

A SUCCESSFUL REOPENING

We were all thrilled to have programs back at Wolf Ridge this summer! The campus was quieter without our usual youth camps but numerous other programs continued with COVID safety protocols in action. A few new programs were also added to the mix of activities as other organizations adjusted to COVID repercussions.

The first program of our summer was the Leave No Trace (LNT) Master Educator Course. This is a partnership between the National Outdoor Leadership School (NOLS), hosted and sponsored by Wolf Ridge. The Leave No Trace Master Educator certification is the highest level of certification for educators of Leave No Trace principles, as dictated by the Leave No Trace Center for Outdoor Ethics. Students were mainly outdoor program educators, land managers and activists, scout leaders, and outdoor enthusiasts. Participants and instructors spent 5 days camping on Wolf Ridge's property and learned the fundamentals of teaching the seven principles of LNT and how to create and manage courses for future LNT Trainers.

Since the U.S./Canadian border was closed due to COVID this summer, Northwaters & Langskib Canoe Camp based in Temagami, Ontario called Wolf Ridge their home for some of their campers. Usually their trips explore the Quetico. This year, they offered 2 and 3.5-week BWCAW canoe trips to their American campers.

Our maintenance crew built an observation deck on the Lake Superior campus. The trail and deck area were cleared and flattened with the help of an AmeriCorps NCCC crew this spring. Lumber was donated at a reduced price from the Cook County Home Center.



With the school trip cancelled due to COVID families from Prairie Creek Elementary School took the initiative to create a family camp learning event at Wolf Ridge. A total of 55 participants attended.

Beginning and advanced bird banding classes took place once again this summer in partnership with the Institute for Bird Populations. The classes quickly filled to capacity with enough people to run 2 advanced groups. Participants and instructors alike were happy to gather, share interests, and learn more about the intricacies of aging birds again as COVID restrictions lessened.

Our local school, William Kelley of Silver Bay, requested Wolf Ridge to run their summer school programs. Over 3 weeks, we conducted classes for 3rd and 4th, 5th and 6th, and 7th and 8th graders. Judging by an overheard comment from a student, we can say the classes were a success; "Is that the bus? I don't want to leave Wolf Ridge."

Three weeks of family camp enlivened our campus with over 100 people attending. We hosted a mix of new families and returning families and got to watch new friendships being forged. Highlights were BWCAW day trips, kayaking, wood fired pizza at the farm, nature preschool group for the little ones, and eating wild edibles.

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ENVIRONMENTAL LEARNING CENTER

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VIEW FROM THE RIDGE

by Pete Smerud, Executive Director



MOVING TARGETS

"It is not the strongest of the species that survives, nor the most intelligent; it is the one most adaptable to change."

Change is inevitable. Late summer and early fall Wolf Ridge coped with moving targets on many fronts, sometimes with them changing on a daily basis. Wolf Ridge's "new year" begins September 1st, both programmatically and fiscally. As we neared September we approached it with excitement, optimism, and confidence. Coming off a slow but steady return to onsite programming our summer season was small but very successful. Our lead article, "A Successful Reopening" shares these accomplishments. My thanks are sincerely extended to many individuals who have contributed to this summer's reopening of the Ridge. Numerous entities have provided financial support. Many focused on getting kids re-engaged, others to supporting our economic recovery (in non-COVID times Wolf Ridge is the 8th largest employer in Lake County).

Nothing reinforces the value of the learning at Wolf Ridge than the many schools calling and telling us, "Our kids NEED the Wolf Ridge experience. We want to bring this year's stu-

dents and last year's as they missed this life changing experience."

Another COVID lesson learned and underlined in the past 18 months is that the outdoors is the safest place to turn for respite, renewal, and connection. Hence, our team shuffled and rearranged to the best extent possible and created a school year schedule filled to the brim with schools. A few weeks ago, it was poised to possibly be the biggest year of school attendance that Wolf Ridge would ever experience. Then, things changed.

The change and school year began in a hot and fiery way. "Local Fires Reflect Area Drought" on page 6, highlights how Wolf



Changing colors at Wolf Lake with Marshall Mountain on the back left and Lake Superior in the center back from Mystical Mountain.

