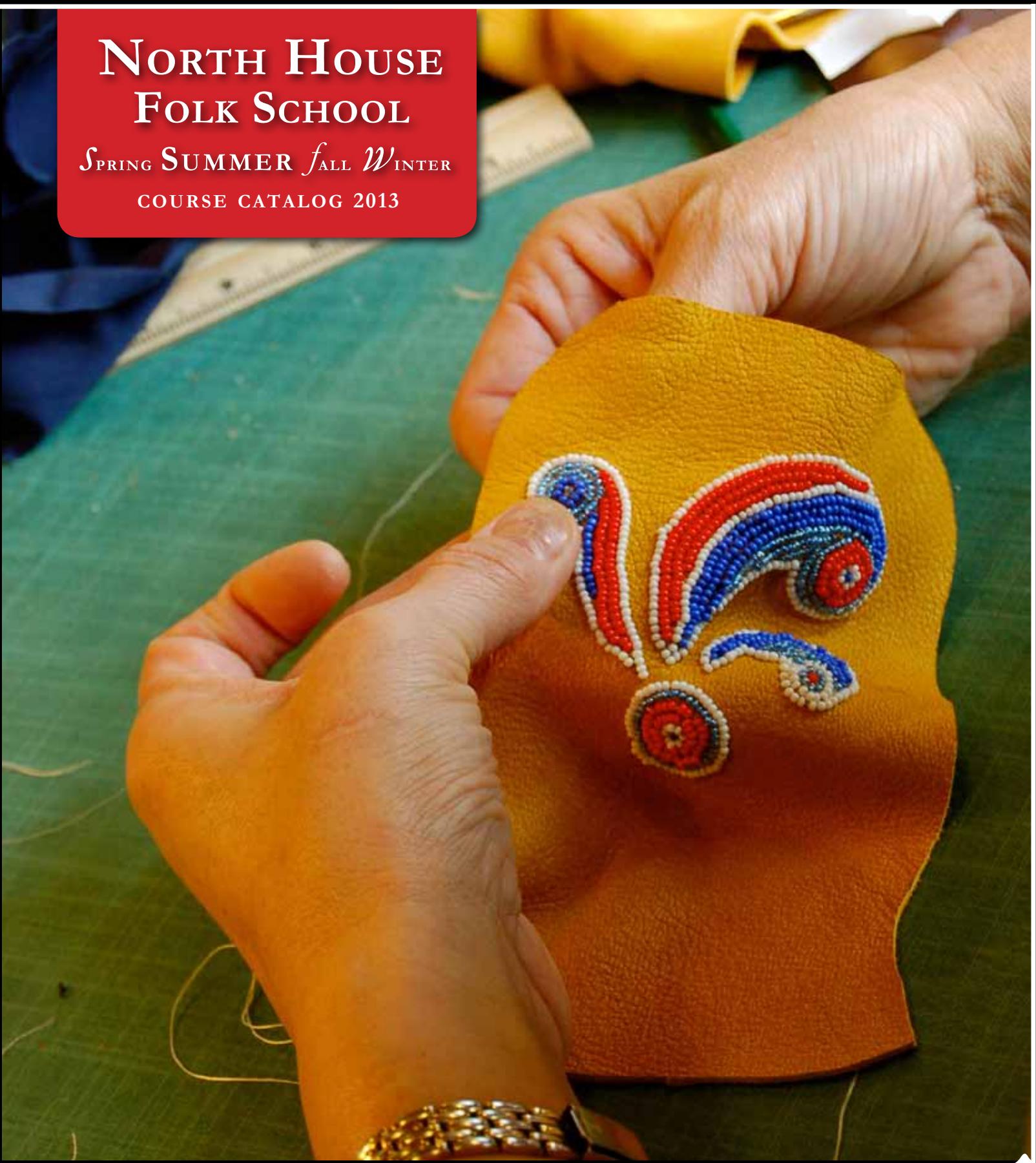
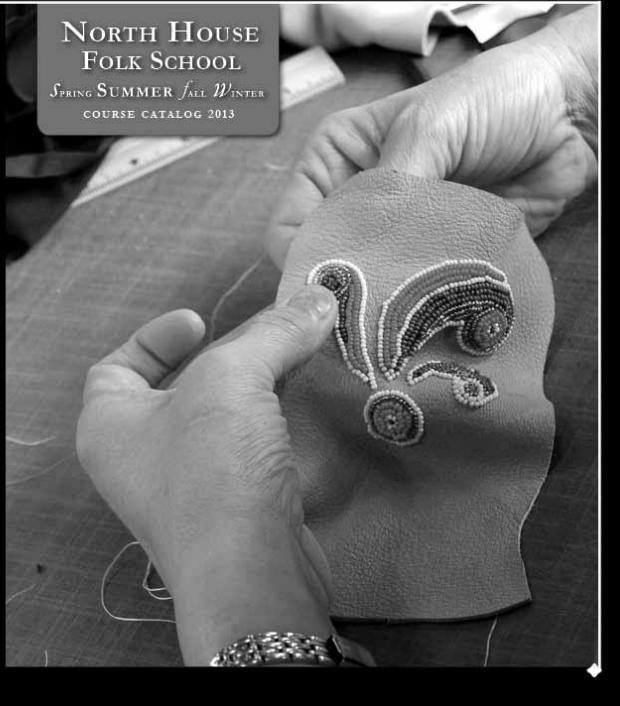


# NORTH HOUSE FOLK SCHOOL

SPRING SUMMER *f*ALL WINTER

COURSE CATALOG 2013





NORTH HOUSE  
FOLK SCHOOL  
SPRING SUMMER FALL WINTER  
COURSE CATALOG 2013

## On the cover

Deer hide is literally a blank canvas, and colorful beads are just waiting to be transformed into a unique, personal design inspired by natural beauty and abstract images.

The course depicted is Aniishiinaabe-Style Bead Embroidery & Moccasin Sewing (pg 14) or Moccasin-Making & Bead Embroidery in the Aniishiinaabe-Style (pg. 15) (one version of the course is offered on campus, the other at Grand Portage National Monument).

Offered since 2009, the moccasin and beading class exemplifies what North House is about. Students not only learn a hands-on skill, but delve deep into the history of a traditional northern craft.

Students learn how to make moccasins, and also learn techniques of traditional Aniishiinaabe beadwork, which has been used for centuries to decorate clothing and items for daily and ceremonial use.

The instructor, Marcie McIntre, is an Aniishiinaabe beadworker and Grand Portage Band member. Beading has been a part of her family tradition since at least the 1850s.

In 1969, an early point in her artistic career, Marcie took a tour of a Red Lake museum. It was only a 15-minute tour, but the beadwork covering the museum walls made a lasting impression.

Students may find similar inspiration, as the course is typically offered in partnership with the Grand Portage National Monument, where the students have access to the collection archives, which are not on public display. (During the winter months the course is offered on the North House campus because the Monument closes for the season.)

Marcie now makes her living as a craftsperson and has a gallery open to the public in Grand Portage.

On the Back Cover: Shrinkboxes stand in a colorful array alongside a bowl in progress. You can make your own colorful shrinkboxes in Slöjd Workshop: Shrinkboxes, Ale Bowls & Knife Work (pg 48) offered by Jim Sannerud.

## North house folk school

is situated on Minnesota's North Shore of Lake Superior and at the edge of the Boundary Waters Canoe Area Wilderness. Our campus is located harbor side in the vibrant, artistic village of Grand Marais, Minnesota.

A number of colorful timbered structures on the harbor serve as classrooms, defining the campus' flavor. An outdoor masonry oven and community fire ring are scattered amidst a central courtyard. Small, handcrafted wooden boats line the beach and our 50' schooner, the Hjordis, is docked at the water's edge.

Prior to the beginning of classes, students gather to share a cup of coffee or tea, enjoying the morning stirrings on the harbor. Classes typically start with a campus greeting, and then students spend the morning engaged in their respective crafts. A midday break gives students the opportunity to gather for a brown bag lunch at a beachside picnic table or to check out one of the numerous eateries within walking distance of campus. At day's end, students congregate to share their learned experiences and often on Saturday night enjoy wood-fired pizzas baked in the harborside masonry oven.

Students are as diverse as the course offerings themselves. Many are discovering a new craft for the first time, and others are continuing to pursue a lifetime hobby or trade. From breadbaking to knitting, basketmaking to woodcarving, we invite you to page through this catalog and see what suits you.

## mission

Enriching lives and building community by teaching traditional northern crafts in a student-centered learning environment that inspires the hands, the heart and the mind.

Five basic tenets underscore all programs and classes at the folk school:

- Create a rich, positive environment that inspires life-long learning in a non-competitive setting
- Help students recognize and develop their creativity, talents and interests in a student-centered environment
- Promote and preserve the knowledge, skills and stories of the past and present
- Foster the concept of intergenerational learning
- Provide creative and meaningful opportunities for individuals, families and groups



## Community supported

Stop by the North House campus anytime and one thing is immediately apparent – North House thrives thanks to the creativity, investment, involvement and generosity of many people. Individuals, families, businesses, funders—it's the collective strength of North House's diverse community of supporters that lets us thrive.

What do donor investments make possible? In 2012, gifts from supporters helped create our new campus' Outdoor Commons. The year before that, donor generosity and volunteer involvement built the Blacksmith Shop. Put simply and truly—each step forward for North House has invariable involved the helping hands and financial support of North House's family of supporters!

Not only have donors helped make campus a better place to learn; they have also allowed North House to bring inspiring speakers to events, welcome featured guest instructors to campus and ensure programs remain accessible thanks to our Earn & Learn program.

Every donor and every gift makes a difference. Can you help? Indeed – it's simple. Get involved. Become a North House member. Or become a volunteer. Even both. Become a member and receive a number of benefits throughout the year. Our catalog will show up in your mailbox twice a year, as will our newsletter *Shavings* and our annual report. Members even "Get The Pass" at all of our special events.

See page 55 for further information—we'd love to have you as part of the North House family!

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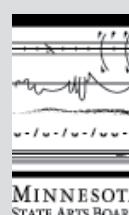
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A 501(c)(3) educational nonprofit, North House Folk School welcomes charitable contributions that support its educational mission and vision. Gift types include annual support, memorials, in-kind donations and planned giving. For more information on giving, please contact us at 888.387.9762.



# On the harbor

**W**hen I was growing up, my mother gave me a wonderful gift that it took me years to fully appreciate. The gift was made from a flat, medium-sized square of wood, designed to be hung on the wall. Painted with a white background and with a strong black line as a frame, it was simply titled – A Picture Is Worth A Thousand Words. Following the title, in row after row of neatly lettered text, a series of sayings sung out to a young teenager curious about the world. It was colorful - the first saying was in blue letters, the next saying in yellow, then one in orange, next green, and so on. One phrase led to the next, seemingly unconnected. By the end of the final line and the final word (1000 words exactly, believe me, I counted once), the picture of words was complete.

Wisdom comes in many forms, though it's often hard to recognize when you first see it. My mother's gift was one of these. It hung on the wall of my bedroom for years. Nearby, hung another small plaque with a single thought offering much more direct advice: "Be sure brain is in gear before engaging mouth." Words to live by, or at least to try to live by—an intriguing task for a teenage boy.

Over the years, naturally, the journey of life has helped me discover some of the meaning behind the words that so colorfully adorned the Thousand Word picture. "Strike while the metal is hot." "Busy as a bee." "A stitch in time saves nine." "He who splits his own wood warms himself twice." The list goes on. Viewed through the lens of traditional craft, the axioms now mean more than ever. In the blacksmith shop, out in the apiary, by the mending basket, or out by the woodpile, these are words of wisdom, both for the days work and for the work of life.

For 2013, a classic truism from the woodshop frames a key priority for North House: "Sharpen The Saw." If you've ever tried to cut wood with a dull blade, you'll immediately understand the wisdom of these three simple words. Our campus is thriving – the improvements we've made during the past five years have strengthened North House in innumerable ways. Now we need to double our efforts to advance the resources in our classrooms and around our campus – sharp saws, improved lighting, fully funded earn & learn opportunities, instructor recruitment. This list goes on as well.

Whether this is your first encounter with North House or you've been with us since our beginning, we hope this catalog ignites a spark of curiosity. "Every journey begins with a first step." See you on campus soon!

- Greg Wright, Executive Director



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# earn & learn work study



Work, Study, Accessibility – these three words capture the vision of the Earn & Learn Program at North House Folk School. Earn & Learn tasks and sessions align with North House's needs for peak season campus support—Can do? We'd love to have you join us!

Are you ready to journey North for a week-plus, investing your energy first by making the North House campus shine (sweeping floors, preparing classrooms, washing dishes) and then immersing in the class you've been dreaming about for years? OR, do you live nearby and are you willing to make a weekly commitment helping with campus set-up to gradually build a nest egg of course credit? If so, the Earn & Learn Program may be for you.

Want to learn more? Details on how to apply, schedule, candidate selection and lodging are all available in our Earn & Learn application packet. Check it out on our website (Earn & Learn can be found under the "Programs" tab), or give us a call.

## sharpen the saw



## summer public programs



The generous support of hundreds of donors secures North House's mission in many ways. This year we're seeking to become an even stronger learning community with our *Sharpen the Saw* initiative: three years of targeted improvements in our classrooms and workshops. Lighting to lathes, kitchen stools to tool cabinets—ALL student-focused. To make this happen we need your curiosity, engagement and support! Your generous involvement will set the stage for the year, positioning us to invest a first \$20,000 on *Sharpen The Saw* projects. All donations, big to small are welcome. For example: a donation of \$25 buys a quality workshop lamp, and \$250 underwrites an intern for two weeks. If you'd like to take part and become a member, please click the "Giving Opportunities" link on our website, or give us a call. Your support makes a difference.

This summer, opportunities to engage at North House abound. Not only are we offering hundreds of different course options, but we'll also have public programming opportunities available every day of the week, from sailing each day to mini-courses twice a week. Not ready to commit to a full course experience, or on vacation and looking to engage together as a family? Come on down to campus and get a small taste of what North House is about.

We'll again offer wood-fired baking and craft mini courses, and new this year: you'll have the chance to be in a Sunday small boat mini-workshop, taking our fleet of wooden boats (prams, bateaus, and dinghys, oh my!) out on the water. Want to keep it low key and just watch? Live craft demonstrations with artisans-in-residence and interns will take place several days each week. And naturally, you're always welcome to set sail on Lake Superior aboard our trusty schooner Hjørdis. Want more details? Check back with us as summer draws near to learn more about times, costs, and reserving your spot.

## want more course info?

A screenshot of the North House Folk School website. The header features the school's name and a search bar. Below the header, there are navigation links for About Us, Courses, Programs, Campus Life, Get Involved, and School Store. A main content area shows various course thumbnails, including Wild Rice Winnowing, Craft Your Own Food, and Tools. A sidebar on the left includes sections for Overview, Tools, Instructor, and a link to a Wild Rice Winnowing video.

We'd be the first to tell you that 56 pages have their limits! We can only include so much information within the pages of the course catalog, so the place to go for much, MUCH more is our website at [www.northhouse.org](http://www.northhouse.org). Not only will you find expanded course descriptions and more pictures, but this year we've added a new functionality: the Tools Tab. Each course page now features a clickable tab at the top which reveals the complete list of the tools you'll need for any given course. After you register you'll still receive a confirmation packet in the mail with the same list, plus a list of optional tools and recommended reading, but we hope the Tools Tab helps you prepare well in advance. As always, if you have any questions feel free to get in touch—we're here to help!



## special events

### Service learning & VOLUNTEER WEEKEND

April 19-21, 2013

Spring at North House means a time to freshen up campus and work on projects in preparation for the busy summer season, and you're invited to lend a hand! During our Service Learning & Volunteer Weekend there will be plenty of ways to take part.

One way is simply through volunteering. Get in touch with volunteer coordinator Kelly Dupre at [kdupre@northhouse.org](mailto:kdupre@northhouse.org) to sign up.

Another great way to learn new skills while also helping North House is by participating in any of the Service Learning courses. This year you can help build the Timbered 'Red' Entryway (pg 42), and make Tools for the Shop: Service Learning in the Blacksmith Shop (pg 11).

### Northern sustainability EVERYDAY SOLUTIONS

May 3-5, 2013

How do I fix this hole in my sock? I wish I knew how to sharpen my own knives. There has to be a less toxic way to clean my house. Hmm...bulgur... how do I cook that? I wish I knew how to build things. Are these the thoughts in your head? Then the Northern Sustainability Symposium is for you.

The story of sustainability in our changing world is more than a macro-scale question. Many of the changes ahead will be made by individuals learning to repair and repurpose, simplify and reclaim the everyday skills of self-reliance from the not-so-distant past. This event will focus on the do-it-yourself skills that are integral to sustainable future.

We welcome featured speaker Dmitry Orlov, the author of the award-winning book *Reinventing Collapse: The Soviet Example and American Prospects* and of the forthcoming *The Five Stages of Collapse: Survivors' Toolkit*. Orlov will speak on Saturday night and will also offer two courses during the event.

888-387-9762

### Northern landscapes FESTIVAL

May 30-June 2, 2013

Discover the birds, wildflowers, geology and more of the dynamic and rich Northern landscape. The Northern Landscape Festival features a series of interrelated, field-focused courses, complimented by featured presentations and programs.

This year coursework has expanded to include further exploration in geology (pg 31), birding by ear (pg 30), and bird and wildlife photography (pg 30).

This year's featured speaker is instructor and wildlife photographer Paul Sundberg. He'll offer a slideshow of his work Saturday night and talk about his photographic journey. Paul's photos are frequently published in Lake Superior Magazine, The Boundary Waters Journal and the Wolf Ridge Environmental Learning Center calendar.

### Wooden boat show & SUMMER SOLSTICE FESTIVAL

June 21-23, 2013

It's the biggest celebration of the year! Try your hand at a workshop or course; be inspired by the stories of boat builders, sailors and travelers; and plan your next adventure. It's a fun, family-oriented educational event—curiosity is welcome.

At the Wooden Boat Show you'll find all the old favorites including our newly rescheduled (and wildly successful!) Friday evening boat parade, chowder chowdown, wooden boat display, boats-to-tools auction, speakers, craft demonstrators and the summer solstice pageant.

This year's featured speakers are Dave & Amy Freeman of Wilderness Classroom, who will be fresh off the water after completing their 11,647 mile journey across North America by kayak, dogsled and canoe. Grab a paddle and journey North!





Onion & Garlic Round Reed Baskets

## Antler Basketry: Open Season

with Cathryn Peters

11/1/13-11/3/13

Open this year's deer hunting season by learning the creative skills and techniques of antler basketry. In this course you learn to weave stunning rib-style baskets from dyed and natural rattan reed, incorporating a deer antler as the handle or focal point for your design. You'll learn both three-point rim lashing and Southern "cross over turn-back" weaving techniques that comfortably introduce you to the skills of basketmakers. Antler basketry is a creative, colorful way to spend the weekend with old friends or find new friends during the course. An emerging folk-art form, antler basketry is an aesthetic alternative to the deer hunting season.

length (days) 2.5

hours Days 1&2: 9am-4 pm and Day 3: 9am-noon

tuition \$185 early bird tuition (6+ wks in advance) \$175

materials varies (approx. \$50)



# basketry

new

## Basswood Bark: Twining & Weaving

with John Zasada

10/19/13

Much like wool, cattails, and other grasses, the inner bark of the basswood tree can be twisted, woven and braided (we've even tried knitting with it). It can also be dyed brilliant colors, which expands the creative possibilities for this all-natural material. Join John Zasada to learn the basics of making cordage. You'll have a variety of project choices, and the only limit is really your creativity. Smaller hands welcome, ages 10+ with a parent.

length (days) 1 hours 9am-5pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$26

age with adult 10+

## Birch Bark Berry Basket: Workshop and Field Harvest

with Dennis Chilcote

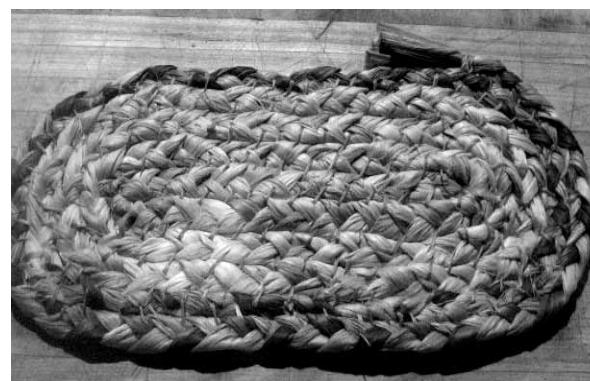
6/28/13-6/30/13

Fully experience the craft of making a traditional birch bark basket for the gathering and storage of berries or anything you please. This course includes time focused both on basket making and on material preparation. Day one includes an extended session in the woods to harvest the birch bark in preparation for basketry. You then make your own individual basket from a single piece of birch bark with stitched sides and a rim wrapped with split root. The instructor provides the peeled and split root, bent willow rims and required tools.

length (days) 3 hours 9am-5pm

tuition \$270 early bird tuition (6+ wks in advance) \$255

materials \$37



Basswood Bark: Twining & Weaving

888-387-9762

Antler Basketry: Open Season

Basswood Bark: Twining & Weaving

Birch Bark Berry Basket: Workshop and Field Harvest

Birch Bark Boxes: Scandinavian Bark Basketry

Birch Bark Tutorial

Birch Bark Weaving: Bracelets & Other Small Projects

Black Ash Basketry: An Introduction

Cattail Tote Bag

Cattail Weaving: The Northern Fedora

Craft Your Own Coiled Bee Skep

Crafting the Traditional Stake & Strand Willow Basket

Etched Birch Bark Basketry

Hanging Birch Bark Baskets: Basketry for Families

Onion & Garlic Round Reed Baskets

Pine Needle Basketry

Round-Bottomed Black Ash Bushel Basket

Russian Birch Bark Weaving Tutorial with Vladimir Yarish

Swedish Decorated Birch Bark Canisters

Sweet Grass Basketry

The Harvest Basket: Red-Osier Basketry

Weaving Holiday Ornaments From Birch Bark

## Birch Bark Boxes: Scandinavian Bark Basketry

with Fred Livesay  
9/7/13-9/8/13

18th and 19th century Scandinavians commonly kept small, flat birch bark boxes in pockets for the then popular taking of snuff. Larger finger and lap jointed boxes often held coffee, tea, tobacco, salt, tacks, paint pigments and even butter. Today they continue to be a treasured place for keepsakes, buttons, spare change, jewelry, dried fruits, oatmeal or a child's found treasures. Discover how to make these charming little boxes following centuries old traditions and techniques with new methods, too.

length (days) 2 hours 9am-5pm  
tuition \$150 early bird tuition (6+ wks in advance) \$130  
materials \$20

## Birch Bark Tutorial

with Charlie Mayo/John Zasada  
9/21/13-9/22/13

No patterns to choose from here - we simply offer the personal experience of two seasoned weavers willing to pass along their knowledge. Join Charlie Mayo and John Zasada, two birch bark veterans, as they tailor the birch bark weaving experience to meet your desired outcome - a simple finger ring, wall baskets and bread baskets for beginners, and satchels, shoes or hats for experienced weavers. John, a retired silviculturist, shares his knowledge of bark selection and collection while Charlie shares the varied traditions of weaving bark throughout Scandinavia and Russia.

length (days) 2 hours 9am-5pm  
tuition \$180 early bird tuition (6+ wks in advance) \$170  
materials \$45

## **new** Birch Bark Weaving: Bracelets & Other Small Projects

with John Zasada  
10/18/13

Birch bark: not just for starting fires anymore. With a little imagination, creativity and effort, birch bark can be woven into a wide variety of shapes and objects. In this one day session, you'll focus on weaving a circular forms. These can become a bracelet, inspired by the Hawaiian lahalo design, napkin rings or, add a little woodworking, and this same form can become a small box with a lid. Industrious students will likely be able to complete both projects. Great for learners of all ages!

length (days) 1 hours 9am-4pm  
tuition \$75 early bird tuition (6+ wks in advance) \$65  
materials \$26  
age with adult 10+

## Black Ash Basketry: An Introduction

with Dennis Chilcote  
4/20/13-4/21/13

Black ash splint is extremely flexible yet sturdy, making it a most elegant and functional material. In this course you'll learn the craft of preparing splint from the black ash tree, then use it to make a small black ash basket. Class discussion and hands-on experience includes learning to recognize black ash trees of basket splint quality and the technique involved in producing the final weaving material. Students will pound a log with a mallet to produce splint and should be physically fit for the task.

length (days) 2 hours 9am-5pm  
tuition \$150 early bird tuition (6+ wks in advance) \$130  
materials \$25

## Cattail Tote Bag

with Tina Fung Holder  
5/25/13-5/26/13

Wondering what to do with all those cattails growing down by the pond? Learn how to make a handy and stylish tote bag. Students will learn how to plait with the cattail leaves and assemble a tote bag. The basic checker weave (usually done with palm fronds) will be taught using cattails and iris leaves, giving this project a distinctly northern flair. As time permits you will be taught other more complex weaves. Previous experience is not necessary but sewing skills are helpful. Materials supplied.

length (days) 2 hours 9am-5pm  
tuition \$150 early bird tuition (6+ wks in advance) \$130  
materials \$28

## Cattail Weaving: The Northern Fedora

with Tina Fung Holder  
7/20/13-7/21/13

It's inevitable...things are warming up and the sun's rays are brighter than ever. Sunscreen isn't just for the south anymore. Put a northern twist on a southern hat weaving tradition and make yourself a woven cattail hat to protect yourself from the sun during your outdoor activities. Palm fronds are the materials most commonly used for this "strip plaiting" weaving project; however, native northern cattails work as a northern substitute. You will learn how to weave your own hat and get some foundational basketmaking skills along the way in this fun project. All the materials are provided.

length (days) 1.5  
hours Day 1: 9am-5pm Day 2: 9 am- noon  
tuition \$115 early bird tuition (6+ wks in advance) \$100  
materials \$10

## Craft Your Own Coiled Bee Skep

with Cathryn Peters  
5/11/13-5/12/13

Basket making and beekeeping traditionally go hand in hand, as beekeepers before the 1850s housed their bees in handcrafted coiled bee skeps. Bring nostalgia to your home or garden by crafting your own decorative, traditional straw bee skep or more prim/western skep out of rope. You'll learn the traditional coiling basketry technique to create a skep, providing you the skills and instruction to make a full-sized skep tailored to your beekeeping needs. Your instructor also will discuss the traditions of bee skep history and lore as she learned from her travels throughout England.

length (days) 1.5  
hours Day 1: 9am-5pm, Day: 9am-noon  
tuition \$125 early bird tuition (6+ wks in advance) \$115  
materials \$25



Round-Bottomed Black Ash Bushel Basket

“the campus  
instilled  
a sense of  
focus  
on our  
craft,  
not ‘crafts’.”

- from a student evaluation form

## Crafting the Traditional Stake & Strand Willow Basket

with Lindsay & Lee Zeike Lee  
8/16/13-8/18/13

When northern European emigrants came to North America they brought with them a host of crafts and skills necessary for survival in their new world. The basketry tradition known as 'stake & strand' was one such craft, as baskets were used to store nearly everything around the homestead. Learning to weave with sticks of willow is a little different from reed, wood or bark. Willow yields to strong hands, giving beautiful results, and class members will make a sturdy and functional round basket with a handle using a variety of weaves. You'll learn the techniques behind the terms slath, twining, 4-rod wale, French randing and border weaves. Class discussions will cover willow cultivation and harvest, traditions and lore.

length (days) 2.5  
hours Day 1: 5-8 pm, Day 2/3 9am-5pm  
tuition \$200 early bird tuition (6+ wks in advance) \$185  
materials \$45

## Etched Birch Bark Basketry

with Jarrod StoneDahl  
7/5/13-7/7/13

When birch bark is harvested at a certain time of the year, it has a very thin layer that oxidizes and turns very dark. This bark is called "winter bark" and is prized for basketry because designs can be scratched into the surface. In this class we will cut and fold "winter bark" into a basket, sew it together with split root, and lash the rim on with black ash splint. After the basket is put together, we will focus on the etched design. The possibilities are endless; the technique is simple. The basketry style being taught focuses on the basic principles of working with birch bark while allowing students to make 1 of 2 different styles of the folded and sewn type baskets.

length (days) 2.5 hours Day 1 5pm- 8pm; Day 2 and 3, 9am-5pm  
tuition \$185 early bird tuition (6+ wks in advance) \$175  
materials \$55  
age with adult 14+

# Hanging Birch Bark Baskets: Basketry for Families

with Kurt Mead/Yarrow Mead

8/24/13

Join father and daughter instructor duo as they share with you a wild-crafting project. The birch bark hanging basket is a wild-crafted, decorative household basket that's both simple to create and equally fun to gather materials for. We'll venture out into the wonderlands here on the North Shore to learn how to gather our materials for this keepsake basket – gathering birch bark from fallen birch trees, willow twigs for a bent handle-hanger together and a little salvaged lumber for the base. The basket can be used throughout the year for indoor and outdoor decorating, holding dried and fresh flowers. Adult-child pairs are strongly encouraged to enroll together, but adult participants are welcome to join us on their own, in hopes you'll share this wonderful craft with a little one in your life.

length (days) 1 hours 9am-5pm

tuition \$75 (or \$120 adult-child pair)

early bird tuition (6+ weeks in advance) \$65

materials \$10 age with adult 10+

# Onion & Garlic Round Reed Baskets

with Cathryn Peters

5/10/13

Just right for the kitchen - a hand-woven basket that will keep your onions and garlic fresh for weeks! Perfect for year-round use, each student will learn to make two wall hanging baskets woven from round reed in this one-day course. Working in the twining tradition of basketry, you will control the shape and create a woven rope-like handle for each basket - perfect for hanging on the wall or giving as gifts. (Basket dimensions: onion 15"H x 8"W and garlic 8"H x 5"W)

length (days) 1 hours 9am-4pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$30

# Pine Needle Basketry

with Paula Sundet Wolf

10/5/13-10/6/13

Create a traditional coiled basket from locally harvested red pine needles. Starting with either a pliable birch bark base or an elegant Lake Superior agate base, you will work with a variation of the spiral stitch to form a basket with a distinct spiral pattern inside and out. Samples of pine needles from other pine species and information on how to gather and store materials will also be discussed. Assorted found natural objects may also be incorporated into the basket. No previous basket weaving experience is necessary, just your enthusiasm to learn.

length (days) 2 hours 9am-4pm

tuition \$150 early bird tuition (6+ wks in advance)

\$130 materials \$17



Cattail Weaving: The Northern Fedora



Russian Birch Bark Weaving Tutorial with Vladimir Yarish

new

# Round-Bottomed Black Ash Bushel Basket

with Ian Andrus

9/27/13-9/29/13

A tasket, a tasket... how about a bushel basket? Craft your own bushel basket using black ash splint. The first part of the class will be spent preparing black ash splint for your basket by pounding a locally harvested log. Next, you'll weave the basket and finish it with a rim and two mouse-ear handles, using a free form weaving technique. The finished basket will have a 16" diameter and stand 10" tall, which is just about bushel. Beautiful yet practical, you'll find countless uses for this lovely basket.

length (days) 2.5

hours Day 1 & 2: 9am-5pm, Day 3: 9am-noon

tuition \$185 early bird tuition (6+ wks in advance) \$175

materials \$50

new

# Russian Birch Bark Weaving Tutorial with Vladimir Yarish

with Vladimir Yarish

4/6/13-4/8/13

North House is pleased to welcome for a second visit scholar, artisan, and teacher Vladimir Yarish, of Veliky Novgorod in Novgorod Province in Russia to teach this tutorial course. After scouring museums and archeological sites all around the world, Vladimir has authored a definitive guide focused on the history and myriad traditional uses of birch bark, as well as general instructions for basket-making and plaiting. This tutorial course welcomes basketmakers and weavers of varied levels, as the class begins day one with an exploration of preparing bark for plaited basketry. Students will gain insight into Vladimir's approach to preparing bark and continue to weave a traditional Russian birch bark tray - a straight weave that includes the double-woven construction method. Days two and three are yours to explore other Russian woven projects, choosing from any of 16 birch bark projects, including decorative and useful, traditional and contemporary options.

length (days) varies hours 9am-5pm

tuition \$85/day, minimum 2 days

early bird tuition (6+ weeks in advance) \$80/day,

minimum 2 days

materials varies, (\$46-\$175) age with adult 15+

# Swedish Decorated Birch Bark Canisters

with Jarrod StoneDahl

5/10/13-5/12/13

This type of box or canister has roots deep in Sweden's folk craft history. Simple tools and materials are used to create a thing of beauty, with design possibilities only limited by the imagination. The techniques employed with this style of canister allow large containers good for storing coffee and tea or other dry goods inside. In this class students will learn about the different qualities of birch bark and what kinds work well for canisters. We will learn to lay out and cut simple but ingenious joints to lock the bark together and how to shape and fit the base and lid. The birch bark can be stamped with homemade punches made from deer antler and painted with homemade paints mixed from natural earth pigments and linseed oil.

length (days) 2.5

hours Day 1: 1pm-5pm, Days 2 and 3: 9am-5pm

tuition \$185 early bird tuition (6+ wks in advance) \$175

materials \$30

# Sweet Grass Basketry

with Paula Sundet Wolf

8/10/13-8/11/13

Work with locally harvested sweet grass, cattails, and sedges during this two-day class while learning the art of coiling a sweet grass basket. We'll incorporate an elegant Lake Superior agate as a base for the basket. Hands-on instruction provides students with an introduction to the traditions and skills of basket weaving, and discussion about how to identify sweet grass and gather materials for future projects. No previous basket weaving experience is necessary, just your enthusiasm to learn.

length (days) 2 hours 9am-4pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$17

# The Harvest Basket: Red-Osier Basketry

with Tina Fung Holder

4/27/13-4/28/13

9/28/13-9/29/13

The bright burgundy-red branches of the red-osier dogwood make this native regional shrub a standout in the northern landscape and a prime candidate for basketmakers in the north. With straight, flexible twigs, red-osier is perfect for learning basic basketmaking skills and creating inspiring pieces. In this class students will make a frame basket with a handle (also known as melon style). First they will learn how to spin cordage with iris leaves, braid cattail leaves, and then shape and weave the basket using the cordage and red-osier stems. Beginners are welcome, as with a little enthusiasm and no previous basket-making experience participants leave the workshop with a fine looking basket. Experienced basketmakers will enjoy exploring new horizons working with red-osier.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$30



Sweet Grass Basketry

## Weaving Holiday Ornaments From Birch Bark

with Julie Kean/John Zasada

12/6/13-12/7/13

Start your holiday season off with a weekend on the North House Folk School campus weaving traditional and contemporary ornaments from birch bark. Explore the range of birch bark weaving holiday projects from the traditional Swedish woven heart to a 3-dimensional birch bark star, which are both highlighted in North House's "Celebrating Birch" book. Working with colorful embellishments, learn to weave and string birch bark beads for a traditional garland. You'll have a wonderful collection of gifts and ornaments to share with family and friends at the completion of this course. Students are welcome to take just the first day of this course for 50% of tuition and a reduced materials fee.

length (days) 2 hours 9am-5pm

tuition \$130 single day rate available

early bird tuition (6+ weeks in advance) \$120

materials \$30 \$22 for those enrolling in single day course

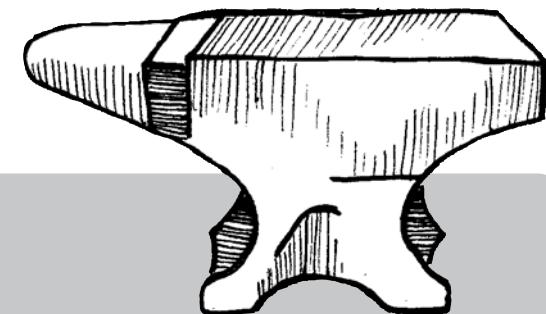


## nuts & bolts early bird discount

The early bird gets the worm (or the early gull gets the herring?). For most coursework, we offer a reduced tuition rate for students who sign up six weeks in advance



