

WAE 2018 Winter Workshop

EnCOMPASSing: Progress, Perspectives, and Possibilities in EE

January 19-21, 2018

Treehaven Field Station ~ Tomahawk, WI



Friday

4:30-9 pm

Registration **Bear Track Lounge**

6:00 pm

Dinner (*prior registration required*) **Cafeteria**

7:00 pm

Welcome & Opening Activity with August Ball **Downstairs Auditorium**

8:00 pm

Evening Activities and Events

- **WAE Student Member meeting ~ Library**



- **Campfire ~ Join us for a campfire!**

- **Bear Track "Lounge-about" ~ Interact with workshop participants by playing various board games or chatting around the fire. Bring a favorite game to share or an instrument to strum if you wish!**

8:30 pm

Film Screening **Downstairs Auditorium**

Possible evening snowshoe on your own



Saturday

Saturday 8:30-9:30	9:40-10:40	10:50-11:45	11:50-12:35	12:45-1:45	1:50-2:50	3:00-4:00	4:15-5:30	5:30	6:30-?
Session 1	Session 2	Featured Speaker	Lunch	Session 3	Session 4	Session 5	Free Time	Dinner	Evening Activities
Engaging Families of Color: A Model Room 200A	A Look Into Teaching Students with Intellectual Disabilities in Environmental Education Room 200A	Keynote: August Ball Downstairs Auditorium	Cafeteria	Performance-Based vs. Value-Based Assessments: Think Tank Room 201	Reviewing and Renovating Programming to Meet Expectations and Standards Room 200A	Speed Networking Downstairs Auditorium	Snowshoe, Ski, chat, set up Brutal Gourmet, etc	Cafeteria	Nertz Tournament Cafeteria
Tree Inventories on School Grounds Room 201	Recycling Waste Reduction Activity Training Room 201			Place-Based Pollination Ecology Room 200A	Farm to Early Care and Education - Links and Applications for EE Room 201				LIVE Music by Bernie Thompson Downstairs Auditorium
Repairing the Harm: Restorative Justice for the Natural World Room 205	Exploring Winter through Games on Snowshoe Meet in Bear Track Lounge			Minocqua Brewing Company Lounge					
Seeds and the Secret to Life Room 105	Environmental Education Using the SE Inquiry-Based Instructional Model Room 205			Brutal Gourmet Lounge (5-6:30; 4:30 set up time)	Games, fireside relaxation Lounge				
	#TeamWork: Building Capacity and Community through Social Media Collaboration Room 105								
DEI Short Course 8:30-10:30	DEI Short Course 12:30-3:30/4:00-5:00			DEI Short Course Fireside Chat 6:30-7:30					

Strand 1: Progress, Strand 2: Perspectives, Strand 3: Possibilities



Limited Number of Participants ~
Sign up at Registration Table



Dress for the Weather ~
You will be going outside!

7:30-8:20 am

Breakfast (Cafeteria)/Registration (Lounge)

8:30-9:30 am

Session 1

Engaging Families of Color: A Model of Success

Strand 2: Perspectives

Presenters: *Shaheen Sutterwala and Layna Macaulay, Edgewood College*

Abstract: The ROSE Project (Resources and Opportunities in Science Education) is a successful model for engaging families around science and engineering ideas. We will describe the project and discuss how this model can be used to address environmental topics with the same success. Sample activities from this year's "Hidden Worlds" theme will be shared.

Room 200A

Tree Inventories on School Grounds



Strand 3: Possibilities

Presenters: *Dan Buckler, WDNR, Todd Shucha, Waunakee High School*

Abstract: Tree inventories are surveys of trees pursued for management purposes. Though usually compiled for municipalities, the DNR and Waunakee High School (Dane County) will show how tree inventories can be incorporated into your classroom, providing not only an educational experience, but useful information for your school. Attendees are encouraged to download the free Epicollect 5 application on their smart phones in anticipation of the session (five.epicollect.net).