Ridge was able to serve to our local community by hosting fire team personnel who operated out of our facility for more than 4 weeks. A heartfelt thanks to the many people and schools that supported Wolf Ridge during this challenging time in our community.



Science Center entrance while hosting fire fighting teams.

Like any successful biological organism, we adapt. We made it through the past 18 months and the lessons learned will carry us through the year ahead. As COVID Delta variant cases have increased so has the frequency of school cancellations. At the writing of this column, Oct 1, about 25% of the school students planned for attendance at Wolf Ridge will not be able to attend. We are already exploring options to serve in new ways. We are considering going to schools and providing outdoor hands-on learning at their locations or use our new expertise in virtual field trips to bring outdoor learning to them. For those still able to visit the Wolf Ridge campus we've made significant COVID

related changes to classes and operations, offering the safest experience we can.

As I look to the future, I remain steadfast in my confidence that Wolf Ridge will continue to serve and have the resilience, both programmatically and financially, to thrive during another season of change and challenge. This past year Wolf Ridge was bolstered by so many individuals, corporations, and foundations that stepped up and provided financial support. Notably the Lloyd K Johnson Foundation contributed very generously to our economic recovery. Federal COVID relief programs were also major benefactors. Wolf Ridge received aid through the Small Business Admin-

istration, Paycheck Protection Programs, and Shuttered Venue Operators grants. All of our supporters and these grants have put Wolf Ridge in a strong position and we will persevere through the stormy weather of the coming months.

Wolf Ridge thanks Minnesotans for their civic support

and vote to create the Minnesota Environment and Natural Resources Trust Fund. The Legislative Citizen's Commission on Minnesota Resources (LCCMR) is the entity that chooses the recipients for those funds. The LCCMR awarded Wolf Ridge with a grant for \$383,000 of scholarship support to assure underserved students are able to learn at Wolf Ridge. Over the next three years this will enable about 7,000 students to engage in hands-on learning that achieves the goals set forth by the LCCMR for environmental citizenship.

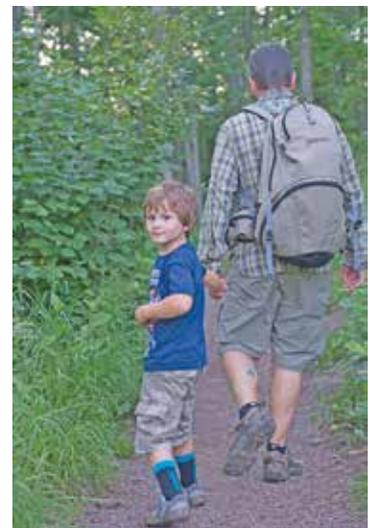
The challenges will assuredly keep coming and the targets will continue to move but with you on our team we will assuredly adapt and survive.♦

THE LEADERS OF THE PACK

Please consider gifting part of your estate to Wolf Ridge and become a member of *The Leaders Of The Pack*. More detailed information is available on our website. If you have already named Wolf Ridge as a beneficiary of your estate or are considering such, please contact: Pete Smerud at 218-353-7414 or pete.smerud@wolf-ridge.org. ♦

Anonymous - 4x
Sandy & Tom Ahlstrom
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Terry McLaughlin & Vern Gersh
William A. and Eloise E. Nelson -
Revocable Living Trust
Robert O'Hara
Gregory & Donnette Wheelock



■ A SUCCESSFUL REOPENING

continued from page 1

The Land Stewardship Project held an all staff/board retreat at Wolf Ridge. This was facilitated by Tracy Chaplin, founder of Co-Nexio, a company whose goal is to support and train organizations in facilitation, collaborative dialogue, strategic planning, and leadership development for navigating change and leading in an unpredictable world.

