Raven Hill DISCOVERY CENTER

WHERE SCIENCE, HISTORY AND ART CONNECT



Raven Reports

2018 SUMMER AT RAVEN HILL

Water/Ways was a "splashing" success!

Thank you all! We have tried to list everyone individually who made Water/Ways the huge success it was, but we may have missed a few along the way and our apologies if we inadvertently overlooked your contribution. Thanks go to all the donors and sponsors who supported this huge endeavor; everyone who worked to make Raven Hill look its best for Water/Ways; the crew who set up and tore down the exhibit; all the Community Partners who collaborated and held events at their own sites; all who helped with the big weekend events; all the docents who helped in the Water/Ways exhibit and Raven Hill exhibits; all the speakers and authors who took the time to share their particular interest in water; all the artists who provided rotating exhibits and instructed classes and workshops; all who created fish for the Fish Art Auction; all those who provided special exhibits and PowerPoint presentations on water technology and to all those who helped create water exhibits & displays for Raven Hill's main museum.



Check out the rest of the newsletter for names, photos and memories of just some of the wonderful events that happened during the Water/Ways exhibit!

A special thank you to our donors, sponsors, community partners and presenters.

Donors and Sponsors

Alden & Vada Dow Foundations • Petoskey Harbor Springs Area Community Foundation • Great Lakes Energy People Fund • Charlevoix County Community Foundation • Chaney Donation • Baiardi Foundation • Petoskey Rotary Club Charity • Michigan Humanities Council • Cheri Leach • O'Brien Associates • Boyne City Kiwanis • Mike Stowe • Boyne Propane • Boyne Valley Lions • Charlevoix Lions • WCMU radio • Vam Dam Custom Boats • Brown Motors • Ward and Eis • Rothschilds • EJ Tru Value • Walloon Lake Association • Friends of the Boyne River • 3R Triathalon, Rachel Warnos • Tip of the Mitt Watershed Council • Bartlett's Furniture • Jim & Sue Mabee • Martha Athanas • FamilyFare • Green Horizons Metal Roofing • North Country Cycle Sport • Stiggs Brewery • Pine Hill Nursery • Lowe's Home Improvement • David Austin, WaterPaw • The Wood Shop • Grandpa Shorters • Bob & Jackie Wallenberg and family • Jordan Valley Glassworks • Tad & Brenda Malpass • Scott McKenzie • Jack Laurent • Mullaly's 128 • Boyne Mountain • Steve Roote • Gayle Levengood • Chet & Nancy Gulczynski • Mike & Rhea Dow •

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Anne-Marie Oomen • Brian Kozminski • Boyne Arts Collective • Charlevoix Conservation District • Charlevoix County History Preservation Society • Charlevoix Spinners & Weavers • Caroline Keson • Chris Anderson • Conservation Resource Alliance • Dave Clapp • Dave Dempsey • David Kaplan • Deer Creek Junk • Deleta Smith • Dennos Museum • Ed May • Eli Baker • Eric Hemenway • Ethan Winchester • Freshwater Future • Friends of the Boyne River • Friends of the Jordan River Watershed • Gary Osterbeck • Georganna Monk • George Lasater • Glen and Cindy McCune • Grand Valley State University • Grass River Natural Area • Great Lakes Chamber Orchestra • Great Lakes Fisheries • Hannie Kuieck • Janet Vail • Jasmine Lace • Jill Ryan • Jordan River Arts Council • Julie Haan • June Storm • Justin Gerona • Kelly Boyle • Kim Nowak • Kim Balke • Kirby Snively • Kurt Kujawski • Laura Bodine • Laurent Fady • Linda Nemec Foster • Little Traverse Bay Bands of Odawa Indians • Little Traverse Conservancy • Mackinac Bridge Authority • Max Sasso • Mike Stowe • Nan Spence • National Weather Service • Paddle Antrim • Patrick McCleary • Patrick Stonehouse • Sarah Manchester of Create Studio • Sarah Mayhew • Steve Brede • Tip of the Mitt Watershed Council • Tina Malpass • Tony Williams • Trout Unlimited • Walloon Lake Association • Your local libraries •

Summer Magic Festival

Raven Hill's Summer Magic Festival 2018 took a turn for the best this year: entire families came together to play laser tag, make slime (right), fly drones (below), launch rockets, polish fossils, create marbled paper and experiment with dry ice. Raven Hill is looking forward to another great Summer Magic Festival next summer on the 4th Saturday of July.





Watercolor Workshop
with Luke Buck



Luke Buck of Ninevah, Indiana returned for another Watercolor Workshop and is looking forward to coming back in 2019.

