and recreation programs

441 MILITARY FAMILIES welcomed through our participation in the Blue Star free admission program

2,173 PEOPLE visited during the Martin Luther King, Jr. Day event



Leahy Center NVIRON MENTAL

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AGENDA

Designing the Future We Need

One of our primary objectives is to bring people together from different background around shared learning, cultural, and environmental experiences. As an open inclusive, collaborative, and fun space we directly support social innovation



Bridging Social Capital

Burlington's Diversity & Equity Initiative: We All Belong, now in its seventh year. Among our core goals are to build social capital by forging unexpected connections between diverse collaborators and audience members, to bring people together across differences, and to build a more cohesive community.



Leading the 2017 Leahy Environmental Summit

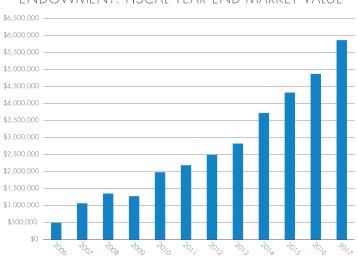
"Simply put, the Champlain watershed is our region's most precious resource," stated Thomas Leavitt, President & CEO of Northfield Savings Bank, the Summit's underwriting sponsor. "With the stewardship of Senator Leahy and ECHO, we have an opportunity to bring together the finest thought leaders to tackle the most formidable challenges."

Financials

INCOME	FY 2017*	FY 2016
Gifts and Grants	\$1,259,348	\$1,618,356
Admissions	1,196,907	1,033,693
Memberships	327,171	235,663
Function Rentals	267,486	205,629
Annual Fund	182,169	108,461
Program Fees	80,722	86,001
TOTAL OPERATING REVENUE & SUPPORT	\$3,313,803	\$3,287,803
EXPENSES	FY 2017	FY 2016
Program Services		
Exhibits and Programs	\$788,743	\$612,827
Animal Care and Facilities	557,258	560,038
Visitor Services	447,427	618,207
Environmental Summit and VT Clean Water Network	<u>167,878</u>	220,190
TOTAL PROGRAM SERVICES	\$1,961,306	\$2,011,262
Support Services		
General and Administration	\$399,761	\$413,088
Fundraising	228,791	116,558
TOTAL SUPPORT SERVICES	\$628,552	\$529,646
TOTAL EXPENSES	\$2,589,858	\$2,540,908
NET SURPLUS/(DEFICIT) BEFORE DEPRECIATION & INTEREST	<u>\$723,945</u>	\$ <u>746,895</u>
Depreciation	\$574,072	\$508,380
Interest	14,194	<u>16,331</u>
TOTAL DEPRECIATION & INTEREST	\$588,266	\$ <u>524,711</u>
NET SURPLUS/(DEFICIT)	\$ <u>135,679</u>	\$ <u>222,184</u>
ENDOWMENT INVESTMENTS AT MARKET VALUE	FY 2017*	FY 2016
Beginning balance	\$4,870,767	\$4,321,268
Net Contributions	387,000	844,856
Funds Transferred from Endowment to Support Operations	0	(005.057)
Net Unrealized/Realized Gains (Losses)	605,188	(295,357)
TOTAL ENDOWMENT INVESTMENTS	\$ <u>5,862,954</u>	\$ <u>4,870,767</u>

^{*} PRELIMINARY, UNAUDITED RESULTS. ECHO'S FISCAL YEAR ENDS ON MARCH 31

ENDOWMENT: FISCAL YEAR END MARKET VALUE



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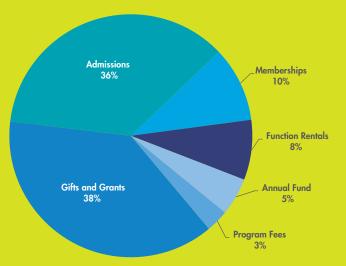
As we approach our 15th anniversary year, I am struck by the tangible and compelling progress this science center has made in fulfilling its mission and vision. This success is a result of not only the superb quality of people who work and volunteer here, our Board of Directors, our community partners, and the many friends who have entrusted us with their gifts and support but how well they all work together. ECHO is a community in every good sense of the word. And this report celebrates the work of those people. It is through the generosity of this community of partners, volunteers, donors, and friends, that we have been able to continually invest in the experience and opportunities we provide our guests. For that, we are forever humbled by your support. Thank you!

Sincerely,

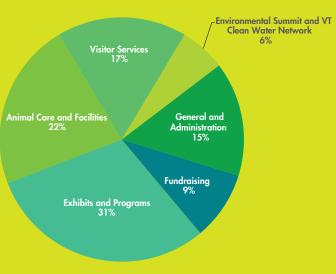
Timothy R. Volk

Chair, Board of Directors

FISCAL YEAR 2017 INCOME*



FISCAL YEAR 2017 EXPENSES*



* PRELIMINARY, UNAUDITED RESULTS

FISCAL YEAR 2017 BOARD MEMBERS

Steven Arms
Kristin Carlson
Kyle Dodson
Carolyn Dwyer
Bethany Gibbs
William Gottesman
Thomas Leavitt
Thomas A. Little
Cate MacLachlan
Elizabeth Miller
Julie Moore
Sarah Muyskens
Paul Plunkett
David Raphael
Scott Rossborough
Mark Saba
Paul R. Sisson
Tim Volk
Clare Wool

Advisors

Brian Dunkiel Tom Berry

Executive Director
Phelan R Fretz

BOARD EMERITI

Founder

George Little

Robert Bouchard Scott D. Carpenter Jane Clifford Barry Doolan David Ely Jane Nesbitt