Room 201

9:40-10:40 am

Session 2

A Look into Teaching Students with Intellectual Disabilities in Environmental Education

Strand 2: Perspectives

Presenter: *Andrew Sakschek, UWSP and Dr. Becca Franzen, UWSP*

Abstract: My intention is to discuss how to teach, work with, and focus on students with learning disabilities within natural resources education. I intend to use first-hand experience as a disability student, also being a natural resources education major myself, I feel this gives me a unique perspective on this topic. I intend to discuss communication techniques when speaking with disability students workarounds when encountering roadblocks and different technologies that can be used in this field.

Room 200A

Recycling & Waste Reduction Activity Training

Strand 3: Possibilities

Presenter: *Angie Ziobro, Hennepin County, MN*

Abstract: Experience a newly created (and free to use) curriculum resource for classrooms, community groups, and public programs/events. Each activity teaches about current environmental issues with tangible action steps. In this interactive session you will participate in a hands-on training. Topic areas include recycling and waste reduction. This training will focus on activities for elementary-adult age groups. Come ready to have fun, meet other educators, and learn new and innovative ways to teach community members, students, and friends about waste reduction and recycling. Leave the workshop with printed copies of each activity, knowledge to conduct them yourself, and access to additional free online resources.

Room 201



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11:50 am-12:35 pm **Lunch**

12:45-1:45 pm **Session 3**

Performance-Based vs Value-Based Assessments: Think Tank

Strand 1: Progress

Presenter: *Sam De Roche, Central Wisconsin Environmental Station*

Abstract: Apples are not always apples. Using assessment tools that are performance-based can be like assessing a primary environmental education program as if it already has a PhD. We may have entered an era where it may serve us better to create value-based assessment tools. Let's talk about it.

Room 201

Place-Based Pollination Ecology

Strand 3: Possibilities

Presenter: *Layna Macaulay, Edgewood College and Marshfield Clinic AmeriCorps*

Abstract: Gain insight into running a place-based pollination ecology project in a variety of settings, from classrooms to informal education centers. Through a brief seminar and sample activity, you will learn about designing a program to engage parents in their children's learning and enhance participants' understanding of their natural environment.

Room 200A

1:50-2:50 pm **Session 4**

Reviewing and Renovating Programming to Meet Expectations and Standards

Strand 1: Progress

Presenter: *Elise Schuler, Raptor Education Group, Inc. (REGI)*

Abstract: REGI has been doing educational programs since the 1990s, and in recent years, program development has stalled. We've noticed a need for and begun the process of evaluating and renovating our programming to include more options, be more science based, and meet science standards used by our local schools.

Room 200A

Farm to Early Care and Education - Links and Applications for EE

Strand 3: Possibilities

Presenter: *Debra Moses, Community Groundworks*

Abstract: Farm to Early Care and Education is a concept that has firm links to environmental education. I will explore our connection to nature through food using fun, hands-on activities for ages 0-5. I will also discuss how we are using our Farm to ECE work to address equity issues.

Room 201



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12:45-2:50 pm

Combined Sessions 3 & 4

Exploring Winter Through Games on Snowshoe



Strand 3: Possibilities

Presenter: *Jim Joque, Steve Foltz, UWSP retirees and former education instructors at Treehaven*

Abstract: Explore winter by joining in the fun of playing games on snowshoes with two seasoned snowshoe instructors...taking away methods of teaching and inspiring children, family and adult groups. Hide & Seek, races, blind maze, kickball and volleyball are all played on snowshoes. Bring your snowshoes or borrow snowshoes from Treehaven.

Meet in Bear Track Lounge

Environmental Education Using the 5E Inquiry Based Instructional Strategy



Strand 3: Possibilities

Presenters: *Dr. Tanzeem I. Ali, University of Wisconsin- Superior and Dr. Rebecca Franzen, UWSP*

Abstract: In our presentation we will be sharing hands-on ideas that are based on the 5Es, aligned with the Environmental Education and NGSS standards. Other resources and collaborative opportunities would include, but not be limited to the Teacher education network of environmental educators (TENFEE) of the Wisconsin Association of Environmental Educators (WAEE).