Discovery Camps

Discovery Campers became artists, historians, scientists and nature lovers at Raven Hill's summer camps. Ages 4 to 14 enjoyed a variety of hands-on activities in their areas of interest and got lots of museum and animal time besides. Discovery Camps are already in the works for next summer.

Right: Lunch on the Pyramid during Nature Lovers Camp co-sponsored by Friends of the Jordan River Watershed



Grants Announcements

Visions Project



There is still time for Charlevoix County art students to participate in Visions by creating art that envisions the past or imagines the future. Art teachers can call 231.536.3369 or email Raven Hill info@miravenhill.org for more information and to schedule a school visit this fall.

SAG Program Grant from The Hestia Women's Circle of Giving

The Hestia Women's Circle of Giving has awarded $ 2,500 to Raven Hill for a Saturday morning STEM Academy for Girls (SAG) program. Since 1993, Raven Hill has offered a science/mathematics career expo for middle school students in Charlevoix and Emmet Counties. SAG will enhance that career expo program, providing more in-depth explorations and connections in a variety of STEM (Science Technology Engineering Mathematics) careers, such as archeology, water quality, meteorology, engineering and health services. The program is open to elementary and middle school girls. SAG will be limited to twenty girls per session and Raven Hill will encourage different participants for each monthly session. Girls can be put on a wait list, if there are open spaces. There will be five sessions during the 2018-2019 school year, all from 10:30am to noon and on some of the second Saturdays of the month to coincide with FREE Second Saturdays. The goal is to reach 100 girls. Interested families can call Cheri at 231.536.3369 or email info@miravenhill.org for more information or to register.

Michigan Council of Arts and Cultural Affairs 2019 Operations Grant

Michigan Council of Arts and Cultural Affairs (MCACA) has donated $12,500 in operational support to Raven Hill for 2019. This award will help with marketing, facilities, exhibits and programming at Raven Hill. This is the Center's 23rd grant award from MCACA, since 2001 and must be matched 1:1. Anyone interested in donating toward the match can call Cheri at 231.536.3369.

Fall/Winter Schedule

FREE SECOND SATURDAYS CONTINUE

Join us for our regularly scheduled FREE (Families Reaching for Educational Excellence) Second Saturdays and enjoy FREE admission for families. No groups, please.

Oct 13, Nov 10, Dec 8, Jan 12, Feb 9 & beyond.

12 - 4pm

FREE NASA WORKSHOPS FOR K- 12 EDUCATORS

Susan Kohler, education specialist for NASA, will be presenting two workshops for educators this fall. Workshops will cover engineering design and robotics. Fourth through twelfth grade teachers are invited to attend. These are very hands-on workshops and teachers also receive a quantity of NASA information to take back to school. Call Cheri at 231.536.3369 for more information or to register. Lunch furnished and SCECHs pending.

November 14 & 15 | 8:30am - 3pm

SAG PROGRAM (STEM ACADEMY FOR GIRLS)

Upper elementary and middle school girls will meet and work with female role models exploring various STEM careers.

Nov 10, Dec 8, Feb 9, March 9, May 11
10:30 - noon

WINTER HOURS

Saturday 12 - 4 pm
Sunday 2 - 4 pm

and always by appointment

DISCOVERY DAYS

This winter and spring, Raven Hill will be open during school vacations for Discovery Days.

Open 12 - 4 the following days:

November 23, 24, 25
Closed Thanksgiving Day

December 22 - January 2
Closed Christmas and New Year's Days

February 15 - 18 *President's Day Weekend*

March 23 - April 2 *Spring Break*

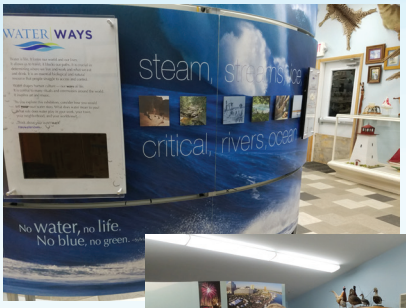
And remember we are always open by appointment!

Water/Ways Montage

Looking back at the Smithsonian Museum on Main Street Exhibit at Raven Hill Discovery Center.

August and September were a blur of activities, all designed to encourage over 3200 Raven Hill visitors to think about our beautiful waters here in Michigan and to commit to protecting and conserving those waters. The following pictures capture the essence of Water/Ways from beginning to end.

August 7:





After 27 crates arrived on Aug 6, a small dedicated crew spent 6 hours assembling & installing the displays. On August 9, thirty docents gathered for training.