Sharpening Tutorial



## blacksmithing & tool making

### blacksmithing

Blacksmithing: Crafting The Tools of the Trade

Blacksmithing: The Basics & Beyond

Forge-Welding a Damascus Blade and Other Items

Hand-Forged "Using" Knife

Hand-Forged Chest Hardware

Tools for the Shop: Service Learning in the Blacksmith Shop

Traditional Blacksmithing Joinery Techniques

Tools for the Spring-Pole Lathe: Craft Your Own

### toolmaking

Basic Flintknapping

Building the Northwest Trade Gun

Crooked Knife: Craft Your Own

Intermediate Flintknapping

Knifemaking: Crafting the Norwegian Tollekniv

Make Your Own Kebeki: The Essential Japanese Woodworking Tool

Sharpening Tutorial

Sharpen-it-Yourself: Knife & Tool Sharpening Basics

Tool-Making for Wood Workers and Others

# Basic Flintknapping

with Robert Keiper

7/27/13

Have you ever wondered how our ancestors produced sharpened tools of stone like axe heads, knife blades, and arrow points? Learn how flintknapping evolved and how to identify appropriate base materials from which you can produce a variety of sharpened stone tools. This class will introduce the basic techniques of pressure flaking and percussion, providing the basis for years of frustration, small cuts to the hand and the exhilaration of crafting a thing of beauty and utility from a rock. Materials fee includes practice stone and tools for class use, a 3/4 "dia. bopper for percussion work,a hand pad for pressure flaking, a small pressure flaker,a coarse abraider,1-biface and several pieces of high quality flint flakes.

length (days) 1 hours 9am-5pm

tuition \$85 early bird tuition (6+ wks in advance) \$75

materials \$85 Includes 7 piece knapping kit

## Blacksmithing: Crafting The Tools of the Trade

with Dave Hanson

4/21/13-4/23/13

8/12/13-8/14/13

Outfit your own blacksmithing tool chest while developing and refining your skills on the forge. In this course, you will create the set of tools needed to become a backyard blacksmith, while simultaneously learning the basics of blacksmithing. Initial tool projects will include tongs and fire-tending tools. Heat treatment, forging, fire types and more will be covered as you cultivate both your skills and your tools. Chisels and punches will also be crafted as time allows. Forge-welding may be discussed. This class is suitable for beginners and those who would like to continue their learning. Materials fee includes the use of coal/gas for forgework and the cost of steel, etc. An optional fourth day is available upon request for \$85 plus a materials fee.

length (days) 3 hours 9am-5pm

tuition \$270 early bird tuition (6+ wks in advance) \$255

materials \$195

## Blacksmithing: The Basics & Beyond

with Dave Hanson

5/17/13-5/19/13

7/18/13-7/20/13

Always wanted to try your hand at the forge? This is the place to start and continue to develop your blacksmithing skills. You will be introduced to the basic skills of the blacksmith including safety, fire control, tools and equipment in both a classroom and 'on the forge' setting. Student projects will be tailored toward individual skill levels. Basic projects such as decorative nail-in-hooks start the class to learn hammer skills. More advanced projects such as basic tool making and decorative/ornamental work will be encountered as class progresses. The first day, the class will use coal forges and the remainder of your time may be on either a coal or gas forge. This course is tailored to meet your needs on the forge while ensuring consistent and quality work. You will leave with a higher skill level, regardless of where you start. Materials fee includes the use of coal/gas for forgework and the cost of steel, etc. An optional 4th day is available for students who would like to continue learning for an additional \$85.

length (days) 3 hours 9am-5pm

tuition \$270 early bird tuition (6+ wks in advance) \$255

materials \$195

## Building the Northwest Trade Gun

with Brent Gurtak

3/18/13-3/27/13

Students will learn the history and craft of the "Northwest Trade Gun", a muzzle loading firearm associated with the 18th- and 19th-century Great Lakes fur trade. Lightweight, rugged, versatile and inexpensive, it fully answered the shooting needs of this region and remains a fine north woods hunting arm. A brief history of the Great Lakes fur trade and the conditions leading to its design will fuel discussion as students undertake this challenging but rewarding project. Hand tools will largely be used in constructing an authentic Northwest Trade Gun, using essentially the same techniques employed by the early makers. This project is appropriate for first-time gunsmiths, but past experience in woodworking will be helpful.

length (days) 10 hours 9am-5pm

tuition \$795 early bird tuition (6+ wks in advance) \$745

materials \$495

age with adult 16+

## Crooked Knife: Craft Your Own

with Jarrod StoneDahl

11/20/13-11/21/13

The crooked knife, formally known as the mokotagan, is a very old type of woodworking tool unique to North America and predominantly around the Great Lakes region. It is a nomad's tool, born out of the need to be versatile yet easy to transport. The knife is used one-handed and pulled toward oneself, which gives the user great control and frees up the other hand to hold the wood being worked. When in use, a properly designed crooked knife is a joy to use. These knives historically have been used for carving paddles and snowshoe frames, and as the primary tool for birch bark canoe building, but can be used in place of a drawknife or block plane. In this two-day class we will use pre-made blades to mount into a handle that is custom fit and shaped by the student. Through this process students will have a truly personal knife. This class will also have a strong focus on how to sharpen and use the knife efficiently.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$35



Hand-Forged "Using" Knife

## Forge-Welding a Damascus Blade and Other Items

with Dave Hanson

5/25/13-5/29/13

8/16/13-8/20/13

Highly prized for centuries, damascuswares are the elite art of the blacksmithing world. Damascuswares are metal goods created using different types of high carbon tool steel and a technique that gives them a distinctive appearance. Like a baker uses kneading and folding to create a loaf of marble rye bread, the blacksmith uses welding, folding and drawing techniques to create steel that is not only incredibly strong and sharp, but also distinctively beautiful with its swirling, intricate patterns. In this class, you will learn how to forge weld and how to forge weld damascusware. You will focus significant effort on a damascusware knife blade. Depending on skill level your blade may or may not be fully completed. Surface finishing, including grinding and polishing, will also be covered. Cutoff pieces of your blade may be used for jewelry and other projects. Your materials fee includes the use of coal/gas for forgework and the costs of steel, etc. An optional sixth day for extra knife work is available upon request for \$85 plus a materials fee.

length (days) 5 hours 9am-5pm

tuition \$445 early bird tuition (6+ wks in advance) \$425

materials \$305

new

## Hand-Forged "Using" Knife

with Robert Schulz

9/6/13-9/8/13

This class is just what the title suggests. We will begin class by hand-forging a blade of good quality, high-carbon steel--starting from round stock, we'll forge material to the desired thickness, set the point, initial edge, and rat-tail tang. Upon finishing the blade, we will do heat treatments of normalizing, hardening, and tempering to get a knife that is able to hold an edge while being "tough" enough to withstand use. Students will either forge guards, or cast bolster and pommel fittings. All finishing and sharpening will be done with files, sandpaper, and stones. We'll work with antler, wood, or bone for handling these hand-made knives, ready to be used. Students are encouraged to bring their own special handle material, though instructor will have plenty to share.

length (days) 3 hours 9am-5pm

tuition \$270 early bird tuition (6+ wks in advance) \$255

materials \$60

new

## Hand-Forged Chest Hardware

with Thomas Latané

11/5/13-11/7/13

Students will forge a pair of ornamental hinges and a pair of handles suitable for a medium-sized storage trunk or tool chest. Optional embellishments will be demonstrated to inspire those with more skill to develop their designs beyond the simple form. Proficient students may also make a hasp for use with a padlock, or decorative reinforcing straps. This class focuses on traditional cold and hot metalworking techniques of the pre-industrial age: hammering the hot metal to shape, then refining with files. Blacksmith experience is not needed and this is an excellent crossover opportunity for the carpenter, cabinetmaker, sculptor or timber framer who wishes to make hardware for his or her tool chest.

length (days) 3 hours 9am-5pm

tuition \$270 early bird tuition (6+ wks in advance) \$255

materials \$65

age with adult 14+

# Intermediate Flintknapping

with Robert Keiper

10/12/13

This course is for students who have basic skills in flintknapping and who want to move on to the next level in this artform. We will begin class with a review of the skills in percussion knapping, pressure flaking and problem solving. We will also review how to thin down a biface by "raising the edge" and then carry this technique to the pressure flaking stage. Students will also be instructed on how to work a slab of stone with a combination of both percussion and pressure flaking techniques using 3 different tools, a medium sized bopper, a large pressure flaker and an "ishi" stick. A brief introduction to new tools for a flintknapping tool kit will be discussed along with art that can be made with a completed arrowhead. "FOG" or "flake over grinding" knapping will also be explained.

length (days) 1 hours 9am-5pm

tuition \$85 early bird tuition (6+ wks in advance) \$80

materials \$77

# Knifemaking:

## Crafting the Norwegian Tollekniv

with Gene Tokheim

8/7/13-8/11/13

Knifemaking explores three common craft traditions – metal work, leather work and wood work. Using Norwegian knifemaking techniques and shared characteristics amongst Norwegian knifemakers, you learn to fit a hand-forged blade to a wooden handle that you shape, and finish by sewing a decorated leather sheath with hand-polished silver and brass embellishments. Dating back to the Iron Age, the craft has been passed down person to person, with specific materials, tools and equipment to make the best quality knives known throughout the world. The blade is made by a Norwegian blacksmith to ensure the best quality available and the "flaming" birch wood for the handle, known for its stunning character and superior strength, is imported directly from Norway. Working with Italian leather, preferred by knifemakers for its rich, smooth texture, you will also have the opportunity to solder, shape and polish the silver and brass work that makes the finished product stylistically represented as a Norwegian knife.

length (days) 5 hours 9am-5pm

tuition \$375 early bird tuition (6+ wks in advance) \$365

materials \$110

age with adult 10+



## Make Your Own Kebeki: Essential Japanese Woodworking Tool

with Fred Livesay

10/12/13-10/13/13

"How did I do without this?" Be the proud maker/ user of an essential woodworking tool. Marking gauges or Japanese kebeki scribe lines parallel to an edge for the layout of dados, rabbets, mortices & tenons. Kebeki have a knife set perpendicular to the beam and slice wood fibers; increasing accuracy and providing a register for chisel edges and saw teeth. This gauge can also be used to cut thin wood stock and leather. Students will leave class with a completed gauge of birch and the plans and skills to make another. We will also cover: wood choices, layout, sharpening, and proper use of the gauge.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$32

# Sharpening Tutorial

with Dennis Chilcote

3/23/13-3/24/13

"Get the Edge" might be another appropriate title for this course. Chisels, planes, gouges, knives, scissors, spoke shaves and more--these tools of the trade function at their best when the cutting edge is truly prepared for business. Ready to slice butter? This comprehensive overview of sharpening will help you understand the types of cutting edges, characteristics of steel, tempering, and the difference between grinding and honing through a series of demonstrations and hands-on applications. Power sharpening and hand sharpening will be explored. You are strongly encouraged to bring up to five hand tools to sharpen as a class project.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$15



## Sharpen-it-Yourself: Knife & Tool Sharpening Basics

with Dennis Chilcote

5/4/13

This mini-course will focus on sharpening knives, and particularly knives used in the kitchen, but the principles discussed and demonstrated will apply to all knives. This class will cover different methods of sharpening blades and how the quality of the metal in the blade affects sharpening and edge-holding characteristics. Students are encouraged to bring a knife (with the blade protected) to class to practice the principles that are discussed.

length (days) 0.5 hours 2pm-5pm

tuition \$50 early bird tuition (6+ wks in advance) \$45

materials \$4



## Toolmaking for Wood Workers and Others

with Paul Linden

9/27/13-9/29/13

An introduction to working with and heat-treating the common high-carbon steels used for edge tools. We will discuss the strengths and weaknesses of different steel types and put this knowledge into practice by creating several tools. We will analyze a number of different tools and compare their performance. Can you really make a nice, working knife from an old file? Blacksmiths and tool-makers know that you can, and we will do it in this class. We will each make a scratch awl and a small carving knife to start, but additional tools like marking knives, scrapers, small chisels, and larger or curved knives are all possibilities.

length (days) 3 hours 9am-5pm

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials varies (\$25-\$40) age with adult 12+



Traditional Blacksmithing Joinery Techniques

# Tools for the Shop: Service Learning in the Blacksmith Shop

with Dave Hanson

4/19/13-4/21/13

The forges have been fired, the anvils have arrived and the hammers are already swinging in the Blacksmith Shop. Next up: tools for the shop. In this service learning course, you'll fashion hammers, chisels, punches and tongs that will be used by students at North House for years to come. Under the guidance of instructor Dave Hanson, you'll make lasting and practical contributions to our newest building. Use your existing skills, or learn a few new tricks of the trade. Your registration fee includes a daily lunch. Participants are welcome to register for a fourth day for an additional \$25.

length (days) 3 hours 9am-5pm

tuition \$75 includes lunch each day

early bird tuition (6+ weeks in advance) \$75

materials included

# Tools for the Spring-Pole Lathe: Craft Your Own

with Jarrod StoneDahl

6/14/13-6/16/13

In order to turn bowls on a spring pole lathe efficiently one needs a well-made hook tool. These turning tools are not manufactured in North America and are therefore difficult to find. Most pole lathe bowl turners have to learn to make the tools themselves or find a blacksmith to help with the production of the tool. In this class students will learn basic tool smithing, while forging a few hook tools. We'll cover everything from tending the forge to hardening and tempering the tools edge through this simple but valuable project. This class is intended for people who have previously turned some bowls on a spring pole lathe and need to make their own tools. A pole lathe will be set up to facilitate discussion on tool design and trials of the new tools.

length (days) 2.5

hours Day 1: 5pm- 8pm; Day 2/3: 9am-5pm

tuition \$185 early bird tuition (6+ wks in advance) \$170

materials varies (\$25-\$50) & coal (\$11-\$22)

# Traditional Blacksmithing Joinery Techniques

with Robert Schulz

6/24/13-6/26/13

This class will focus on building a hand-forged project using the forging skills of traditional joinery- i.e. mortise and tenon, forge welding, collars, and rivets. Other core blacksmithing techniques covered will include punching holes, tapering and upsetting, forging square corners, and decorative scrolls and twists. Apply these elements to build a sign or shelf bracket, trivet, fireplace tools, or candle holder. Bring a design of your own or the instructor will have a class project prepared. The skills learned in this class are the essentials of blacksmithing, and this class is designed as a foundation class appropriate for beginners and intermediate smiths as we will adapt projects to suit your skill level.

length (days) 3 hours 9am-5pm

tuition \$270 early bird tuition (6+ wks in advance) \$255

materials \$60 plus coal (\$11-\$22)



Hand Crafting a Northwoods Paddle

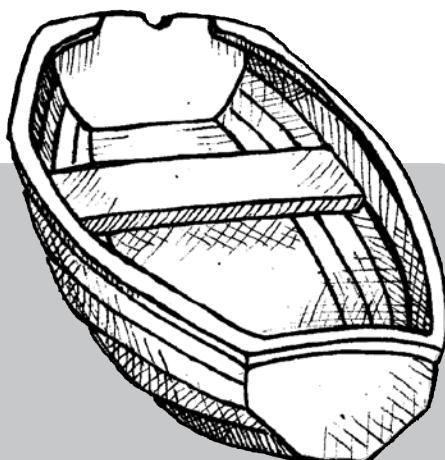
new

## Birch Bark Canoe Building Intensive

with Erik Simula  
7/13/13-7/14/13

Curious about the process of bark canoe building, but lack the time needed (months!) to fully immerse in the process? This short course covers a complete overview of the harvest and construction processes, giving you insight into this ancient and incredible northern craft. Students will practice with all the tools and materials necessary to construct a birch bark canoe and explore the fascinating process of traditional construction. Weather permitting, students may paddle a birch bark canoe on Lake Superior.

length (days) 2 hours 9am-5pm  
tuition \$170 early bird tuition (6+ wks in advance) \$160  
materials included  
age with adult 10+



# boatbuilding build your own

## Building The Classic Wooden Rowboat: Build Your Own Susan Skiff

## Cedar-Strip Boatbuilding: Build Your Own Canoe or Kayak

## Coracle Boat: Build Your Own

## Greenlandic Inuit Kayak: Build Your Own

## Hand Crafting A Northwoods Paddle

## Inuit Kayak Paddle: Make Your Own

## Oar Construction: Make Your Own Set

## Wood-Canvas Canoe: Build Your Own

## learn the techniques

## Birch Bark Canoe Building Intensive

## Birch Bark Canoes: From Harvest to Construction

## Cedar-Strip Boat Construction: Techniques & Fundamentals

## Fundamentals of Traditional Wooden Boat Building

## Birch Bark Canoes: From Harvest to Construction

with Erik Simula  
6/17/13-6/21/13

Explore the history, construction and use of the Native American birch bark canoe in this hands-on course. Paddled for centuries on the lakes and rivers of the interior, all the necessary materials can be sustainably harvested from a healthy boreal forest: birch bark, cedar, spruce root and spruce gum. During the course you will work on several birch bark canoes in different stages of construction. Coursework includes harvesting and processing materials, canoe design characteristics, hand tool usage, traditional construction techniques, and historical use. This is a rare learning opportunity for anyone interested in the construction and history of the birch bark canoe.

length (days) 5 hours 9am-5pm  
tuition \$450 early bird tuition (6+ wks in advance) \$425  
materials included

## Building The Classic Wooden Rowboat: Build Your Own Susan Skiff

with John Beltman  
10/7/13-10/22/13

This is an ideal boatbuilding course for someone who has always dreamed of building a classic wooden boat and spending the time to fully enjoy the traditions, smells and trades of the wooden boat building shop. In just over two weeks you will mill the lumber, lay the planking and finish a flat-bottomed, square-stern 11-foot rowboat. Working with the talents of a professional boatbuilder, you will build your own Susan Skiff, a classic wooden boat with a carvel-planked bottom and lapstrake sides. Set for rowing or attaching a small outboard motor to enjoy a fishing outing, this classic wooden boat will provide a lifetime of memories and skills for the builder. Students are strongly encouraged to bring a partner to help...this can be a great family project. In this tutorial course, you will have an apprenticeship experience working side by side with trained professional boat builder John Beltman.

length (days) 16 hours 9am-5pm  
tuition \$2700  
early bird tuition (6+ wks in advance) \$2600  
materials \$925



Coracle Boat: Build Your Own

888-387-9762

# Cedar-Strip Boat Construction: Techniques & Fundamentals

with Ken Koscik

4/27/13-5/2/13

With more than just aesthetic appeal, cedar-strip boats are known for being lightweight, strong and quick to build. You will gain the know-how to complete a boat project in your own backyard through six days of hands-on instruction building a tandem canoe with other students. Techniques involve planking, fiberglassing and fitting out the canoe, as well as other boatbuilding skills. Just like the title says, a solid foundation of the 'techniques and fundamentals' gives you the skills to complete your desired cedar-strip boat building project.

Students are also invited for informal evening slideshows that introduce the techniques of birch bark canoe construction and steam bending. Separate tuition payment and cancellation policies apply to this course. At the close of the course, the student-built canoe project will be for sale at a defined price to interested students. If multiple students are interested, a raffle will decide who will go home with the tandem canoe. An easy project to cartop back to your waterway and start your paddling adventure!

length (days) 6 hours 9am-5pm

tuition \$480 early bird tuition (6+ wks in advance) \$450

materials included

age with adult 14+

## Cedar-Strip Boatbuilding: Build Your Own Canoe or Kayak

with Ken Koscik

6/24/13-7/4/13

Enjoy the contrast of light and dark wooden strips, the quiet lapping of water on wood and the pride of craftsmanship that stems from building your own cedar-strip boat. From start to finish, you cut thin cedar planks and learn to assemble an appealing pattern for your canoe or kayak. Students may choose from three cedar-strip boat projects: an 18 1/2' tandem cruiser canoe, a 16' tripping canoe or a 17' kayak. Students must bring a partner, family member or friend (or two!) to help...this can be a great project that will result in a lifetime of memories. Due to the nature of this course and intensity of instruction, this class is limited to two boat projects per session.

length (days) 11 hours 9am-5pm

tuition \$1865 \$3,500 per boat

early bird tuition (6+ weeks in advance) \$1865

materials \$1635 age with adult 14+

## Coracle Boat: Build Your Own

with Lindsay Lee

8/12/13-8/14/13

A coracle is an ancient boat of Irish and Welsh origin which was used in the rivers there to net salmon. Originally covered with a single cow hide, these "modern" (built in the last 300 years) coracles will have a canvas cover stretched over a woven willow frame. These are simple, super lightweight (under 30 lbs) boats that can be built in short order so you can get on the water. Here in the shop, there's a saying that goes 'let's not get fancy, let's get fishin.' A coracle is NOT a white water craft, nor is it for big water. It is too small to license, and too round to paddle (a scull stroke is used). However, it fits inside many cars, can be carried some distance and can get you far enough from shore to make some nice, discrete casts.

length (days) 3 hours 9am-5pm

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials \$175



Greenlandic Inuit Kayak: Build Your Own

## Fundamentals of Traditional Wooden Boat Building

with John Beltman

10/11/13-10/16/13

Explore the grace and craft of wooden boatbuilding and unlock the secrets of hand-crafting your own wooden watercraft in this six-day hands-on course. Combine classroom sessions with shop time to become familiar with the entire wooden boat-building process, from transferring boat plans into real size through lofting to steam-bending and proper caulking techniques. By the end of this course you'll feel more comfortable pursuing your own project knowing you learned from an experienced boatbuilder. The class project for the course is the cherished Susan Skiff, a classic wooden rowboat with a carvel-planked bottom and lapstrake sides.

length (days) 6 hours 9am-5pm

tuition \$510 early bird tuition (6+ wks in advance) \$480

materials included

## Greenlandic Inuit Kayak: Build Your Own

with Mark Hansen

3/18/13-3/29/13

This course is for individuals with a strong interest in creating a seaworthy craft with their own hands. The Inuit kayak from Greenland is a fast and responsive craft for hunting, and you design your own craft to fit your body size. You'll lay out mortise and tenon joints, steam bend ribs and cockpit coaming, lash nylon cord Inuit-style and sew the nylon frame covering. Kayaks will be constructed of Sitka spruce, white cedar, white oak, white ash and covered with 14 oz. urethane-coated nylon for a bomb-proof skin. The course starts with an on-water paddling session as a way to test various sizes and shapes of kayaks and assist in the students' choices of their own kayak design. Kayak length may vary from 14' to 18' depending on your preference. Students are encouraged to bring a partner to assist them as this course can be a great family project.

length (days) 12 hours 9am-5pm

tuition \$1250 per kayak

early bird tuition (6+ weeks in advance) \$1200

materials varies (\$550+)

## Hand Crafting A Northwoods Paddle

with Mike Schelmeske

8/10/13-8/11/13

Create the traditional paddle used by Northwoods travelers for hundreds of years. In this course, a North House classic, you learn about wood selection and wood grain considerations as well as paddle sizing and the theory of shape as applied to handles, shafts and blades. You may choose from a variety of different classic paddle designs and you leave the course with a custom-designed paddle constructed with simple hand tools, including a traditional spokeshave and blockplane. Many students have shared this experience with a child or grandchild, creating two paddles and memories that will last a lifetime: children 12+ welcome with an adult, a 25% tuition discount for the child applies.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$40

age with adult 12+

## Inuit Kayak Paddle: Make Your Own

with Mark Hansen

3/30/13

This course leads participants through the design and construction of a traditional Inuit kayak paddle. These paddles feature narrow blades that are well-balanced, lightweight and efficient. You learn about wood selection, wood grain considerations, paddle sizing and the theory of shape as applied to shafts and blades. Participants may experiment with paddles on the water to ensure proper sizing and shape. You leave the course with a paddle constructed with simple hand tools that is tailored to your body size and made to suit the shape and characteristics of your kayak.

length (days) 1 hours 9am-5pm

tuition \$95 early bird tuition (6+ wks in advance) \$90

materials varies (approx. \$55)

age with adult 12+

## Oar Construction: Make Your Own Set

with John Beltman

4/6/13-4/7/13

Give your boat a taste of traditional nautical life by handcrafting a classic set of wooden oars. This two-day workshop provides a thorough, hands-on introduction to the craft of oar making. You'll use traditional hand tools including a spokeshave, drawknife and block plane to shape a custom set of oars from basswood and learn about finishing the oars using traditional leatherwork for handles. Create a set of oars from a variety of patterns and styles, or you can design your own to fit your boat. There's nothing like an early morning or sunset row - get equipped and out on the water. Under the instructor's supervision, participants may experiment with a variety of handcrafted wooden oars and wooden boats on campus to determine their preferred sizes.

length (days) 2 hours 9am-5pm

tuition \$180 early bird tuition (6+ wks in advance) \$170

materials varies, approx. \$110

## Wood-Canvas Canoe: Build Your Own

with Jeanne Bourquin

5/18/13-5/31/13

8/17/13-8/30/13

Poetry on the water – wood-canvas canoes are the classic boats of the Northwoods. In this course you are immersed in the complete process of building your own canoe from steam-bending her ribs to stretching and filling her canvas. Participants generally build the 17'6" Atkinson Traveler, but the 16'6" Oteer or Lutre models are possibilities as well. Canoes are built, canvassed and filled during the class and then taken home, painted and varnished – and will provide many years of pleasure on the water. Many hands make work light, and students should plan to bring a partner (or two!) to help...this can be a great family project that will result in a lifetime of memories.

length (days) 14 hours 9am-5pm

tuition \$2750 for 2-3 builders per canoe

materials \$2200

total: \$4,950 per canoe (tuition & materials)

age with adult 14+



Wood-Canvas Canoe: Build Your Own

more details, more photos: [www.northhouse.org](http://www.northhouse.org)



Beginning Millinery & Haberdashery: Blocked Felt Hat

## Aniishiinaabe-Style Bead Embroidery & Moccasin Sewing

with Marcie McIntire

3/14/13-3/17/13

Discover the designs, color, styles and technique of traditional bead embroidery as you work with Ojibwe cultural specialist and Grand Portage band member Marcie McIntire, sewing and decorating a pair of moccasins in this course. You will design a pair of moccasins to make, choosing from either a baby or child's moccasin pattern or an adult-sized pair. Using quality tanned deerhide, Marcie will teach the steps required for assembly and help you design a pattern to finish your pair of moccasins with bead embroidery. Your materials fee includes the fabric, interfacing, beads, needles and thread. As time allows, additional beadwork projects will be included.

length (days) 4 hours 9am-5 pm

tuition \$340 early bird tuition (6+ wks in advance) \$300

materials varies- \$75 for adult size; \$65 for child

age with adult 9+



## clothing

### apparel

Beginning Millinery & Haberdashery:  
The Blocked Felt Hat

Nålbinding Mittens

Nålbinding Mittens, Socks, Caps:  
The Scandinavian Textile Craft

Sew Your Own: Scandinavian Work Shirt

### footwear

Aniishiinaabe-Style Bead Embroidery  
& Moccasin Sewing

Expedition Footwear: Making Hide  
& Canvas Mukluks

Moccasin-Making & Bead Embroidery in  
the Aniishiinaabe-Style

Shoemaking: 10th Century Scandinavian  
Turn Shoe

Shoemaking: 9th Century German Turn  
Shoe

Shoemaking: Internal Stitchdown  
Workboots

888-387-9762

# Beginning Millinery & Haberdashery: The Blocked Felt Hat

with Emily Moe  
7/27/13-7/28/13

Minnesota's history is interwoven with the history of hat-making. Europe's hunger for beaver felt top hats drove the voyageurs into the heart of fur country. Most of the fur traded at Grand Portage eventually became felt hats. There is no softer, warmer or more pliant fiber as fur-felt. We will use millinery fur-felt hat blanks to create hats using the same methods used by milliners since the 1300s (minus the infamous mercury), but our creations will reflect the character and personality of each student-- perhaps a 19th century top-hat, a 20's cloche, Belle Époque feather salad, a 40's fedora (good hats aren't just for women) or something made with a distinctly 2014 vision. The student will use mysterious and magical sounding materials -- melousine, ferrule, puzzle blocks and petersham -- to make a couture quality felt hat entirely by hand. Some sewing experience is helpful but not necessary.

length (days) 2 hours 9am-5pm  
tuition \$150 early bird tuition (6+ wks in advance) \$140  
materials \$65  
age with adult 13+

## Expedition Footwear: Making Hide & Canvas Mukluks

with Jo Wood  
11/1/13-11/3/13

Remember the last time your feet were too cold to enjoy wonderful wintry weather? Do away with rigid unbreatheable footwear and discover the traditional footwear of the north: mukluks. The flexibility of the natural materials used in construction allows the foot to generate heat, and a breathable layering system allows moisture to escape. In this course you'll be guided through the process of pattern making, and handcraft your own pair of hide mukluks with knee high or shorter uppers. Booties or liners must be purchased or made before the workshop. Some sewing experience is helpful but not necessary.

length (days) 2.5  
hours Day 1: 1pm-5pm; Day 2/3: 9am-5pm  
tuition \$200 early bird tuition (6+ wks in advance) \$190  
materials \$80



Nålbinding Mittens

## Moccasin-Making & Bead Embroidery in the Aniishiinaabe-Style

with Marcie McIntire

9/6/13-9/8/13

Discover the designs, color, styles and technique of traditional bead embroidery as you work with Ojibwe cultural specialist and Grand Portage band member Marcie McIntire, sewing and decorating a pair of moccasins in this course co-sponsored by the Grand Portage National Monument. The course begins with an overview of the Grand Portage National Monument's historic collection of footwear and bead embroidery. You then design a pair of moccasins to make, choosing from either a baby or child's moccasin pattern or an adult-sized pair. Using quality tanned deer hide, Marcie will teach the steps required for assembly and help you design a pattern to finish your pair of moccasins with bead embroidery. Your materials fee includes the fabric, interfacing, beads, needles and thread. The class will take place in the cultural heritage classroom at the Grand Portage National Monument Visitor Center in Grand Portage, MN (35 miles northeast of Grand Marais). Please note, most students who chose to make adult-size moccasins will finish one moccasin in 3 days, but leave with the materials and knowledge to complete the project at home. For those interested in staying for an optional 4th day to fully immerse in the project, this is available for an additional \$50. Please notify North House at the time of registration.

length (days) 3 hours 9am-4:30pm  
tuition \$225 optional 4th day \$50  
early bird tuition (6+ weeks in advance) \$195  
materials varies - \$75 for adult size, \$65 for child size  
age with adult 9+

## Nålbinding Mittens

with Larry Schmitt

4/22/13-4/24/13

Nålbinding, similar to but far older than knitting or crochet, is a way to make a looped-structure fabric with a single needle. Nålbound mittens are valued for warmth and practicality and in this workshop you'll learn nålbinding, as well as the basics of shaping a Scandinavian-style "work" mitten. A variety of finishing techniques will be demonstrated, and time will be devoted to the folklore surrounding nålbinding. Lesson materials, needle, and an appropriate amount of yarn for the first samples are provided. You will also have the opportunity to make your own needles.

length (days) 3 hours 9am-5pm  
tuition \$225 early bird tuition (6+ wks in advance) \$195  
materials \$20



Shoemaking: 10th Century Scandinavian Turn Shoe

888-387-9762

## Nålbinding Mittens, Socks, Caps: The Scandinavian Textile Craft

with Larry Schmitt

10/22/13-10/26/13

Discover the textile craft tradition known as nålbinding and explore its Scandinavian roots. As a course project, students choose to create their own pair of mittens, socks, or a syltemjölkskopp – a "milk strainer" cap. Or draw from tradition to inspire a project of your own design in consultation with the instructor. Nålbinding is a way to make looped structure fabric with a single needle and, when worked in wool, it is valued for warmth, durability, and practicality. The course covers the basics of nålbinding and explores those related crafts that are often incorporated in Scandinavian-style nålbound items. You will make your own nålbinding needles. Time will be devoted to the history and folklore of nålbinding as well as nålbinding's influence on Scandinavian craft traditions. Scandinavian-style nålbinding reflects both place of origin and local culture. Students at North House will create nålbound items inspired by Scandinavia and infused with the spirit of Grand Marais!

length (days) 5 hours 9am-5pm  
tuition \$375 early bird tuition (6+ wks in advance) \$350  
materials \$30

## Sew Your Own: Scandinavian Work Shirt

with Carol Colburn

9/20/13-9/21/13

It works! Sew your own Scandinavian work shirt, designed for comfort and for your favorite outdoor activities. Traditional shirts in the Scandinavian countries are great for layering and designed for outdoor life. Natural fiber striped fabrics of cotton, linen, and wool in many colors and textures can be used to make distinctive shirts. When made of traditional blue or red striped cotton, Scandinavians enjoy wearing these comfortable shirts to reflect their heritage. Sewing patterns and instructions are based on historical examples. Patterns are based on squares and rectangles. As you create your shirt, you will be guided step by step, adjusting your pattern, cutting, machine and hand sewing, and adding the finishing touches. Scandinavian work shirts are ideal for men, women and children who enjoy all kinds of outdoor life.

length (days) 2 hours 9am-5pm  
tuition \$160 early bird tuition (6+ wks in advance) \$150  
materials varies (\$25-\$90)

## Shoemaking: 10th Century Scandinavian Turn Shoe

with Jason Horatter

6/27/13-6/30/13

7/11/13-7/14/13

Crafting functional, durable and attractive footwear with your own hands is a deeply satisfying (and sole-full!) task. We will begin by making a casting of your foot (shoes will truly be custom built) then move on to patterning and leather selection, cutting and skiving, butt stitching and assembly. Once the upper and sole are attached we move on to turning and hammering, closure and finishing and finally gooping the soles. A wide assortment of leather working techniques and tools will be covered, and after learning a few simple methods and skills, you'll be ready to let your imagination run wild on your next pair of shoes. This pair of shoes could easily last you for the rest of your life if well taken care of!

length (days) 4 hours 9am-5pm  
tuition \$395 early bird tuition (6+ wks in advance) \$380  
materials \$100

more details, more photos: [www.northhouse.org](http://www.northhouse.org)

## Shoemaking: 9th Century German Turn Shoe

with Jason Horatter  
6/19/13-6/21/13

Learn the basics of shoemaking and craft a comfy, stylish pair of slip-on shoes. A choice of styles and embellishments allows for personalization of your new pair of shoes. You'll begin by making a casting of your foot, move on to patterning and leather selection, cutting and skiving, pierce-work and assembly. Turning and hammering, closure and finishing round out the project.

The course covers a wide assortment of leather working techniques and tools but at the heart of the craft are a few simple methods of attaching upper to sole. Once you understand how to attach upper to sole on this pair you are free to let imagination run wild on your next!

length (days) 3 hours 9am-5pm  
tuition \$300 early bird tuition (6+ wks in advance) \$285  
materials \$85

## Shoemaking: Internal Stitchdown Workboots

with Jason Horatter  
7/4/13-7/7/13

It's hard to imagine a more functional and necessary piece of footwear than a solid workboot—and one that is custom-fit to your foot? What more could you ask for really? We will begin by making a casting of your foot and then move on to patterning and leather selection, cutting and skiving, seaming and assembly. We'll use industrial sewing machines--some sewing experience would be helpful but is not necessary. Once the upper and sole are attached we move onto closure and finishing and finally attaching and trimming the vibram outsole. Suitable for adventures of all sorts, these boots are full of possibility (rumor has it, you can even wear them skiing!).