Room 205

#TeamWork: Building capacity and community through social media collaboration

Strand 3: Possibilities

Presenter: *Renata Solan and Stefanie Bugasch Scopoline Community Groundworks/WI School Garden Network*

Abstract: Participants will explore best practices for using social media to collaborate with partners to increase the visibility and reach of their messages. We will discuss how to build and strengthen partnerships with organizations and institutions, as well as ideas and best practices for increasing online engagement.

Room 105

3:00-4:00 pm

Session 5

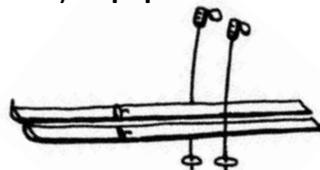
Speed Networking Student/Professional Activity

We ask that all workshop participants join us in this fun final activity! Gather together for our final session of Winter Workshop. We'll pair up students and young professionals with EE veterans. Each pair will get 5 minutes together to connect and learn from each other before rotating to the next conversation. Prompt questions will be provided to keep the conversations going. Emails will be exchanged and follow-up networking is definitely encouraged! **Downstairs Auditorium**

4:15-5:30 pm

Free Recreation

Hit the trails with a pair of CC skis or snowshoes compliments of Treehaven field station, visit with friends, take a nap or spend quality time with the family. **Equipment located in the Lounge**





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5:00-6:30 pm



Brutal Gourmet: Pre-registered Wild Game Meal! (Bear Track Lounge Patio) Set up at 4:30- come help if you can!

5:30-6:30 pm

Dinner

7:00-10:30 pm

Evening Activities (*Adults Only Please*)



- **6:40 pm Nertz Lesson** - Unfamiliar with this fast paced card game? Want to brush up on the rules and your skills before the big tournament? Join Amy Workman for a review of the game! **Meet in Cafeteria**
- **7:00 pm Nertz Tourney** - a fun and fast paced card tournament with laughs and thrills and a chance for a prize. No previous experience required! \$5 entrance fee. **Meet in Cafeteria**
- **8:00- ???** - Join the **Minocqua Brewing Company** as they provide some of their great beer! Purchase a glass and enjoy bottomless refills until it's gone! **Lounge**
- **8:30-10:30** - Musical Entertainment- Bernie Thompson **Downstairs Auditorium**
Bernie Thompson is a versatile singer/ songwriter/ musician. Playing guitar and singing since the early 80's, Bernie has had the pleasure to share the stage and learn from many talented musicians. His energy, talent, and ability to pour his heart out, have made him a popular solo live entertainer in the Wisconsin music scene! Learn more about him at www.berniethompsonlivemusic.com.
- **All night** - Board games in the Library and a Bonfire at the Gazebo! Sledding!

Thank you to our Saturday Night Sponsor:



Sunday

Sunday				
8:00-8:45	9:00-11:00	11:10-12:10	12:20-1:00	
Breakfast	Session 6	Session 5	Lunch	THANK YOU AND SAFE TRAVELS!
Cafeteria	Just Sustainability: The Quest for Justice and Equity Within the Environmental Movement Room 205	Make a Balsam Fir Sachet Room 105	Cafeteria	
	Family Nature Clubs - Connecting Naturally Room 105	Looking through the Lens of the Great Lakes Room 201		
	Inclusive Nature-Based Experiences: Early Childhood, Special Needs and Intergenerational Room 200A	Using Assessment to Improve Curriculum Room 205		
	Nature Journaling: Science and Spirit Room 201	Place and People Based Education: Injecting Indigenous Perspectives into a High School Environmental Studies Class Room 200A		
<small>Strand 1: Progress, Strand 2: Perspectives, Strand 3: Possibilities</small>				



