

Raven Reports



Raven Hill's NASA in Your Neighborhood outreach event was truly an "out of this world" experience for everyone involved.



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www.MiRavenHill.org

231-536-3369

info@miravenhill.org

4737 Fuller Road
East Jordan, MI 49727

~ Hours ~

Through Oct 31

Monday - Friday 10 am - 4 pm

All Year

Saturday 12 - 4 pm

Sunday 2 - 4 pm

and always by appointment



Join us for the free NASA Workshops for Educators on November 3 and 4. Details on page 2.

Above, educators enjoy the June workshop on soil and water. November's topics are Wind Energy Engineering Design and Storm Warnings. Attend one or both days.



Summer Magic 2016 brought in more than \$22,000 to support Raven Hill programs and facilities.

FALL AT RAVEN HILL

FREE SECOND SATURDAYS CONTINUE

Join us for our regularly scheduled FREE Second Saturdays and enjoy free admission for families.

October 8, November 12,

December 10, 2016 & January 14, 2017

Felting Class

October 12, 10:30 to noon

Participants will learn the art of needle felting colored wool roving into a landscape or abstract design. \$15 includes materials.

Discovery Days

This Fall and Winter, Raven Hill will be open during school vacations for Discovery Days from 12 - 4pm. Come and enjoy your day off at Raven Hill!

Nov 1, 23, 25, 26, 27

Dec 23 - Jan 8 (except Christmas and New Years Day)

Kids Inventors Workshop

Saturday, November 5, 10 am - 12 noon

RSVP Required, Emmet County Students 3rd grade+

Create a new twist on an existing product and invent a pen, spoon, bowl, cup or fly swatter. Then have your product displayed in our Patents & Prototypes Exhibit.

Patents & Prototypes Exhibit

Weekends in November

Saturdays noon to 4 pm

Sundays 2 pm - 4 pm

Featuring products developed by local Emmet County students!
Sponsored by the Petoskey - Harbor Spring Area Community Foundation

Make 'n Take Holiday

Saturday, December 17, 12 noon - 4 pm

Join us for holiday crafts, including card making, ornaments, small gifts and more.

Special Free Family Day Saturday, Sept 24

12 - 4 pm

Raven Hill volunteers wanted to recognize Pat Wulff's dedication to helping families experience Raven Hill. What better way to do that than to sponsor an extra free Saturday for families. Since 2010, Pat has sponsored the enormously popular FREE Second Saturdays at Raven Hill Discovery Center. Not only does Pat make it possible for families to explore Raven Hill at no cost on those days, she is there meeting and greeting and enjoying the interactions between parents and their children. Open to local families, just as FREE Second Saturdays are, Pat Wulff Day will honor Pat in the best way possible: carrying forward her passion for families playing and learning together at the Center. Please plan to join us in honoring Pat on this special day.

FREE NASA Workshops for K- 12 Educators

Thursday, November 3, 2016

**Wind Energy Engineering
Design Challenges**

Friday, November 4, 2016

Storm Warning!

8:30 am to 3:00 pm each day. Lunch provided.
Presented by: Susan Kohler, EPDC Education Specialist -
NASA Glenn Research Center
To register or if you have questions, please call 231.536.3369 or
email info@MiRavenHill.org
www.MiRavenHill.org/pd

HAM Radio Certification

Tuesdays in October & Nov. 1

5 - 9 pm

20 hour training for your amateur radio operator license.
Dinner included.
\$25, pre-registration required.

**Interested in Fly Tying? Give us a call or check
online for fall class- date TBA.**

Questions about upcoming events or want to register for a class? Call us at 231.536.3369, email info@miravenhill.org or visit us online at www.MiRavenHill.org



From Cheri:

What an amazing year it has been!

We were happy to see so many of you during our peak summer months. Like many other businesses in Northern Michigan, we try to cram as

much as possible into those few months of perfect weather. In this issue, you'll read about some of the exciting programs that Raven Hill hosted this summer. We are very proud of the accomplishments and milestones that Raven Hill has reached. This year we have even been invited to participate in a DataArts Panel for the Maine Arts Commission Conference in October. DataArts is using Raven Hill as an example of how to collect and use data. Raven Hill exists because of the support of our donors, volunteers and our community. Thank you for helping us continue to grow!