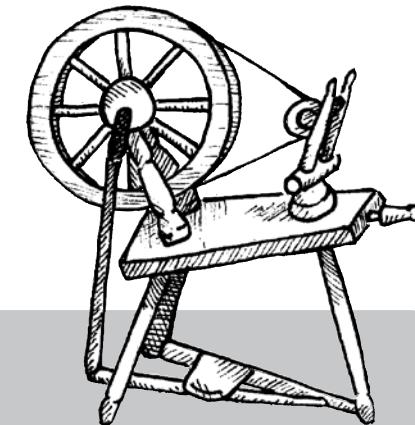
length (days) 4 hours 9am-5pm  
tuition \$400 early bird tuition (6+ wks in advance) \$380  
materials \$150



Sew Your Own: Scandinavian Work Shirt



Old-Fashioned Rug Hooking



## fiber arts

Bead Embroidery  
Handcraft A Wool Braided Rug  
Old-Fashioned Rug Hooking  
Sew-it-Yourself: Hand Sewing Skills  
Wool: The Full Experience

### dyeing

Colorworks: Eco Printing & Flower Pounding  
Natural Dyes in the Steambox  
Natural Plant Dyes

### felting

Fix-it-Yourself: Mending with Wool  
Foot Felting: Slippers or Winter Boot Liners  
No-Knit Felted Hats  
Nuno Felting: Scarves & Wraps  
Wooly Birds: Intro To Felting  
Wooly Critters: Intro to Felting

### spinning

Spinning Fibers On A Wheel  
Fiber Exploration for Spinners

### weaving

Tapestry Weaving: Painting with Fiber  
Weaving Double Cloth  
Fabric Strip Table Runner: Learn to Weave on a Frame Loom  
Woven, Decorative Bands: Weaving on the Modified Rigid Heddle

# Bead Embroidery

with Jo Wood

8/3/13-8/4/13

The use of beads has spanned cultures across the globe for more than 6,000 years. Learn how this traditional needle art can be used in an innovative way. Jo's goal is to demystify the basic materials and techniques of bead embroidery and introduce you to "painting" with beads. While working with bead colors and textures, you will also learn about composition, transferring patterns, and how to add depth & dimension to your beadwork. Bring your favorite landscape image to class. You will make your own unique bead art on felted wool (material provided). Your piece can be finished as a pin or framed. Come join us for a fun and relaxed creative experience and learn a new skill for your future projects.

length (days) 2 hours 9am-5pm  
tuition \$170 early bird tuition (6+ wks in advance)  
\$160 materials \$25

new

## Colorworks: Eco Printing & Flower Pounding

with Karen Rognsvoog

7/5/13-7/7/13

Everything from the world of plants has some kind of color. Boiling, steaming, fermenting and pounding are just some of the ways to extract those colors. In this class, students will learn techniques for extracting colors from leaves, flowers and roots by bundling and steaming over simmering water (eco-printing), beating color into cloth by pounding out the colors from flowers and leaves with hammers on boards (flower pounding), and using the sun to ferment plant materials to make a dye. Students will work with silk, cotton and linen fabric, and 100% cotton garments such as T-shirts and simple cotton tops. Previous to the steaming and pounding process, the fabric and garments will be treated with a mordant to keep the colors from fading, and natural plant dyes will be used to dye the fabric first. While the steamers are working, students will learn how to extract colors from plants by pounding plant materials onto their pieces. Bring earplugs and hope for sunshine!

length (days) 3 hours 9am-5pm  
tuition \$255 early bird tuition (6+ wks in advance) \$225  
materials \$35

## Fabric Strip Table Runner: Learn to Weave on a Frame Loom

with Trandi Bestler

7/15/13-7/17/13

Many people have saved and reused cotton fabric to weave into "rag rugs." In this class, we will use cotton fabric to weave a table runner inspired by the rag rugs woven by women of the North Shore while learning to weave on a rigid heddle frame loom. This is a great way for quilters and those who sew to use up odds and ends of their fabric stash. We will design, set up, weave and finish a piece about 14"X30." Students should bring fabrics in colors they like. The instructor will have some fabrics available for a small fee.

length (days) 3 hours 9am-5pm  
tuition \$225 early bird tuition (6+ wks in advance) \$195  
materials varies (\$5-\$15)  
age with adult 16+

# Fiber Exploration for Spinners

with Allen Holzhueter

6/21/13

Now that you know how to spin, are you ready to explore the fiber from various specific sheep breeds? But we won't stop there. Spinners around the world have experimented with many different fiber sources. We will sample alpaca, llama, mohair, silk, dog, and flax, along with some modern fibers including soy silk, corn silk and bamboo. And for the adventurous, try your hand at spinning cotton on a charka, the Indian spindle wheel. Bring your own wheel if possible. There will be three wheels available for students to borrow.

length (days) 1 hours 9am-5pm  
tuition \$75 early bird tuition (6+ wks in advance) \$65  
materials \$20

new

## Fix-it-Yourself: Mending with Wool

with Elise Kyllo

5/4/13

Favorite sweater have a big hole? Wool socks wearing through? Don't despair and don't throw out your old woolies! Using dry and wet felting techniques you will see how easy it is to mend your socks, mittens, gloves and sweaters with a little wool and a needle felting tool. We'll learn to make quick repairs and how to add designs and colors with wool. In addition, we'll make dish and bath scrubbies that will replace those ugly-smelly plastic scrubbies. Wool: it's better than duct-tape. Bring your wool things in need of repair!

length (days) 0.5 hours 9am-noon  
tuition \$50 early bird tuition (6+ wks in advance) \$45  
materials \$15

new

## Foot Felting: Slippers or Winter Boot Liners

with Elise Kyllo

11/21/13-11/22/13

Warm up winter by making your own woolen slippers or boot liners. Using the ancient no knitting-wet felting technique, you will make a cozy, warm pair of slippers or boot liners. The craft hasn't changed in centuries except we now can choose plastic instead of animal skins and soap instead of ash or urine. Its a simple, almost magical technique that transforms fluffy wool into a durable thick material that is sculpted to the owner's foot through patient, energetic agitation. We will discuss options for adding soles. Supposedly, the 100% wool liners are warmer than the poly fiber mix that is so prevalent, but you'll have to be the judge of that yourself.

length (days) 2 hours 9am-5pm  
tuition \$150 early bird tuition (6+ wks in advance) \$130  
materials varies, \$35 for slippers, \$45 for boot liners



Natural Dyes in the Steambox



Handcraft A Wool Braided Rug

## Handcraft A Wool Braided Rug

with Traudi Bestler

6/14/13-6/16/13

The three-strand-braided wool rug is reminiscent of an era when rag rugs were considered an affordable way to reuse worn clothing and blankets to create a rug for the home. Early American immigrants and rural pioneers handcrafted the rag rug and created a fiber tradition that has been passed down from generation to generation. In this class, you will learn the craft of braiding rugs by making your own oval rug (about 2'x3'). You are welcome to bring old blanket-weight wool to incorporate into your own rug. However, the instructor will bring enough colors of wool, braiding tools, and other supplies for 'heirloom' rugs.

length (days) 3 hours 9am-5pm  
tuition \$225 early bird tuition (6+ wks in advance) \$195  
materials varies (\$50-\$60)  
age with adult 14+

## Natural Dyes in the Steambox

with Karen Smaby and Cheryl Larsen

6/28/13

8/8/13

Dyeing cloth using natural materials is a pretty magical process: add a bit of steam, hot water and assorted grasses, flowers, old nails, and wait for a bit...the results are extraordinary. Who knew all the colors of the rainbow were hidden in plain sight? In this course, you'll learn a bit about the history, chemistry and new innovations in natural dyeing processes and using a variety of materials that will vary seasonally. You never quite know what you'll pull out of the steambox, and working with other students allows for a wide variety of experiments and collaborations to occur. The materials fee will include two silk scarves students will complete during the course, with the option of purchasing additional scarves from the instructors.

length (days) 1 hours 9am-4pm  
tuition \$75 early bird tuition (6+ wks in advance) \$70  
materials \$34

# Natural Plant Dyes

with Karen Rognsvoig

7/26/13-7/28/13

9/27/13-9/29/13

Enjoy the "thrill of discovery" in the many colors which can be achieved, and the variation of color that can be found in nature's palette, by learning the complete subtleties of dyeing with natural materials. Dyeing with natural plants is more than a craft, it's a fascinating and inexpensive hobby. Students will learn how to gather their own plant materials (the class ventures into the field to gather dye materials) and learn how to prepare dye baths to extract the color. We will cover the process of using different mordants - the mordant sets the color to prevent fading and determines the color of the final product. We will dye wool, silk, and cotton fibers too. Along the way, you will learn how to grow dye plants, and get tips on pruning, harvesting and storing plant materials to get the color you want. Students will leave the class with recipes, handbooks, 8 oz of wool yarn and two silk scarves dyed "shibori" style with colors from nature.

length (days) 3 hours 9am-5pm

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials \$55

new

## No-Knit Felted Hats

with Elise Kyllo

10/19/13-10/20/13

What kind of hat do you want? You can probably make it with wool, without knitting, just felting. Felting is an ancient technique of making material, predating spinning and weaving. From slippers found in East Asia 2,700 years ago to yurts in Mongolia to hats and mittens in Scandinavia. Simply combining wool fibers with water and soap and adding patient agitation, (this is not a washing machine project!) you will shrink and sculpt your wool into a desired form to fit your head. You decide whether it is a camo hunters cap, a beret, a touque, a rolled brimmed hat or a hat for winter...

length (days) 1.5

hours Day 1: 9am-5pm Day 2: 9am-noon

tuition \$135 early bird tuition (6+ wks in advance) \$125

materials \$30

age with adult 12+



Bead Embroidery

more details, more photos: [www.northhouse.org](http://www.northhouse.org)

## Nuno Felting: Scarves & Wraps

with Elise Kyllo

7/20/13-7/21/13

Scarves: many of us don't leave home without them. They are imperative in the winter but they can also simply be fashionable. In this class you will learn the modern wet felting technique called Nuno which creates a durable, elegant and warm material by combing wool with silk or other light weight fabric. They will be of your own design, but definitely unique, beautiful and warm. Nuno felting is especially exciting because it is a bit like painting with wool on a silk canvas with an unpredictable and exciting outcome. Students are invited to bring silk, organza, nylon or chiffon scarves to be transformed by adding wool fibers. Silk scarves will be available for purchase if needed. Come with a sense of adventure and patience!

length (days) 1.5

hours Day 1: 9am-5pm Day 2: 9am-noon

tuition \$135 early bird tuition (6+ wks in advance) \$125

materials \$25

age with adult 12+

## Old-Fashioned Rug Hooking

with Carol Dunn

6/18/13-6/20/13

If you have longed for a therapeutic yet utilitarian craft, then rug hooking is for you! Rug hooking traces its roots to the northern colonies and Canada, when immigrants utilized textiles on hand to create rugs for their homes. Hooked rugs are made by drawing narrow strips of wool fabric through a background fabric of cotton, linen or burlap with a curved hook much like a crochet hook. In this class, each student will color, plan, and hook a small design that can be used as a rug, wall hanging, table mat or pillow top. Proper techniques of hooking and finishing will be taught. There will also be discussions on acquiring wool and the steps to process it for use in hooking (i.e. washing, dyeing, cutting). On the first day of class, students will select the rug pattern and wool they will work on during the course; prices vary by design.

length (days) 3 hours 9am-5pm

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials varies (approx \$45+)

age with adult 12+

## Sew-it-Yourself: Hand Sewing Skills

with Carol Colburn

5/4/13

Feel a pang of remorse for the lost knowledge of hand sewing every time a button falls off, a pocket tears open, or a hem comes loose? Reclaim your hand sewing skills (or gain the ones you wish you had) in this workshop with expert seamstress Carol Colburn. You'll learn several basic hand stitches and strategies for successfully repairing, darning, patching and reinforcing everything from clothing to camping equipment. Take home a sampler to remind you of your new knowledge and a sense of pride in your new DIY skill.

length (days) 0.5 hours 2pm-5pm

tuition \$50 early bird tuition (6+ wks in advance) \$45

materials \$5

## Spinning Fibers On A Wheel

with Allen Holzhueter

6/19/13-6/20/13

The classic Saxony-style spinning wheel was invented over 500 years ago, and is still a symbol of the "olden days." Although the spinning wheel is no longer a household necessity for the production of the family's clothing, many crafters, knitters and fiber artists find great satisfaction in spinning their own yarns for knitting or weaving. In this two-day introductory spinning class, you will be introduced to fibers suitable for spinning, fiber preparation and spinning prepared fiber on a spinning wheel. Participants are encouraged to bring their own working spinning wheel (both "Saxony" and "upright castle wheel" are acceptable.) The instructor will have wheels available for students to share and develop their skills.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$10

age with adult 12+

## Tapestry Weaving: Painting with Fiber

with Traudi Bestler

7/19/13-7/21/13

Woven tapestries are said to bring the northern landscape alive through geometric, curved, representational or abstract images. Using the North Shore landscape as inspiration, (a place of artistic expression for visual artists), you'll explore this colorful craft and create a landscape tapestry of your own. In this 3-day class, you will assemble and warp a frame, then weave a small tapestry of your design. Proper mounting and hanging techniques will also be covered. Each student leaves with their tapestry frame, encouraged to continue the craft of woven tapestries in their own setting.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195

materials \$30



Fabric Strip Table Runner:

Learn to Weave on a Frame Loom

888-387-9762



Wooly Birds: Intro To Felting

## Weaving Double Cloth

with Marie Westerman

7/11/13-7/13/13

Doubleweave is a type of weaving technique in which the weaver simultaneously weaves two layers of cloth. The individual threads of each layer can be made to change places, top to bottom, bottom to top, and in that way, reversible patterns can be woven into the cloth, dark on light, reversing to light on dark. Sometimes known by the Swedish term, Finnweave, the traditional form is done using a tool called a pick-up stick, and a loom with at least four shafts. In this workshop, students will thread and weave a small project using the traditional Scandinavian technique and designs. In addition, the instructor's own technique for contemporary pick-up double weave will also be presented. Each student will create their own unique weaving, with individualized instruction.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195

materials \$25

**new**

## Wool: The Full Experience

with Elise Kyllo/Karen Rognsvoog/Mary Reichert

5/31/13-6/2/13

Wool is an incredibly versatile, durable and beautiful fiber that is surprisingly easy to make into fabric. Start at the very beginning of the process in this team-taught class, as you shear sheep, wash, card and dye the wool and finally make individual felted projects using the wet-felting technique. Wet felting wool is an ancient craft that pre-dates weaving and knitting and has recently seen a resurgence of popularity, as it is relatively easy and requires no knitting. The course will be led by four fiber experts (a flock of fiber folk?), including Mary Reichert, a felter recently returned from Kyrgyzstan where she studied felted rug making, Karen Rognsvoog-dyer extraordinaire who specializes in natural dyes, Elise Kyllo, a felter who is not afraid to get her hands dirty and loves to use fibers that are full of the "field," and local farmer Jinsey Smith who will lead the shearing demonstration. This is a unique opportunity to fully immerse in wool craft.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195

materials \$80

age with adult 12+

## Wooly Birds: Intro To Felting

with Elise Kyllo

7/19/13

Any place where there are sheep and chilly temperatures, people have taken advantage of woolen fibers to create objects for warmth and protection. In this class we will use the ancient practice of felting wool to sculpt a purely aesthetic and charming flock of birds. Using recycled wool, students will make a rough bird form, then apply dyed wool roving over the form and through the mysterious process of agitation, hot water and soap, a felted bird will be hatched. Everyone will go home with a bird of their own design and an understanding of felting which could be transferred to other projects such as slippers, hot pads, tea cozies etc.

length (days) 0.5 hours 9am-1pm

tuition \$60 early bird tuition (6+ wks in advance) \$55

materials \$15

age with adult 10+

## Wooly Critters: Intro to Felting

with Elise Kyllo

10/18/13

Wool has the amazing capability of taking on great shapes, strength and forms when wet felted. In this class we will use the ancient practice of felting wool to sculpt a purely aesthetic and charming menagerie of creatures, both real and imagined. Using recycled wool, students will make a rough animal form, and then apply dyed wool roving over the form. Through the mysterious process of agitation, hot water and soap, a felted creature will emerge. Everyone will go home with a creature of their own design and an understanding of felting which could be transferred to other projects such as slippers, hot pads, tea cozies etc. This is an especially great opportunity for young imaginations to put their creative inclinations to work.

length (days) 0.5 hours 9am-1pm

tuition \$60 early bird tuition (6+ wks in advance) \$55

materials \$15 age with adult 10+



Spinning Fibers On A Wheel

## Woven, Decorative Bands: Weaving on the Modified Rigid Heddle

with Larry Schmitt

5/17/13-5/19/13

The intricate and colorful band weaving that is sometimes found on lusekofta (Norwegian ski sweaters) can be woven on a "spaltegrind." This workshop will show how to transform a standard rigid heddle into a spaltegrind, a modification developed in the 1930s and 1940s by American weavers, to weave colorful, decorative bands that may include names, dates, and mottoes. In peasant crafts from Scandinavia, pattern is often laid upon pattern for dazzling effect. The use of these colorful bands in combination with two-color knitting is but one example of this approach to design. Students learn how to modify a standard rigid heddle and the basics of pick up weaving for bands. If desired, students can make appropriate shuttles – a small woodworking project.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195

materials \$25 age with adult 12+

"i made lots of little mistakes, but in this setting every little mistake is a learning opportunity."

- from a student evaluation form



Getting Pickled: The Fine Art of Canning Dill Pickles

# foods

- All Ground Up: Sausage Making
- Can-it-Yourself: Introduction to Canning
- Charcuterie: An Introduction
- Cooking Creatively from a Well-Stocked Pantry
- Cooking with the Seasons:
  - Autumn Northwoods Harvest
  - Dinner on the Harbor
  - Octoberfest
  - Spring Breakfast & Brunch
  - Summer by the Lake
  - Summer from the Garden
- Foraging for Spring Wild Edibles
- Getting Pickled: The Fine Art of Canning Dill Pickles
- Handmade Pasta
- Home Cheesemaking: Intro to Fresh Cheeses
- Jams, Jellies & More: Making the Most of Berries
- New Scandinavian Cuisine
- Prepare and Preserve Healthful Meats
- Root Cellars: Exploring Use & Design
- Sausages for the Summer Grill
- Swedish Potato Sausage Making
- Traditional Harvest of Wild Rice
- What's on the Menu?
- Wild Rice Winnowing Tray
- Wild Ricing Push Pole
- Winemaking at Home: An Introduction

## baking

- Ancient Grains: Baker's Workshop
- Artisan Breads I
- Artisan Breads II
- Flatbreads Bakery: From the Wood-Fired Hearth
- Flavorful Rye Breads
- Ovencrafting: Building and Baking In The Wood-Fired Brick Oven
- Rustic Breads for the Brick Oven
- Savory Singles Baker's Workshop: Tasty Alternatives to Loaf Breads
- Scandinavian Holiday Baking: Making Lefse
- Whole Grain Sourdough Bakery

## All Ground Up: Sausage Making

with Craig/Dianne Peterson  
10/17/13-10/18/13

Make your own sausage flavored the way you like it using your favorite meats. As a class, we will make and take home 4-5 kinds of sausage of your choosing from a list of about 10 varieties. These will be fresh, non-smoked, non-cured sausages like bratwurst, breakfast sausage, Moroccan, Polish, Italian, Chorizo and more. Sausage meats include pork, chicken, beef and your own wild game (e.g. venison). Learn how to grind, season (using no MSG, no preservatives), stuff, cook, eat, and serve the best sausages in the world - taking home about 25 lbs of fresh sausage! Homemade, handmade, fresh from your kitchen, it doesn't get any better than this.

length (days) 2 hours 9am-5pm  
tuition \$150 early bird tuition (6+ wks in advance) \$130  
materials varies (approx \$60-\$90)  
age with adult 10+

## Ancient Grains: Baker's Workshop

with Amy James  
9/27/13-9/29/13

Wheat is king in the bread baking world, but it hasn't always been that way. Ancient cultures made their breads from highly nutritious grains such as amaranth, teff, barley, rye, and quinoa, as well as the ancient strains of wheat: spelt, emmer and kamut. This course offers the opportunity to learn about the history and nutritional value of these grains and pseudo-grains, and bake loaves with the added nutrition and flavor these grains offer. Students will also learn how to use soakers and pre-ferments as methods to extract the maximum nutrition and flavor from the grains. We will be baking our loaves in North House Folk School's wood-fired oven. Students will go home with loaves of bread, recipes, and the knowledge to bake these breads in a home oven.

length (days) 2.25  
hours Day 1: 5-8pm Day 2: 8am-4pm Day 3: 8am-noon  
tuition \$185 early bird tuition (6+ wks in advance) \$175  
materials \$40

## Artisan Breads I

with Amy James  
4/26/13-4/27/13  
10/25/13-10/26/13

Hand-crafted, long-fermented, hot-hearth baked - these are the hallmarks of artisan bread. In this course we'll explore pre-ferments and a long cool rise to extract maximum flavor from the grains. You will practice skills that will help you achieve consistency in your baking, shape beautiful artisan loaves, and use techniques to fit baking into your busy life. In Artisan Breads I we will make Pan au Levain, Sourdough Boule with variations, and Herbed Flatbreads. We will bake in North House Folk School's wood-fired oven and you will learn how to create the hot-hearth experience in your home oven. Open to beginning and intermediate bakers, this course requires the ability to stand for periods of time, to knead dough by hand, and to walk to and from the teaching kitchen and the outdoor wood-fired oven. Artisan Breads I is not a pre-requisite to Artisan Breads II.

length (days) 1.5  
hours Day 1: 5-8pm Day 2 8am-4pm  
tuition \$135 early bird tuition (6+ wks in advance) \$125  
materials \$30

## Artisan Breads II

with Amy James

3/15/13-3/16/13

8/16/13-8/17/13

Hand-crafted, long-fermented, hot-hearth baked: There are so many kinds of breads to explore! This course covers the same underlying concepts of artisan baking found in Artisan Breads I, with a focus on using whole grains. You'll learn how to use soakers and pre-ferments to extract flavor and nutrition from the grains, and techniques to fit baking into your busy schedule. Recipes include Ciabatta, Whole Grain Boule with variations, and Whole Grain Pita. We will bake in North House Folk School's wood-fired oven and you will learn how to create the hot-hearth experience in your home oven. Open to beginning and intermediate bakers, this course requires the ability to stand for periods of time, to knead dough by hand, and to walk to and from the teaching kitchen and the outdoor wood-fired oven. Artisan Breads I and II do not need to be taken sequentially.

length (days) 1.5

hours Day 1: 5pm-8pm; Day 2: 8am- 4pm

tuition \$135 early bird tuition (6+ wks in advance) \$125

materials \$30

new

## Can-it-Yourself: Introduction to Canning

with Jodi Belluz

5/3/13

Yes, you can! Preserve the harvest by learning to safely fill your pantry with home-canned vegetables, fruits and more. This introductory workshop will teach you the basics of canning: what supplies you'll need, how to prepare your fruits and veggies and how to process the jars so that you'll be confident your canned goods will be delicious and healthy all year-round. We'll can a variety of items, sweet and savory and answer any questions you may have. Take home a variety of small samples for your own later enjoyment. Your grandmother would be proud.

length (days) 0.5 hours 1pm- 5pm

tuition \$55 early bird tuition (6+ wks in advance) \$50

materials \$8



## nuts & bolts when can I sign up?

Anytime! We are always updating our schedule online.

We open most courses for registration online on Sept 1 and March 1 each year. Mark your calendar, or sign up for our e-news and we'll keep you up-to-date with our latest course offerings.

## Charcuterie: An Introduction

with Rob Wells

11/17/13

Charcuterie: a French term for the preserving and curing of a variety of meats. In the days before refrigeration, charcuterie was necessary for preservation; today, it's all about the delicious world of prepared meats. In this course you'll learn traditional recipes and techniques for butchering and preserving a variety of fish and meats. We will make classic salmon gravlax, smoke whole fish, grind and case sausages, and make a classic French pate! A great course for hunters and anglers who want to learn more about preserving fish and game, or for any home entertainers who want to really impress their guests.

length (days) 1 hours 9am-4pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$36

new

## Cooking Creatively from a Well-Stocked Pantry

with Lucia Watson

5/4/13

Aspiring to make delicious meals using healthy, whole-food ingredients but stumped for ideas? This is the class for you! If you love to cook but deciding what to make for dinner is a challenging weekly task, let Lucia Watson of Lucia's Restaurant, Wine Bar and To Go in Minneapolis help you become a more creative and confident chef in your home kitchen. Known for her fresh, seasonal take on comfort foods, Lucia will cover skills including menu planning using whole grains and vegetables, creating a local larder, sharpening knives and using simple but essential kitchen tools. As a class, you'll review and discuss a variety of ideas, put them into practice and end with a simple lunch following class. Leave inspired (or re-inspired!) to craft creative, nourishing and gratifying meals in your kitchen.

length (days) 0.5 hours 9am-1pm

tuition \$65 early bird tuition (6+ wks in advance) \$60

materials \$20 includes lunch

new

## Cooking with the Seasons: Autumn Northwoods Harvest

with Chef Judi Barsness

9/20/13-9/21/13

Discover the tastes of northern Minnesota by joining in this hands-on, participatory cooking class with Chef Judi Barsness of Chez Jude. Over the course of two days, you'll prepare a variety of foods that feature the tastes of the autumn harvest in Minnesota, including wild rice, mushrooms, autumn squashes and game. Two days in the kitchen with Chef Judi and your fellow students and food enthusiasts will inspire you to fill your home kitchen with the flavors of autumn. You will enjoy a meal each day paired with wines, and leave with a recipe packet and menus.

length (days) 2 hours 9am-3pm each day

tuition \$180 early bird tuition (6+ wks in advance) \$170

materials \$65 includes lunch



Flavorful Rye Breads

new

## Cooking with the Seasons: Dinner on the Harbor

with Chef Judi Barsness

7/18/13

Spend a fun evening in the kitchen as you learn new cooking skills in a couples format and share great culinary fun with other students who love to cook. In this hands-on, participatory cooking class, you'll prepare and enjoy a delicious summer evening meal, including wine pairings and craft brews. Take home a recipe packet featuring regional menu items and enjoy an evening cooking and dining on the Grand Marais harbor.

length (days) 0.5 hours 3-9 pm

tuition \$50 early bird tuition (6+ wks in advance) \$45

materials \$35 includes dinner and wine

new

## Cooking with the Seasons: Octoberfest

with Chef Judi Barsness

10/12/13-10/13/13

The snap in the air, the crunching leaves and the taste of beer: it's Octoberfest time! This expanded session of Cooking with the Seasons celebrates the many ways that beer can enhance a dining experience. Braising of vegetables and meats will be featured utilizing fresh, regional and seasonally available ingredients. You and your class will join Chef Judi in preparing a variety of foods that feature beer as an ingredient as well as those that simply pair well with a variety of brews. You'll learn new skills, and leave with new recipes and ideas to expand your palette. Your materials fee includes a meal paired with micro brews each day. Day one includes a field trip to a local Brew House.

length (days) 2 hours 9am-3pm

tuition \$180 early bird tuition (6+ wks in advance) \$170

materials \$65 includes lunch each day

new

## Cooking with the Seasons: Spring Breakfast & Brunch

with Chef Judi Barsness

5/18/13-5/19/13

Does the sweet singing of the springtime birds have you getting up early? This session of Cooking with the Seasons will celebrate the delicious foods of a spring morning. With Chef Judi, you'll prepare delectable sweets and savories suitable for breakfast and brunch. The two-day format allows for the preparation of skill-intensive menu items such as brioche cinnamon morning buns and more. You and your classmates will prepare and enjoy a meal each day paired with fun brunch beverages and take home a recipe packet you'll treasure for years. Day one will include a field trip to the local dairy.

length (days) 2 hours 9am-3pm

tuition \$180 early bird tuition (6+ wks in advance) \$170

materials \$65 includes a meal each day

**“i loved  
the  
chance  
to be  
creative  
with food.”**

- from a student evaluation form



## Cooking with the Seasons: Summer by the Lake

with Chef Judi Barsness  
6/29/13-6/30/13

Welcome the season of long days, starry nights and casual entertaining with Chef Judi Barsness. In this session of Cooking with the Seasons, you'll join Chef Judi in preparing delicious meals featuring the seasons harvest of the northern lakes. Fishcakes, seviche, planking, and bouillabaisse are some of the items we'll prepare using fresh, regional and organic ingredients. You'll learn new cooking techniques for the home kitchen, expand your palate, and discover the joys of preparing and eating sustainable cuisine. Enjoy the fruits of your labor in shared meals each day complete with fun summer beverages. Your cooking class includes a recipe packet prepared by the chef to expand your cooking palette in your own kitchen. Day one will include a field trip to the local Fish House.

length (days) 2 hours 9am-3pm  
tuition \$180 early bird tuition (6+ wks in advance) \$170  
materials \$65 includes a meal each day



## Cooking with the Seasons: Summer from the Garden

with Chef Judi Barsness  
8/24/13-8/25/13

Tomatoes, corn, basil, oh my! The flavors of the summer garden are robust, timeless and abundant in August. Over two days, you and Chef Judi of Chez Jude will prepare a wide variety of dishes that celebrate the many tastes of summer and will help you make the most of all the farmers market, the CSA box, or your garden has to offer. Enjoy good company, delicious meals paired with summer beverages and new skills in the kitchen on the harbor. Your materials fee includes a recipe packet and two meals during the course. Day one will include a field trip to a local fresh produce market.

length (days) 2 hours 9am-3pm  
tuition \$180 early bird tuition (6+ wks in advance) \$170  
materials \$65 includes a meal each day

## Flatbreads Bakery: From the Wood-Fired Hearth

with Amy James

6/9/13  
8/18/13  
10/27/13

One of the oldest forms of bread, flatbread can be found in almost every culture around the world. Explore a variety of styles, both leavened and unleavened, as we bake our creations in North House Folk School's wood-fired brick oven. Each student will mix up and bake 'Carta di Musica,' a crisp Italian flatbread, pitas, focaccia, and fougasse, a French flatbread. This course provides a wide introduction to the variety of bread styles for the home baker, as class discussions include how to create a hearth-like baking experience in your home oven. Open to beginning and intermediate bakers, this course requires the ability to stand for periods of time, to knead dough by hand, and to walk to and from the teaching kitchen and the outdoor wood-fired oven. Students will take home loaves of bread.

length (days) 1 hours 9am-5pm  
tuition \$90 early bird tuition (6+ wks in advance) \$85  
materials \$28  
age with adult 10+

## Flavorful Rye Breads

with Amy James

7/5/13-7/7/13

Explore the many flavors of rye breads using seeds, spices and fruit to make traditional breads such as Limpa, Pumpernickel, and Raisin Rye. Practice techniques that will allow you to work with a potentially difficult dough. We'll explore the history and characteristics of this nutritious grain, using pre-ferments and soakers to extract maximum flavor and nutrition. Using the commercial ovens in North House's teaching kitchen will enable students to transfer these techniques directly to the home oven. Class time will allow for tasting and discussion, and students will take breads home. Although this class is open to beginning bakers, it would be beneficial to have had some experience with yeast dough prior to class. This course requires the ability to stand for periods of time, to knead dough by hand, and to walk to and from the teaching kitchen and the outdoor wood-fired oven.

length (days) 2.25  
hours Day 1: 5-8pm; Day 2: 8am-4pm; Day 3: 8 am-noon  
tuition \$185 early bird tuition (6+ wks in advance) \$175  
materials \$40

## new Foraging for Spring Wild Edibles

with Ian Andrus

5/10/13-5/11/13

Have you always been interested in gathering wild foods but just weren't sure where to start? This class is a great first introduction to spring edibles as we focus on just five common, nutritious and often abundant plants. These early risers sprout up almost as soon as the snow is gone, so you can be eating nutritious local green vegetables long before the farmers market gets rolling. We will start in the evening with introductions, ethics, and identification. The next day will consist of two field trips to locate and harvest the spring bounty. We will then come back to the classroom and prepare some simple dishes using what we collected.

length (days) 1.25  
hours Day 1: 5-7pm Day 2: 9am-5pm  
tuition \$115 early bird tuition (6+ wks in advance) \$95  
materials included

## Getting Pickled: The Fine Art of Canning Dill Pickles

with Dan Seemon

8/10/13

A home-made dill pickle...crunchy, flavorful and deliciously satisfying when crafted by your own hand. Dan Seemon makes some of the best, and he's willing to share his recipe, skills and good humor to help you fill your pantry with jars full of pickles. This course will cover the basics of canning and pickling, including product preparation, sterilization, packing, brine mixing, sealing and boiling. Students will also clean the cucumbers, clean the dill, cut garlic and jalapeño peppers, mix brine (distilled water, canning salt and vinegar), seal jars with lids and rings and finally boil the jars to prevent bacteria from entering the finished product.

length (days) 0.5 hours 9 am-2 pm

tuition \$65 early bird tuition (6+ wks in advance) \$55  
materials \$40 age with adult 10+

## Handmade Pasta

with David Bauer

3/10/13

While a craving for fresh handmade pasta might make you more likely to think "I'll make reservations!" than "I'll make dough!" this does not need to be the case. In this one-day course, students will learn to make basic pasta dough for noodles and ravioli as well as whole grain pasta. The use of traditional hand tools will be explored as will various types of flour and pasta methods. Forget about going out; you'll be ready to stay in and roll out your new-found culinary skill.

length (days) 1 hours 9am-5pm

tuition \$85 early bird tuition (6+ wks in advance) \$75  
materials \$20

## Home Cheesemaking: Intro to Fresh Cheeses

with Rob Wells

4/7/13

9/8/13

No cheesy puns here, just an opportunity to spend a day learning how simple home cheesemaking can be. The main emphasis will be three fresh (non-aged) cheeses – mozzarella, ricotta, and soured milk cheese, but we will also learn the technique for a short-aged (one month) ricotta salata cheese. We'll touch upon the history and culture of cheeses, as well as the differences between the varieties of cheeses – aged vs. fresh, rennet vs. non-rennet, waxed, mold-ripened, and more! At the end of the class, we will be using our new-found skills to make a great pizza lunch, featuring our handmade mozzarella, with North House's very own wood-fired pizza oven.

length (days) 1 hours 9am-2pm

tuition \$85 early bird tuition (6+ wks in advance) \$75  
materials \$25 includes pizza lunch



**new**

## Jams, Jellies & More: Making the Most of Berries *with Jodi Belluz*

7/19/13

Wild and cultivated berries are truly the fruit of the north. But how do we make the most of these delicious, fragile, nutritionally power-packed delights? Learn how to choose the best cultivated berries and a few easy tricks for finding and identifying our native wild berries - including a seasonal taste test! Next, to enjoy your pickings throughout the entire year, learn the basics of berry preservation including drying, freezing, juicing, canning in syrup, preserving/jamming and syrup making. Plan to bring home a variety of small samples.

length (days) 1 hours 9am-4pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$5 age with adult 9+

## New Scandinavian Cuisine

*with Scott Graden*

7/20/13-7/21/13

A new favorite returns! If the idea of Scandinavian cuisine brings to mind only meatballs, lefse and lutefisk, it's time to update your palate. In kitchens across the globe, chefs are approaching time-honored classics with a fresh eye, emphasizing seasonal and local ingredients, simple techniques and intriguing flavor combinations. Join regionally-renowned Chef Scott Graden, owner of the New Scenic Café, and learn to replicate these new Scandinavian classics and innovate in your own kitchen. With an emphasis on artisan food and a starting from scratch, you'll spend the first day exploring proper ingredient preparation. Day two will feature a variety of cooking techniques and will end with a dinner to celebrate your new knowledge. Chef Graden is well-known for his innovative yet approachable food, as well as his willingness to share his ideas.

length (days) 2 hours 9am-5pm

tuition \$180 early bird tuition (6+ wks in advance)

\$170 materials \$85 includes two meals

## OvenCrafting: Building and Baking In The Wood-Fired Brick Oven

*with Derek Lucchese/Russ Viton*

4/29/13-5/3/13

8/2/13-8/6/13

10/4/13-10/8/13

Hearth loaves, wood-fired cooking, traditional baking - all potential uses for the wood-fired masonry oven pioneered and made popular by Alan Scott. This workshop will explore the history of masonry ovens, oven construction, mixing dough and brick oven baking. Over the four days of the course we will, as a class, build a 25" x 32" oven starting with hearth construction, followed by the oven walls, arches, door and facade in succession. Construction will end with the facade arch and chimney, as time permits. The building of the foundation, block walls and the finishing of the oven facade, its insulation and housing will be explained in detail. Interspersed with oven building we'll be mixing dough and baking bread! The focus of this portion of the class will be naturally leavened (sourdough), whole grain breads such as whole wheat, rye, spelt and kamut. By class end you'll have natural leavened and baked bread to take home, plus all the knowledge needed to build your own oven and bake in it.