Watering, workers, and weeding are words that come to mind when reflecting on this past summer on the Wolf Ridge organic farm. Farm manager, Sarah Mayer, put the farm to the test keeping the crops watered throughout this summer's drought. A variety of teams and individual workers helped weed, stake, trim, harvest, and wash veggies. We appreciated help from several Voyageur Outward Bound School (VOBS) groups that spent time at the farm doing chores and learning about sustainable farming as part of their experience at VOBS. Volunteers from our Community Supported Agriculture (CSA) share members, World Wide Opportunities on Organic Farms (WWOOF)-ers, and several individuals also contributed to the farm. There are two folks that we would like to highlight. Alex Kuschube is a teenager from Idaho that first volunteered at our farm in 2019. He returned for another 2 weeks this summer and Brittney Portes, a volunteer that came to us through the WWOOF. Brittney will have spent 12+ weeks with us learning and sharing her other farm experiences and enthusiasm with us. Since the world was still under strict COVID restrictions when planning and first plantings were underway, Wolf Ridge looked to many of the same places as last summer to sell and distribute our crops. The Finland farmer's market, Co-op, Ely food shelf, and 25 CSA members were all lucky recipients.

Eleven SEAK students attended Wolf Ridge this summer. SEAK is a partnership between Wolf Ridge, the USFS Urban Connections Program and the Minnesota Valley National Wildlife Refuge. Despite closures at varying times and locations, they were still able to take their research trip to the Boundary Waters.

The Latimer family hailing from across



the U.S. convened at Wolf Ridge for a family reunion to vacation and honor their father, Mike Latimer. Mike was an influential leader and board member in the development of Wolf Ridge. The meeting room in the administration building is named for him. During the reunion a painting of him and plaque was installed there.

We had 3 family wilderness canoe trips into the BWCA, with trip lengths ranging from 3 to 5 days. This was perhaps one of the first programs we identified as being able to conduct in post-COVID shutdown, and it was amazing to meet with people again in person after being in a virtual space for so long. Highlights included much of the typical fair of wilderness trips: time spent traveling and camping through the wilderness (for some a totally new experience), wildlife sightings including loons, eagles, beavers, and moose, and time spent in environmental learning together outdoors, traveling and learning as a family.

Split Rock Kayak and Boundary Waters Canoe Day tours took place throughout the season. With the Split Rock Kayak tours participants got to explore the base of the lighthouse, view the nearby remains of the Madeira shipwreck, as well as the nearby cliffs, beaches, and coves of the area. Boundary Waters Canoe day tours featured a full day with a Wolf Ridge naturalist. A diverse section of lakes and river sections, wetlands and beaver habitat, as well as a few portages were explored giving a sample of what Boundary Waters travel and backcountry learning experiences are all about. Like the family wilderness trips, participants of these programs were often new to the experience.

Odyssey Resorts programming was a new collaboration for summer 2021 and included offering Wolf Ridge classes exclusively to visitors on the North Shore who were guests of Odyssey Resorts. Odyssey Resorts manages several properties along the shore including Larsmont, Grand Superior Lodge, and Caribou Highlands. We taught Stream Study and Adventure Ropes classes to Odyssey guests during the week. Par-

ticipants were both brand new to Wolf Ridge, as well as a few folks who had visited in the past through our school year programs.

A new culvert was installed on over Cranberry Creek, near the start of the Wolf Ridge driveway. This was a result of the successful replacement of 2 corrugated steel culverts with a large box culvert over Sawmill Creek back in 2013. The culvert upgrade resulted in a 300% increase in spawning fish upstream. This sign of habitat improvement lead us to explore Cranberry Creek and a beautiful brook trout was found. It was then determined that the culvert at Cranberry Creek should be replaced with a style that allowed for a natural substrate bottom like the new one on Sawmill Creek. With funding from the



Lake Superior Basin National Fish Passageway Program under the USFWS and partnerships with the Lake County Soil and Water Conservation District, Barr Engineering, the MPCA, and Finland DNR Fisheries, this took place in August.

Wolf Ridge continued its association with Bluefin Resort where incoming guests could meet and greet our education Great-horned Owl or Red-tailed Hawk.

Wolf Ridge has another new experience under its belt. For about a month our facility served as the headquarters for the incident command teams and firefighters that were called in to protect our friends, neighbors, and their property from the Greenwood Lake fire. (See "Local Fires Reflect Area Drought" page 6 for details.)