As we transition to fall and winter, we are continuing

to celebrate our 25th anniversary, and hope you will join us. School has begun and our focus has changed to provide outreach programs in local schools, but don't forget that our summer hours continue until October 31st. As of November 1st we are open weekends and always open by appointment. Bring those younger children who are not yet in full-day school, schedule a trip for your homeschool group or visit during a school break when we are open for Discovery Days. Follow us on Facebook and visit our website to keep up with all the latest happenings at Raven Hill.

We continue to celebrate our past even as we look to the future, and hope you will keep us in mind as we enter the giving season this winter.

Cheri Leach

Summer Magic 2016

Over 155 people attended the annual Summer Magic Festival to help celebrate 25 years of hands-on learning in our community. The event raised more than \$22,000 to support Raven Hill's annual fund. Wonderful food, music and activities entertained guests throughout the evening as they enjoyed the silent auction, visited with friends and explored the grounds. Mark your calendars for next year's event scheduled for July 15.





TEC Day



A record breaking 355 people came to see NASA at Raven Hill despite the threat of rain. The weather cooperated and the rain held off until late afternoon!



Visitors learned about NASA's Orion Missions which will take us to Mars in the 2030s. Guests were even able to build models of the Orion space craft.



As scientists and engineers, visitors made, tested and then adapted parachutes and balsa wood gliders. They created jet engine models and even a landing craft that could pick up a water bottle.

Local pilot, Leon Jarema dropped approximately 35 eggdrop packages from his plane at 1000 feet. Most of the vessels were able to bring their delicate instrument (the raw egg) to the ground safely!

Raven Run



Summer Camp 2016

Our first annual Raven Run was a ton of fun! Runners completed a 5K course that took them around the Raven Hill campus and through part of Raven Ridge Nature Preserve. The weather fully cooperated with a nice day that was not too hot. The first five places each received a fused-glass plaque made by Raven Hill. Stay tuned for next year's run details.



Raven Hill recognizes its supporters and volunteers



SUMMER MAGIC 2016 SPONSORS

All names listed have generously supported Raven Hill Discovery Center's Summer Magic festival through donations and/or in-kind support of \$50 or more.

4 Star Donors

East Jordan Plastics
EJ
Boyne Country Propane
Darrell Jacob and Family
Leach Family
Malpass Family

A Beauty Center
A Touch of Spring
Ace Hardware- Charlevoix
Ace Hardware of Boyne City
Adams Radio Group
American Spoon Foods
Arline and John Minsky
Balanced Living Yoga & Fusion Studio
Bearcub Outfitters
Bella Vita Restaurant & Bar
Big E's Smoke Shack
Boyne District Library
Boyne Resorts
Café 32
Cherry Hill Greenhouse
CindiFranco's Cool Stuff
Contempo-Rustic Furniture Designs
Crooked Tree Breadworks
Cross Fisheries
David and Heather Seide
Dawn and Matt Pumford
Duane and Sidney Paradine
East Park Tavern
element Gallery
Eyes on Main
Family Video
Floyd "Ted" Hindbaugh

Genealogy Interest Group
George and Judy Magsig
George Lemay
Gillard Enterprises
Good Hart Glass Works
Hal and Jane Seaton
Horton Bay General Store
Indian Hills Gallery
Jane Diller and John Stevens
Jim & Joani Braun
Jordan River Arts Council
Jordan Valley Glass Works
Jordan Valley Rentals
Ken and Franny Bluhm
Kilwin's of Boyne City
Kris Busk
Laura Chaney
Lavender Hill Farm
Leon & Janet Jarema
Lori Solomon
Luke Buck Studio
Lynda's Real Estate
Magnum Hospitality
Maple Ridge Iberians
Martha Clapp
Mary Beth Designs
McGill's Nature in Motion

Mike and Peg Turner
North Country Cycle Sport
Otis Pottery
PartyLite Independent Consultant
Peachblow Pottery
Pointe Health Club
Preston Feather Building Center
Progressive Dental Care
Ralph & Dorothy Parker
Roast & Toast
Robinson's Landscaping & Nursery, Inc.
Rocking Horse Toy Co.
Smitten Design Studio
Sturgeon River Pottery
Subway of Boyne City
Sweetgrass Custom Picture Framing
TinkerTunes
Tom & Marge Teske
Upsy-Daisy Floral
Vince Pernicano
Walter T. Barkley
Ward & Eis Gallery
Whi Ski Inn
Wildwood Rush
Work and Play Shop