length (days) 4.5

hours Day 1: 4pm-7pm; Days 2-5: 9 am-5 pm

tuition \$445 early bird tuition (6+ wks in advance)

\$425 materials \$20

## Prepare and Preserve Healthful Meats

*with Craig & Dianne Peterson/Melinda Spinler/Paul Anderson*

5/24/13-5/26/13

In days gone by, eating meat meant butchering whole animals. A whole animal meant, pardon the pun, going "whole hog" into the preparation and preservation of all the parts of that animal. Today, many of those skills have fallen out of daily use, but here's your chance to reclaim the simple and natural ways to keep meat in your diet all year-round. Through both hands-on participation and demonstration, we'll cover a wide variety of skills and products. We'll render lard, can meat and broth, dry meats, make jerky, prepare fresh sausages, smoke bone-in meats, fish and sausage, and cover freezing, brining, and curing a variety of meats as well. Students will take home a basketful of samples and the knowledge to tackle meat preservation in their home kitchens.

length (days) 3 hours 9am-5pm

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials varies (\$65-\$75)

## Root Cellars: Exploring Use & Design

*with Jodi Belluz/Derek Lucchese*

5/4/13

What a wonderfully secure and rewarding feeling it is to cook veggies straight from your own root cellar in the depths of winter. In this half-day seminar, learn how to plan and prepare to eat local year round. We'll explore the basics of root cellaring, including produce varieties that store well, storage conditions for common fruits and veggies and even methods for root cellaring if you live in an apartment or condo. We'll also cover aspects of design, including the conditions you need for a root cellar and how to create one. We'll discuss pros and cons, materials and methods, so you'll be ready to build and fill your own cellar.

length (days) 0.5 hours 9am-noon

tuition \$50 early bird tuition (6+ wks in advance) \$45

materials included

## Rustic Breads for the Brick Oven

*with Derek Lucchese*

7/27/13-7/28/13

Immerse yourself in the craft of making traditional rustic breads in the wood-fired brick oven. These breads are characterized by their unique blend of flours (wheat, rye, spelt, kamut) and their high water content. This class will teach you how to develop and handle these wet, loose doughs. From hand mixing and kneading to shaping and baking, you'll gain a foundation in the most traditional of techniques. We will discuss the properties of different flours, and students will be introduced to working with and caring for natural leavens (sourdough cultures) as well as commercial yeast. This class will also serve as an in-depth introduction to the wood-fired baking process. These are the best breads on earth.

length (days) 1.5

hours Day 1: 5pm-8pm; Day 2: 8am-3pm

tuition \$145 early bird tuition (6+ wks in advance) \$135

materials \$25

age with adult 16+



Prepare and Preserve Healthful Meats

## Sausages for the Summer Grill

*with Craig/Dianne Peterson*

6/24/13

7/13/13

It's the summer season and time for a course to enable the grill master in all of us to make our own sausages for the BBQ. Designed to teach you how to make several kinds of sausage for those easy summer meals - from andouille to Polish. You will learn to grind, season, mix, stuff, package, prepare and serve your favorites. Once you learn the basics you will be limited only by your own imagination in what you can create for your own grilling pleasure. Fire up the grill and don your apron, it's a perfect course for summertime!

length (days) 1 hours 9am-5pm

tuition \$85 early bird tuition (6+ wks in advance) \$75

materials varies (approx. \$35-\$50)

age with adult 10+

## Savory Singles Baker's Workshop: Tasty Alternatives to Loaf Breads

*with Amy James*

5/10/13-5/12/13

Bagels, crackers, breadsticks – all ways to enjoy the flavor and nutrition of grains in a single serving size. Using pre-ferments, seeds, spices and some whole grains we will create 'small breads' that will add convenience, variety, and nutrition to your meals. We will identify the benefits of extended fermentation for extracting flavor and nutrition from whole grains. Recipes will allow for variation and creativity so students can craft breads to their individual tastes. Using the commercial ovens in North House's teaching kitchen will enable students to transfer these techniques directly to the home oven. Class time will allow for tasting and discussion, and students will take breads home. Although this class is open to beginning bakers, it would be beneficial to have had some experience with yeast dough prior to class. This course requires the ability to stand for periods of time, to knead dough by hand, and to walk to and from the teaching kitchen and the outdoor wood-fired oven.

length (days) 2.25

hours Day 1: 5-8 pm; Day 2: 8am-4pm; Day 3: 8am-noon

tuition \$185 early bird tuition (6+ wks in advance) \$175

materials \$40

# Scandinavian Holiday Baking: Making Lefse

with Craig/Dianne Peterson

12/7/13

Learn to make lefse the way your grandmother used to do it – an easy, time-tested recipe made from whole potatoes. You'll learn the entire process of lefse making – from potato preparation, mixing, rolling, folding and storing – as well as the equipment used to be successful. Other recipes and uses for lefse (some not so serious) will also be covered. No preservatives, MSG, or other undesirable additives. Made from pure, natural ingredients. Take your newfound skills home with you to recreate this wonderful addition to a well-placed Scandinavian meal. Each student will take home several rounds of lefse to freeze or enjoy immediately. The instructors have over 100 combined years of making and eating lefse so come and join a couple of Scandinavians who know their potatoes!

length (days) 1 hours 9am-5pm  
tuition \$75 early bird tuition (6+ wks in advance) \$65  
materials \$15

# Swedish Potato Sausage Making

with Craig/Dianne Peterson

10/19/13

If you enjoy sausage, you have to try Swedish potato sausage, with a homemade taste you can't find in the store! Learn the entire process of sausage making including preparing, deboning, grinding, mixing, stuffing and tasting Swedish potato sausage. Also called "potatis körv," this sausage is traditionally served with lutefisk, lefse and creamed peas on Christmas Eve, but also makes a great breakfast or BBQ sausage any time of the year. This course is "hands-on"-learn tasting, mixing, stuffing, and packaging methods. Plan to take home 7-8 lbs of sausage to share with family and friends. This is a great opportunity for families to create a new holiday tradition together. Children ages 10 and up with an adult are welcome to participate at an intergenerational tuition rate.

length (days) 0.5 hours 9am-1pm  
tuition \$75 early bird tuition (6+ wks in advance) \$65  
materials \$30  
age with adult 10+

# Traditional Harvest of Wild Rice

with Erik Simula

9/6/13-9/8/13

Manoomin, Zizani aquatica, wild rice...the symbolic grain of the North. Wild rice has been a significant food source for the people who have inhabited the Great Lakes region for centuries and who have harvested this annual grain generation after generation. In this course, you will paddle to a historic ricing bed for a day of harvesting and gain insight into the finishing of the grain. During the course, you'll paddle onto a rice lake to gather wild rice, then learn about drying, parching, hulling, hand-winnowing and food preparation methods, and you will go home with your own finished rice. Participants are required to bring canoes (one canoe per pair - rentals available) and have previous paddling experience.

length (days) 3 hours 9am-5pm  
tuition \$255 early bird tuition (6+ wks in advance) \$225  
materials \$20  
age with adult 14+



Home Cheesemaking: Intro to Fresh Cheeses

new

# What's on the Menu?

with Lucia Watson

5/5/13

Putting together a menu is a skill in and of itself. What flavors pair well? What dishes can be timed to serve together? This session with Lucia Watson of Lucia's Restaurant, Wine Bar and To Go in Minneapolis will help you answer these questions as you put together a menu and create a delicious meal to share as a class. Planning, execution and finishing techniques for great food will be covered. Lucia will discuss seasonality of food, cravings, tricks and principles of sensible cooking. The session will be followed with a shared meal.

length (days) 0.5 hours 9am-1pm  
tuition \$65 early bird tuition (6+ wks in advance) \$60  
materials \$20 includes lunch

# Whole Grain Sourdough Bakery

with Amy James

6/7/13-6/8/13

Expand your baking horizon by learning to craft tasty whole grain breads using soakers and pre-ferments to coax the most flavor and nutrition from the grain. Students will create whole grain wheat and rye breads, some supplemented by seeds and grains for extra texture, flavor, and health. The breads will be baked in North House's harborside wood-fired oven and discussion will include information about creating a hearth oven baking experience for your own home oven. Participants will go home with bread, recipes, one wild yeast culture and the knowledge to bake these breads with confidence.

length (days) 1.5 hours Day 1: 5pm-8pm; Day 2: 8am-4pm  
tuition \$135 early bird tuition (6+ wks in advance) \$125  
materials \$30

# Wild Rice Winnowing Tray: Craft Your Own

with Erik Simula

9/5/13

The harvest and preparation of wild rice is process with many steps: collecting the long grains in your canoe is only the beginning. Next, the rice must be dried, parched, threshed and winnowed to separate the husks from the grains. Traditionally, this is done by hand using a birch bark winnowing tray. This course covers material selection and processing of white birch bark, black spruce roots, and willow stalks; and concentrates on construction of a traditional Native American-style winnowing tray. Students may choose between making their own small, medium or large winnowing tray (materials cost differs) or working collectively on a group tray (no materials fee) which will be used in the proceeding Wild Rice Harvesting and Processing course.

length (days) 1 hours 9am-5pm  
tuition \$85 early bird tuition (6+ wks in advance) \$75  
materials varies (\$0-\$95)  
age with adult 14+

new

# Wild Ricing Push Pole: Craft Your Own

with Erik Simula

9/4/13

Craft your own traditional wild ricing push pole. Use a drawknife to peel bark from a long, straight, small diameter spruce, balsam or cedar tree and skillfully fit on a hardwood fork end by scarfing, mortising, pegging and lashing with split spruce roots. The push pole is critical for the successful (and legal) harvest of wild rice.

length (days) 1 hours 9am-5pm  
tuition \$85 early bird tuition (6+ wks in advance) \$75  
materials \$50  
age with adult 10+

new

# Winemaking at Home: An Introduction

with Ann Tessneer

8/3/13

Minnesota may not be Sonoma County or the Napa Valley but that doesn't mean we can't produce and appreciate delicious wine right here in the Upper Midwest. Join Minnesota winemaker Ann Tessneer for an informative session that will cover wine tasting and the basics of producing rhubarb and fruit wines at home. Though there are lots of steps between harvesting rhubarb and quaffing the first sips of wine, each student will take home a recipe, hands-on experience with the first steps of the process, familiarity with the equipment necessary to produce wine at home, and a bottle of finished wine from the instructor's winery. This is a great introduction to a hobby that will last a lifetime.

length (days) 0.5 hours 9am-noon  
tuition \$50 early bird tuition (6+ wks in advance) \$45  
materials \$15



Wild Rice Winnowing Tray: Craft Your Own



## Cold Connections: Cobblestone Beach Necklace/Bracelet

with Molly Sharp

9/13/13-9/15/13

Beachcombing the North Shore has been a natural pastime for generations of Lake Superior enthusiasts: picking agates, puzzling over driftwood pieces and collecting sea glass. This jewelry project lets you design and construct a very personalized necklace or bracelet using found objects and items you may have collected. Learn how to connect these items using cold connections and unique sterling silver links, finishing them off with a handmade clasp. Suggested items to bring to class are North Shore pebbles; found pieces of bone, shell, fossils, claws, teeth, petrified wood, sea glass and pottery shards; beads, antique buttons, watch parts and perhaps elements from old jewelry you never wear. All tools will be provided including drill bits for drilling metal and found materials.

length (days) 3 hours 9am-5pm

tuition \$270 early bird tuition (6+ wks in advance) \$255

materials varies (approx. \$30)

## North Shore Pebble Jewelry

with Molly Sharp

9/6/13-9/8/13

Have you ever collected perfectly smooth, round pebbles from the shores of Lake Superior or other places in the world and then wondered what to do with them? This course offers the perfect solution. Students will spend an hour or so the first day gathering pebbles and then will use diamond-encrusted drill bits to drill holes in them. The pebbles can then be made into pendants, necklaces, bracelets and rings. Sterling silver wire, chain, tubing and sheet will be used to fabricate unique pieces of jewelry based on each student's own design theme. Discover the song of the jeweler's saw, the hum of the drill, the intrigue of cold connections and the thrill of a finished piece using these age-old techniques and go home with three or four handmade works of art to wear...truly treasures from the North Shore.

length (days) 3 hours 9am-5pm

tuition \$275 early bird tuition (6+ wks in advance) \$255

materials varies (\$30-\$45)

age with adult 13+



# jewelry

## Cold Connections: Cobblestone Beach Necklace/Bracelet

## North Shore Pebble Jewelry

## Saami Friendship Bracelet

## Saami Friendship Bracelet Continuation

## Silversmithing: The Jeweler's Palette

## Viking "Knit" Chain Bracelet

## Saami Friendship Bracelet

with Liz Buchheit

6/7/13

The serene and dramatic landscape of northern Scandinavia is the land of the midnight sun, the northern lights and the Saami, a nomadic tribal group that follows the migration of the reindeer. Traditional Saami jewelry incorporated elements of their northern landscape – softened reindeer leather and sculpted antler. In this course you'll explore the traditional jewelry techniques of triple braiding coiled pewter wire and sewing the finished braid to a softened reindeer hide strip. A reindeer antler button finishes the bracelet. Materials fee will be collected by instructor.

length (days) 1 hours 9am-5pm

tuition \$85 early bird tuition (6+ wks in advance) \$75

materials varies (approx. \$95)

## Saami Friendship Bracelet Continuation

with Liz Buchheit

6/8/13

Expand on your Saami bracelet skills! In this class we will create a wide multi-braided bracelet with a variety of intricate braids and coils using traditional spooled pewter coil. If you loved the single braid style of the Saami bracelet class and want to experiment with different braiding combinations, this is your opportunity to individualize your style. New students interested in this course are encouraged to enroll in the Saami Bracelet class offered the prior day. All tools and materials provided. Materials fee will be collected by instructor during the course.

length (days) 1 hours 9am-5pm

tuition \$85 early bird tuition (6+ wks in advance) \$75

materials varies (approx \$125)

## Silversmithing: The Jeweler's Palette

with Michael Seiler

4/5/13-4/6/13

6/7/13-6/8/13

Shiny objects catch your eye? Ready to create your own designs in silver? In this class you will learn the basic foundations of silversmithing. Bring your creativity and an aptitude to try new things. We will cover soldering, fabricating and hand forming metal into your own design. This class offers students creative reign with their projects, including rings, necklaces, earrings or simple metal objects. This is a wonderful opportunity to learn the basics or grow as a fledgling jeweler. All the tools will be provided to create your masterpiece. Sterling silver will be available for purchase at the time of the class (see materials fee).

length (days) 2 hours 9am-5pm

tuition \$170 early bird tuition (6+ wks in advance) \$150

materials varies (\$55 and up)

## Viking "Knit" Chain Bracelet

with Liz Buchheit

4/6/13

Come explore the ancient tradition of chain making! You'll use "Viking Knitting," a centuries-old looping technique, to create a beautiful silver bracelet with a variety of unusual clasps. You'll have the opportunity to complete a bracelet in a single day – no previous experience required – and all tools and materials will be provided.

length (days) 1 hours 9am-4pm

tuition \$85 early bird tuition (6+ wks in advance) \$80

materials varies (approx. \$95)

more details, more photos: [www.northhouse.org](http://www.northhouse.org)



## Designing the Northern Sweater

*with Allen Holzhueter*

10/18/13

Yes, it is fall but you will need the time to design and knit that sweater inspired by all that is North House, the North Shore and the Boundary Waters. Students will work on swatches that can be incorporated in a knitted item such as a sweater. (Directions for a basic sweater will be provided, or we can help with designing your own pattern.) Come and create your own unique memory of the North in knitted form. We will have prepared charts and knitted swatches of birds, animals, and landscapes, but if you want to create your own design, bring your idea and a picture. We will work with you to translate it into a knit pattern. We will also have versions of the North House logo for your sweater. Your materials fee includes yarn for swatches and patterns to take home.

length (days) 1 hours 9am-5pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$20

## Help Yourself To Knitting: Beginning Knitting Class

*with Kate Hartman*

10/17/13-10/18/13

This class is an enjoyable, two-day beginning knitting class which focuses not only on basic stitches and skills, but also on recognizing and correcting common mistakes which often frustrate the beginner. Topics include basic knitting skills, yarn basics and pattern reading. You will be provided with a beginning book, one pair of size 8 (Am) knitting needles, practice yarn and several easy project patterns to help you get started in this enjoyable craft and pastime. Children and adults may choose to participate together in this learning experience, taking advantage of a special intergenerational rate.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$15

age with adult 10+



Designing the Northern Sweater

Help Yourself To Knitting: Beginning  
Knitting Class

Knitting Socks: The Essential Craft

Lace Knitting: An Introduction

Selbuvotter Mittens: The Classic  
Norwegian Mitten

## Knitting Socks: The Essential Craft

*with Kate Hartman*

10/20/13

Build your own boat and timber frame your own home—so why not knit your own socks? After all, “you can’t go barefoot,” as your mom used to say. In this day-long introduction to knitting socks, you’ll be on your way to making your own socks for the rest of your life. Learn the skills to make socks including reading knitting patterns, circular knitting on double point needles, shaping the heel and shaping and closing the toe. You start on a model sock and are encouraged to bring a sock pattern you would like to make in the future. The instructor will guide you through these sometimes daunting instructions.

length (days) 1 hours 9am-5pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$20

age with adult 10+

## Lace Knitting: An Introduction

*with Shawn Glidden*

3/23/13

Throw me a lifeline, my yarn overs are growing and my ssk's are slipping! Discover how yarn overs, ssk's, k2togs, and others come together to form beautiful knit lace! These abbreviations might look incomprehensible now but after a fun day of knitting lace you will be able to identify them, execute them and even combine them in ways to create your own lace designs. While knitting a lace sampler scarf, you'll learn to read charts, written directions and how to use that lifeline! If you are comfortable knitting and purling join us for a fun day of exploring lace knitting.

length (days) 1 hours 9am-5pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials varies (up to \$25)

age with adult 16+



“spending  
all day  
doing  
something  
creative  
made me  
happy!”

- from a student evaluation form

## Selbuvotter Mittens: The Classic Norwegian Mitten

with Allen Holzhueter

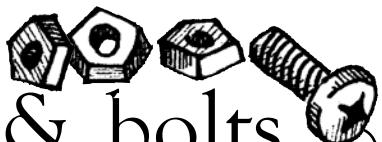
6/24/13-6/25/13

If you have always wanted to knit a Norwegian ski sweater, but have been daunted by the size of the project, Selbuvotter mittens are for you. Discover the rich patterns associated with Scandinavian textiles by learning to knit the black and white, intricately patterned Selbuvotter mittens using the stranded knitting technique.

Selbu is located near Trondheim, Norway, where in the 1850s, a distinctive mitten and glove design developed. In this class, the student will be introduced to the tradition, choose a pattern and begin knitting a pair of these very beautiful Norwegian mittens. The mittens are knit in the round using small size double pointed needles.

These mittens make a great project for knitters of all skill levels. Students need to be able to cast on, bind off, knit and purl easily, and know how to increase and decrease stitches. The instructor will provide needles and yarn (if needed). Because time will be limited, our project will be child-size mittens.

length (days) 2 hours 9am-5pm  
tuition \$150 early bird tuition (6+ wks in advance) \$130  
materials \$17



## nuts & bolts

### e-news

Sign up for our monthly e-newsletter and stay up to date with all of the ins and outs at North House.

888-387-9762



The Cedar Hand Drum: Carving, Stretching & Drumming

## The Cedar Hand Drum: Carving, Stretching & Drumming

with Eric Mase

9/20/13-9/21/13

The timeless beat of the drum stems back to a time when we made our own music literally from the ground up. Before drum shops and before Putumayo, materials were hand-harvested from the forest to create wonderful sounds and were used to find rhythm in the world. In this course you will learn to carve a cedar hand drum from a hand-harvested log and then explore hand drumming patterns for lifelong skills with music. You will also work with softened rawhide as it is stretched to a desired tension and tone in the drum head. Although every drum will vary depending on the hand-harvested log, the finished drum will be approximately 9" in diameter and 8" in depth.

length (days) 1.5

hours Day 1: 9am-5pm Day 2: 9am-Noon

tuition \$160 early bird tuition (6+ wks in advance) \$150

materials \$45

## Turning Around a Simple Song: Songs and Stories with Larry Groce

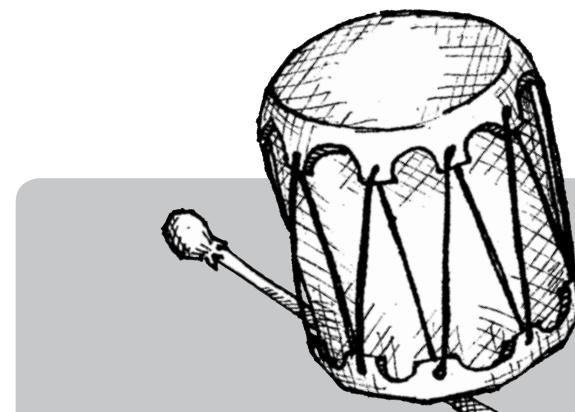
with Larry Groce

9/14/13

If a picture is worth a thousand words, a song is worth a thousand pictures... Often the hymn is more powerful than the sermon.' These are quotes from Larry Groce, who believes a handful of the right words set to a tuneful melody can express profound truth in three minutes. Groce, host of Mountain Stage, has listened to thousands of songs performed by hundreds of the most talented musicians in America and abroad for the past 30 years, and yet he remains fascinated with all that can be conveyed through a humble song. Join Larry for a wide-ranging conversation about the magic of music, featuring some of his favorite recordings from Mountain Stage.

length (days) 0.25 hours 10am-noon

tuition \$55 early bird tuition (6+ wks in advance) \$50



## music

The Cedar Hand Drum: Carving,  
Stretching & Drumming

Turning Around a Simple Song: Songs  
and Stories with Larry Groce

more details, more photos: [www.northhouse.org](http://www.northhouse.org)



Birch Bark Berry Basket: Workshop & Field Harvest

## march

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"thank  
you  
for another  
wondrous  
weekend!"

- from a student evaluation form

**NORTH HOUSE  
FOLK SCHOOL**  
**SPRING SUMMER**  
**FALL WINTER 2013**



Mushrooming

## Bird & Wildlife Photography

with David Brislance and Paul Sundberg

5/31/13

Join wildlife photographers David Brislance and Paul Sundberg for a day-long field class in bird and wildlife photography. You'll learn tips and tricks for capturing birds in flight, using tripods and getting those intimate close-ups. The course will start with a presentation and discussion of their work and approach to photographing birds and animals, as well as an overview of some of the useful options and settings available in digital cameras. Next, you'll head out of the classroom to photograph gulls and other birds in the harbor. After lunch, you'll carpool to David's homestead, where he routinely observes and photographs birds and other wildlife in the surrounding woods. Bring plenty of memory cards!

length (days) 1 hours 8am-4pm

tuition \$85 early bird tuition (6+ wks in advance) \$75

materials included



## Birding By Ear

with Ann Russ

5/31/13

Most birds are not known for sitting still. By learning to recognize their songs and calls and the habitats they live in, you can have a satisfying birding experience every time you step outdoors, with or without your binoculars! In this one day workshop we'll travel to various habitats and birding hotspots in Cook County, listening and watching for spring migrants. Ann will share tips and tricks for remembering bird songs. Bring your binoculars, but be prepared to listen to the birds.

length (days) 1 hours 7:00am-4pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials included

age with adult 14+

## Boreal Birding Workshop

with Bob Janssen

5/31/13-6/1/13

Spring in northeastern Minnesota is truly alive with life. After a winter of cold and white, there is a veritable explosion of all things feathered. The Boreal Birding Workshop is field focused, offering students a rare opportunity to immerse in this world and develop an appreciation for the wide range of bird species that thrive in the region's range of habitats. Utilizing shared van transportation that allows discussion between stops, students will explore many of the area's classic destinations (i.e. multiple state parks, the Susie Island overlook, High Falls, Oberg Mtn) and will emphasize both visual and voice identification skills. Typically 10-15 species of warbler, including Blackburnian and Black-Throated Blue Warblers, are recorded. Boxed lunches (included in materials fee) will also be provided both days to maximize flexibility in the field.



# northern ecology

## Bird & Wildlife Photography

## Birding By Ear

## Boreal Birding Workshop

## Dragonflies of the North Woods

## From the Deck: Lake Superior Shoreline

### Naturalist Tour: Afternoon Session

## Gardening for Butterflies and Other Pollinators

## Geology of Minnesota's Arrowhead – 2.5

### Billion Years of Earth History & Counting

## Geology of North Shore Eskers: In the Field

## Mushrooming

## North Shore Fall Migration (with Bob!)

## North Shore/Boreal Forest Birding

## Owl In A Night's Work: Evening Field Session

## Spring Birdsong Ensemble

## What's This Rock? Unraveling the Geologic Story of Minnesota's North Shore

## Wildflowers & Plants of Early Summer

Instructor Bob Janssen has been an active Minnesota birder for almost 60 years. He is also an author, award-winner and inspiring teacher. As time and weather allow, classroom sessions on northeastern Minnesota birds may be included. This course is part of the annual Northern Landscapes Festival.

length (days) 2

hours Day 1: 8am-4pm. Day2: 7am-4pm

tuition \$150 early bird tuition (6+ wks in advance) \$140

materials \$75 (includes van transport and two lunches)

age with adult 14+

## Dragonflies of the North Woods

with Kurt Mead

6/1/13

Dragonflies have been both revered and reviled by humans throughout the centuries. Until recently, it has been very difficult for the amateur naturalist to identify these beautiful predators, but with several regional field guides these insects can be identified by the beginner's eye. Come learn the basics of dragonfly biology and identification, followed by a field trip to a local dragonfly hotspot to net some of these winged jewels and learn field techniques. For the aspiring 'citizen-scientist', you'll get the training needed to participate in the newly-formed Minnesota Odonata Survey Project - a state-wide survey of dragonfly and damselfly distribution.

length (days) 1 hours 9am-5pm

tuition \$85 early bird tuition (6+ wks in advance) \$75

materials included

## From the Deck: Lake Superior

# Shoreline Naturalist Tour: Afternoon Session

with Ann Russ/Dave, Samantha and Stephanie Williams

6/1/13

8/10/13

9/7/13

Looking back at the coast from an ecological, historical and geological view is the goal of this outing as we head out on Lake Superior armed with binoculars and cameras, traveling to a remote rookery, eagle's nest or waterfall. This water-based workshop takes place aboard the charter boat "Fishin' Chicks," a 27' boat with twin engines, comfortable seating and a private bathroom below deck, to ensure a safe and comfortable learning platform. The determination of safe travel on Lake Superior will be made by the captain. With the Sawtooth Mountains and rugged shoreline as a backdrop, be sure to remember your camera!

length (days) 0.25 hours 3:30pm-5:30pm

tuition \$60 early bird tuition (6+ wks in advance) \$50

materials \$50 (charter boat fee)

## Gardening for Butterflies and other Pollinators

with Pat Thomas

6/1/13

Your yard, flower and vegetable gardens can attract butterflies and pollinators if you create the right habitat to support them. We'll focus on how to use native and northern-hardy plants and discuss other ways to make your yard and vegetable garden attractive and useful for these winged creatures. This class is suited for beginning or advanced gardeners. Use it to start a new garden or expand an existing one and watch how your produce yields increase. You'll be happy and so will these beautiful and fascinating pollinators.

length (days) 0.5 hours 1pm-4pm

tuition \$50 early bird tuition (6+ wks in advance) \$45  
materials included

## Geology of Minnesota's



Owl In A Night's Work: Evening Field Session

new

## Arrowhead: 2.5 Billion Years & Counting

with Jim Miller

8/22/13-8/25/13

Lace up some sturdy footwear and head into the field to immerse in the fascinating geology of the North Shore with expert geologist Jim Miller. Using only your powers of observation, we will "read" the rocks exposed along the Gunflint Trail and along the North Shore of Lake Superior to unravel the 2.5 billion year geological story of the Arrowhead of Minnesota. Each day of the course will feature classic North Shore destinations, including trips to the Canadian border, up the Gunflint Trail and down the shore to Temperance River & Cascade River state parks, as well as rock-hounding on the shore of Lake Superior. Time in the field will be supplemented with lecture and discussion of ancient seabeds torn asunder by tsunamis, red hot lava eruptions and mile-thick glaciers. You'll never see the North Shore the same way again.

length (days) 3.5 hours Day 1: 5-8pm, Day 2&3:

8am-5:30 pm, Day 4: 8am-2pm

tuition \$250 early bird tuition (6+ wks in advance) \$225

materials included age with adult 10+

## Geology of North Shore Eskers: In the Field

with JD Lehr

6/1/13

What is an esker, you inquire? You may not recognize them, but eskers are long deposits of sand and gravel criss-crossing the North, left from the last time a glacier rolled through the area. In this one day course, you'll learn about the glacial geology of Minnesota, focusing specifically on the glacial features seen along the North Shore. You'll learn to identify eskers from maps and aerial photographs, then spend the afternoon in the field visiting several sites of glacial geological interest in the Grand Marais area and up the Gunflint Trail. Instructor JD Lehr has spent years mapping and researching the glacial geology of Minnesota and knows the North Shore like, well, the back of his hand. Inquire no more: you'll be the geology expert on your next group excursion.

length (days) 1 hours 8am-4pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$5

## Mushrooming

with Mike McCall

8/25/13

9/1/13

9/8/13

Our parents always told us to stay away from them, but now you can spend an afternoon with "the" fungus expert and discover which mushrooms are safe, delicious, and easy to identify. This course is appropriate for all levels of mushroom hunters because the local climate and conditions change often enough to provide numerous opportunities for discovering and re-discovering the fungi of northern Minnesota. Bring a knife, a collecting basket and a mushroom guide, as a portion of the course is spent in the field collecting and identifying. You are encouraged to bring mushrooms from your local area for identification.

length (days) 0.5 hours 10am-3pm

tuition \$70 early bird tuition (6+ wks in advance) \$65

materials included

## North Shore Fall Migration



Geology of Minnesota's Arrowhead:  
2.5 Billion Years of Earth History & Counting

with Bob Janssen

9/6/13-9/7/13

Fall birding along Minnesota's North Shore is a time of tremendous transition. Migratory movement of numerous species occurs as many birds move along the shore to avoid crossing the Big Lake. In the eyes of instructor Bob Janssen, this is the time to witness migration at its best (height of warbler migration) on the North Shore and all across Minnesota. We'll explore this unique time of the birding year during this course, and with Bob's assistance you will investigate the migratory movement of birds throughout the region while also working to enhance your birding field skills. While all Minnesota bird species will be touched upon, the course will concentrate on northern/boreal bird species. Materials fee includes van transportation for the entire group to maximize opportunities for discussion during the field outings.

length (days) 2

hours Day 1: 7:30am-4pm; Day 2: 7:30am-4pm

tuition \$150 early bird tuition (6+ wks in advance) \$140

materials \$75 (includes van transport and two lunches)

age with adult 14+

## North Shore/Boreal Forest Birding

with John Hockema and Dave Bartkey

6/1/13-6/2/13

Each spring, the North Shore comes alive with birdsong as birds of every size participate in the season's dynamic cycle. This two-day workshop introduces participants to birding in the northern landscape, exploring several different habitat types along the North Shore and the inland boreal forest for migrating birds returning to their nesting grounds. We will especially focus on nesting warblers including the Black-Throated Blue Warbler, often spotted in this area of the North Shore. This course is part of the Northern Landscapes Festival, an opportunity to explore a wide variety of flora and fauna of the North Shore through a series of field-based courses. Your enrollment includes participation in the festival's Friday and Saturday evening programs.

length (days) 2

hours Day 1:8am-4pm, Day 2: 7am-2pm

tuition \$160 early bird tuition (6+ wks in advance) \$150

materials included

age with adult 12+

# Owl In A Night's Work: Evening Field Session

with Bill Lane

3/29/13

4/5/13

Each spring, Minnesota's north woods come alive with the songs and calls of several species of northern forest owls. For the past 26 years, Bill Lane has immersed himself in the nocturnal acoustical landscape, eager to document yet another "owl spring." "This will be an adventure of either arduous, or lazy proportions (come on winter!)," Lane says. "On an ideal night, we may visit courting owls and watch and listen as the cogs of owl reproduction whir to life. On a less than ideal night, you will be stuck with me for 5 hours" (Bill has extensive knowledge of the northern forest and is generally an entertaining guy, so it's not as bad as it may sound).