A view of the Greenwood Lake fire from Wolf Ridge.



Fire's glow.



Smoke in Finland.



Grasses resprouting.



Wolf Ridge entrance.



PHOTO © Dustin LaVigne

DUSTIN LAVIGNE

2022

Our 2022 Wolf Ridge calendar features the work of Dustin LaVigne. A native of northern Minnesota, Dustin spends a lot of time outdoors. His grandma inspired his interest in photography. According to Dustin, "She was always taking pictures and video every time family gathered. Looking at the photos was like going back in time." Dustin developed the same habit and that's where his adventure into photography began. First he used cheap point and shoot cameras, gradually upgrading. Dustin's photography hobby generally consists of going out for family drives with his wife and three kids and just looking. They start out visiting areas where they have spotted wildlife in the past. Dustin says, "It's a win-win situation, because even if we don't find something to photograph, we still get to be out and spend time as a family." To see more of his photos visit Facebook (Dustin LaVigne Photography), Instagram (dustin_lavigne_photography) or for prints www.dustinlavigne.smugmug.com.

LOCAL FIRES REFLECT AREA DROUGHT

by Lori Walewski, Wolf Ridge Naturalist

This summer at Wolf Ridge it was a common occurrence to wake up to a cloudless sky but a hazy view. Fires both near and far caused this along with scratchy eyes and dry throats. Lack of rain resulted in Lake County, where Wolf Ridge is located, experiencing the 3rd driest year to date in 127 years. A considerable portion of the summer saw our region under various degrees of fire bans. A few fires resulted in closures of parts of the BWCAW. While fire is a natural part of a healthy ecosystem, it is a stressful and awesome phenomena when it occurs close to your home. This summer Wolf Ridge experienced that stress first hand and played a significant role in the response.

On August 15th, a lightning strike ignited a forest fire just north of Greenwood Lake about 22 miles as the crow flies from Wolf Ridge. With a moisture deficient of almost 6 inches and above normal temperatures for the summer, conditions were prime for a fire. Also contributing to the fire was a recent outbreak of spruce budworm. This insect is a native to Minnesota and is responsible for defoliating spruce and balsam fir in 25-40 year cycles. It had killed off substantial acreage in the fire's path adding fuel to the conflagration.

For many decades humans had adopted a policy of suppressing all wildfires however in relatively recent times we have learned the importance of regular fire in ecosystems. Fires are necessary for cycling nutrients through the system. The ashes, as well as the decomposing trees killed in the fire, add nutrients to the soil. Diversity maintenance is achieved by removing alien plants and allowing sun-loving greenery to grow. Habitat structure is altered, inviting in new species. Fires clean out stressed and diseased trees and the insects (like spruce budworm) that caused them to die. Additionally, fire reduces fuel loads if areas are burned on a regular basis preventing hotter and more destructive fires that damage the soils.

The day following the start of the Greenwood Lake fire, the Superior National Forest fire team contacted Wolf Ridge for support and our potential to host fire personnel. We proved to be an ideal location and because we were transitioning between summer and school programs we had space to accommodate them.

William Kelley Elementary School of Silver Bay, Minnehaha Elementary School of Two Harbors, and North Shore Community School, who attend during our first week of schools, rearranged their Wolf Ridge trips so that the fire teams could continue their use of Wolf Ridge as their incident command base for another week. Wolf Ridge extends a huge thank you to these local schools and teachers for joining us in supporting the fire suppression efforts.

Throughout the course of the fire four different teams used Wolf Ridge as their headquarters - local, two different Type II national teams, and one region-



al type III team. At the fire's peak, more than 100 people took over the Science Center including the rock wall and several spaces in the office to manage the fire. The fire team occupied classrooms with personnel that included: fire operations, logistics, ordering, planning, finance, medical, GIS, meteorology, fire behavior and forecasting, public information, and liaisons. The auditorium was used to broadcast fire updates with public in attendance.