August 10:



Fused glass on loan by artist, Julie Haan.

August 11:



Grand Opening with Water Ceremony by Deleta Smith

August 18:



Alternative Boat Show and Community Mural Painting

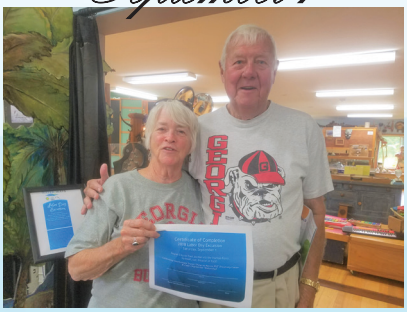
August 25:





Great Lakes Chamber Orchestra playing Handel's Water Music

September 1



Labor Day Excursion—Boyne City to East Jordan via Ironton Ferry

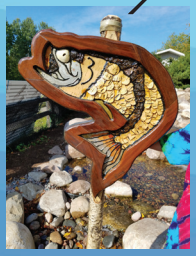
September 8:





Families learning from various local water conservation groups during the Water Festival.

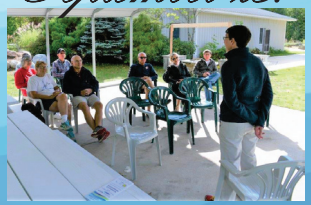
September 22





The Fish Art Auction raised money to support Raven Hill programming.

September 23:



During the Closing Ceremony, Jill Ryan of Freshwater Future spoke about looking forward to continue to protect our waters.



Rotating Exhibits

Rotating exhibits included fiber arts (left), painted paddles, Boyd Kuieck paintings, wave paintings, multi-media and youth photography.



Workshops

Artists Julie Haan, Glen & Cindy McCune, Jasmine Petrie, Max Sasso, June Storm and Holly Sasso all worked with participants to fuse glass, paint paddles, create copper fish, paint waves and write poetry in a variety of classes and workshops.

Field Trips

After Labor Day, Water/Ways was filled with students from area schools. Thanks to a grant award from the Alden & Vada Dow Family Foundations, over 1200 students rotated through the Smithsonian Museum on Main Street exhibit and enjoyed all the indoor and outdoor activities that Raven Hill has to offer.



Speakers



Weekdays were filled with numerous speakers including: David Kaplan (left), Kim Nowak, Janet Vail, Kim Balke, George Lasater, Eli Baker, Chris Anderson, Steve Brede, Ethan Winchester and Authors Dave Dempsey, Anne-Marie Oomen and Linda Nemec Foster.

Facilities Upgrades





Many facilities upgrades occurred this summer in conjunction with Water/Ways. Highlights include the installation of a Viewing Platform on Deer Creek (top left). Thanks go to Lowe's Home Improvement for materials and labor and to Little Traverse Conservancy for leading the effort. Lowe's also provided labor to install a pavilion roof over the existing picnic area (below). David Austin of Waterpaw donated a Watershed Model (top right and side) that shows a wetlands area, waterfall coming down out of the "mountain" and springs bubbling up from the ground, all forming tributaries that merge and flow to a "lake". This kid-friendly water model uses recycled rainwater and was installed by the picnic pavilion for all to enjoy.



Additional Thank Yous

Thanks also to all the Raven Hill Board, Staff and Volunteers, including a very special thank you to the Water/Ways committee: Chet and Nancy Gulczynski, Ed & Diane Strzelinski and Holly Sasso, who worked tirelessly to make Raven Hill look its absolute best for this special occasion; to all the docents who helped in the Water/Ways exhibit; to the docents and volunteers who helped with school field trips; and to Max Sasso, Haley Kozek; Adam Kennedy, Jay Nowell, Gow Litzenberger, Ed Strzelinski , Michael Ryan and Ed May for their help with the unloading, set up, take down and loading of the Water/Ways exhibit.





Just learning to stand and walk? This is for you! New at Raven Hill for the little ones.

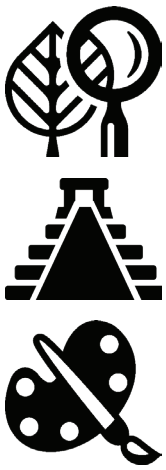
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Please make your check payable to Raven Hill Discovery Center, 4737 Fuller Road, East Jordan, MI 49727. All gifts are tax deductible to the fullest extent provided by law.

Supported in part by the Michigan Council for Arts and Cultural Affairs and the National Endowment for the Arts through Raven Hill Discovery Center's 2018 Operational Grant Award.