Participants are asked to be physically able to walk/snowshoe through deep snows, and to adapt to both the chill of night and the heat of physical exertion as they move with celerity towards singing owls. This is an opportunity for aesthetic overload and if you haven't experienced immersion in the night, there is no better opportunity for introduction.

length (days) 1 hours 5:30pm-11pm

tuition \$75 early bird tuition (6+ wks in advance) \$65  
materials included

## Spring Birdsong Ensemble

with Ann Russ

5/18/13

Spring is a wonderful time to experience the sounds, smells, and sights of the boreal forest. Not only are birds bursting forth with territorial songs, rivers are overflowing, the forest is flowering, and pungent smells abound. The aim of this workshop is to discover some of this delightful diversity, hone observation skills, and produce a creative musical ensemble response. During moderate morning hikes you'll learn to recognize birds by song, sight, and habitat, and explore other boreal spring delights. In the afternoon become part of a musical ensemble as we make a creative response to our morning observations using percussion instruments from around the world. All levels of experience are welcome.

length (days) 1 hours 7am-4pm

tuition \$75 early bird tuition (6+ wks in advance) \$65  
materials \$10  
age with adult 12+



Bird & Wildlife Photography



Gardening for Butterflies and other Pollinators

new

## What's This Rock? Unraveling the Geologic Story of Minnesota's North Shore

with Jim Miller

5/31/13-6/2/13

How many times have you walked along a cobbled beach or a rocky ledge along the North Shore and wondered: What's this rock? Where did it come from? Why is it here? And Lake Superior agates – What do they look like? Where do I find them? How do they form? This is your opportunity to not only have those questions answered by an expert on North Shore geology, but to also learn some basic observational tools that will help you identify many rocks along the shore and understand the story that they tell. After an introductory lecture on the first evening, the remainder of the course will be in the field along the North Shore. We will examine volcanic rocks that tell the dramatic story of spectacular lava eruptions that spilled across a vast barren landscape over one billion years ago. We will also investigate sediments and landforms created by enormous continental glaciers that have intermittently filled the Lake Superior basin over the past two million years.

length (days) 2.5

hours Day 1: 5-8pm Day 2: 9am-5pm Day 3: 9am-2pm  
tuition \$185 early bird tuition (6+ wks in advance) \$175  
materials included  
age with adult 10+

## Wildflowers & Plants of Early Summer

with Jim Gilbert

6/1/13-6/2/13

Wildflowers are an important part of our natural and cultural heritage, a heritage that provides colorful outdoor enjoyment and intriguing ecological perspectives. Of the 1,700 species of flowering plants that grow wild in Minnesota, about one-quarter might be considered wildflowers. What makes a wild plant a wildflower? It depends upon its appearance, where it grows, and who sees it. A rose is a rose unless you decide it's a weed. Both days of coursework start at North House and visit multiple destinations. We will hike to a variety of field sites to identify wildflowers, enjoy their beauty and discuss their importance in the natural environment. The emphasis will be on wildflowers, but we will identify and discuss other spring plants as well.

length (days) 2

hours Day 1: 1pm-5pm; Day 2: 11am-3pm  
tuition \$120 early bird tuition (6+ wks in advance) \$110  
materials \$5  
age with adult 12+



Sustainable Harvest of Birch Bark: Gather Your Own

# Bows and Arrows: Crafting a Traditional Longbow and Arrow Making

with Rick Yonker

8/1/13-8/3/13

This course takes students through the step-by-step process of crafting a wooden longbow, wooden-shafted arrow and bow string. To facilitate learning about constructing a traditional bow, students start with a rough-cut stave of hickory. Bows are backed with flax-fiber linen. Arrows include field point and feathers. String is made using the traditional Flemish twist technique. Throughout the course participants learn the basics of working wood with a drawknife, carpenter's scraper and other traditional hand tools. Class discussion includes design theory, different bow shapes, and the art of tillering a bow (getting it to bend correctly). As time and weather permit, students will practice shooting techniques.

length (days) 3 hours 9am-5pm

tuition \$270 early bird tuition (6+ wks in advance) \$255

materials \$260 age with adult 12+

## Craft of Birch Ski Making: Making Your Own Set

with Mark Hansen/Ian Andrus

1/9/14-1/12/14

Discover the secrets of the old Saami school of ski construction by crafting a custom pair of birch skis to meet your needs. In this course you'll learn about the origin of ski design, function and construction. We'll also cover topics such as wood grain, bending wood, types of bindings, and information related to use and handling of these ancient tools of transportation. Craft your own pair of skis custom-sized to your height, weight and intended use and prepare to enjoy the wintry wonderland of backcountry and ski trails outside your back door. Evening sessions may include films and discussions on the history and craft of ski making.

length (days) 3.5

hours Day 1: 5-9pm; Day 2-4: 9am-5pm

tuition \$350 early bird tuition (6+ wks in advance) \$335

materials Varies (approx. \$150-\$250)

# outdoor skills

## Bows and Arrows: Crafting a Traditional Longbow and Arrow Making

## Craft of Birch Ski Making: Making Your Own Set

## Entry Level Angling for Adults

## Firestarting & Cordage: Primitive Skills Workshop

## Fjord Horse Experience: Two-Hour "Pleasure Driving"

## Fly Casting Workshop

## Fly Fishing The North Shore

## Snowshoe Construction: Build Your Own

## Sustainable Harvest of Birch Bark: Gather Your Own

## Wilderness Skills



## Entry Level Angling for Adults

with Shawn Perich

5/18/13

Learn how to catch fish from North Shore lakes and streams in this hands-on class with local angling writer Shawn Perich. Students will receive a rod and reel outfit and a small tackle box of proven north country lures. Classroom instruction includes learning to use fishing tackle and basic fishing instruction in casting and techniques. In the afternoon, students will head to a local lake to practice what they've learned. Upon class completion, students will be competent with a fishing rod and know enough to go fishing on their own for walleye, bass, pike and trout.

length (days) 1 hours 9am-5pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$80 includes rod, reel, line and tackle

age with adult 16+



Craft of Birch Ski Making: Making Your Own Set

## Fjord Horse Experience: Two-Hour "Pleasure Driving"

with Philis Anderson

available daily 5/15/13-10/1/13

Enjoy a two-hour experience with Norwegian Fjord Horses, a unique breed of gentle horses, while learning the basics of pleasure driving a horse and cart. Selectively bred for more than 20 centuries, Norwegian Fjord Horses might best be described as short and stocky, friendly and versatile. Whether pulling boats along Scandinavia's fjords, working in farm fields, or pulling a cart to market, fjord horses were important partners for generations of farmers. Lessons begin in an outdoor arena and progress to beautiful trails through the quiet woods above Grand Marais. This experience is open to all, including those who would prefer simply to relax and take a pleasure drive with a team of fjord horses driven by the instructor. Up to four additional family members or friends are welcome to share in the cart/wagon ride pulled by these gentle giants, for an additional \$25 per person. Available most days May 15 to October 15, weather permitting.

length (days) 0.5

hours 10am to Noon or 2-4pm

tuition \$75 (\$25/for additional friend/family member)

materials included

age with adult 12+



Bows and Arrows: Crafting a Traditional Longbow and Arrow Making

## Fly Casting Workshop

with David Asproth/Reuben Swenson

5/26/13

Landing a fly gracefully on a quiet inland lake or gently on a rushing river is an experience everyone should have. In this workshop taught by David Asproth, a fly casting instructor certified by the Federation of Fly Fishers, you'll be introduced to the basic techniques of dropping a fly 50-60 feet out, as well as the fundamentals of roll-casting. The class ends on the water and you should be comfortable with the basics of fly casting by the end of the day. Casting from a float tube, a unique on-water experience, will also be covered and, weather depending, may be field-based. You are encouraged to bring your own gear. Equipment is available for rent from local outfitters. This is an ideal course for beginners new to fly casting, as well as experienced fly fishing enthusiasts looking to perfect their cast.

length (days) 1 hours 9am-5pm

tuition \$85 early bird tuition (6+ wks in advance) \$75

materials \$5 age with adult 14+

# Fly Fishing The North Shore

with David Asproth/Mike Hero/Rueben Svenson

7/11/13-7/14/13

The North Shore of Lake Superior provides some highly prized fly fishing opportunities--ranging from fly fishing the streams for native brook trout, steelhead and coasters, to fly fishing the inland lakes of the BWCAW for rainbow and lake trout, smallmouth bass and pike. This course is designed both for the beginner and the experienced fly fishing enthusiast. The student will learn proper equipment, knots, casting techniques, tactics for streams, and identifying fish food sources and matching them with flies. There will also be extensive instruction in the flies and tactics used in all still water fishing, as well as those specific to the North Shore. The course begins each day with a classroom session. The class then moves outdoors to apply the skills in a series of on-the-water field sessions on local "honey holes" where the students will usually catch trout. The course is designed not only to teach the skills necessary for fly fishing the North Shore, but to also provide a good foundation for fly fishing anywhere. Course materials provided by the instructors will include fly tippet, a sink tip head, backing, a leader, a dozen flies, and some other useful gear.

length (days) 4 hours 1pm-9:30pm

tuition \$395 early bird tuition (6+ wks in advance) \$380

materials \$95

age with adult 12+

## Snowshoe Construction: Build Your Own

with John Beltman

11/23/13-11/25/13

Carve, bend and lace your own pair of wooden ash snowshoes as this course explores the traditional Ojibwe style. Pointed at both ends, this snowshoe design is efficient for travel through both wooded areas or across frozen lakes and open expanses. You will steam bend and shape ash frames and mortise in crosspieces with simple hand tools. The class will learn traditional techniques for lacing their shoes using lightweight, hollowed nylon cord. Traditional bindings will also be provided and their uses will be covered in detail. For an additional cost, students may choose to lace their snowshoes with traditional rawhide. Course discussions include a variety of binding types and their application. The end result is a satisfying reflection of craftsmanship and skills handed down through the generations. Most students do not completely finish lacing in 3 days. Students who desire to spend more time completing the intricate lacework of both snowshoes may choose to register for an additional fourth day.

length (days) 3 hours 9am-5pm

tuition \$255 (additional \$75 for optional day 4)

early bird tuition (6+ weeks in advance) \$225

materials \$65 (additional \$75 for optional rawhide lacing)  
age with adult 14+

new

## Sustainable Harvest of Birch Bark: Gather Your Own

with Erik Simula

7/11/13-7/12/13

Heard of barking up the wrong tree? Well, the purpose of this class is debarking the tree right. Each day will be spent learning the proper harvest technique for the quintessential northern tree-- the paper birch. The course starts with a few hours indoors, but will primarily be spent in the woods getting to know tree bark and gaining harvesting experience. The ethics of bark harvest and how to acquire the proper permits for harvesting from public and private land will also be discussed.

length (days) 2 hours 9am-5pm

tuition \$170 early bird tuition (6+ wks in advance) \$150

materials \$20

age with adult 10+

new

## Wilderness Skills

with Erik Simula

9/20/13-9/22/13

This seasonal course covers traditional and modern equipment, techniques, and skills for increased outdoor appreciation, awareness, comfort, confidence, enjoyment, leadership, learning, proficiency, safety, travel and understanding of living in the outdoors. Course topics include: survival basics, campsite selection, communications, clothing, water, food, shelter, ropes and lashing, navigation, travel, trip planning, safety, first aid, wilderness medicine, evacuations, fire, wildfire safety and prevention, tools, flora and fauna, climate, weather and wilderness ethics. Daily activities include outdoor immersion, instructor demonstrations, group discussions, hands-on crafts, skills training, reflection, sharing, wildlife viewing, and wilderness travel.

length (days) 3 hours 9am-5pm

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials \$10

age with adult 10+



Fly Fishing the North Shore



Rosemaling: Shaded Telemark Style & Traditions

888-387-9762

## 72 HOURS: Grand Marais & Beyond: Fall Equinox Session

with Layne Kennedy  
10/2/13-10/6/13

72 HOURS is a unique opportunity to photograph and explore the pristine shores of Lake Superior with editorial photographer Layne Kennedy ([www.laynekenedy.com](http://www.laynekenedy.com)). The course is designed for the enthusiastic photographer, amateur or professional, with an emphasis on story-telling with your photography. At the conclusion of the workshop, each photographer will learn to edit and prepare up to 10 images for inclusion into a self-published book of all individual workshop stories. You will explore and photograph the scenic shores of Lake Superior, create portraits of local folks, photograph history of the region at the Fort at Grand Portage, point your lens at the iconic images that identify Grand Marais, and explore the pine-laden Superior National Forest near the picturesque community of Grand Marais. Participants will learn to "light-paint" in numerous situations, developing new techniques to enhance your personal photographic vision.

length (days) 5 hours Day 1: 6pm-9pm;  
Day 2-4: Sunrise to Sunset; Day 5: Sunrise to 11am  
tuition \$450 early bird tuition (6+ wks in advance) \$425  
materials included



# painting & photography painting

Gubrandsdal Rosemaling

Rosemaling: Shaded Telemark & Scene Painting

Rosemaling: Shaded Telemark Style & Traditions

Rosemaling: Valdres-Style  
photography

72 HOURS: Grand Marais & Beyond:  
Fall Equinox Session

72 HOURS:Grand Marais and Beyond:  
Summer Session

Capturing the Frozen Shore: Photo-  
graphing Lake Superior in Winter

October Skies: Night Photography  
Workshop

Wildflower Photography

## 72 HOURS: Grand Marais & Beyond: Summer Session

with Layne Kennedy  
7/24/13-7/28/13

72 HOURS is a unique opportunity to photograph and explore the pristine shores of Lake Superior with editorial photographer Layne Kennedy ([www.laynekenedy.com](http://www.laynekenedy.com)). The course is designed for the enthusiastic photographer, amateur or professional, with an emphasis on story-telling with your photography. At the conclusion of the workshop, each photographer will learn to edit and prepare up to 10 images for inclusion into a self-published book of all individual workshop stories. You will explore and photograph the scenic shores of Lake Superior, create portraits of local folks, photograph history of the region at the Fort at Grand Portage, point your lens at the iconic images that identify Grand Marais, and explore the pine-laden Superior National Forest near the picturesque community of Grand Marais. Participants will learn to "light-paint" in numerous situations, developing new techniques to enhance your personal photographic vision.

length (days) 5 hours Day 1: 6pm-9pm;  
Day 2-4: Sunrise to 5pm; Day 5: Sunrise to 11am  
tuition \$450 early bird tuition (6+ wks in advance) \$425  
materials included

## Capturing the Frozen Shore: Photographing Lake Superior in Winter

with Bryan Hansel  
3/8/13-3/9/13

On the north shore, Lake Superior first begins to freeze in March. Waves and wind push the ice against the shore where it piles up into infinite shapes and shades of blue. Combining the unique ice features with winter sea smoke, which rises off Superior only during the winter months, open water, and the sun, makes for one-of-a-kind images. Join instructor Bryan Hansel for a photography workshop along Superior's frozen shoreline. Participants should bring a digital camera, preferably a DSLR, extra batteries, memory cards, a laptop, a sturdy tripod and snowshoes.

length (days) 1.5  
hours Day 1: 5-8 pm; Day 2: sunrise-5 pm  
tuition \$145 early bird tuition (6+ wks in advance) \$135  
materials included  
age with adult 14+

## Gubrandsdal Rosemaling

with Judy Ritger  
8/19/13-8/21/13

This beautiful style of rosemaling (traditional Norwegian painting) originated in the Gubrandsdal valley of Norway. Modeled after the look of the acanthus-style wood carving the valley is also known for, Gubrandsdal rosemaling reflects the three-dimensional appearance of acanthus leaves. Students will practice the basic strokes of the style, and then move to a 12" round design that will fit on a plate or other surface of their choice. This is a fairly challenging style of rosemaling, so it is recommended that students be at an intermediate skill level in other styles before taking this class (see Valdres or Telemark styles offered at North House). Students who would like additional practice can sign up for an optional 4th day for an additional \$50 tuition.

length (days) 3 hours 9am-5pm  
tuition \$255 early bird tuition (6+ wks in advance) \$225  
additional 4th day available @ \$50  
materials included

## October Skies: Night Photography Workshop

with Bryan Hansel  
10/26/13-10/27/13

When you combine the autumn nights, the north shore of Lake Superior and a passion for photography, something interesting and beautiful is bound to happen. In this course, you'll join photography instructor Bryan Hansel in the darkness to capture images of star trails and the moon over Lake Superior. During the night we'll also experiment with spinning flaming steel wool, light painting and making light orbs with LED lights. The course starts with a presentation and then heads out into the field after twilight and stays out until after midnight. We'll meet up mid-morning the next day for an image review session. It's certain to be an unforgettable experience.

length (days) 1.5  
hours Day 1: 5pm- 1 am; Day 2: 10 am-1 pm  
tuition \$145 early bird tuition (6+ wks in advance) \$135  
materials included

## Rosemaling: Shaded Telemark & Scene Painting

with Mary Schliep/Kim Garrett

9/6/13-9/8/13

Rosemaling is a decorative painting style which originated in Norway where it traditionally decorated churches, homes and farmhouse interiors. In recent years, artists have been inspired to use this style of painting to capture Scandinavian scenes. In this class, students can begin (or continue) learning the telemark style of rose maling or combine rose maling with more modern scene painting. Oil and acrylic paints will both be used for different parts of the project. Appropriate for beginners and continuing students, this a fun experience combining traditional craft with modern interests. Students interested in building an even more solid base of skills are encouraged to register for the optional fourth day of instruction for \$50.

length (days) 3 hours 9am-5pm  
tuition \$255 additional 4th day available \$50  
early bird tuition (6+ weeks in advance) \$225  
materials \$10 age with adult 15+

## Rosemaling: Shaded Telemark Style & Traditions

with Mary Schliep  
5/24/13-5/27/13

Rosemaling means "rose painting" in Norwegian, and the Telemark region in southeastern Norway is known for the classic look of its painting with asymmetrical scrolls and varied placement of leaves and flowers. In this course you'll study and practice basic techniques of this traditional decorative painting style. You will decorate a plate and then apply the same techniques to the creation of Christmas ornaments. Plenty of one-on-one instruction is provided. Students interested in building a solid base of skills are encouraged to register for the optional fourth day of instruction for \$50.

length (days) 3 hours 9am-5pm  
tuition \$255 Optional 4th Day \$50 additional  
early bird tuition (6+ weeks in advance) \$225  
materials \$10 age with adult 15+

## Rosemaling: Valdres-Style

with Mary Schliep/Kim Garrett

10/11/13-10/13/13

Rosemaling is a decorative painting style which originated in Norway where it traditionally decorated churches, homes and farmhouse interiors. The Valdres style of rosemaling originated in the Valdres valley and is known for its strong floral motif. This course emphasizes the basic techniques of painting these traditional floral bouquets. You will apply your skills to decorating a plate and a Christmas tree ornament. Students interested in building an even more solid base of skills are encouraged to register for the optional fourth day of instruction for \$50.

length (days) 3 hours 9am-5pm  
tuition \$255 Optional 4th day: \$50 additional  
early bird tuition (6+ weeks in advance) \$225  
materials \$10 age with adult 15+

## Wildflower Photography

with Bryan Hansel

6/14/13-6/15/13

Wild strawberry, wood anemone, bunchberry, hawkweed, blue flag iris and lupine are a few of the many flowers blooming in the northwoods during June. The boreal forest feels vibrant with green, and although you can't capture smells in photos, the woods smells of pine sap. It's the perfect time to spend a day in the woods capturing photos of flowers. During the workshop, professional photographer Bryan Hansel teaches techniques for taking your macro images from a simple picture of a flower to dreamy fine art while emphasizing the emotion of discovery. Participants should bring a digital camera, a macro lens, memory cards and extra batteries.

length (days) 1.5  
hours Day 1: 5pm-8 pm; Day 2: sunrise-5 pm  
tuition \$145 early bird tuition (6+ wks in advance) \$135  
materials included  
age with adult 10+



72 HOURS:Grand Marais and Beyond: Summer Session

more details, more photos: [www.northhouse.org](http://www.northhouse.org)



Sail Training: Harbor-Based

## Craft of Sail

with Matt Thomas

6/20/13

7/30/13

Spend a day on Lake Superior aboard the Hjørdis, a traditional gaff-rigged 50' schooner, learning the craft of sail. This course offers the student a full day of hands-on experience learning points of sail, seamanship, rope-work, sailing terminology and boat handling technique. As a floating classroom, the Hjørdis is a relaxed learning environment offering a variety of skills to be gained by an interested sailor. The sailing experience will be determined by weather and varying lake conditions. No prior experience is necessary, just a willingness to learn and have an enjoyable sail.

length (days) 1 hours 9am-4:30 pm  
tuition \$160 early bird tuition (6+ wks in advance) \$150  
materials included

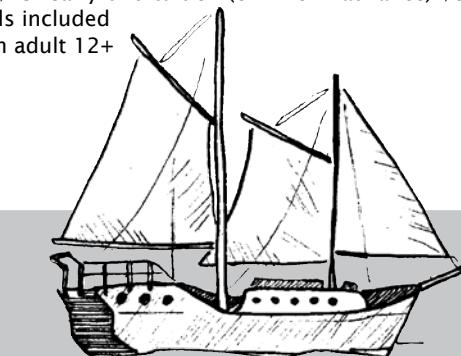
## Lake Superior Coastal Navigation: Traditional and Electronic Methods

with Ted Gephart

12/7/13

Get yourself oriented to the 'rules of the road' and learn the basic navigational skills needed for safe boating on coastal waters from certified U.S. Coast Guard instructor Ted Gephart. This classroom-based course covers safe boating topics that apply to any boater including both power and sail. You'll learn to use charting methods including traditional methods such as dead reckoning and modern methods using GPS and radar. This course is great for new boat owners of all types as well as experienced boaters wishing to refresh their navigational skills.

length (days) 1 hours 9am-4:30pm  
tuition \$75 early bird tuition (6+ wks in advance) \$65  
materials included  
age with adult 12+



# sailing

## Craft of Sail

## Lake Superior Coastal Navigation: Traditional and Electronic Methods

## Ropework: Knot Tying Workshop

## Sail Training Trip: Grand Marais to Knife River (via the Apostle Islands National Lakeshore)

## Sail Training Trip: Isle Royale Circum- navigation

## Sail Training: Harbor-Based

888-387-9762



Sail Training: Harbor-Based

### Ropework: Knot Tying Workshop

*with Ted Gephart*

6/21/13

Can you tie down that canoe? Lash up those sails? Throw a half hitch around the docking lines? Spend the day learning the craft of knot work and open the door to an indispensable skill that will last a lifetime. This course begins by introducing landlubbers and sailors to rope work used aboard traditional and modern vessels, and progresses to learning the 15 knots everyone needs to know. You will learn to tie whippings, bends, hitches, lashings and splices...and what to do the next time someone asks you to show them your bowline.

length (days) 1 hours 9am-4pm

tuition \$85 early bird tuition (6+ wks in advance) \$75  
materials \$15 age with adult 8+

### Sail Training Trip: Grand Marais to Knife River (via the Apostle Islands National Lakeshore)

*with Mark & Katya Gordon*

6/26/13-6/30/13

Join us for an adventurous sail training expedition that combines the rigors of offshore sailing with the more tranquil waters of the Apostle Islands National Lakeshore. The trip will begin at the North House Folk School dock as we prepare for the 46 mile, open water crossing to the Apostle Islands. During the crossing you will have the opportunity to participate in all aspects of sailing Amicus II - from sail handling to steering to offshore navigation. Once in the Apostle Islands, we will enjoy the beaches and explore the islands and then prepare for the 37 mile crossing to Knife River. During this leg you will learn about anchoring, coastal navigation and chart reading. If all goes according to plan, we will spend the first night at the North House Folk School Dock, three nights in the Apostle Islands and cross to Knife River on the last day. Limited to four students - discounts for a group of four. Tuition includes food and lodging throughout the course. Separate tuition payment & cancellation policies apply to this course.

length (days) 5 hours Day 1: start at 5 pm,

Day 5: arrive in Knife River at 5 pm

tuition \$650 includes all meals and lodging

early bird tuition (6+ weeks in advance) \$600

materials included age with adult 13+ at full price

new

### Sail Training Trip: Isle Royale Circumnavigation

*with Mark & Katya Gordon*

6/16/13-6/25/13

In the northwestern portion of Lake Superior is a unique and remote island archipelago. Isle Royale National Park preserves 132,018 acres of land that were federally designated as wilderness on October 20, 1976. The park consists of one large island surrounded by over 450 smaller islands, located in the largest fresh water lake in the world. Isle Royale's unique ecosystem led to it being designated an International Biosphere Reserve in 1980. Set sail for an adventure that only miles of wilderness, a seaworthy sailboat, and a seasoned captain can provide. NHFS is partnering with Amicus Adventure Sailing to provide a 10-day circumnavigation of Isle Royale. The island provides an ideal setting to bring you into a world without cell phones and other modern "conveniences." The hundreds of secluded bays and inlets around Isle Royale are ideal for exploring from a sailboat, and we will also bring two kayaks and a rowing dinghy for exploring the bays and streams around our anchorages and accessing the hundreds of miles of hiking trails that lace the island. Bring your sense of adventure and get ready to discover one of Lake Superior's most precious gems as we sail, kayak and hike our way around Isle Royale National Park.

As a participant you will have the total sailing experience: from sail handling to navigation and anchoring you will have the opportunity to participate in all aspects sailing and cruising Amicus II. There will be plenty of time for hiking the trails and exploring the bays and streams by kayak and dinghy. Discussion topics throughout the trip include the unique eco-system of Isle Royale, the biology and geology of Lake Superior, fish and exotic species, and the rich history of the island.

By the end of this adventure you will have developed a new appreciation for the lake, formed a unique bond with your shipmates, and gained some incredible sailing experience. This course is open to children (ages 13+) but the tuition rate is the same as adults. Maximum group size is four, discounted rate for groups of 4.

length (days) 10 hours Day 1: 5pm start; Final Day:

5pm finish

tuition \$1550 \$1550-\$2100 single berth; \$3300-\$3800 shared

early bird tuition (6+ weeks in advance) \$1550

materials included age with adult 13+ at full price

### Sail Training: Harbor-Based

*with Matt Thomas*

8/23/13-8/24/13

Raise a sail, drop an anchor, plot a course, make an eye splice and take command of our 50' gaff-rigged schooner, Hjordis. Minds and hands will be kept busy as we set sail on Lake Superior applying classroom theory and practical experience. This class will help develop the skills it takes to be confident and competent on the largest of inland seas. Aspects from age-old wisdom to modern techniques will all be covered including navigation, rope work, points of sail, rigging, GPS, boat handling, weather forecasting, heavy weather sailing, rules of the road and sail theory. Participants may utilize local lodging or inquire about accommodations aboard Hjordis. Maximum class size is six participants.

length (days) 2 hours 9am-5pm

tuition \$300 early bird tuition (6+ wks in advance) \$280

materials included

# daily sails

### Lake Superior Schooner Adventure: Two-hour Sail

*Memorial Weekend through September*

**Departure times - 9am; 11 am; 1 pm; 3 pm & 5pm**

Set sail on Lake Superior aboard Grand Marais' signature boat, the Hjordis - a 50' traditionally rigged schooner. Your two-hour sailing adventure includes an introduction to the craft of sail and, as opportunities arise, a colorful look at the ecology, geology, and history of Lake Superior. The two-hour sail begins with a tour of the Grand Marais Harbor and, as conditions permit, a journey past the lighthouse and onto the largest freshwater lake in the world - Lake Superior. Your sailing experience may include views of the Sawtooth Mountains along the North Shore or nearby commercial fishing nets set up to 200 feet deep. Sails most days of the week from Memorial Day weekend through September. Call for reservations - six passenger maximum. Some sailing times may vary by month - call to confirm departure availability.

**Cost - \$45 for adults/\$35 for children under 12  
All 9 am sails are \$35 per person**

### Sunset Over The Sawtooths Sail

*July through September*

**Departure 1 hour before sunset**

Hop aboard the Hjordis as she sets sail at dusk, capturing the spectacular sunsets on the North Shore of Lake Superior. As the sun creeps behind the Sawtooth Mountain range in the west, you will enjoy the 'red' skies over the Sawtooth Mountain range along the shore. As the sun sets, a feast of rising stars is a dazzling experience not to be missed. Starting times vary depending on the time of sunset - call ahead.

**Cost - \$55 for adults and children**

### Superior Full Moon Sail

*July through August*

**Departure times - dusk**

Set sail aboard the Hjordis at dusk and witness the full moon rising over Lake Superior. Get mystified by moonshadows and learn more about lunar cycles and 'tides' on Lake Superior. Enjoy the rising stars as they make their way across the sky. Starting times and dates vary depending on time of moonrise - call ahead. Sails are scheduled the evening before, after and the actual full moon dates.

**Cost - \$55 for adults and children**





Build Thoreau's Cabin

## Build Thoreau's Cabin

with Randy Schnobrich

5/22/13-5/26/13

Pick up your hammer! This course is designed for students with little or no building experience who want to build a small cabin or workshop. The techniques for building a small frame building are not only for the skilled carpenter; nearly anyone can come away from this course with the skills needed for building virtually any small structure. Jack studs to joists, fly rafters to d-edge, birds' mouths to top plates -- students will learn the use of basic hand and power tools, and develop knowledge of the materials and techniques used in frame or "stick" construction. Together, students will construct a 10' x 14' cabin based on Henry David Thoreau's "Walden" cabin, with an added sleeping loft.

length (days) 5 hours 9am-5pm

tuition \$400 early bird tuition (6+ wks in advance) \$375

materials included

## Dovetail Log Cabin: Builder's Workshop

with Lonnie Dupre

5/23/13-5/26/13

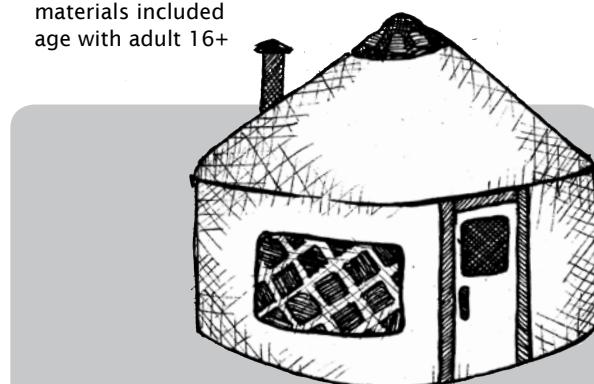
Want to learn the classic dovetail log home construction technique, also known as American heritage or Appalachian log homes? This course provides the opportunity for students to learn by constructing an 8'x8' shelter with a 4' porch out of 4"x8" pine timbers from foundation to roof, including window and door placement and framing, that can be outfitted as a small guest cabin or sauna. This course will begin with discussions on building strategies and foundations, a site visit to a finished dovetail cabin in Cook County, hands-on application of dovetailing and milling timbers, a how-to-chink session and techniques for cutting in and framing doors and windows. Whether you're a potential do-it-yourself home or cabin builder, or an experienced contractor looking to expand your skill set, this workshop covers all the techniques to get you on your way to a successful building project.

length (days) 4 hours 9am-5pm

tuition \$360 early bird tuition (6+ wks in advance) \$340

materials included

age with adult 16+



# shelter

## Build Thoreau's Cabin

## Dovetail Log Cabin: Builder's Workshop

## Dovetail Log Sauna or Cabin: Build Your Own

## Yurt Building: Design and Construction



Yurt Building: Design and Construction

## Dovetail Log Sauna or Cabin: Build Your Own

with Lonnie Dupre

4/25/13-4/28/13

Traditional dovetail log homes, also known as American heritage and Appalachian log homes in the United States, began to emerge in the 1700s as a sturdy abode of our ancestors. The walls were traditionally made of logs hand hewn into square timbers (sizes varied based upon logs available) and joined at the corners with a weather-resistant half-dovetail notch. This authentic design allows the weight of the building to pull the timbers tightly together for stout, tight joinery. The spaces between the timbers back then were filled with an array of clay, mortar, moss or oakum. Today's construction includes varied thicknesses of timbers, foam backing rod for filler, and flexible latex chinking. The rustic dovetail joinery and white pine timbers are reflective of the quality construction of those bygone days.

This Build Your Own option allows you and your friends/family the option to build your own 8' x 8' white pine dovetail sauna or writer's cabin, including a 4' porch OR the northwoods retreat cabin, a 10'x16' dovetail cabin. Tuition covers instruction, 4"x8" white pine timbers, and use of specialized dovetail framing tools. The shelter may be built by individual students, however, working with multiple partners (up to 6) on the project is welcome and encouraged.

length (days) see below hours 9am-5pm

· Sauna or Writer's Cabin:

8' x 8' (with a 4' porch) - \$4,070: 4 days

· Northwoods Retreat Cabin:

10' x 16' - \$7,250: 6 days

## Yurt Building: Design and Construction

with Matthew Brown/Ian Andrus/Jim Ouray

6/6/13-6/9/13

Whether you're looking for a spare bedroom, office, studio, tent, sauna, summer cabin, or just looking to reduce your footprint, the Yurt may be your answer. Yurts are ancient, portable shelters and one of the classic inventions of human history: simple, efficient, easy to heat, sturdy, and beautiful inside and out. In this course, students will work together to build a 14' diameter yurt, and will cover the basic principles of yurt design and construction. This includes constructing the wooden framework and stitching the fabric cover, building the rafter ring, windows, door options, a stovepipe thimble, and carrying bags. When completed, students will have the experience and skills necessary to construct a yurt of their own. The team of instructors and small class size ensures that each student will get hands-on experience with all parts of the process. Once built, the yurt will be for sale to interested students at a set price (a raffle will take place on the final day if multiple students are interested).

length (days) 4 hours 9am-5pm  
tuition \$380 early bird tuition (6+ wks in advance) \$360  
materials included

“i didn’t  
feel  
intimidated  
about  
being a  
beginner  
amongst  
more  
experienced  
students.”

- from a student evaluation form



Natural Botanicals: Wild Medicine Workshop

new

## Building Communities that Last

with Dmitry Orlov

5/4/13

The greatest challenge for any intentional community is to exceed the lifespan of a single generation, that of the founders. Young people inevitably become restless and leave; older people fall out with each other, go through divorces and separations, and such events can disrupt a small community beyond repair. The solution is to form not just one community but a network of them, so that people, especially young people, can move between them in search of friends, mates and new experiences. Join *Northern Sustainability* featured speaker, Dmitry Orlov, for a seminar that will explore a variety of organizing principles that can be brought to bear in creating viable networks of communities that, perhaps not separately but together, have the vitality to go on for many generations.

length (days) .5 hours 9am-noon  
tuition \$50 early bird tuition (6+ wks in advance) \$45  
materials included



sustainable  
living

Building Communities that Last

Clean-it-Yourself: Making Sustainable  
Soaps

Grafting & Growing Your Own  
Apple Orchard

Green Medicines

Herbal Healthcare for Winter

Herbalism Apprentice: Beginner's Botani-  
cal Medicine, Self Care to Community

Natural Botanicals: Wild Medicine  
Workshop

Sailing Away From Fossil Fuels

new

## Clean-it-Yourself: Making Sustainable Soaps

with Jeanne Wright

5/3/13

Grandma can teach us a lot about sustainable living. The skill of making your own soap was a matter of practicality and resourcefulness, and there's no reason we can't do the same in this day and age. In this class we will explore how to make soap for everyday use from everyday products – the ol' fashioned way – by hand. Learn how to make gentle, natural soaps, and explore the history and science of this cleanser using the same ingredients Grandma used, lye and animal fat. You will make at least two varieties of soap to take home, and we will also discuss other natural products that can be used as cleansers. There will be plenty of information and resources available for you to continue making your own soap and sustainable choices at home.

length (days) 0.5 hours 1pm-5pm

tuition \$55 early bird tuition (6+ wks in advance) \$50

materials \$12

## Grafting & Growing Your Own Apple Orchard

with Lindsay Lee

3/9/13

Grafting fruit trees is a craft that dates to 2000 B.C. and was commonplace among the ancient Greeks. Yet today, precious few gardeners practice grafting in their own orchards. Learn how simple this useful skill really is and use it at home to enlarge your orchard, collect antique varieties, or to give an old tree new life. Students will learn about various methods of grafting and will complete up to five grafted trees to take home with them. Bring your own scion cuttings if you'd like, or the instructor will have several choices on hand from the heritage orchard at the Seed Savers Exchange in Decorah, Iowa (cost is included in your materials fee). The second half of this day will be spent with a discussion of apple culture, covering planting, pruning, and pest control. Then we'll put a smooth finish on the day with a bit of cider tasting. Grafting your own orchard is one of the most rewarding undertakings a homesteader can do.

length (days) 1 hours 9am-4 pm

tuition \$75 early bird tuition (6+ wks in advance) \$70

materials \$35

age with adult 14+

## Green Medicines

with Gigi Stafne

5/4/13

This course could also be called "down to the ground medicine." When what was once considered an alternative is being recognized as true tradition, a certain shift is happening! Earth medicines from wild edibles to green salves and spring tonics will be introduced and explored through hands-on opportunities for making teas, restorative recipes and herbal remedies. Each student will learn to identify the plants within their own ecosystem to restore sustainability and simplicity in life and home.

length (days) 1 hours 9am-5pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$20 age with adult 14+



## nuts & bolts

### volunteering

We love our volunteers!  
Opportunities are endless,  
from events to painting  
projects. Just let us know  
how you'd like to pitch in!

## Herbal Healthcare for Winter

with Gigi Stafne

11/16/13-11/17/13

Discover holistic ways to deal with the chills and ills that accompany Old Man Winter and help ease discomforts associated with the common cold. Boost and build your immunity...naturally. Learn about preparatory winter nutrition and cleansing/detoxifying your body. There will be hands-on opportunities for making teas, restorative recipes and herbal remedies as well as tips on learning to listen to your body to determine what it needs. Get ready before the snow flies and go home well-prepared and stocked for the coming winter season.

length (days) 2 hours 9am - 4pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$20

age with adult 14+

## Herbalism Apprentice: Beginner's Botanical Medicine, Self Care to Community

with Gigi Stafne

10/11/13-10/13/13

Desire to be more self-sustainable with your health care and home? Dipped your toes into the deep waters of herbalism, and ready to learn more? Combine the intuitive art and solid science of botanical medicine, apprenticeship with a Master Herbalist for an intensive weekend. Core components include: foundations in natural & botanical medicine, cross cultural herbalism, herbs for the life cycle, top twenty herbs in North America, botanicals not only for physical health, but for contemporary life stressors such as stress, anxiety, depression, and environmental factors. Learn to create your own herbal apothecary and take home handcrafted preparations including teas, tinctures, lotions, oils and flower essences. This course is a special offering certificate level; a strong pathway and prerequisite for those who desire to pursue a future degree in Master of Herbalism.

length (days) 3 hours 9am-5pm

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials \$45

age with adult 14+

## Natural Botanicals: Wild Medicine Workshop

with Gigi Stafne

7/13/13-7/14/13

Explore nature-based green medicines in this intensive botanical class. You'll discover a bounty of foods and plants to use during the seasons and cycles of plant life to create your very own natural medicine kit, including over 30 botanical and herbal mixes and applications. The course tailors to individual needs as we investigate specific applications of green medicines that resonate with your body type. Learn how the solar and lunar cycles affect optimal wellness and craft herbal blends for cleansing and detox purposes useful in the sauna or during meditation. Both wild and cultivated plants will be covered.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$40

age with adult 14+

## Sailing Away From Fossil Fuels

with Dmitry Orlov

5/3/13

Since the Age of Sail ended some 100 years ago, sailing has been relegated to sport and recreation. However, sail-based transport will remain the only large-scale preindustrial form of large-scale, long-distance transportation available to us once fossil fuels are no longer available. Sailing ships will be the only way to tie the world together. In the meantime, life on the water remains the lifestyle of choice for many people, and their numbers will grow out of necessity as rising ocean levels and extreme weather events brought on by rapid climate change continue to inundate and rearrange the coastlines, along which much of the world's population lives. Join Northern Sustainability featured speaker, Dmitry Orlov, for a fascinating seminar that will explore the present and the future of sail, and of water transportation in general, from many different angles.

length (days) 0.5 hours 9am-noon

tuition \$50 early bird tuition (6+ wks in advance) \$45

materials included

"too many  
good  
experiences  
to recall  
or itemize—  
my brain  
is full!"