Because of COVID fire crew regula-

tions and people coming from all over the U.S. as far as AK, NJ, and TX and in between only 1 or 2 could occupy the rooms in the lodges. Many firefighters stayed in tents at the Isabella and Finland Community Centers as is common at many fires.

The fire "blew up" on August 23rd. Because of extreme fire conditions fire crews had to be withdrawn and no fire fighting aircraft could be flown on that day. Despite efforts, 14 primary homes or cabins and 57 outbuildings were lost. The first priority is people and second is property. All residents and firefighters were safely evacuated.

Fire personnel saw some unusual conditions with this fire including seeing sphagnum moss that was a few feet thick burnt down to mineral soil and crown fire moving through healthy stands of aspen. These events indicated the severity of the drought.

With the fire 80% contained, the command team moved out of our facilities on September 19th. At the fire's peak 529 firefighters were working the fire. Eventually 26,797 acres burnt. The fire left a mosaic of forest conditions throughout the landscape, where portions of the forest canopy was untouched but the ground cover was completely burned, to completely untouched areas and, of course, areas where absolutely everything was burned to a blackened state. Nature had done its job in renewing the landscape and fire teams did their job of keeping people safe and saving many structures.

Gratitude abounds from all parties involved. Community members are grateful for the fire fighting teams. The fire fighting teams appreciate Wolf Ridge for the almost perfect facilities. Wolf Ridge recognizes the effort of the schools in rescheduling to accommodate the fire crews. The local schools are honor the work of the fire fighting teams in protecting homes of students. Thanks to all for outstanding cooperation during this stressful event. ♦

WOLF RIDGE SALUTES KRIS MACPHERSON

This June a Wolf Ridge alumna and advocate, Kris MacPherson passed away. Kris and her family first became involved with Wolf Ridge through our family vacation programs. They attended for years participating in both our summer and winter experiences for families. It was a joy seeing them each season and watching her children grow. Always looking to expand their knowledge and challenge themselves, Kris and her family were one of the first families to pioneer our family BWCAW canoe trips and then the Apostle Island kayak trips.

Kris served as the director of our Summer Youth Programs from 1994 to 1998. Her two daughters, Elizabeth and Kate

accompanied her and as they got older Elizabeth became a counselor. Whenever Kris could work it into her schedule as camp director, she would steal away, bring Kate along and join us on an early morning bird banding research project in which Wolf Ridge participates.

Outside of Wolf Ridge, Kris worked for St. Olaf College performing several roles over her 35 years there. She was a reference and instructional librarian, involved with the department of Asian Studies and the department of Environmental Studies, leadership for the St. Olaf Luce Initiative on the Asia and the Environment grant, taught *Interdisciplinary Approaches to Asia*, and lead two Terms in Asia groups.

Kris was great at knitting the passions of her life together. Keiko, a St. Olaf student from Japan found her way to the Wolf Ridge student naturalist program because of her association with Kris.

From 1999-2004, Kris played a leadership role in the Superior Studies program at Wolf Ridge. This environmental studies program was a consortium of private colleges (including St. Olaf) and Wolf Ridge. Kris provided direction and enthusiasm do-



Kris on the ropes course.

ing everything from recruitment to administration to leading canoeing and backpacking trips. The library at Wolf Ridge benefitted from her skills as she completely cataloged and computerized all our books.

Kris (and her family) will live on in the history of Wolf Ridge. The work she did at Wolf Ridge was always with passion and excellence. Many folks that knew and loved Kris have donated memorial funds to Wolf Ridge. We, here at Wolf Ridge, thank her for her service and being part of our lives and the Wolf Ridge story.♦



Kris MacPherson, top left, on one of the first family canoe trips.

Memorial Donors for Kris MacPherson

Richard Bodman & Hongyuan Lang
Sheri Breen
Kerry Carlson
Claire Coon
Carrie and Bob Evans
Michael Flynn & Angelica Dietz
Bruce and Alison Jarvis
Peter & Mary Karp

Emily Larson
Anders Matney
Keiko Nishimura
Trinara & Griffin Sonstegard
Patricia Van Wylen

WOLF RIDGE™
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FOOD FOR THOUGHT: MN WILD RICE

by Lori Walewski, Wolf Ridge Naturalist



Did you know that Minnesota has a state grain? States choose symbols that exhibit unique or abundant natural resources and also to represent cultural heritage of the area. With that in mind, you may have guessed that wild rice is Minnesota's state grain. Having more acreage in natural wild rice than any other state and having a significant role in Ojibwe history and lifestyle fulfills both criteria.