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8:00-8:45 am

Breakfast

9:00-11:00 am

Session 6 ~ Workshops

Just Sustainability: The Quest for Justice and Equity Within the Environmental Movement

Strand 2: Perspectives

Presenter: *Brenda Coley, Kirsten Shead, Milwaukee Water Commons*

Abstract: Workshop will: review research examining how the environmental movement has failed to diversify despite decades of promises; identify factors which make diversity initiatives more successful; discuss three main pillars of an organizational plan for inclusion; share best practices and recommendations for diverse leadership and inclusive workplaces in the environmental movement.

Room 205

Family Nature Clubs- Connecting Naturally



Strand 2: Perspectives

Presenter: *Cassie Bauer, Riveredge Nature Center*

Abstract: This session will explore the formation, evolution and adventures of a Family Nature Club initiative that focuses on reducing barriers for local families and building a love for spending time outdoors. Participants should expect to spend this session ½ indoors and ½ out as ideas for family engagement are shared and discussed.

Room 105

Inclusive Nature-based Experiences: Early Childhood, Special Needs and Intergenerational



Strand 2: Perspectives

Presenter: *Matt Flower, Urban Ecology Center*

Abstract: The Urban Ecology Center's new PEEP program is a nature-based early childhood education model designed to establish early relationships with care providers, special education classroom teachers, and intergenerational facilities to develop lasting connections that span all abilities and ages. This session will cover special considerations for these participants and an outdoor portion on how exploring nature is our common thread.

Room 200A

Nature Journaling: Science & Spirit



Strand 3: Possibilities

Presenter: *Jan Wellik, Eco Expressions*

Abstract: This hands-on, interactive workshop will help K-12 educators implement nature writing and journaling activities in their own classrooms. The interdisciplinary nature of exploring outdoors brings connections between Language Arts, Science, and Environmental Education. Beyond WI state education standards, within each child, is a spirit needing fulfillment - and nature journaling is a tool to foster this growth.

Room 201



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11:10 am-12:10 pm Session 7

Make a Balsam Fir Sachet

Strand 3: Possibilities



Presenter: *David Eagan*

Abstract: Sachets are little pillows or bags filled with fragrant plants. You will make one stuffed with balsam fir needles ... that will remind you of the north woods for years. Great for the sock drawer! We will also explore Treehaven's other evergreen species for their smells and tastes.

Room 105

Looking through the lens of the Great Lakes Portal

Strand 3: Possibilities

Presenter: *Emma Keese, Kim Wahl, Wisconsin Green Schools Network*

Abstract: Viewing through the lens of a resource-embedded portal, we will share information on the Great Lakes literacy principles and more. Working as a collaborative effort, we will discuss improving access to educational resources and examine overall water access through an equity lens. Participants will also receive curricula from the portal.

Room 201

Using Assessment to Improve Curriculum

Strand 1: Progress

Presenters: *Melissa Friel, Trees for Tomorrow*

Abstract: Trees For Tomorrow uses assessment of student learning and peer observations to create data to drive our curriculum improvements. In this session hear about how we created these assessments, challenges we've face, and where we're going in the future. Leave with some ideas to bring back to your organization!

Room 205

Place and People Based Education: Injecting Indigenous Perspectives into a High School Environmental Studies Class

Strand 2: Perspectives

Presenters: *Eleva Potter, Jerry Jondreau, Conserve School*

Abstract: Learn about one example of how to better tell the full story of place through guest speakers, articles, videos, ceremony, experiential learning and reflection. Followed by a discussion on other ideas and resources for representing indigenous knowledge and perspectives in the classroom.

Room 200A

12:10 pm Closing Downstairs Auditorium

12:20-1:00 pm Lunch

Thank you to our sponsors:



Treehaven
College of Natural Resources
University of Wisconsin-Stevens Point



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Family Friendly