- from a student evaluation form



Basic Timber Framing

## Basic Timber Framing

with Peter Henrikson

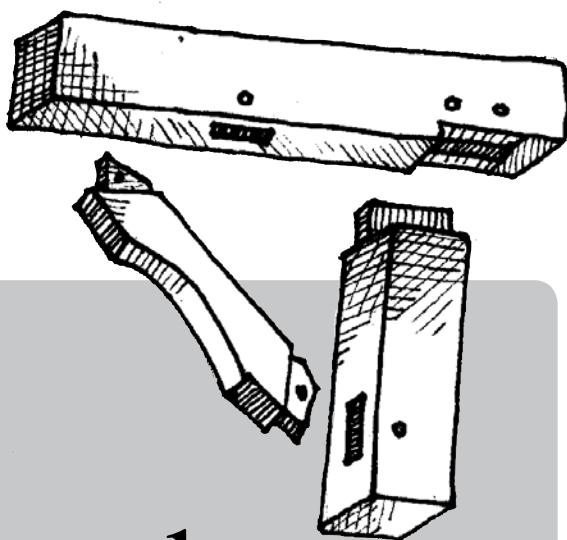
6/13/13-6/17/13

Learn the planning, layout and joinery necessary to construct a traditional timber frame (post and beam) structure, such as North House's blacksmith shop, bread oven shelter, fish house classroom and other structures around campus. The course begins with the basic mortise and tenon joint, and then expands on these techniques to cover through-tenons, shouldered mortises and scarf-joinery. In both thorough classroom sessions and hands-on experience, you will explore the use of traditional tools and techniques of timber framing as well as adaptations using common and specialized modern tools. We will also discuss foundations, enclosing the frame, wiring and plumbing issues, and basic frame and joinery design. The course culminates with the raising of a full-sized timber frame completed by the group on the final day of class.

length (days) 5 hours 9am-5pm

tuition \$450 early bird tuition (6+ wks in advance) \$425

materials \$30



# timber framing

build your own

Timber Frame: Build Your Own, Larger  
Frames

Timber Frame: Build Your Own, Smaller  
Frames (Tiny Home, Sauna or Out-  
building)

learn the techniques

Basic Timber Framing

Timbered 'Red' Entryway: Handcut  
Joinery Service Learning Project

## Timber Frame:

## Build Your Own, Larger Frames

with Peter Henrikson

5/7/13-5/18/13

8/15/13-8/26/13

This course offers students the opportunity to immerse fully in the craft of timber framing by building a larger and/or a custom-designed timber frame structure. Whether creating a getaway cabin, woodshop or retirement home, the beauty and durability of a timber frame structure offers a unique opportunity to literally build your own home.

To participate in this course, students select from a list of stock full-sized frames or custom design a building to meet their individual needs. To make the larger projects possible, students also recruit a group of assistants who journey to North House together to participate in the project. Interested students will consult with the instructor to determine scheduling and project timeline.

During the first days of class, participants engage in lessons on timber frame terminology, joinery and layout. Working together, the group of family or friends actively cut timbers for the structure every day. Ultimately, students complete all or most of the joinery on the structure and develop timber framing skills that will last a lifetime. Near the completion of the course, a raising rehearsal demonstrates pre-assembly and raising techniques.

Students may choose from a variety of base/stock frame of different sizes or may develop their own custom frame. Every project includes a complete set of timber frame plans. The plan set includes 3-D and 2-D views of the frame, detailed drawings with a 3-D view of each timber as well as a timber list. Tuition and course length varies depending on frame and group size (minimum six participants).

Some prior exposure to timber framing is recommended but not required. Custom course dates are created for each project and each group of students. Given this, advance planning and scheduling is essential. Separate tuition payment & cancellation policies apply to this course.

length (days) 10 or more hours 9am-5pm

· 16'x24' with loft - approx. \$9,750

· 28'x24' with loft - approx. \$12,500

· custom frames - tuition and design fees vary based on project

\*Options for Forest Stewardship Council certified timbers or reclaimed timbers are available, please request more information



Timbered 'Red' Entryway:

Handcut Joinery Service Learning Project

# Timber Frame: Build Your Own, Smaller Frames

with Peter Henrikson  
7/13/13-7/21/13

Tired of unimaginative, small outbuilding kits available from your local lumberyard? Explore all the basic elements of timber frame construction and take home a hand-crafted building. More than 100 timber frame buildings have been built and raised throughout the country by North House students since 1997.

During the first days of class, participants engage in interspersed lessons on timber frame terminology, joinery and layout. As the course progresses, each day prioritizes students actively cutting timbers for their structure.

Ultimately, students complete all or most of the joinery on the structure and develop timber framing skills that will last a lifetime. Near the completion of the course, a raising rehearsal demonstrates pre-assembly and raising techniques. All that's left is to load the timbers into a truck or trailer and then raise the building at home.

The Build Your Own course emphasizes smaller timber frame structures that can be completed in a single session (for larger frames see Timber Frame: Build Your Own Larger Frames). Students may choose from a variety of different stock frames that vary in size. Tuition and course length varies depending on the frame selected. Students may work alone or with a partner.

Tuition covers instruction and all materials, including timbers and pegs, as well as use of specialized timber framing tools. Traditional and modern tools will be used and/or demonstrated during the course. The frames listed above are often completed by individual students; however, working with a partner on the project is recommended for the larger projects. Plans are provided for all of the standard North House frames. Separate tuition payment & cancellation policies apply to this course.

length (days) varies, see below    hours 9am-5pm

- 10'x12' - 7 days - \$1,995
- 10'x16' - 9 days - \$2,495
- 13'x13' Sauna - 14 days -\$3,595 (assistant required)

\*Options for Forest Stewardship Council certified timbers or reclaimed timbers are available, please request more information

## Timbered 'Red' Entryway: Handcut Joinery Service Learning Project

with Peter Henrikson  
4/18/13-4/21/13

Sharpen your chisel and get out your auger bits - this Service Learning Project is for timber framing enthusiasts aspiring to polish up their hand skills working timbers. On the agenda: cutting timbers for new covered front entryways on the Red Building. Given the unique and highly visible location on campus, we want the project to both tell the story of timber framing and underscore North House's commitment to handcraft. Anticipate using traditional timber framing tools including cutting with hand saws, mortising with beam drills, utilizing slicks and chisels, etc. Sharpen your tools, pack your tool bag and be part of North House's 'Raise the Roof' efforts, helping make campus an ever-more inspiring place to learn! Past North House timber framing students and other experienced woodworkers with timber framing aspirations are urged to participate. The frames will be raised the last day of the class.

length (days) 4    hours 9am-5pm  
tuition \$100 includes lunch each day  
materials included age with adult 16+



Woodblock Printmaking

## Complete Seed Saving

with Grant Olson  
4/19/13-4/20/13

In the days before seed catalogs, collecting and saving seeds for the next year's garden was essential. Today, seed saving plays a critical role in preserving rare, heirloom varieties and the garden heritage they represent. Join Seed Savers Exchange to discuss the complete process of seed saving - from garden planning to seed processing - and learn how to participate in this backyard preservation. We will explore plant pollination, plan our home gardens, investigate differences between open-pollinated and hybrid seed, practice threshing, winnowing, and fermenting seeds, and build our own seed screens for processing and drying. Seed swap to follow.

length (days) 1.5

hours Day 1: 5pm-8pm Day 2: 9am-5pm

tuition \$115 early bird tuition (6+ wks in advance) \$100  
materials varies (\$20-\$40)  
age with adult 15+

## Cookie Cutters and Other Small Tin Projects

with Catherine Latané

11/5/13

In November, the village tinsmith would have been busy making holiday bakeware. Now you, too, can use the pliable and versatile material to craft unique and useful household objects. Make your own one-of-a-kind tin cookie cutters for your holiday baking, as well as other simple tin projects including tree ornaments, flour scoops and candle sconces. In this one-day workshop, you'll learn traditional techniques for cutting, shaping and soldering tinplate. No experience is necessary, just your inclination to enjoy a centuries-old tradition.

length (days) 1    hours 9am-5pm

tuition \$75 early bird tuition (6+ wks in advance) \$65  
materials \$15



# traditional crafts

Complete Seed Saving

Cookie Cutters and Other Small Tin Projects

From Beast to Beauty: Using Mosaic to Revive Old Furniture

More Tinware

Mosaic Garden Art

Raku Pottery Experience

Soap Making: The Old Fashioned Way

Wirework: Swedish Luffarslöjd

Woodblock Printmaking

888-387-9762

**new**

## From Beast to Beauty: Using Mosaic to Revive Old Furniture

with Jeanne Wright/Joyce Klees

10/12/13-10/14/13

You like the table, but the top is all scratched, full of paint or just beat up after years of use. Maybe you have an old chair in the garage that just needs "a little something." Take that piece of furniture that has been begging for a little TLC and give it new life. Use tile, colored glass, old dishes or objects such as toys or jewelry to create a one-of-a-kind piece of functional furniture. A small project will be completed during the class so all techniques from cutting tile to using fixatives to grouting will be practiced. The remaining time will be spent designing and mosaicing your piece of furniture. Grouting of furniture may need to be finished at home depending on size and complexity of the individual project. A few furniture options will be available to purchase from the instructors.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195  
materials \$40 (furniture available for purchase)

**new**

## More Tinware

with Catherine Latané

11/6/13-11/7/13

Take up your interest in tin-smithing further in this two day course. Students will learn techniques for making a variety of projects such as canisters, cups and candle sconces. These projects involve traditional construction methods, including wired edges, folded joints and soldered seams. No experience required, but students are welcome to enroll in the one-day cookie cutter class that proceeds this session. The instructor will have additional materials available for purchase should students want to undertake a more complex project.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130  
materials \$33

**new**

## Mosaic Garden Art

with Jeanne Wright/Joyce Klees/Kelly Dupre

6/14/13-6/16/13

Mosaic, the ancient art of using tile and found objects to make a design, meets the 21st century. Learn mosaic techniques as well as how to make basic cement sculptures. During the class you will make your own garden reflection ball and hand-made pedestal. Expect lively, creative chaos as each student turns broken dishes, tile, colored glass and even old toys into a sculpture worthy to adorn your garden. Making cement forms, ceramic and glass cutting, using adhesives and grouting will all be covered so you can continue on and fill your garden with whimsy.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195  
materials \$50

## Raku Pottery Experience

with Kristi Downing

6/7/13 6/13/13 6/19/13

7/5/13 7/17/13 7/25/13

8/6/13 8/14/13 8/27/13

Experience the thrill, alchemy and magic of the ancient pottery process called "raku." Making pots is typically a multi-step process that takes time and patience. This class is for those who want immediate gratification with an extravagant outcome! A variety of pots will be ready for students to glaze and fire in the raku kiln, then the drama begins. Watch your red hot pot come out of the kiln, go into chambers of sawdust and newspaper and immediately burst into flames. After about 15 minutes, we plunge them into icy Lake Superior water and scrub away the soot to reveal the amazing colors and crackles underneath. By the end of the day, students will have at least two one-of-a-kind artworks to take home. Participants will pay the instructor the materials fee (\$15-\$40) during class.

length (days) 1 hours 9:30am-4pm

tuition \$80 early bird tuition (6+ wks in advance) \$75

materials varies \$15-\$40 per pot (paid day of class)

age with adult 15+



Cookie Cutters and Other Small Tin Projects

## Wirework: Swedish Luffarslöjd

with Kurt Mead/ Betsey Mead

5/18/13-5/19/13

Luffarslöjd, or Swedish wire craft, is experiencing a renaissance in Sweden, with items for sale at every market and konsthantverk craft shop. A wide variety of household and decorative items can be made with inexpensive wire, which is why it was so widely practiced by Swedish vagabonds during the early 20th century. Although there are many traditional luffarslöjd items, there seem to be no rules to the craft, with designs and intricacies limited only by the crafter's imagination. Some traditional items include egg-beating whisks, trivets, baskets, candleholders, coat hooks and jewelry. Course participants will choose from a variety of projects which will be created using traditional tools and materials.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$17

age with adult 10+

## Soap Making: The Old Fashioned Way

with Jeanne Wright

4/27/13

Soap - so simple, yet so misunderstood. Have you ever pondered the ingredients contained in a typical bar of soap? Petroleum distillates, sulfates, and many other unpronounceable additives. Whatever happened to that good ol' fashioned soap that Grandma made? Using the same ingredients Grandma used, animal fat and lye, learn how to make gentle, natural soaps, and explore the history and science of this cleanser. You'll leave with at least two varieties of handmade soap, information and resources, and plenty of experience to make soap at home.

length (days) 0.5 hours 9am-1pm

tuition \$55 early bird tuition (6+ wks in advance) \$45

materials \$12

age with adult 12+



Raku Pottery Experience

## Woodblock Printmaking

with Nick Wroblewski

5/10/13-5/12/13

5/17/13-5/19/13

Woodblock printing is one of the oldest ways of creating multiple images. Through the tactile process of literally "carving" imagery, this workshop will investigate the methods of relief woodblock printmaking. This course is an introduction to the basics of creating a multi-color woodblock print. Techniques covered will include transfer, carving, reduction, and multi-block methods, simplifying the seemingly complicated world of layers, woodcarving, reversed imagery, registration and printing. Co-hosted with the Grand Marais Art Colony and the Besty Bowen studio, this course will utilize a professional printing studio, allowing students to learn hand printing techniques as well as techniques that utilize a manual printing press. Students will also be encouraged to discuss imagery, abstraction and conceptual intent. Embark on the adventuresome process of creating a unique, colorful image through woodcarving!

length (days) 3 hours 9am-5pm

tuition \$275 early bird tuition (6+ wks in advance) \$255

materials \$60



Bowl Carving with Axe, Adze and Gouge

## Bowl Carving with Axe, Adze and Gouge

with Jon Strom

6/29/13-7/1/13

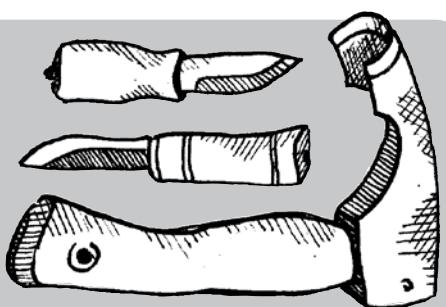
Make the wood chips fly! This course is for students ready to stand at the chopping block and learn to use classic wooden bowl-carving hand tools – the adze, axe, gouge and push knife. During this class, topics including selection of wood stock, elements of bowl design, strategies for hand-hewing, use of sharpening skills, and techniques for finishing will be explored. Students start with a birch log and end with a spectacular bowl (or two!), with graceful lines and smooth surfaces. The shape and style of the bowl connects directly to how the tools themselves function – the classic hand-crafted lines echo the Scandinavian bowl carving tradition that reaches back hundreds of years.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195

materials \$15

age with adult 16+



# woodcarving

Bowl Carving with Axe, Adze and Gouge

Carving the Cree Hunter's Shovel

Carving The Voyageur Style Drinking

Cup: The Traditional Noggin

Chip Carving: An Introduction

Cut, Carve & Whittle it Yourself: Basic Knifework

Cut-out Relief Carving: Scandinavian Themes

Just a Spoonful: Wooden Spoon Carving Traditions

Kolrosing: Decorative Line Carving

Relief Carving: An Introduction

Scandinavian Style Flat-Plane Figure Carving

Scandinavian Style Flat-Plane Carving: Continuation

Timber Carving: Classic Posts for the Northern Home

Wood Carving Tutorial

Yokes on You

## Carving the Cree Hunter's Shovel

with Jarrod StoneDahl

11/22/13-11/24/13

The snow shovel has been essential to survival in the north for untold millennia. The materials have changed, but the design has remained more or less the same: sturdy, lightweight and efficient. Inspired by the 1974 documentary film "Cree Hunters of the Mistassini," you will use simple, ancient methods to craft a very useful snow shovel from a birch log. Using the axe and crooked knife, you'll learn techniques that can be applied to canoe paddles, snowshoe frames and other woodworking projects as well. Leave with new skills and a new shovel to inspire your snow removal efforts throughout the long winter.

length (days) 2.5

hours Day 1/2: 9am-5pm; Day 3: 9-noon

tuition \$185 early bird tuition (6+ wks in advance) \$160

materials \$28

## Carving The Voyageur Style Drinking Cup: The Traditional Noggin

with Jon Strom

6/27/13-6/28/13

When the fur trade was in full swing, Lake Superior and the lakes inland from the North Shore were traditional travel routes paddled by cargo haulers of that bygone era. The voyageur's colorful lifestyle was also a lifestyle of utility and hard work, making light of the heavy loads they had to carry. The noggin, a wooden vessel, doubled as a bowl and cup - small, light and carved from the very woods in which they made their living. Today, campers use the noggin around the campfire, making it an ideal tool for your next canoe or backpacking trip. Working from drawings of historic noggins recorded by the Hudson Bay Company, you will carve out your own 'historic' noggin using traditional carving tools provided by the instructor.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$12

age with adult 14+

## Chip Carving: An Introduction

with Judy Ritger

8/24/13-8/25/13

Take a chip off the old block—try your hand at chip carving! This centuries-old form of decorative carving is easily mastered and requires only basic tools. Students will first draw a design on a wooden object (wooden plates and practice boards will be provided), then, using a special chip carving knife, they will remove precise, geometric chips of wood to create a decorative design in the wood's surface. Chip carving can be adapted to create designs that are strictly geometric in nature, or used for more natural, free form designs. Have something wooden that could use some decoration? Feel free to bring your own wooden object to class. Soft woods like basswood work best.

length (days) 2 hours 9am-5pm

tuition \$170 early bird tuition (6+ wks in advance) \$150

materials \$16



#### Scandinavian Style Flat-Plane Figure Carving

### Cut, Carve & Whittle it Yourself: Basic Knifework with Fred Livesay

5/4/13

Everyone knows that a knife is a pretty useful tool: you would definitely want one if stranded on a desert island. But exactly how to safely use a knife to make things from wood is a skill-set that isn't necessarily in everyone's back pocket. In this workshop, you'll learn basic knife safety, carving strokes, and start a simple carving project. Sharpening knives will also be touched upon. Knives and materials will be provided for students to use, or bring your own. Gain confidence with a basic tool you'll use for the rest of your life.

length (days) 0.5 hours 9am-noon  
tuition \$50 early bird tuition (6+ wks in advance) \$45  
materials \$5  
age with adult 12+

### Cut-out Relief Carving: Scandinavian Themes with Bruce Futterer

7/5/13-7/7/13

Here's your opportunity to develop your relief carving skills alongside national award-winning carver Bruce Futterer while also exploring Scandinavian traditions. In this class, you will work from a cutout blank to create a relief carving. A third day has been added to this course to offer students more time to experiment with finishing techniques and to start an additional project. By the end of this course, students will have enjoyed multiple relief carving projects and utilized finishing stains, paints and waxes. Students unable to stay for three days may choose to stay for just days 1 and 2 (tuition \$130/\$150). The instructor will have a large variety of tools available for students to use.

length (days) 3 hours 9am-5pm  
tuition \$225 early bird tuition (6+ wks in advance) \$195  
materials varies (\$20-\$30)  
age with adult 14+

**new**

**new**

### Just a Spoonful: Wooden Spoon Carving Traditions with Fred Livesay

7/5/13-7/7/13

Scandinavia and other countries have folk traditions of carving spoons for home use and as gifts. This three-day class continues this art and craft. Spoon carving opens the door to a host of other woodcraft skills using axes and knives. The focus of this class is to develop the student's confidence in the use of an axe and knife for roughing and finishing of a beautiful, durable, and usable wooden spoon. The morning of the first day will be spent in the forest gathering birch wood suitable for carving spoons. Upon returning to North House, students will carve butter spreaders to familiarize themselves with traditional knife strokes, wood grain and carving techniques. The remaining two days will be devoted to roughing out, carving, and finishing an eating spoon and completing one or two spoons depending on time and chosen projects. Other aspects of the class will cover sharpening, design, decorating and finishing. Beginners and experienced carvers are welcome. Please bring your own old and new spoons to share with the class. Instructor will give a presentation on spoons from Scandinavia, other countries and several private collections. Instructor will have some tools for student use and additional spoon blanks for sale.

length (days) 3 hours 9am-5pm  
tuition \$225 early bird tuition (6+ wks in advance) \$195  
materials \$25  
age with adult 12+

### Kolrosing: Decorative Line Carving with Judy Ritger

8/23/13

Adding a personal touch to an everyday object is as ancient a tradition as craft itself. Kolrosing, or "painting with coal," has its roots in Viking traditions. To kolrose an object, students use a specially designed knife to incise a fine line onto wood, and then rub dust (traditionally coal, now coffee) into the line to bring out the design. This simple method can be used to add a folk flourish to any wood craft- plates, spoons, bowls, furniture, skis and more. You'll begin by practicing traditional kolrosing designs (similar to rose maling), and then kolrose a variety of woodenware objects of your choice.

length (days) 1 hours 9am-5pm  
tuition \$85 early bird tuition (6+ wks in advance) \$75  
materials \$7  
age with adult 12+

### Relief Carving: An Introduction with Cecilia Schiller

3/8/13-3/10/13  
7/26/13-7/28/13

In some ways, relief carving is akin to painting: once you've mastered the basics, there is no limit to the stories you can tell through wood. In this beginning course, you'll be introduced to the tools used in relief carving and develop the basic skills needed to move into more complex design elements. We'll cover proper technique for holding and using gouges, ambidextrous carving and working with the grain of the wood. After a simple introductory project, students will be able to choose from a variety of patterns provided by the instructor. Students will need to provide their own set of basic carving tools.

length (days) 3 hours 9am-5pm  
tuition \$225 early bird tuition (6+ wks in advance) \$195  
materials \$20  
age with adult 12+

### Scandinavian Style Flat-Plane Figure Carving with Harley Refsal

6/19/13-6/21/13

This course provides beginning carvers with the opportunity to carve several figures in the Scandinavian flat-plane style. Beginning with tool sharpening, the course provides hands-on carving experience as you complete a figure in step-by-step fashion. You will then paint the figures and apply a final oil finish. After this initial figure, you will carve additional pieces independently while the instructor offers assistance on an individual basis. Sharpening equipment and finishing supplies are also covered. Band-sawn wooden cutouts may be purchased directly from the instructor and he will also have a supply of basic carving tools for purchase for students who do not have their own.

length (days) 3 hours 9am-5pm  
tuition \$255 early bird tuition (6+ wks in advance) \$240  
materials varies (see description)  
age with adult 12+

### Scandinavian Style Flat-Plane Carving: Continuation with Harley Refsal

6/24/13-6/26/13

Another appropriate name for this course could simply be: "Let's Keep Carving!" It is an inspiring immersion for students with prior carving experience, including seasoned figure carvers, as well as new-to-carving folks who have just completed the three-day Scandinavian Style Figure Carving course. Need some inspiration or a few new ideas? Carving blanks and patterns for over 40 different characters will be available. Workshop discussions and demonstrations will be facilitated by master carver Harley Refsal. Pick up your knife and get carving!

length (days) 3 hours 9am-5pm  
tuition \$255 early bird tuition (6+ wks in advance) \$240  
materials varies (see description)  
age with adult 12+

"we had time to be self-guided without being unguided."

- from a student evaluation form

# Timber Carving: Classic Posts for the Northern Home

with Jock Holmen  
9/19/13-9/21/13

A decoratively carved timber with a hand-hewn look is a classic signature of the northern home. In this course, you'll choose from two design templates to carve a white pine timber suitable for a door entry beam. Using chisels, gouges and other hand tools, you'll complete one face of an 8 foot long 6"x6" or 8"x8" timber in two days. Creative embellishments are encouraged as time allows. Options for finishing timbers will be discussed. Your hard work will produce a family heirloom that will be treasured for years to come. Due to the physical nature of carving, we encourage you to bring a partner to share the load.

length (days) 3 hours 9am-5pm  
tuition \$225 early bird tuition (6+ wks in advance) \$195  
materials \$40 (\$65 for 8"x8")  
age with adult 15+

## Wood Carving Tutorial

with Phillip Odden/Else Bigton  
12/6/13-12/8/13

Break out the v-gouges and chisels! This tutorial format course is a great opportunity to get going on a new carving project or finish up something you've already started, all under the expert guidance of instructor Phil Odden. Phil specializes in Nordic-style carving and will have a variety of projects to choose from, many with a holiday theme: ornaments, candleholders and rocking horses (for the very ambitious!) are all possibilities. This is the perfect way to get those handmade gifts underway, or seek the assistance you need to get to the finish line.

length (days) 3 hours 9am-5pm  
tuition \$255 early bird tuition (6+ wks in advance) \$225  
materials varies (\$10+)



Timber Carving: Classic Posts for the Northern Home



Just a Spoonful: Wooden Spoon Carving Traditions

## Yokes on You

with Jarrod StoneDahl  
3/22/13-3/24/13

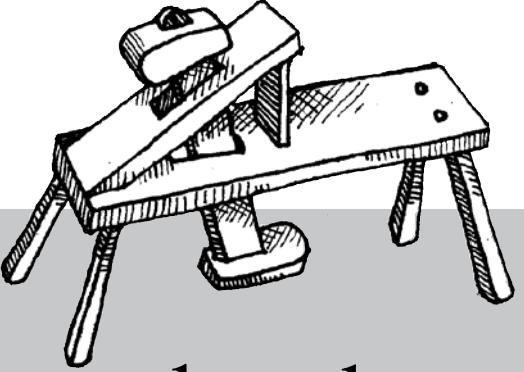
If you've hauled buckets full of water, sap or anything else, you have probably realized that carrying buckets without a yoke is for the birds: humans are just not very well built for it- we bang our shins, our shoulders ache and we have a tendency to slosh. The carrying yoke is the simple & elegant solution to this age-old problem. In this course, you'll begin with a basswood log, a material that is lightweight, sturdy and yields easily to the sharp edge of well-chosen tool. Using axes, drawknives, and gouges, you'll carve your own custom fit carrying yoke. Perfect for use in the sugar bush or any of your carrying needs, your yoke will make even the heaviest burdens a joy to carry. This class will also be a great introduction to using and maintaining an axe and other hand tools used to shape wood.

length (days) 2.5  
hours Day 1:1-5 pm, Day 2/3: 9am-5pm  
tuition \$185 early bird tuition (6+ wks in advance) \$160  
materials \$25 age with adult 16+



Twig Furniture: Crafting the Twig Chair

888-387-9762



# woodworking & furniturecraft

**Perfect Pitch: Crafting a Hayfork**

**Shaker Box Tradition: Make a Stacking Set**

**Shaker-Style Carriers: Further Exploration**

**Slöjd Workshop: Shrinkboxes, Ale Bowls & Knife Work**

**You Can Handle It: Nordic Inspired  
Stacked Handled Flatware**

## wood turning

**Artistic Bark-Edged Wooden Bowls**

**Lathe Turning: The Wooden Bowl**

**Spring-Pole Lathe: Build Your Own**

**Wooden Bowl Turning: Norwegian  
Ale Bowls**

## furniture craft

**Adirondack Chair Building**

**Bury Yourself in Your Work: Build Your  
Own Casket**

**Footstool Weaving: Danish Modern  
Cord & Seagrass**

**Outdoor Timbered Benches**

**Put Your Feet Up: Weave a Footstool  
with Paper Fiber Rush**

**Three-Legged Milking Stool**

**Timbered Workbench: Early American  
Style**

**Traditional Furniture Building with  
Hand-tools, Spring Pole & Electric Lathes**

**Traditional Paper Rush Chair Seat Weaving**

**Traditional Seat Caning For the  
Vintage Chair**

**Twig Furniture: Crafting the Twig Chair**

## Artistic Bark-Edged Wooden Bowls

*with Lou Pignolet*

4/5/13-4/6/13

8/10/13-8/11/13

This course is intended for students already familiar with bowl turning on an electric lathe, and who want to learn more advanced woodturning methods. We will explore turning asymmetrical forms from bark-edged bowls to unusual end-grain pieces. The course will include selection of wood, cutting of bowl blanks, choice of form, and techniques of mounting and turning amazing bark-edged bowls. We will also cover the details of drying and finishing (sanding and oiling) of a turned bowl. Each student will turn several bark edged bowls suitable for artistic display and learn many tricks of the trade. This class is most suitable for students who have some prior turning experience. This class takes place at the instructor's home studio, located in Hovland, a 20-minute drive east of Grand Marais. Students will meet at North House on the first day of class and can arrange to carpool.

length (days) 2 hours 9am-5pm

tuition \$180 early bird tuition (6+ wks in advance) \$160

materials \$75

## Adirondack Chair Building

*with Randy Schnobrich*

6/7/13-6/9/13

Without question, the Adirondack chair is a timeless classic - its high back, large armrests and contoured seat and back are unmistakable. For many, the Adirondack chair defines the ideal deck or lawn chair for a well-deserved break. This course is the perfect opportunity for you to learn and expand basic woodworking skills. During the weekend, you will learn to utilize various woodworking hand and power tools safely and proficiently. You will cut, shape, sand, and assemble your own rot-resistant cedar Adirondack chair. The dimensions of the chair will be approx. 28" wide, 38" tall and 34" deep. After returning home, you will have the knowledge and ability to build its match. So, let the sawdust fly and imagine how good it will feel to relax for many years to come in a chair you built yourself.

length (days) 2.5

hours Day 1: 5pm-8pm, Day 2/3: 9am-5pm

tuition \$185 early bird tuition (6+ wks in advance) \$160

materials \$85 per chair

age with adult 14+



You Can Handle It: Stacked Handled Flatware

## Bury Yourself in Your Work: Build Your Own Casket

*with Randy Schnobrich*

3/8/13-3/10/13

None of us are getting out of this alive, so we may as well bury ourselves in our work! Put your hands to work making something truly useful while also building a strong base of basic woodworking skills. The above-ground applications of your resulting project are numerous – a bookshelf, a coffee table, a storage container or entertainment center, not to mention a great conversation piece.

Beginning woodworkers will enjoy acquiring new skills, while more advanced participants will have ample opportunity to apply their talents. Chop saws to block planes, screw guns to dovetail joinery - this course covers a range of important skills while offering the opportunity to manage the key details such as: proper sizing, joinery, handle construction, hardware and design options. Students will develop woodworking skills that will last a lifetime (and beyond!). The casket materials include cabinet-grade pine, birch for handles and bronze fastenings. You may bring a partner to work on one casket for the single tuition rate.

length (days) 3 hours 9am-5pm

tuition \$255 per casket

early bird tuition (6+ weeks in advance) \$225

materials \$295 per casket



## Footstool Weaving: Danish Modern Cord & Seagrass

*with Cathryn Peters*

8/17/13-8/18/13

Ready to put your feet up? Try your hand at a new style of weaving and complete a small footstool project. Starting with an assembled and lightly finished footstool, you can learn either of these two distinct styles of weaving. Danish cord weaving was used in modern Danish furniture pieces of the 1950s era, providing a clean, finished look. Seagrass-style weaving uses a similar technique, but the twisted grass material has a more rustic appearance. Either way, you'll complete a footstool measuring 12"x12" and the knowledge to start new projects on your own.

length (days) 1.5

hours Day 1: 9am-5pm. Day 2: 9am-1pm

tuition \$125 early bird tuition (6+ wks in advance) \$115

materials \$66

## Lathe Turning: The Wooden Bowl

*with Jim Sannerud*

10/24/13-10/25/13

10/26/13-10/27/13

The wooden bowl is a reflection of both utility and beauty - an inspiring craft form to experience. Explore the grains of northern hardwoods - birch and maple - as you learn detailed lathe handling and turning techniques to turn a wooden bowl on the electric lathe. From tree to bowl, learn how to identify the best parts of a tree for a bowl blank and how to orient stock for the best grain patterns to match the outcomes you desire. To ensure longevity and finishing of the bowl, drying techniques will also be covered. Take home a traditional utility bowl for the kitchen as well as an artistic form for the coffee table. Your materials fee includes all wood for projects plus the use of individual lathes and set of tools.

length (days) 2 hours 9am-5pm

tuition \$195 early bird tuition (6+ wks in advance) \$185

materials \$65

# Outdoor Timbered Benches

with Randy Schnobrich

4/5/13-4/7/13

A sturdy, timbered outdoor bench will invite years of use and is perfect for long conversations, a short break from walking or simply watching the world go by. This unique bench design borrows joinery common to timber-frame construction and utilizes rough cut, white pine timbers. It's beautiful, comfortable and highly durable. We should know: North House has built several benches in this style for our campus as well as downtown Grand Marais. Over three days, you'll use professional timber-framing equipment to construct a 4.5 ft bench, ready to be finished and located in a spot with a view. Due to the size of this project, students are highly encouraged to bring a partner.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195

materials \$150

age with adult 16+

# Perfect Pitch: Crafting a Hayfork

with Paul Linden

3/23/13-3/24/13

Following a traditional pattern, and working with wood riven (split with control) from a freshly cut log, we will learn the process of rough-shaping a handle and cutting, shaping, and bending the tines to make a beautiful and functional hayfork. Students will learn the process techniques and also get some practice using many of the common hand tools specific to green woodworking, including a drawknife, froe, and spokeshave. It is possible and entirely practical to complete this course using exclusively hand tools and elbow grease, but we will also have access to certain power tools, if needed, to speed things along. The first day will involve splitting, rough-shaping and bending the fork into form, on the second day we will finish the handle, refine the shape of the tines, and scrape the whole piece smooth. Various finishes will be discussed and available.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$20



Wooden Bowl Turning:Norwegian Ale Bowls



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# Put Your Feet Up: Weave a Footstool with Paper Fiber Rush

with Cathryn Peters

8/9/13

Ready to put your feet up? Try your hand at traditional paper fiber rush weaving and complete a small footstool in just one day. You'll start with an assembled and lightly finished footstool and end with a beautiful piece of furniture you'll appreciate for years to come. You will use a continuous strand of rolled paper rope, a product that was invented in the early 1900s and made to resemble the hand-twisted natural bulrush or cattail leaves found in older chair seats. The instructor will show you the tricks of the trade to speed and improve your weaving process. Take a home a footstool (12" x 12") and the knowledge to start new projects on your own. Or, register for the following session of Traditional Paper Rush Chair Seat Weaving, and complete a chair using the same skills.

length (days) 1 hours 9am-5pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials \$55

# Shaker Box Tradition: Make a Stacking Set

with Bob Ristow

7/27/13-7/28/13

10/4/13-10/5/13

There was a time when households had few belongings, and clutter from too much stuff was not an issue. Basics such as matches, glue powders and paint pigments, and sugar, coffee, tea, and spices needed containers. Before the age of canisters and Tupperware, Shaker craftsmen made and marketed their oval boxes to meet this purpose. Explore the traditions of the Shaker box as you learn to make a stacked set of boxes (5 total), reflecting on both the traditional uses and production methods, as well as more decorative touches such as the use of cherry woods rather than plain maple and wood finishes suited for the coffee table rather than cupboard. The Shaker Box is a box for all occasions, utilitarian as well as decorative.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$60 age with adult 12+

# Shaker-Style Carriers: Further Exploration

with Bob Ristow

7/29/13

10/6/13

The simple and practical design of Shaker woodworking is not limited to boxes: a wide variety of containers and carriers can be made using straight grained thin wood strips bent and tacked into shape. In this one-day course, students will choose to craft either a set of nested carriers, a swing handle carrier or a divided carrier. Using both traditional hand tools and some modern tools, this is a simple woodworking project with a utilitarian and lovely product that can be finished in a plain style, or painted and embellished further at home. Students are encouraged to enroll in the two-day Shaker boxes course scheduled before this session, or take this class as an introduction to this style of woodworking. The materials fee for this course will vary depending on the number of projects a student chooses to complete.

length (days) 1 hours 9am-5pm

tuition \$75 early bird tuition (6+ wks in advance) \$65

materials varies (\$25-\$35/project)

age with adult 12+

# Slöjd Workshop: Shrinkboxes, Ale Bowls & Knife Work

with Jim Sannerud

3/14/13-3/17/13

Four days of handcraft can be the beginning of a passionate relationship that will last a lifetime. Immerse yourself in craft step-by-step at North House during this unique four-day course with Jim Sannerud. On day one, you'll turn simple ale bowls, concentrating on form and thickness. Day two will focus on knife skills while carving spreaders and coathooks. Crafting shrink boxes, turning bowls on the lathe and adding embellishments (including natural pigments), will round out days three and four. You'll also head into the woods to harvest materials for use in some projects and draw a direct connection between tree and craft. Four days full of craft, stories, laughter and undoubtedly some new friendships...a truly wonderful immersion. Evening activities will be part of this session.

length (days) 4 hours 9am-5pm

tuition \$360 early bird tuition (6+ wks in advance) \$340

materials \$30

“i gained  
self  
trust.”