Wild rice is somewhat unique. It is not in the same genus as white/brown rice (genus *Oryza*). It is in the genus *Zizania* of which there are only 4 members. Northern Wild Rice, *Zizania palustris*, is the species found in Minnesota. It is a native annual found throughout the great lakes region of the U.S. and Canada. This aquatic grass is dependent on slow, moving water with a mucky substrate. Seeds need several months of near freezing temperatures to germinate, sprouting shortly after ice out. Underwater leaves develop in May and in June the first floating leaves appear on the surface. During the floating leaf stage, it is critical that the water levels remain consistent. Stem growth topped with flowers continues into August. Wind pollination occurs with the rice reaching peak maturity for a 2-week period in late August and early September.

Like most plants, wild rice is ecologically important, providing food, shelter, and space for invertebrates, birds, mammals

(including moose), and more. Nearly 20 species that the MN DNR classifies as a "species of greatest conservation need" depends on wild rice for shelter or food. "Ninety-four percent of Sora Rails' fall diet consists of wild rice hence its nickname, rice hen. Wild rice also improves water quality. Their roots stabilize soil, take up nutrients, which reduces algae blooms, and acts as a wind buffer.

Over the last few decades, a decrease in wild rice abundance has been observed. Some factors indicated in this decline include climate change, changing water levels due to beaver removal and human created water divergences, genetically modified rice, and increasing sulfate levels above what wild rice can.

For the Ojibwe people that populate the Midwest, wild rice plays a major role in their historic and current cultural story. According to Ojibwe oral traditions, the Anishinaabe were part of the Algonquians living in eastern North America. Following a prophesy to relocate to where food grows out of the water, a group of Natives moved westward over many generations finally settling in the Great Lakes region. Wild rice, manoonin in the Ojibwe language means good berry. And indeed it is very healthy, being high in protein and fiber and low in fat with no gluten. The Ojibwe view manoonin as sacred having been prophesied by the Creator. As a food source, none was as important as wild rice.

Harvesting methods have not changed significantly. Today a canoe is poled or paddled through the rice while a second person uses a short knocker/flail to bend the rice stalks over the canoe while brushing the grasses with another knocker. To collect wild rice a fee based DNR permit is required. Much like fishing, regulations must be followed regarding

canoe and knocker sizes, time of day, and season.

Once the rice has been gathered it needs to be processed to prepare it for eating. This includes drying and removal of the husks/hull from the individual grain. Wild rice can be stored for 10 years or more if in an airtight container in a cool location.

James and Gerald Godward of Brainerd, MN were the first to officially start cultivating wild rice in 1950. Now production and sales of cultivated or paddy rice wild rice are lead by Minnesota and California. Paddy and the true organic wild rice differ in color. Cultivated rice is uniformly dark brown in color within a single grain and between grains. Organic wild rice is lighter brown, more like the color of tea with variation in tone and intensity. When cooked, organic wild rice is puffer with the grain splitting and curling. It has a delightful nutty taste.

When you think about it, wild rice is an ideal symbol for Minnesota. It is a natural resource that provides food and habitat for a variety of animals including humans and improves water quality. It is of historical and current significance to the Ojibwe. Wild rice connects Minnesotans with the past, present, and future. We know that native wild rice is on the decline. "When there's a problem for wild rice, there are wider implications throughout the ecosystem," says Crystal Ng, U of MN hydrologist and wild rice expert who works closely with the Ojibwe. Chew on that. ♦



2021-22 SEASONAL NATURALISTS



Toby Armellino

Hometown: Rome, GA
BS History & Political Science
Shorter College

Ella Doud

Hometown: Fort Collins, CO
BS Biology & Environmental Studies
St. Olaf College

Kate Folkman

Hometown: Morris, MN
BA Environmental Studies
Concordia College

Christina Gilbert

Hometown: Brooklyn Center, MN
BA Biology & Environmental Science
U of MN - Morris