3 Star Donors

Van Dam Custom Boats
B. May Bags
Andre M. Poineau Woodworker Inc
Friar Tuck's Gallery & Frame Shop
Kay and Frank Moler
Mullaly's 128 Gallery
Gillard Enterprises
Nancy Hellman & Glenn Hindbaugh
Lake Michigan Yacht Sales
NuCore
Sanctuary Massage Therapy

2 Star Donors

A13 Studios

TEC Day with NASA Sponsors

Charlevoix County Community Foundation
Petoskey Harbor Springs Area Community Foundation
Jordan Valley Rentals
Cosier Roofing

Great Lakes Energy
Leon Jarema
Family Fare East Jordan
Family Fare Boyne City

VOLUNTEERS AND OTHER SUPPORTERS

All names listed have generously donated their time to support Raven Hill Discovery Center and its mission. You are the heart and soul of Raven Hill, thank you for your commitment. We apologize to anyone we inadvertently left off of this list.

Allie Branding
Carol Book
Kyra Brazell
Joani Braun
Debbie Carey
John Clements
Savanah and John Cool
Cosier Roofing
Noah Fuller
Nancy Garrison
Nancy Gilbert-Gulczynski
Amy Gillard
Melissa Hansen
Marian Hanson

Nancy Hellman
Don and Janice Hicks
Glenn Hindbaugh
Susan Howard
Darrell Jacob
Caroline Keson
Dee Kelly
Lahrin Koucky
Kate Kretschmann
Hannie Kuieck
Gayle and Larry Levensgood
Marge Long
Ellen Massey
Ed May

Matt McLeod
Kay Moler
Georgana and Chris Monk
Robin Moyer
Jay and Patty Nowell
Liz O'Donnell
Yvonne Pentecost
Matt Peterson
Mark Postma
Amy Pott
Jock and Marilyn Rader
Mary Richards and David
Steve Roote
Heidi Ross

Carson Rubis
Max Sasso and Haley Kozek
Jane Seaton
Katelyn Skornia
Kyle and Kristin Smith
Ed and Diane Strzelinski
Maggi Taylor
Jean Van Dam
Olivia Vargo
Beth White
Pat Wulff

GRANTS

Common Denominator Project Sign Sponsors:

- Boyne Valley Lion's Club
- Charlevoix Lion's Club
- East Jordan Lion's Club

Michigan Council for Arts and Cultural Affairs and the National Endowment for the Arts 2017 Operational Grant

Raven Hill makes every effort to list all names properly and according to donors' wishes. If you notice that we have made an error, please contact us so that we can correct it.

Raven Hill Discovery Center is supported in part by the Michigan Council for Arts and Cultural Affairs and the National Endowment for the Arts through a 2016 Operational Grant Award.



4737 Fuller Road
East Jordan, MI 49727
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DID YOU KNOW?

Fun Facts about Raven Hill Discovery Center

- Fall is a beautiful time of year to come walk the trails. Raven Hill sits on 157 acres, and next to the 140 acre Raven Ridge Nature Preserve.
- Raven Hill's on-site and outreach events engage around 10,000 people every year.
- Raven Hill's Animal Room is filled with animals that were former pets. We currently have more than 34 residents including snakes, lizards, frogs, turtles, a spider, fish and sea creatures.
- Exploring Beyond Jurassic Park, the walkway which illustrates the geologic history of the earth, was first built in 2004, expanded in 2007 and again in 2011.
- The first exhibit in the Center's main museum room was-- the magnet table! Donated by Industrial Magnetics, Inc in Boyne City, the table was moved in with a tractor and forklift.
- In 1995, the schoolhouse made it up the hill on the back of a truck. It was the former Wilson Township Hall.



Winter Hours begin Nov. 1

Starting November 1st, Raven Hill will be open
Saturdays 12 - 4 pm, Sundays 2 - 4 pm and
always by appointment!



Raven Hill Board of Directors and Staff at Summer Magic 2016.

Front row: Kyra Brazell, Cheri Leach (Founder/CEO), Caitlin Koucky (staff), Amy Gillard (President), Jean Van Dam (Treasurer).
Back row: Nancy Hellman (Acting Secretary), Georgana Monk, Kyle Smith, Savannah Cool, Steven Roote, Matt McLeod. Not present: Melissa Hansen.