- from a student evaluation form

# Spring-Pole Lathe: Build Your Own

*with John Beltman*

4/26/13-4/28/13

Spring-pole lathes are reminiscent of colonial woodworking traditions and have been used for hundreds of years to create elegant chair legs, spindles, and bowls from freshly cut, rough wood stock. In its simplest form the foot-powered spring-pole lathe is both easy to operate and efficient, allowing for complete control over the turning process. In this course you work with traditional woodworking tools to build your own wood turning machine from freshly milled white pine. The course also covers the basics of wood turning. You will have the chance to split green wood into rough stock and experience a real sense of satisfaction as a piece of wood evolves into a chair stretcher, candlestick or similarly shaped object.

length (days) 3 hours

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials \$190

# Three-Legged Milking Stool

*with John Beltman*

3/14/13

Explore the fundamentals of traditional furniture making with this classic Americana piece, the three-legged milking stool. Steeped in the tradition of working exclusively with vintage fine woodworking tools, you'll learn precise handwork to shave wooden birch legs using a drawknife on the traditional woodworker's 'bench' of choice, the shaving horse. The finer details will be smoothed with a spokeshave and the seats sculpted of white pine. You'll learn to mortise and tenon the legs to the seat with a hand tenoner. Finishes such as milk paints and other traditional wood preservatives will be discussed, allowing you the most fashionable chair for sitting upon whilst hand milking your cow or goat...or whittling on your next project.

length (days) 1 hours 9am-5pm

tuition \$85 early bird tuition (6+ wks in advance) \$75

materials \$35

# Timbered Workbench: Early American Style

*with John Beltman*

11/8/13-11/10/13

Have bench, will travel? Indeed - with this workbench you can do both! A fine workbench is an essential fixture in the home workshop. In this class students will build a sturdy timbered workbench based on early American designs using simple and classic joinery that echoes timber framing techniques. Mortise and tenon joints of different sizes are used so the finished bench is held together with wedges and can easily be disassembled. The portable, knock-down features of this workbench make it a versatile addition to your workspace and easy to load to bring home. Dimensions: 38" H x 72" L x 30" W (with some variations possible). The bench is made using white pine timbers for the legs and top, and ash for the wedges.

length (days) 3 hours 9am-5pm

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials \$245

# Traditional Furniture Building with Hand-tools, Spring Pole & Electric Lathes

*with John Beltman*

3/14/13-3/17/13

If the desire to build beautiful, functional furniture has ever struck you, this course is the place to begin. Over four days, you'll explore the primary techniques of traditional woodworking and furniture-craft. You'll begin with a classic Americana piece, the 3 legged stool, using vintage fine woodworking tools to shape birch and white pine. The second project, a Windsor stool, will utilize both spring-pole lathes & electric lathes, and will provide an in-depth introduction to Windsor-style furniture-craft. Finishes such as milk paints and traditional wood preservatives will be discussed. This extended course format allows ample time for conversation and discussion of furniture design, tradition and function.

length (days) 4 hours 9am-5pm

tuition \$360 early bird tuition (6+ wks in advance) \$340

materials \$135

# Traditional Paper Rush Chair Seat Weaving

*with Cathryn Peters*

8/10/13-8/11/13

Most likely you've seen this type of weaving done on antique and flea market chairs and always wondered how it was done. In this two-day course you will learn how to weave the rush seat design pattern, which forms four distinct triangular envelope shapes that meet in the center. Students may bring their own chairs to work on, or purchase a chair from the instructor. You will be using a continuous strand of rolled paper rope, a product that was invented in the early 1900s and made to resemble the hand-twisted natural bulrush or cattail leaves found in older chair seats. The instructor will show you the tricks of the trade to speed and improve your weaving process. Take home a completed chair and a new interest.

length (days) 2 hours 9am-5pm

tuition \$150 early bird tuition (6+ wks in advance) \$130

materials \$30 (\$50 to purchase a chair [optional])

# Traditional Seat Caning For the Vintage Chair

*with Cathryn Peters*

11/8/13-11/10/13

Bring your worn-out chair to class and learn the nearly lost art of the traditional, seven-step method of chair seat weaving commonly known as "hole-to-hole caning." During the course, you'll have ample time, instruction, and all the tools required to restore your vintage chair by recaning the seat to its original condition. Whether a family heirloom chair or the one you picked up at the antique store that needs a little brushing up, vintage chairs that need seat work are welcome in this course that's tailored to your specific project. Chairs need to have pre-drilled holes around the perimeter of seat and be in good condition (not in need of re-gluing or refinishing). Each student will consult with the instructor prior to the start of the course to assess the chair's needs.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195

materials varies (\$20-\$40)

# Twig Furniture: Crafting the Twig Chair

*with Paula Sundet Wolf*

4/26/13-4/28/13

The twig chair is the hallmark project for someone who appreciates the traditional craft of twig furniture making. In this course you will work with native alder and willow following a basic twig chair design that can be individualized with curved, bent, or straight twig furniture techniques. A harvesting field trip will provide an opportunity to gather some of the materials that will personalize each chair, in addition to providing a chance to field identify twig furniture materials. During the first day of class, students will construct a basic chair frame using materials provided by the instructor. On the following morning, students will take a field trip to identify brushwood species and to gather materials for the chair seat and back. By afternoon, students will start constructing the seat and back using gathered materials. By day three students will finish their chair and talk about other applications such as footstools, tables, etc.

length (days) 3 hours 9am-5pm

tuition \$225 early bird tuition (6+ wks in advance) \$195

materials \$35

# Wooden Bowl Turning: Norwegian Ale Bowls

*with Roger Abrahamson*

6/7/13-6/9/13

11/16/13-11/18/13

Wooden ale bowls are an excellent example of functional Scandinavian folk art. These ceremonial drinking vessels were used both for serving on special occasions and in the brewing process. In this class, students begin with a green birch log. Using axes, knives, hook tools and a foot-powered spring-pole lathe (plus lots of vigorous work), you'll create an ale bowl to take home and use. Tool sharpening and proper cutting techniques will be taught. There will also be lively discussions on the design, function and culture surrounding these objects, as well as the history of woodturning. The instructor will have available several antique bowls from his collection for study and inspiration. Skills taught in this class will also be very useful to modern bowl turners.

length (days) 3 hours 9am-5pm

tuition \$255 early bird tuition (6+ wks in advance) \$225

materials \$35

# You Can Handle It: Nordic Inspired Stacked Handled Flatware

*with Harley Refsal/Mike Schelmeske*

10/25/13-10/27/13

Stacked handle flatware is an aesthetic unique to the Nordic kitchen. From cheese planes to spatulas, serving spoons to filet knives, the handles of these items are a reflection of three basic Scandinavian natural materials – character birch wood, stacked birch bark and reindeer antler. Starting with these essential materials, you will learn to shape and layer the handles and fasten to the Nordic metalware provided by the instructor, choosing from these aforementioned projects. Your materials fee covers the cost of the Nordic crafted metalware. The rest of the design you shape using traditional carving and fastening techniques.

length (days) 3 hours 9am-5pm

tuition \$270 early bird tuition (6+ wks in advance) \$255

materials varies (\$45-\$65)

age with adult 16+

# north house instructors

## Roger Abrahamson - Minneapolis, MN

Roger is a traditional bowl turner. Using a spring pole lathe, hand-forged tools and freshly harvested native woods, he specializes in the creation of Norwegian ale vessels. Roger's fascination with these objects has its roots in his immigrant grandmother's ale bowl, which is still in the family. Roger has demonstrated his trade at the Nordic Fest, Norsk Hostfest, the Minnesota State Fair, the Smithsonian Institute's Viking Exhibition and several other historic sites. He has been a turner for 18 years, working with a pole lathe exclusively for the past 12.

## Paul Anderson - Grand Marais, MN

Paul Anderson enjoys preparing and preserving meats of all kinds; he's nearly always got something delicious in the smoker or on the table. Having served on the North House Board of Directors for 6 years, he is very familiar with campus and the many characters that hang out there. Paul fills his time fly fishing, traveling and sampling meats around the world.

## Philis Anderson - Grand Marais, MN

Philis has owned and trained horses since the 1970s. The Norwegian Fjord horse has been her horse of choice in recent years because of its intelligence and gentle nature. Philis and her horses enter pleasure driving competitions and shows, and her horses have received high evaluations in the Norwegian system of confirmation and work discipline. Learn more about Philis at [www.Sawtooth-MountainFjords.com](http://www.Sawtooth-MountainFjords.com).

## Ian Andrus - Grand Marais, MN

Ian lives in the woods outside Grand Marais without running water or electricity in a yurt he built himself, spending much of his time gathering wild foods, firewood and craft materials. He is inspired by traditional lifestyles and is always seeking to uncover the lost art of living off the land. Aside from yurts Ian makes black ash and birch bark baskets, birch bark canoes, and other utilitarian crafts. Ian is a former North House Folk School intern. Ian's website: [www.superioryurt.wordpress.com](http://www.superioryurt.wordpress.com)

## David Asproth - Grand Marais, MN

David ties flies commercially and has a passion for brook trout fishing. He has tied at five national events and currently serves as a demonstration fly-tier for the Federation of Fly Fishers, the Arrowhead Fly Fishers, and the Thunder Bay Fly Fishers. David continues to demonstrate his fly-tying and casting abilities through demonstrations at the Midwest Fly Fishing Expo, Sawbug Festival in Arkansas, and the Chicago Sports Show. David pioneered the use of the float tube in Cook County and has been instrumental in the shaping of youth educational programs with Minnesota Department of Natural Resources.

## Chef Judi Barsness - Lutsen, MN

Judi is Executive Chef of Chez Jude, now offering contemporary cuisine, private dining, events catering and a series of culinary classes, in your cabin, condo or home, Chez Vous. Her restaurant, Chez Jude, formerly located on the Grand Marais Harbor, was renowned throughout the state for its flair for local cuisine -- Minnsine. A second generation chef, Judi learned her passion for cooking and baking growing up in her mother's French kitchen. Chef Judi has served an internship at Alice Waters' Chez Panisse in Berkeley, California. She has also studied at The Culinary Institute of America, Greystone and the National Baking Center.

## Dave Bartkey - Faribault, MN

One day, Dave curiously marveled at some birds in a dead tree across his lawn. He had his roommate's binoculars handy and figured out they were Cedar Waxwings and Eastern Kingbirds. "These birds never come to my feeders," he thought. That May, he bought his own binoculars--his first pair. Trying them out in a state park near Faribault, Dave was constantly frustrated as the warblers he was trying to focus on just wouldn't hold still! Just when Dave was on the brink of throwing in the towel, some movement just above the trail caught his eye. Dave brought the binoculars up and there the bird stayed, a brilliant male Scarlet Tanager! Needless to say, Dave was totally hooked! Since that day in 1996, Dave has birded all over Minnesota. He co-founded the Rice County Bird Club, is a member of the M.O.U. and is a field trip leader for the Sax/Zim Bird Festival. His state list stands at 340 birds and is still a work in progress.

more details, more photos: [www.northhouse.org](http://www.northhouse.org)

## David Bauer - Candler, NC

David completed an internship at North House Folk School with an emphasis on wood-fired baking and received further training at the San Francisco Baking Institute. Formerly the bread baker for Lucia's Bakery and Corner Table in Minneapolis, he now bakes independently in a wood-fired bakery in the Appalachian Mountains with his trusty hound Rosie.

## Jodi Belluz - Thunder Bay, ONT

Jodi was born and raised in Thunder Bay, Ontario, and was originally educated as a high school English teacher. After teaching in Alberta and then in Cambridge, England, she and her husband, Kevin, decided to settle down on the family's farm located in the beautiful Slate River Valley. Her career as a teacher soon faded into the past as she took up her pitchfork as a full-time farmer's wife. For ten years now, she and Kevin have been pursuing not only their passion for growing flowers, fruits and vegetables in a sustainable manner, but also promoting local agriculture in an effort to bring community attention to the importance of good food choices and a strong, healthy, sustainable food system.

## John Beltman - Nashwauk, MN

John is a master woodworker who specializes in working with traditional hand tools and utilizing traditional building techniques. His students consistently comment that this approach permeates every class he teaches. John has recently concentrated his efforts on traditional early American methods of woodworking, including spring-pole lathe turning, the construction of snowshoes, and hand-crafting Windsor chairs & stools. John's training includes work with the Rockport Apprentice Shop in Maine, Strong's Canoe Yard in Vermont, and the Windsor Institute in New Hampshire.

## Traudi Bestler - Minnetonka, MN

Traudi has been weaving and creating textile projects for over 30 years. Her prime interest is passing along the history and joy of making fiber art. Traudi studied weaving, spinning, and dyeing at the Weaver's Guild of Minnesota, The Weaving School and Sievers School of Fiber Arts. She currently teaches weaving and dyeing at the Minnetonka Center for the Arts and has been a workshop presenter for the last 25 years at the MN Federation of Weavers conferences.

## Jeanne Bourquin - Ely, MN

Jeanne is a full-time wood-canvas canoe builder and runs her business, Bourquin Boats, from her workshop in Ely. She began her canoe building career by repairing her own wood-canvas canoe in the early 1980s. In 1985, she built her first wood-canvas canoe with Jerry Stelmok. Since then she has been hooked, and has been building and repairing canoes in her Ely shop. She is known among canoe builders for her care in construction and finishing details. See her work at [www.bourquin.wcha.org](http://www.bourquin.wcha.org).

## David Brislance - Lutsen, MN

David resides on a ridge above Lake Superior near Lutsen, MN with his wife Mary. David specializes in photographing the birds and wildlife of Cook County, concentrating on songbirds, the wood-warbler migration, and the nesting and drumming of the ruffed grouse. He has been walking his ridge observing birds and animals since 1967. David is a graduate of Luther College and is a retired art teacher. He has had various bird and animal photos displayed in books, magazines, and calendars through the years, including Jim Gilbert's book "Minnesota Nature Notes," and the publications of the Minnesota Ornithologists' Union.

## Matthew Brown - Grand Marais, MN

Active in sailing since the 1980s, Matthew has sailed a wide variety of boats from sloops to tall ships on the Great Lakes and the Atlantic Ocean. A U.S. Coast Guard licensed captain, Matthew has played a major role aboard North House's schooner *Hjordis* since she was acquired in September 1997.

## Liz Buchheit - Lanesboro, MN

Liz is owner of Crown Trout Jewelry in Lanesboro, Minnesota, and has been a goldsmith for over 25 years. She holds a Master's degree in metalworking and jewelry from the University of Iowa, Iowa City, and has trained in traditional jewelry and metalworking techniques both in Ireland and Norway. Liz has been awarded grants from the Minnesota State Arts Board, Sons of Norway, and the SE Minnesota Arts Council. Known for her Scandinavian-inspired bridal crown and wedding jewelry, Liz was recently awarded a MN State Arts Board grant to travel to China to research Miao silverwork. Preview her designs at [www.crowntrout.com](http://www.crowntrout.com).

## Dennis Chilcote - Minneapolis, MN

Dennis has a great appreciation for historical crafts and a long-standing fascination with the way our ancestors expressed art through craft. In that vein, he uses baskets, brooms and traditional woodwork as both canvas and palette for his art. His work can be viewed at [www.mnartists.org/dennis\\_chilcote](http://www.mnartists.org/dennis_chilcote).

## Carol Colburn - Duluth, MN

Carol travels throughout Norway to find inspiration from the landscape, people, and old clothes found in museums and private homes. Some of her favorite historic garments were discovered in the walls of old log buildings, tucked into cracks ages ago for insulation. During the academic year, she teaches costume design and technology at the University of Northern Iowa in Cedar Falls. She has also taught garment design and construction at Vesterheim Museum in Decorah, Iowa, and at Vesas Farm Studio in Telemark, Norway.

## Kristi Downing - Grand Marais, MN

Kristi began potting in the 1960s, but it is only since "retiring" in 1998 that she has been able to pursue her dream in earnest. Her studio and raku kiln are located on the Lake Superior shore just east of Grand Marais. In 2002, Kristi and her raku firing were featured on two Twin Cities television stations: Channel 45, "Environmental Journal," and Channel 5, "On The Road with Jason Davis." She is one of 14 artists on the fall Duluth-to-Thunder Bay Crossing Borders Art and Studio tour.

## Carol Dunn - Hackensack, MN

Carol is a 5th grade teacher with a Master's degree in curriculum and instruction. As a way to relax and maintain her calm, easy-going personality, she became a "hooker" when a friend taught her to rug hook in 1989. In the 24 years since then, Carol has attended many hooking retreats and workshops, and has taught hooking to friends and family members. Carol and her husband Bart (who still does not have his own rug!) have been coming to Grand Marais on their summer vacation for many years. Carol's sister Mary is a rug hooking designer - see samples at [www.designsinwool.com](http://www.designsinwool.com).

## Kelly Dupre - Grand Marais, MN

A former teacher turned artist and author, Kelly has been watching and cheering on North House since its beginnings. When the part-time classroom and volunteer coordinator position came into being, she couldn't resist jumping in on all the fun! When not at North House, you will find her making art (mostly block prints), writing, and hanging out in the woods. To learn more about Kelly's artwork, visit [www.kellydupre.com](http://www.kellydupre.com).

## Lonnie Dupre - Grand Marais, MN

During an Arctic career spanning more than two decades, Lonnie Dupre has traveled over 14,000 miles throughout the high Arctic regions of northeastern Russia, Lapland, Alaska, Canada and Greenland. He has led five major Arctic expeditions and participated in six. Lonnie's expeditions have been featured in "Reader's Digest," "Sports Illustrated," "Outside," and "National Geographic Online." In 1991, he organized and led the Northwest Passage Expedition, making a 3,000-mile transit of the Canadian Arctic by dog sled while comparing changes in Inuit culture since Knud Rasmussen's expedition in 1923. Recently, Lonnie worked on the One World Expedition project, a trip from Greenland to the North Pole, pulling and paddling specially modified canoes across shifting sea ice and open ocean to raise awareness of global warming and climate change. Visit [www.lonniedupre.com](http://www.lonniedupre.com).

## Tina Fung Holder - Washburn, WI

Since 1996, Tina Fung Holder has lived and worked in northwest Wisconsin after moving from the urban city life in Chicago. While pursuing her formal education in Chicago, Tina did extensive research in basketry techniques at the Field Museum. Since moving to the north woods she has explored both traditional and new applications of the available natural materials and thinks that anything that grows flexible is fair game. Tina enjoys developing new basket designs and teaching them in workshops. Her basketry is sold in galleries in the region.

## Bruce Futterer - Russellville, AR

Bruce has been an avid carver since 1977. Since 2000, Bruce has won numerous blue ribbons at the International Carving Competition held each year in Davenport, Iowa. In 2004 his Santa Claus carving was selected as the National Grand Prize winner in the Woodcraft/Wood Carving Illustrated contests. In 2006, Bruce won Best of Show at the National Caricature Carvers Competition, and in 2005, he was awarded a Gold Medal for Scandinavian style carving from the Vesterheim Norwegian American Museum. Bruce was raised in Grand Marais and returns to the North Shore each summer. Visit [www.futtererwoodcarving.blogspot.com](http://www.futtererwoodcarving.blogspot.com).

## **Kim Garrett - Ely, MN**

Kim started rosemaling 6 years ago by taking a class at the North House Folk School with rosemaling instructor Mary Schliep. She fell in love with it and has been painting ever since. Kim has studied with several Vesterheim Gold Medal winning rosemaling instructors. She has also studied with Norwegian instructors here in the US and while studying traditional rosemaling and other Scandinavian folk art in Norway. Kim's goal is to bring together a blend of traditional Scandinavian folk art with modern techniques and point of view.

## **Ted Gephart - Bayfield, WI**

Ted lives on Wisconsin's "north coast" of Lake Superior with his wife and two daughters. He missed the boat for the first time as a young boy and has been doing it since then as a hobby. Okay, he's also been a charter captain since 1985. Among the many marine classes Ted has instructed are Wisconsin boater safety and the U.S. Coast Guard license exam review course. He is the founder of North Coast Community Sailing.

## **Jim Gilbert - Waconia, MN**

Since 1998, Jim has been an instructor of environmental studies at Gustavus Adolphus College in St. Peter, Minnesota. Previously Jim served as a Hopkins Public School science teacher and naturalist for 30 years. He is a consulting naturalist for WCCO Radio, co-author of the Minnesota Weatherguide Calendars, author of three books on nature in Minnesota and writer of a weekly newspaper column.

## **Shawn Glidden - St. Paul, MN**

Shawn Glidden is immersed in the world of knitting; designing, teaching and creating one-of-a-kind clothing and accessories. Her goal is to keep traditional styles of knitting alive, honoring them without distorting them, and keeping them fresh and new given the vast array of fiber available to knitters today. Yarns are spun not only from animal fiber but also from plants such as bamboo, cotton, seaweed, trees, beautiful silks and even corn and milk. Shawn is on an unending quest to find just the right approach to every single stitch matched up with just the right fiber that shouts out the glory of both and screams, "Touch me! Touch me!"

## **Mark & Katya Gordon - Two Harbors, MN**

Mark and Katya Gordon are co-owners of Amicus Adventure Sailing, a small family-owned charter business that operates out of Knife River, MN. Mark (captain) has more than 25 years experience in leading trips and over 18 years as a licensed Captain and EMT. Katya (first mate) is a lifelong sailor and is a veteran of outdoor wilderness experiences, with more than 15 years of experience leading trips in mountains, lakes, deserts, rivers and oceans. Together they have sailed thousands of miles on Lake Superior and beyond with their two daughters Cedar and Lamar.

## **Scott Graden - Two Harbors, MN**

The regionally-renowned creative force behind the sustainable, local & distinctly northern cuisine at the New Scenic Café, Chef Scott Graden does not hesitate to share his cooking artistry with others. Chef Graden has taught at the Blue Heron, the Kitchen Window, and the Minnesota State Fair, among other places. His passion for culinary arts, industriousness, and wry humor are revealed in his tutelage. He teaches in systems and philosophies, shifting the focus away from memory-based methods.

## **Larry Groce - Charleston, WV**

Larry Groce is one of the founders of West Virginia Public Radio's Mountain Stage and has been host and artistic director since its beginning in 1983. The show is heard on 120 radio stations nationwide as well as on Voice of America overseas. Before Mountain Stage, he worked as a singer and songwriter and has recorded twenty-three albums including a top ten hit song (*Junk Food Junkie*) and many Walt Disney records for children, one of which was nominated for a Grammy Award. Larry moved to West Virginia in 1972 as part of a National Endowment for the Arts program. He still makes his home in the Mountain State with his wife and two daughters.

## **Brent Gurtuk - Duluth Township, MN**

Brent Gurtuk has been professionally fashioning authentic, custom muzzle loading firearms since 2001, having made over 70 such weapons, to date. He is a member of the National Muzzleloading Rifle Association and the Contemporary Longrifle Association. He has successfully hunted white tail deer and black bear with firearms he has made himself. He lives with his wife, Ann, just north of Duluth in French River, in a period house they built themselves, along with much of the furnishings.

## **Bryan Hansel - Grand Marais, MN**

Bryan likes spending his mornings and evenings along the shore of Lake Superior making photographs of the sun creating new colors in the sky. He learned photography over 20 years ago in the black and white darkroom. Now, he makes his living taking photos. Not only is he a professional photographer, he writes freelance articles for magazines and he's a Lake Superior kayak guide. Bryan loves the North Shore and shares his passion for the area teaching photography workshops and guiding. Learn more about him at [www.bryanhansel.com](http://www.bryanhansel.com).

## **Mark Hansen - Grand Marais, MN**

Mark was introduced to the craft of wooden ski making after meeting Marvin Salo, whose father was a master ski maker trained in the old Saami school of ski construction, nearly two decades ago. Since then, he has collaborated with ski historians, researchers, and builders, to learn about the wooden ski's origin, design variations, cultural functions and construction methods. From his findings, Mark has been teaching students from around the globe about wooden ski construction. His investigations into the wooden ski have also led him to a number of exhibitions, commissions and presentations on the subject. Mark's interest in traditional methods of transportation throughout northern cultures also include wooden work boat construction, from birch bark canoes to Norse prams; toboggan and sled construction; northern clothing; and traditional shelter designs, including the yurt. Mark was instrumental in the founding of the North House Folk School. He operates his own business, Hansen Boat Works, and was recently nominated to receive an invitation for the Bush Foundation's Enduring Vision Award.

## **Dave Hanson - Duluth, MN**

Metalworking has always been important in Dave's life, learning from his cousin who owns one of the largest machine shops in Iowa. Known to have one of the largest travelling blacksmith shops in the five-state area, Dave spends countless hours around the Midwest demonstrating his work and skills to the public at rendezvous and special events. Dave founded the Lake Superior Metal Smith Club. Other pastimes include training and caring for his horses, woodcarving and pottery.

## **Kate Hartman - Madison, WI**

Kate first learned to knit in high school. Since then, she has explored a variety of knitting traditions, including both the English/American and Continental knitting techniques, lace knitting, Aran, and the multi-colored Fair Isle and Scandinavian techniques. Kate enjoys making sweaters, socks, mittens, and other garments in a variety of styles and materials, using many of her own wheel-spun yarns. She likes teaching and believes that enjoyment and enthusiasm are necessary as adults learn a new craft. Kate currently resides in Madison, Wisconsin, and has the good fortune of being married to a knitter/spinner.

## **Peter Henrikson - Grand Marais, MN**

Peter settled in Grand Marais after a transient career of log building, basket making, timber bridge building, and teaching timber skills on public lands. He is now a professional timber framer and designer and has been teaching timber framing at North House since 1998. Peter has taught black ash basketry and paddle making courses, but now focuses on timber framing and spending time with his family (he's a man who's rich in daughters).

## **Mike Hero - Grand Marais, MN**

Mike caught his first trout on a fly stream of the North Shore more than 40 years ago and has avidly tied flies and fly fished the lakes and streams of the area ever since. Mike also has extensive experience fishing the Driftless Area of southeastern Minnesota and southwest Wisconsin, as well as many of the famous trout streams of the eastern and western U.S. He was a long time member of the St. Paul Fly Tiers Club and is a life member of Trout Unlimited.

## **John Hockema - Rochester, MN**

John started birding in 1984 with his mentor, Dr. Risser, to whom he was introduced by his grandmother. Since then, John has traveled across the state of Minnesota chasing birds. On June 11, 2004, John became the third earliest ever to record 300 species of birds in one year in Minnesota, finding his 300th, a Least Bittern, near Marshall, Minnesota. He has been doing big years in Minnesota since 1998, but vows to give them up to avoid bankruptcy. Sharing his enthusiasm for birding takes many forms, including serving as a guide/instructor for spring and fall bird festivals at North House.

## **Jock Holmen - Burnsville, MN**

Jock Holmen, "The Norwegian Termite," has been a professional woodcarver for over 30 years. He is a gold medal winner at the Vesterheim Norwegian-American National Juried Exhibitions in Decorah, Iowa, and won the First Place Carving award at the 2005 Northern Woods Exhibition in Minneapolis. In addition to his commissioned projects, Jock is a contributing editor at American Woodworker magazine, and teaches woodcarving classes. He has received training and tutoring from various American and Norwegian master carvers.

## **Allen Holzhueter - Madison, WI**

Allen has been knitting since the 1980s with an interest in multi-color knitting techniques. He has focused on the knitting traditions of Northern Europe and the British Isles and has taught traditional Scandinavian, Fair Isle and Latvian projects using the multicolor technique. Allen has expanded on his fiber interests to include spinning his own knitting yarns on one of his several spinning wheels. Allen lives in Madison, where he divides his time among knitting and spinning projects and spoiling the family Greyhounds.

## **Jason Hovatter - Portland, OR**

As far back as he can remember, Jason has been wondering how things worked before our modern age of convenience and forgetfulness. As he traveled the country via foot and train hopping, he learned various leatherworking skills and apprenticed with a master shoemaker in southern Oregon. He now runs his own custom shoemaking business, traveling to medieval re-enactments across the Western US, and teaching both period and modern styles and leaving a growing army of cobblers and cordwainers in his wake. <http://laughingcrowe.com/shoemaking-classes/>

## **Amy James - Grand Marais, MN**

Amy taught herself to bake using a free Fleischmann Yeast booklet back in 1972. She has been a teacher almost as long, in settings from traditional school classrooms to wilderness, with students from preschoolers through seniors, and covering topics from life science to sea kayaking. Combining her passions for teaching and baking, with a little science and history thrown in for good measure, Amy leads bread baking courses for new to intermediate bakers.

## **Bob Janssen - Golden Valley, MN**

Bob first journeyed to the North Shore and Grand Marais when the main highway was still gravel. Since then, Bob has continued to travel the entire state in pursuit of his passion, birds. Past president of the Minnesota Ornithologists Union (MOU), Bob served as editor of the MOU journal "The Loon" for 38 years and has received multiple awards for his birding efforts. Actively involved in numerous bird surveys around the state, including all of Minnesota's 71 state parks and over 50 scientific and natural areas, Bob has published three books on Minnesota birds.

## **Julie Kean - Hovland, MN**

Julie has been making baskets and ornaments since 1981. She utilizes materials gathered from the woods around her home in Hovland. Her favorite materials are birch bark and red-osier dogwood. In 2001, Julie's artistic talents were featured on the program "Venture North" on public television. At times, Julie integrates other natural materials into her work including pinecones, driftwood and spruce roots.

## **Robert Keiper - Fountain City, WI**

For 40 years, Robert Keiper has been turning stone into tools, using both the aboriginal approach and 21st century conveniences in developing his skill as a flintknapper. He has taught hundreds of students to flint knap, keeping an ancient skill alive. Robert's work has been published in several journals. He currently runs his own flintknapping workshop and studio in Fountain City, WI.

## **Layne Kennedy - Minneapolis, MN**

Layne Kennedy is a nationally recognized magazine photographer. His assignments take him all around the globe for publications like "Smithsonian," "National Geographic," "Traveler," "Islands," "Backpacker," "Time," "Newsweek," and "National Geographic Adventure," to name a few. Layne is the founder and director of the Superior/Gunflint Photography Workshop, conducting wilderness adventure photography trips. Visit his website [www.laynekenedy.com](http://www.laynekenedy.com) or his blog [www.firstexposure.wordpress.com](http://www.firstexposure.wordpress.com).

## **Joyce Klee - Grand Marais, MN**

Having been off on other adventures, Joyce is excited to be back "on the shore" creating and teaching mosaics. Her love of color and random objects drew her to mosaics and continues to keep her intrigued. Bringing together a love of landscaping and mosaics allows for many a creation. Installations include the "Angry Trout Cafe" restroom, which made the list of "Hoity Toities" by the Minnesota Monthly magazine in October 2001.

## **Ken Koscik - Monona, WI**

Canoes and canoeing are Ken's passion. If he's not building canoes for the local Kiwanis club, he's paddling them in the Quetico. Ken first learned to build canoes in 1968 and has added over 60 new projects to his list since then. A former student at the Wooden Boat School in Brooklin, Maine, Ken keeps refining the cedar strip construction technique. The chevron has become his trademark. Visit Ken's web site to learn more about cedar-strip canoe building [www.kencanoe.com](http://www.kencanoe.com).

## **Elise Kyllo - Minneapolis, MN**

Elise is a gardener and visual artist. She finds balance in the urban chaos by engaging the seasons. In the summer, she is usually outdoors in somebody's garden; in the cold months, she is making art. The simplicity and endless possibilities of working with wool intrigue her, especially creating felted creatures inspired by her experiences as a painter and printmaker. "I can't think of a more meditative, pure and organic medium than working with wool and water and reusing old socks."

## **Bill Lane - Tofte, MN**

Despite 23 years of not-so-subtle hints from daylight, Bill Lane unflinchingly continues to conduct nocturnal owl surveys in northeastern Minnesota each spring. Since he started in 1987, he has experienced the night--its landscapes and its denizens--through a wondrous mix of awe, glee, disbelief, and sometimes disdain but always with a passion that remains as powerful in 2009 as it was in 1987. His passion, however, has been tempered by the fact that the owl he first sought in 1987 has virtually disappeared from Minnesota's boreal forest. Bill perseveres, however, because he isn't quite ready to surrender to daylight and, like any good biologist, he wants to see what happens next. Learn more about Bill's efforts at [www.mindspring.com/~owlman](http://www.mindspring.com/~owlman).

## **Cheryl Larsen - Grand Marais, MN**

Expressive movement is the essence of what sparks her imagination and kindles her inspiration. Whether it be in the form of interpretive dance, rythms of nature, the play of words or the smooth flow of dyes across silk, it is what Cheryl seeks. As a fiber artist, she has purposely developed skills in a multitude of techniques to allow her to combine various mediums, textures and embellishments in individual pieces. Cheryl's passions also include spending lots of time outdoors, writing and learning about new places and other cultures.

## **Catherine Latané - Pepin, WI**

Catherine Latané has been working with tin for 30 years. Her cookie cutters have been displayed on the White House Christmas tree. She and her husband Tom sell their craft at their shop in Pepin, Wisconsin.

## **Thomas Latané - Pepin, WI**

Tom has been devoted to traditional hand technology for working iron and wood since he made a sash saw to cut boards from a cedar log that a high school shop teacher would not let him run through the band saw in 1972. His work involved more Early American designs when he was living in Maryland, but since moving to Pepin, Wisconsin in 1983, Tom has discovered the freedom and whimsy expressed in Scandinavian metalwork. Tom's skills as a blacksmith have led to multiple invitations to demonstrate at ABANA's national conferences,

## **Lindsay & Lee Zeike Lee - Decorah, IA**

Lee and Lindsay have operated their perennial flower nursery in NE Iowa for the past 20 years. Willow work has followed them during these years as a serious sideline and passionate pastime. Together they grow a sizeable cultivated willow patch, offering their willow to craftspeople across the country. Their own willow work combines functional and beautiful baskets with garden and fencing projects. Lee and Lindsay are excited to share their knowledge and experiences about basket making, willow lore, history and culture with their students.