Matt Hallahan

Hometown: Oak Harbor, WA
BA Environmental Studies
St. Olaf College

Carolyn Hanrahan

Hometown: Chatham, MA
BA Environmental Studies
St. Olaf College

Hannah Henricksen

Hometown: Minneapolis, MN
BS Environmental Sciences
U of MN - Twin Cities

Tasha Marie Holifield

Hometown: Minneapolis, MN
BA Dance
U of WI - Milwaukee

Gene Hopman

Hometown: Cornucopia, WI
BA Sustainable Community Development
Northland College

Olivia Jascor

Hometown: Stevens Point, WI
BA Geology & Environmental Studies
U of St. Thomas

Kiana Johnson

Hometown: Janesville, WI
BA Field Biology
U of WI - River Falls

Chloe McKinley

Hometown: Berwyn, IL
BA Biology & Studio Art
Beloit College

Kelly Popham

Hometown: Duluth, MN
BS Biology
U of MN - Twin Cities

Moss Schumacher

Hometown: Duluth, MN
BS Psychology
U of MN - Duluth

Noah Shea

Hometown: Chaseburg, WI
BA Environmental Studies
Lawrence University

Spencer Skaggs

Hometown: Russellville, AR
BA Environmental Studies & Biology
Hendrix College

Mabel Smebakken

Hometown: St. Paul, MN
BS Earth Science
U of MN - Twin Cities

Evan Unruh-Friesen

Hometown: Minnetonka, MN
BA Geology
Macalester College

Courtney Wright

Hometown: Minocqua, WI
BS Zoology & Environmental Studies
U of WI - Madison

John Kolstedt (76) and **BJ Smith Kohlstedt (76)** are building a house on County Road 6, not far from the Wolf Ridge driveway. **Kim Swanson (05)** has been chief helper and **Jenna Pollard (13)** created a timber frame arch for the second floor living space. Many other local Wolf Ridge staff have lent helping hands and opinions as the project progresses. **Terry McLaughlin (87)** spent the fall teaching about raptors and sharing about fall migration with visitors at Hawk Ridge in Duluth, MN. **Rhan Flatin (88)** is living on the family farm outside Spring Grove, MN. **Angela Borland (99)** is in CO employed as the volunteer and education supervisor for Larimer County Natural Resources. **Shannon (Gilles) Walz (05)** has a new position working for the Friends of the Finland Community as the finance coordinator. **Mikki Brevig (17)** has moved to CA and is serving as a nanny for her sister's, **Lynnae (Fischbach) Taylor (07)**, son. **Emily Foubert (12)** is in OH. She started a nature program there. **Paige Hieptas (18)** continues to work at Amerigo - Twin Cities but in a new position in operations. **Kaylyn Borucki (18)** is employed with the Girl Scout Council of MN and WI. **Anna Weeks (18)** can be found teaching in Fridley, MN. **Charlie Pavlisich (18)** recently was the lead teacher for the students 7th grade students from Minnehaha Elementary School from Two Harbors that missed their Wolf Ridge trip as 6th graders because of COVID. He and **Emily Deflosse (19)**, who is here at Wolf Ridge as a mentor naturalist, are renovating a house. **Shannon Lusk (19)** landed a job at Eagle Bluff and is their naturalist (preschool) and event coordinator. ♦



FAMILIES

SUMMER PROGRAMS 2022

Open House: June 25, 2022 **Free**

Bird Banding Drop-in days: June 1, 15, 29, July 6, 13, 27, Aug 3 7:00-11:00am **Free**

Family Camps Half-week: (all ages) July 6-10, Aug 17-21 starting at \$770 for 2 people

Family Camps Full-week: (all ages) July 17-23, July 31-Aug 6 starting at \$1154 for 2 people

Family Wilderness Trips: (all ages) June-August, see our website for details



YOUTH

TRADITIONAL CAMPS

Summer Sampler: (2nd-5th gr) Aug 17-20: \$429

Discoverers: (4th-5th gr) July 10-16, July 17-23, July 24-30, July 31-Aug 6, Aug 7-13: \$688

Voyagers: (6th-7th gr) July 10-16, July 17-23, July 24-30, July 31-Aug 6, Aug 7-13 \$688

Adventurers: (8th-9th gr) July 10-16, July 17-23, July 24-30, Aug 7-13: \$702

SPECIALTY CAMPS

Day Camp: (K-5th gr) July 5-8: \$220

Eco-Artists: (4th-5th gr) July 24-30: \$688

Angling to Archery: (6th-7th gr) July 10-16: \$748

Girls Rock the Ridge Leadership: (6th-7th) July 31-Aug 6: \$702

Boys Rock the Ridge Leadership: (6th-7th) July 31-Aug 6: \$702

Farm Camp: (8th-9th gr) August 7-13: \$688

Camp Rock Climbing: (8th-9th gr) July 17-23: \$768

Ornithology Field Camp (10th-12th gr) July 10-16: \$937

Credit Camp - Freshwater Ecology: (10th-12th gr) July 10-23: \$2,255

Credit Camp - Wilderness Ethics: (10th-12th gr) July 31-Aug 13: \$1868

WILDERNESS TRIPS

BWCAW Canoe 5-day: (7th-8th gr) Aug 14-20: \$715

Adventurers 2-wk BWCAW Canoe: (8th-9th gr) July 17-30: \$1,562

Adventurers 2-wk Isle Royale Backpack: (8th-9th gr) July 10-23: \$1,595

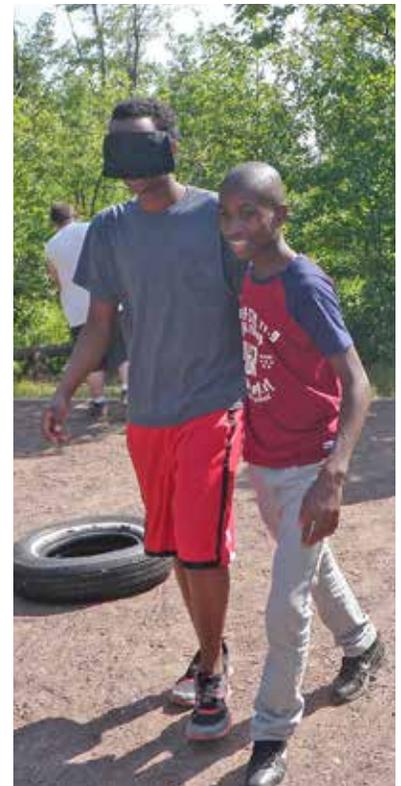
Jr Naturalists 2-wk Quetico Canoe: (10th-12th gr) July 31-Aug 13: \$1,677

Jr Naturalists 2-wk Apostle Island: (10th-12th gr) Aug 7-20: \$1,652

BWCAW Grand Portage Expedition: (10th-12th) July 3-23: \$2,255

Apostle Islands Kayak Expedition: (10th-12th) July 3-16: \$1,868

Superior Service Learning: (10th-12th gr) Aug 7-13: \$702



COVID-19 safety protocols in practice for all programming.

Bird Banding IBP Beginning: (adults) June 24-July 1

Bird Banding IBP Advanced: (adults) July 3-7



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Complimentary Issue

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Wolf Ridge is an accredited residential environmental school for persons of all ages. We offer immersion programs which involve direct observation and participation in outdoor experiences. Wolf Ridge programs focus on environmental sciences, human culture and history, personal growth, team building, and outdoor recreation.

Our mission is to develop a citizenry that has the knowledge, skills, motivation, and commitment to act together for a quality environment.

We meet our mission by:

- Fostering awareness, curiosity, and sensitivity to the natural world.
- Providing lifelong learning experiences in nature.
- Developing social understanding, respect, and cooperation.
- Modeling values, behaviors, and technologies which lead to a sustainable lifestyle.
- Promoting the concepts of conservation and stewardship.