## **JD Lehr - Forest Lake, MN**

J.D. first visited the Grand Marais area on an undergraduate geology field trip in 1979. He later earned a Master of Science degree in geology from the University of Minnesota Duluth where his thesis research involved interpreting and mapping the glacial geology of an area north of the Iron Range. J.D. has applied his academic training in glacial geology throughout a career as a Professional Geologist employed by state government, the aggregate mining industry, and most recently as an independent consultant. J.D. and his wife Connie enjoy spending time at their cabin in Lutsen.

## **Paul Linden - Minneapolis, MN**

Paul Linden is a sculptor who lives in Minneapolis and works in the Art Department of the University of Minnesota. He has taught courses and workshops in sculptural woodworking, metal fabrication and metal-casting and has a deep love for craft-based techniques. Paul has almost never met a tool that he didn't like, and proves this by his ever-expanding collection. He takes great satisfaction from using self-made tools and is constantly modifying, remaking, and learning the use of old and new hand tools. Paul tries hard to spend all of his extra time either in the wood or metal shop, or outside with his 10-year-old son and/or his 1-year-old daughter.

## **Fred Livesay - St.Paul, MN**

Fred discovered his woodworking skills at age 10. He later trained as a wheelwright and carriage-builder for seven summers and then went on to study Scandinavian folk art, decorative arts, art history and museum studies. Fred currently makes his living as a carpenter but hopes to make teaching and craftwork his fulltime job. Fred has taught at North House since its beginning, has studied crafts in Sweden and demonstrates crafts in the five state area. Fred also teaches at the Milan Village Art School, Ingebretsen's, the American Swedish Institute and Woodcraft.

## **Derek Lucchese - South Gwillies, ONT**

Derek was an understudy and longtime friend of the famed bread oven builder Alan Scott. In fact, Derek's first run-in with Alan happened during one of the first bread oven building workshops that North House ever hosted. Since then, Derek has gone on to build a wood-fired bakery of his own on a homestead just outside Thunder Bay, Ontario. Derek runs a portable wood-fired pizza business and builds brick ovens in addition to baking weekly for the Thunder Bay Country Market. Learn more about Derek's baking and building at [www.bothhandsbread.ca](http://www.bothhandsbread.ca).

## **Eric Mase - Ely, MN**

In 1996, Eric Mase moved to Ely, Minnesota, to continue building birch bark canoes. Since then, he has built over 60 bark canoes, both full sized and scale models. For the past 12 years, Eric has spent time renewing his true passion: the drum. Eric's focus on the cedar hand drum has been influenced by the same traditional tools and building methods that stem from handcrafted bark canoes.

## **Charlie Mayo - St. Croix Falls, WI**

Since the 1970s, Charlie has had a consuming interest in birch bark. He has traveled to Scandinavia many times to study with the masters while pursuing this interest. He has demonstrated at Rice Lake Audubon, Swedish Institute, Luther College, Hostfest, and the Minnesota State Fair. Charlie is a founding board member of North House.

## **Mike McCall - Mankato, MN**

Mike was born sometime in the last century in a humble log cabin that he built with his own hands. When asked about his early life, Michael tends to mumble and change the subject. If he isn't out collecting fungus or flint, he may be seen wandering the beach at Grand Marais where he believes he lost his Congressional Medal of Honor. Mike's favorite color is blue.

## **Marcie McIntire - Grand Portage, MN**

Beadwork is widely practiced at Grand Portage, where for generation after generation it has enlivened the lives of Ojibwe people. Many of Marcie's relatives have been beadworkers, and Marcie learned by watching her mother. Today she is a traditional artist specializing in floral-based Ojibwe beadwork, operating her own gallery, Ningii-Ozhiitoomin Ojibwe Art Gallery, in Grand Portage. Marcie has been commissioned for exhibitions and instruction and teaches as far away as Arizona and Florida, and as close to home as Ontario and throughout Minnesota. Learn more about her work by visiting [www.mnfolkarts.org/marcie/marcie.html](http://www.mnfolkarts.org/marcie/marcie.html).

## **Betsey Mead - Finland, MN**

Betsey (and her family) recently lived and worked in Sweden where she taught English, arranged for private Luffarsljd lessons and worked diligently at improving her Swedish. She also mastered the art of making Swedish cinnamon rolls. She is a naturalist at Wolf Ridge ELC and is a passionate student of poetry.

## **Kurt Mead - Finland, MN**

Kurt Mead is a naturalist and homesteader trying to make a living in the forest near Finland, MN. He is the founder of the Minnesota Odonata Survey Project (dragonflies and damselflies) and the author of the award-winning "Dragonflies of the North Woods." He recently spent a year in Sweden with his family, where, among other things, he played with Swedish birch and pine in an attempt to make beautiful items of practical value. Every year brings him closer to his goal of becoming an old, eccentric putterer.

## **Yarrow Mead - Finland, MN**

Yarrow Mead would love nothing more than to wear chain mail and fight mythical creatures for a living, but, alas, she is destined to be a high school student who paints and draws her imagined quests. She is also an accomplished, semi-professional maker of hanging birch baskets and a guitar-strumming singer of folk tunes.

## **Jim Miller - Duluth, MN**

Jim Miller (Ph.D., geology, University of Minnesota) is an Associate Professor of Geology and Director of the Precambrian Research Center at the University of Minnesota Duluth. Formerly, he was a Senior Geologist with the Minnesota Geological Survey (1983-2008). His research specialty is the geology and mineral deposits of northeastern Minnesota. He has conducted geological research and led field trips for geologists and non-geologists for over 30 years.

## **Emily Moe - Duluth, MN**

Emily Moe has been a milliner and haberdasher for close to ten years. She learned her trade by apprenticing under Master Milliner Eva May in Chicago. She is captain of the Milliners of Etsy, a global group of over 300 milliners. She loves hat-making because she can use all of her experience with other media in her hats. She believes that what one wears is a person's purest form of artistic expression and that it is good to be comfortable in both stilettos and Carhartts, but probably not at the same time. She and her husband Adam, an embroidery artist, are the driving forces behind Moe Sew Co -- Fine millinery and hand-embroidery for the discriminating weirdo. They have shown their work together at craft fairs in Minneapolis, Chicago and Nashville. Emily's Moe Sew Co millinery division maintains an Etsy storefront at [MoeSewCoMillinery.etsy.com](http://MoeSewCoMillinery.etsy.com). She relocated to Duluth from Chicago last August.

## **Phillip Odden/Else Bigton - Barronett, WI**

Phillip and Else are professional woodcarvers and furniture makers in the Norwegian tradition. They have taught carving classes for over 20 years, specializing in the classic ornamental styles of Baroque (acanthus), Rococo, and Romanesque dragon style. Else is also an accomplished weaver and cabinet maker. Phillip enjoys picture carving, free form ale bowls, and kubbestols. The couple was commissioned to work on the Stave Church which stands in the Norwegian Pavilion at Epcot in Florida and the Gol Stave Church replica, which stands in Minot, North Dakota. Visit [www.norskwoodworks.com](http://www.norskwoodworks.com) to learn more.

## **Grant Olson - Decorah, IA**

Grant is a gardener, builder, and teacher who developed an interest in self-sufficient living while growing up in the fields and forests of southwest Wisconsin. He currently creates educational and interpretive content for Seed Savers Exchange in Decorah, Iowa, and maintains their display gardens during the growing season.

## **Dmitry Orlov - East Boston, MA**

Dmitry Orlov is the author of the award-winning book Reinventing Collapse: The Soviet Example and American Prospects and of the forthcoming The Five Stages of Collapse: Survivors' Toolkit. Born in Russia, he moved to the US while a teenager, and has traveled back repeatedly to observe the Soviet collapse during the late eighties and mid-nineties. He is an engineer who has worked in many fields, including high-energy Physics research, e-commerce and Internet security. For the past five years he has been experimenting with off-grid living and renewable energy by giving up the house and the car. Instead, he has been living on a sailboat, sailing it up and down the Eastern Seaboard, and commuting by bicycle. Dmitry believes that, given appropriate technology, we can greatly reduce personal resource consumption while remaining perfectly civilized.

## **Shawn Perich - Grand Marais, MN**

Shawn Perich grew up in a northern Minnesota hunting family and began helping out with home deer processing at a young age. He is an avid hunter who enjoys preparing and eating wild game. Perich is veteran outdoor writer and co-owner of Northern Wilds Media, Inc. in Grand Marais. His popular weekly column, Points North, has appeared in Minnesota Outdoor News for over 20 years. He resides in Hovland with his partner Vikki and their two dogs.

## **Cathryn Peters - Angora, MN**

Cathryn is a wicker furniture restoration expert, chair seatweaver, deer antler basketmaker, teacher, writer and pattern author. She delights in sharing her 35+ years of accumulated knowledge and resources to help others perpetuate the nearly lost art of wicker restoration, chair seat weaving, and basketry. Cathryn's works have appeared on public television, in books, periodicals and galleries. She teaches nationwide through basketry workshops, folk schools, woodworking schools and basket guild conventions. Visit her resource and information website at [www.WickerWoman.com](http://www.WickerWoman.com)

## **Craig/Dianne Peterson - Grand Marais, MN**

Craig and Dianne relocated to Grand Marais from Waseca, Minnesota, where they made their own Swedish Potato sausage and demonstrated sausage making at Farmamerica, the Minnesota Agricultural Interpretive Center. With a focus on organic ingredients and healthy food products, they have been teaching classes at North House for over 11 years and have been featured in the Minneapolis Star Tribune. Over the years, they have expanded sausage offerings to include German, Italian, Mexican, American, Moroccan and Minnesota's own "North House Wild." They are currently expanding into smoking sausage.

## **Lou Pignolet - Hovland, MN**

Lou grew up in New Jersey and came to Minnesota in 1970, where he taught and did research as a chemistry professor at the University of Minnesota in Minneapolis. After 38 years he retired to Hovland, MN, to enjoy the wild nature of the North Shore. Lou and his wife have had a cabin in Hovland since 1980. Lou has always had an interest in woodworking and became inspired by the beautiful lathe turned wood bowls in Hawaii during a vacation in 2005. After taking a course in wood turning on a spring-pole lathe at the North House in 2006, he set up a woodturning shop in Hovland and learned the craft by trial and error and advice from wood turners in Hawaii. Lou spends much of his time turning artistic bark-edged and unusual shaped bowls from local wood. His bowls combine the natural beauty of the wood with form and function. He participates in art shows and workshops on the North Shore and has established a reputation for making unique wooden bowls that are in high demand.

## **Harley Refsal - Decorah, IA**

Harley specializes in Scandinavian-style flat plane figure carving, a minimalist style that leaves the tool marks exposed. He has won numerous carving awards and has taught carving classes throughout the United States, Canada, and Scandinavia. In 1996, he was decorated by the government and King of Norway for his contributions to Norwegian folk art studies. Harley is the author of "Art and Technique of Scandinavian-Style Woodcarving." In addition to his carving and teaching, Harley is a professor of Norwegian language and Scandinavian folk art at Luther College, Decorah, Iowa.

## **Mary Reichert - Duluth, MN**

Mary began working on farms and learning the fiber arts in her mid twenties, knitting, spinning, and weaving, but it wasn't until she started felting that she focused her passion for creating beauty in the world. She loves the textures, the ability to shape forms without sewing, the ability to sew forms with such a forgiving fabric, and the connection to a long line of those who have come before, especially the nomads of Central Asia whose lives rotate with the seasons of the grasslands and the animals they sustain. Mary hopes to keep breathing new life into these old ways, honoring the incredible marriage of function and beauty and passing on this art through hands-on experiences at her studio, Otlak Felt Studio and Clothing, in her hometown of Duluth, MN.

## **Bob Ristow - Hopkinton, IA**

Bob's interest in Shaker Oval Boxes began with a visit to the Canterbury Shaker Village in New Hampshire. To advance his knowledge in box making he attended several classes taught by John Wilson at the Home Shop in Charlotte, Michigan, to learn the procedures in making these boxes. Since then Bob has demonstrated these procedures at several woodcarving clubs in Iowa and Minnesota, and has taught several classes at the Fine Woodworkers Store in Cedar Rapids, Iowa, Waldorf Woodcarving Weekend at Forest City, Iowa and at the Woodcarvers Rendezvous at West Glacier, Montana. Bob is also experimenting with different woods, shapes and sizes to make these boxes. His other interests are woodcarving, woodturning, winemaking and fiber arts.

## **Judy Ritger - River Falls, WI**

Judy has been rosemaling for over 30 years and has studied with many Norwegian instructors. She has had the privilege of joining three study tours to Norway through Vesterheim Museum, and has earned a Gold Medal in both rosemaling and woodcarving. Her interests in Norwegian craft include kolrosing, chip carving, figure carving, acanthus carving and dragon-style carving. If that weren't enough, Judy and her husband can boast of 4 children, 13 grandchildren and 4 great-grandchildren, keeping them quite busy all year-round.

## **Karen Rognsvoog - Minnetonka, MN**

Karen has been dyeing natural fibers and growing plants for dye since the mid-70s. Always interested in the colors of nature, boiling plants, weeds, flowers and bark for use with fibers made this an inexpensive hobby for her. After some hands-on experience, she began teaching in schools and community centers in the Twin Cities area. She regularly teaches at North House Folk School and the Clearing Folk School, Minnetonka Center for the Arts, and the Minnetonka Community Center. She is a professional pianist and amateur cellist and teaches piano lessons. Some of her other hobbies include fishing, Japanese ink painting, Japanese shibori, gardening (has her own dye garden), spinning and ham radio. She's always on the lookout for new and interesting dyestuffs, so don't follow her on the road too closely. She notes, "I brake for roadside weeds."

## **Ann Russ - Grand Marais, MN**

Ann has been a resident of Cook County since the 1980s. She has led numerous naturalist activities for all ages in all seasons and considers annual bird migrations one of life's joys. Harmony singing is another passion; her ability to spontaneously coax multiple harmony parts out of any size group, whether four or four hundred, is legendary.

## **Jim Sannerud - St. Paul, MN**

Jim Sannerud has been working with wood since he took a woodworking class at the age of nine. That experience inspired him to start his own woodworking business and teach others the beauty and quality of hand-made woodenware. In 2007, he began a pilot program in Ukraine, teaching woodturning to children in orphanages. He has taught private and small group classes for the last 4 years in his St. Paul studio, as well as in various folk schools throughout Minnesota and the Woodcraft store in Bloomington. Jim makes his living as a woodturner, and lives with his wife Nancy and dog Jack in St. Paul.

## **Mike Schelmeske - Grand Marais, MN**

Mike's interest in Native American and Scandinavian traditions has kept him constantly pursuing boreal forest crafts and materials for project ideas. He finds utility craft particularly intriguing, and the thought of putting his crafts to work on an everyday level keeps him searching for the next project. Whether it's carving toys for his daughter Aurora or shaping canoe paddles from a crooked knife he fashioned from an old file, Mike's ingenuity and approach to craft is refreshing.

## **Cecilia Schiller - St. Paul, MN**

Cecilia Schiller is a woodcarver and sculptor creating original and custom work in her St. Paul studio. Over the past 4 years she has been creating whimsical interactive sculptures (also known as automata) that have carved figures and moveable parts that are brought to life through the turn of a crank. Cecilia first began carving wood in 1993 and quickly became enamored with process and the beauty of wood. She studied European relief carving tradition for seven years and in 2000 traveled to Bali, Indonesia for three months intensive study of traditional Balinese Mask Carving (including holding the wood with one's feet).

## **Mary Schliep - Grand Marais, MN**

Mary started rosemaling in 1989 and has been busily painting ever since. Mary specializes in the Valdres and Telemark styles (each defined by the geographic region where they found their beginning in Scandinavia). Since the school's founding, Mary has been a consistent teacher at North House. She demonstrates annually at Hostfest in Minot, North Dakota.

## **Larry Schmitt - Madison, WI**

As a child, Larry learned many textile techniques from his parents, including nalbinding. Since the early 1980s, he has been teaching and researching nalbinding and has written a number of instructional manuals. These workbooks are some of the only resources on nalbinding in English. Larry has taught and exhibited nalbinding throughout the country and has even had students from Norway and Germany, but he considers North House home base. Larry is also interested in traditional, easy-to-complete textile projects that utilize tools and equipment that are portable and easy to obtain or construct. His classes at North House reflect his continuing interest in traditional textile crafts.

## **Randy Schnobrich - Grand Marais, MN**

Randy's life in the North is a classic: he has mused dogs, planted 20,000+ trees on his homestead and built eight outbuildings on his property (but still no garage). He moved to the North Shore from Wisconsin in 1994 with plans to raise a family and create a new lifestyle. After buying some land "back in the woods a bit," he and his wife built a woodshop and log home, a perfect spot to raise three kids and live a little closer to the earth. With more than 20 years of woodworking under his belt, Randy has built everything from cabins to dogsleds, commissioned furniture to custom doors. Nearly all of his interests lie in the outdoors, and he says it's hard to remember life before Cook County.

## **Robert Schulz - Hillsboro, WI**

Robert Schulz has been blacksmithing since 1996, focusing on the techniques of traditional joinery. He has been a student of many great smiths including Bill Fiorini, Chuck Patrick, Jim Batson, Tom Latane, Clay Spencer, and Peter Ross, and has taken intensive internships at the John C. Campbell Folk School and Tillers International. Along with blacksmithing, Robert and his family are homesteading their off-the-grid SW Wisconsin land practicing natural building techniques, draft horse power, and organic agriculture. Robert is also co-founder of the Driftless Folk School in Vernon County, WI ([www.driftlessfolkschool.org](http://www.driftlessfolkschool.org)).

## **Dan Seemon - Chisago City, MN**

A frequent visitor to the North Shore, Dan works as an ecologist with the U.S. Army Corps of Engineers implementing the Clean Water Act. Dan has avid interests in canoeing, backpacking, skiing, snowshoeing and fishing. He has been involved with canning most of his life and has canned pickles, green and yellow beans and onions. His record stands at 225 jars of pickles in 6 hours (Dan also has a lot of friends). He can often be found standing on the Temperance River bridge on the Sawbill Trail or playing with one of his best friends, Homer the Dog.

## **Michael Seiler - Robbinsdale, MN**

Michael is a goldsmith and jewelry designer in Minneapolis, MN, and has been working in the metal arts since 1995 mastering the techniques of fabrication, stone setting, wax carving, stone cutting, and stone inlay work. He has worked with a number of prominent local designers as well as teaching metal working classes at Minnetonka Center for the Arts. Michael's jewelry designs were recently exhibited at the Dahl Center for the Arts, Rapid City, SD. His goals are to create new and innovative techniques in stone setting, and ring design combining lapidary and metal work. Visit [www.michaelseilerdesigns.com](http://www.michaelseilerdesigns.com).

## **Molly Sharp - Flat Rock, NC**

Molly first studied her craft in England over 30 years ago. After living in England for 10 years, she moved back to the U.S. in 1981 and perfected her skills through various workshops with some of this country's finest jewelers. She has been a fulltime professional jeweler since 1995. Molly is the mother of two grown children and resides in western North Carolina with her husband, potter David Voorhees. Molly also has work in numerous galleries throughout the U.S. and is a member of the prestigious Southern Highland Craft Guild in Asheville, NC. Visit [www.handinhandgallery.com](http://www.handinhandgallery.com).

## **Erik Simula - Grand Marais, MN**

Erik is a master birch bark canoe builder and former national park ranger at Grand Portage National Monument. Inspired by Finnish, Saami, and Anishinabe art and culture, Erik skis or hikes to his cedar sauna-home in the woods. Hunting, trapping, fishing, harvesting wild rice, netting fish, and hauling ice and firewood by dog team contribute to Erik's subsistence lifestyle. A former outdoor skills instructor for Voyageur Outward Bound and Vermillion College in Ely, Minnesota, Erik's many skills include being a logsmith, dogsled builder, snowshoe-maker, and wilderness guide. Visit [www.arrowheadjourney.wordpress.com](http://www.arrowheadjourney.wordpress.com) to learn more.

## **Karen Smaby - Grand Marais, MN**

In an effort to un-earth herself from the mountains of scraps she accumulates as an avid fiber artist, Karen revels in recycling projects, like penny rugs, that make use of materials she already has. Karen works with both wool and paper to create an intensity of colors and textures in items of everyday use. She is a member of and exhibits through the Northwoods Fiber Guild and teaches bookbinding to local high school students.

## **Melinda Spinler - Grand Marais, MN**

Melinda Spinler, together with her husband/man of all trades, lives on a self-sustaining homestead outside of Grand Marais. She is a partner in a cooperative Community Supported Agriculture, raises chickens and ducks for eggs and meat, operates a commercial maple syrup operation, harvests wild edibles of all kinds, enjoys electrical usage generated via the sun and wind, fills their freezers/ root cellar/pantry shelves with their food year round and still has time to enjoy the northwoods. Whew...

## **Gigi Stafne - New Auburn, WI**

Gigi is an enthusiastic educator, activist and writer within the botanical and natural medicine world, presently the coordinator of Herbalists Without Borders, a national & international non-profit addressing issues of natural medicine health care access globally. Earth ethics, ecology, sustainability and environmental health are woven through all the courses that she teaches. Presently, she teaches through Green Wisdom and operates Wild Earth Eco Tours, offering programs in herbalism to cross cultural ethnobotany tours. Gigi invites you to join her in a North House class with open hands, heart and mind.

## **Jarrod StoneDahl - Odanah, WI**

Jarrod lives in Northern Wisconsin with his wife, April, and their four children. Jarrod is of Scandinavian descent, and much of his woodworking style is taken from this. He has been working with wood professionally since 1993. Using primarily hand tools, Jarrod carves spoons and bowls, builds skin boats and birch bark canoes, and log and timber framed homes and much more. WOODSPIRIT, their business, is dedicated to the preservation and use of the items that were used in earlier times in day to day living.

## **Jon Strom - Marquette, MI**

Look for the woodchips flying and you're sure to find Jon. Jon is a sculptor, woodworker, and log builder with a strong interest in Swedish spoon and bowl carving techniques as well as the history of log building. He has demonstrated at Grand Portage National Monument, Old Fort William, and White Oak Society, and has taught at various workshops, including Goods from the Woods in Grand Rapids. Jon has also designed his own bowl-carving bench, which may be adapted by students for their own workshops.

## **Paul Sundberg - Grand Marais, MN**

Born and raised on a small farm south of McGregor, Minnesota, Paul started photographing the North Shore when he and his wife Karla moved to Cascade River State Park in 1976. The North Shore of Lake Superior is one of Paul's favorite spots to photograph. Many family memories have been created while traveling the shore with their children, Rebecca and Adam. The Sundberg family moved to Gooseberry Falls State Park in 1983 where Paul worked for 28 years before retiring in 2010. Paul and Karla currently reside outside of Grand Marais where Paul continues to pursue his passion for photographing the wildlife around Lake Superior and the BWCAW. Paul's photos are frequently published in Lake Superior Magazine, The Boundary Waters Journal and the Wolf Ridge Environmental Learning Center calendar.

## **Paula Sundet Wolf - Lutsen, MN**

Paula has been gathering grasses and brush to make traditional crafts for the past 25 years. A resident of northern Minnesota, Paula has a deep appreciation for the Northwoods and its resources and likes to convey that appreciation through her basket weaving and twig furniture. Paula has a PhD in anthropology with an emphasis on utilitarian art of North American cultures. She sells her work from her home.

more details, more photos: [www.northhouse.org](http://www.northhouse.org)

## **Rueben Swenson - Grand Marais, MN**

News articles written about "The Frugal Fly Fisher" make apparent Rueben's wealth of knowledge of fly fishing the Arrowhead region of Minnesota, as well as the southern regions of the White River system of Arkansas and Missouri. Rueben was certified as a fly casting instructor by the Federation of Fly Fishing in 1998 and has instructed numerous individuals and groups on all facets of fly fishing. Ask him about the two world records he holds for brown trout caught on a fly rod sometime.

## **Ann Tessneer - Harris, MN**

Ann resides in east central Minnesota with her husband Mike. Ann and Mike have been making wine for 13 years, starting with wine made from the crabapple trees in their backyard. In 2008 Ann and Mike decided to become more serious about their wine making and formed Stark Wines (now known as North Folk Winery), a small winery located adjacent to their homestead property. At that time they planted 1,500 berry bushes, 25 apple trees, and 1/4 acre vineyard of U of M variety grapes. In 2010 plans were underway to design the winery of timber frame construction to be built at the North House Folk School. In June 2011, with the help of 33 volunteers, the joinery for the Vinsted was completed. The timbers were raised in July and the Vinsted was officially open to the public in May 2012.

## **Matt Thomas - Grand Marais, MN**

Matt started his sailing career right here in Grand Marais, and then he moved on to the Caribbean and sailed tall ships for the better part of 20 years. He has sailed across the Atlantic three times and spent a summer sailing in the Mediterranean. He has been fortunate to see a lot of beautiful areas but he reports that "the North Shore of Lake Superior is still one of my favorite sailing areas list." Being able to come back home and sail for North House is absolutely a perfect fit.

## **Pat Thomas - Duluth, MN**

Pat is a wildlife garden educator and photographer. She and her husband share their yard with many creatures and their gardens are certified by the National Wildlife Federation and the Monarch Waystation Programs. Pat served as a Master Gardener for over 10 years and founded the first chapter of the North American Butterfly Association in Minnesota. She believes a garden comes to life with butterflies.

## **Gene Tokheim - Dawson, MN**

Gene has been teaching since the 1980s in the United States and Norway. His work has been exhibited in shows at the University of Minnesota, the Folk Art Museum in New York City, and the Hedmark Museum in Hamner, Norway. Gene has won the Gold Medal in knifemaking in the national competition at the Vesterheim Museum in Decorah, Iowa. Gene graduated with an arts degree from Southwest Minnesota State University.

## **Lucia Watson - Minneapolis, MN**

Lucia Watson is the proprietor and chef of Lucia's Restaurant, which opened in 1985 in one of Minneapolis' oldest neighborhoods. Ms. Watson, a third generation Minnesotan, learned to cook from her grandmother, Lulu, who used to pick blueberries and bake bread in a wood stove in the family's summer cabin on the Canadian border. Lucia opened Lucia's Restaurant 27 years ago. Lucia's was the first in this region to offer a small menu that changes weekly. Lucia's is deeply committed to using locally produced products, and the cooking is tied closely to the land and the seasons. Lucia has long been deeply committed to local and sustainable food, which is reflected by her culinary skills, her menus, and in the warm hospitality of her restaurant.

## **Rob Wells - Grand Marais, MN**

Rob Wells is the executive chef of Lutsen Resort. He is a native New-Mexican, having grown up in the vicinity of Santa Fe, and has worked at several area restaurants most notably the Coyote Café, Inn of the Anasazi, and La Casa Sena. Rob lives in Grand Marais with his wife Kate and their two daughters Bronwyn and Aria.

## **Marie Westerman - Grand Marais, MN**

Marie Westerman is a weaver/fiber artist who exhibits her work around the country. She also teaches, writes and lectures about weaving. The particular weaving technique she specializes in, pick-up doubleweave, is a modern adaptation of an ancient type of weaving associated with the Scandinavian countries. Her artwork involves pictorial images woven using two or more different-colored warp layers, interwoven to achieve reversible patterns. Much of her current inspiration comes from her surroundings near her home in the north country near Grand Marais.

## **David, Samantha and Stephanie Williams - Grand Marais, MN**

David Williams, along with daughters Samantha Williams and Stephanie (Williams) Radloff, who were born and raised in Grand Marais, are all U.S. Coast Guard Licensed, operate their Lake Superior charter fishing and guiding business on Lake Superior. Their love for fishing, friendliness, and knowledge of the area will assure you of a memorable trip aboard the 27' foot Regal Commodore, aptly named "Fishin Chics & Dad."

## **Jo Wood - Duluth, MN**

Jo loves gardening, walks in the woods, and every kind of textile art. An award-winning bead and fiber artist, she has practiced her skills with needle and thread for over 40 years, making everything from tipis to wedding ensembles. She has shared her knowledge and passion for hand stitching with students both regionally and nationally since 1997. Jo is a bead artist inspired by nature. Through her work she shares her connection with the abundance, peace and beauty of this place. Visit her website at [www.JoWoodBeads.com](http://www.JoWoodBeads.com).

## **Jeanne Wright - Grand Marais, MN**

Jeanne believes that hands are a glimpse into a person's life story. Her grandparents' strong thick fingers supported their farming life. Inspired by those around her that create with their hands, Jeanne has kept hers busy, too. She has built her own timber frame house and sauna (with her trusty husband), stocks the root cellar with garden produce, renders bear fat for soapmaking, and wields a hammer to build toys with her daughter. From wood working to fiber arts, beekeeping to mosaics, her hands are beginning to show her life's work. Grandpa would be proud.

## **Nick Wroblewski - Viroqua, WI**

Nick is a Midwest printmaker specializing in hand cut wood block prints. He studied art at Bennington College in Vermont and later taught himself the technique of relief printmaking. Nick was a working member of Highpoint Center for Printmaking in Minneapolis for three years and now has a print shop in Viroqua, Wisconsin. Nick's work is usually derived from the natural world with themes about animal communication, migration, and survival. He has been busy creating new images with woodblocks since 1996. Visit Nick's website at [www.nickwroblewski.com](http://www.nickwroblewski.com).

## **Vladimir Yarish - Veliky Novgorod, Russia**

Vladimir Yarish, a master, award-winning basket maker, has worked with birch bark for more than 24 years. Born in Qaraghandy, Kazakhstan, he moved to Novgorod Province. He has been teaching birch bark basketry at his studio in the Cultural Palace of the city of Veliky Novgorod since 1993. Beginning in 1997 Vladimir has been invited to teach classes all over the US. Vladimir has published many articles on birch bark and traditional basket making for both academic journals and popular magazines. He is currently researching the history of traditional birch bark basketry, hunting, as permitted, every relevant museum and archeological site in Russia. His works have been featured in the Hamburg Museum of Ethnology, Germany, the St. Petersburg Toy Museum, and the Novgorod State Museum of Architecture, History, and Fine Arts. He has participated in numerous exhibitions and won awards at home and abroad for his basket-making talents.

## **Rick Yonker - White Bear Lake, MN**

Rick has been tinkering with wood for many years. He has also been bow hunting and doing recreational archery since 1980. In 1995 he began learning the craft of building traditional longbows. He has taken several classes and taught many others how to build their own wooden bows. Rick managed his own bow building business called Kickapoo Valley Longbows. Now a high school teacher, Rick lives in White Bear Lake with his lovely wife Sue, three beautiful daughters, and his cat Honey.

## **John Zasada - Grand Rapids, MN**

The biology, ecology, use and management of birch in northern forests has been a favorite topic of John's for many years. John is a retired silviculturist with the U.S. Forest Service in Grand Rapids.

**"fun upbeat class."**

- from a student evaluation form

## Course Registration

Course registration may take place over the telephone, by mailing/faxing in a completed course registration form or by going online to [www.northhouse.org](http://www.northhouse.org). Upon receipt of a registration and payment of the registration deposit, space in the selected course is reserved. A confirmation packet is then mailed out, including a required tools/materials list, a list of local accommodations and a liability release form which must be signed prior to class.

### Course Sizes & Registration Deadlines

Courses are intentionally kept small and often fill quickly. Pre-registration as early as possible is encouraged. Registering at least three weeks prior to the course start date is especially advisable as courses without a minimum number of registrations may be cancelled. If you find a class you want to take close to the start date, give us a call. Last minute changes may open a spot just for you!

### Deposit & Payments

A registration deposit equal to \$50 or 33% of the course tuition (whichever is greater) is due upon registration. For courses with tuition less than \$50, the registration deposit equals the full course tuition. The remaining tuition balance plus the materials fee (unless otherwise indicated), is due three weeks before the course begins. For courses where the materials fee varies, the fee is paid directly to the instructor on the first day of class. Payments must be made in US funds by cash, check or money order payable to North House Folk School. We also accept credit cards: Visa, M/C, AMEX or Discover.

### Waiting Lists

North House manages waiting lists for courses that have filled to capacity. Individuals on the waiting list are contacted only if an opening becomes available.

### Cancellations

If we must cancel a course, students receive a full refund of any payments made for that course. Students who cancel their enrollment more than 21 days prior to the first day of the course will receive a refund less a \$50 cancellation fee to cover administrative costs. In recognition of the time and energy instructors invest in preparing for courses, students who cancel their enrollment 21 days or less prior to the first day of the course are not eligible for a refund.

### Age Policy/“Age with Adult” Intergenerational Learning

All classes at North House Folk School are designed for and open to students 18 years old and up. In the interest of encouraging intergenerational learning, some North House courses are open to students under the age of 18 provided that they are accompanied by a fully enrolled adult student. Due to the unique nature of each course, minimum age requirements are defined by the instructor. All courses that are open for intergenerational learning are clearly defined by the course description. Generally youth tuition is discounted 25%, please inquire at registration about restrictions and more information.

### Local Discounts

A local discount of 25% off course tuition (up to \$200 a calendar year) is available to legal, year round residents of Cook County, MN. The discount does not apply to materials fees. Proof of residency is required (MN Driver's License or MN State ID).

### Scholarships

Scholarships are available based on financial need. Call for more information.

### Non-Discrimination Policy

In North House Folk School programs, no individual or group will be discriminated against because of race, gender, national origin, age or disability.

### Membership

North House Folk School exists thanks to the financial support of 800+ donors whose foresight and generous commitment have been an essential. If our educational efforts align with your own ideals and interests we encourage you to become a supporting member. Every gift makes a difference.

Membership benefits include two annual course catalogs, our membership newsletter *Shavings*, invitations to special events and programs, and free-admission to special event speaker programs.

North House Folk School is recognized by the Internal Revenue Service as a 501(c)(3) non-profit school. All donations are tax deductible to the extent allowed by law.

### Memorials, In-Kind Gifts and Endowment Bequests

North House Folk School welcomes many types of charitable contributions as long as they support our educational mission and vision. Gift types include annual support, memorials, in-kind donations and planned giving. For more information on giving, please contact us at 888.387.9762. North House's endowment fund is part of the Cook County Community Fund and the Duluth-Superior Area Community Foundation.

888-387-9762

# course registration & membership form

Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

E-mail \_\_\_\_\_

YES, I want to sign up for the following courses:

Course Title	Date of Course	Tuition	Materials
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Totals \_\_\_\_\_

Deposit (\$50/course or 1/3 tuition, whichever is greater) \_\_\_\_\_

YES, I know North House is a 501(c)3 non-profit and want to support its mission. (Your gift is tax-deductible.)

My/Our donation amount is: \$25 \$50 \$75 \$100 Other \_\_\_\_\_

Please list my/our name as follows for donor recognition: \_\_\_\_\_

\_\_\_\_ This donation is for North House annual/membership support campaign

\_\_\_\_ This gift is a memorial recognizing \_\_\_\_\_

\_\_\_\_ I/We wish to be anonymous

\_\_\_\_ My gift will be matched by my employer

\_\_\_\_ I have included North House in my estate

\_\_\_\_ I would like to learn more about including North House endowment in my will

Payment Information

Total Enclosed: Deposit of \_\_\_\_\_ + Donation of \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_ check enclosed: made payable to North House Folk School

\_\_\_\_ credit card: please bill my credit card

name on credit card \_\_\_\_\_

card number \_\_\_\_\_

exp. date \_\_\_\_\_ security code (on back of card) \_\_\_\_\_

Admin use only

REG \_\_\_\_\_

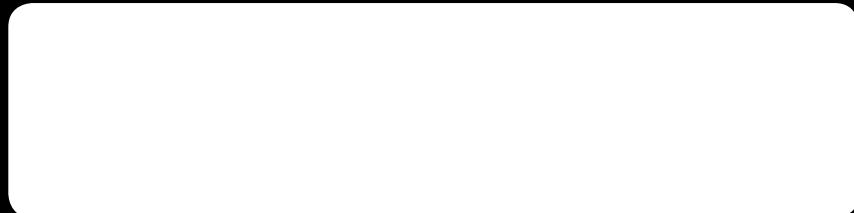
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