

ICEC Winter Workshop 2017

Spreading our Wings with Science Standards

Pollinators, Monarchs, and Conservation Education

Whether you help landowners meet conservation goals, manage a natural area, or provide environmental education - this workshop is for you!

Our invitation is for all educators - **classroom educators, naturalists, and other non-formal educators**, but also to biologists, natural resource managers and topic specialists, and other environmental professionals to join us in learning how to utilize the new standards to promote the protection of natural resources (of monarchs and pollinators specifically) and to advance environmental education as a vital part of the K-12 Education!

Educators and natural resource professionals that work with adult and mixed-age audiences will benefit from the opportunity to develop their skills using the best methods for learning and teaching science (at any age).

Why attend?

- Classroom teachers can sit down with environmental educators to coordinate efforts to help Iowa students meet the new standards.
- Environmental educators will understand how to tailor their message for K-12 groups.
- Natural resources will now be part of the school curriculum and teachers will be looking for experts who know how to present effectively.
- Conservation professionals will update presentation skills to increase learning and generate behavior change in adult audiences.

This is your opportunity to update your programs and delivery methods, no matter if your audience is one landowner, a classroom of 6th graders, or a mixed audience at a public event. **Please join us for this professional development workshop!**



February 3-4, 2017

Springbrook Conservation

Education Center

2473 160th Rd

Guthrie Center, Iowa 50115

Go here <http://iowaee.org/winter-workshop/> for more details!

Registration Information

Linda Zaletel, ICEC Co-chair, execicec@gmail.com

Funded by the Resource Enhancement and Protection Conservation Education Program (REAP CEP) and would not be possible without agency support!



Winter Workshop 2017 Schedule

Spreading our Wings with Science Standards Pollinators, Monarchs, and Conservation Education

Friday, February 3

- 8:00 a.m. Registration - Library (also drop off silent auction items)
- 9:00 a.m. Welcome - ICEC and Conservation Education Center staff
- 9:15 a.m. Overview - where we've been with the new science standards, Orientation to the work and workshop flow.
- 10:00 a.m. Break - Snack in Dining Hall (teachers taking for credit meet now)
- 10:30 a.m. Story lines - What are classroom storylines and why they are important? Teachers will be working with story lines - here is how EE fits in.
- 10:45 a.m. Phenomena are used to help hook students into a topic and to help focus the work.
- 11:00 a.m. Example programs from the K-12 regional workdays
- 12:00 p.m. Lunch - Dining Hall
- 1:00 p.m. One of our summer teams will lead you through the process in creating a new example so you can experience "the shift" in thinking. Spread your wings!
- 2:30 p.m. Break - Snack in Dining Hall
- 3:00 p.m. Department of Education Updates and Early Childhood interface with new science standards - Kris Kilibarda and Kimberly Villotti
- 3:30 p.m. Keynote #1 Jennifer Hopwood, Xerces Society, Pesticides and Pollinators, separate the facts from the hype.
- 4:30 p.m. Small group sharing based on keynote content - how can you act on the information learned?
- 5:00 p.m. Free time until Dinner
- 6:00 p.m. Dinner - Dining Hall
- 7:00 p.m. ICEC Annual meeting in the Classroom
- 7:30 p.m. Citizen Science Projects, Panel discussion on what works to recruit people to participate, how do they get people involved, plus time for discussion.
- 8:45 p.m. Silent Auction ends - Dining Hall

Saturday, February 4

- 7:00 a.m. Breakfast - Dining Hall, move out of dorms, pick up Silent Auction items and pay
- 8:00 a.m. Sharing response to keynote and products from Friday work session.
- 8:30 a.m. Keynote #2 Karen Oberhauser, University of Minnesota, monarch researcher and expert on monarch larvae.
- 9:30 a.m. Small group work session based on keynote content based on grade specific DCIs
- 10:15 a.m. Break - Snack in Dining Hall
- 10:45 a.m. Small group work continues on their example, or start a new example. If you are new to the new science standards and alignment work there will be a session for you.
- 12:00 p.m. Lunch - Dining Hall
- 1:00 p.m. Keynote #3 Benjamin Vogt, Monarch Gardens Prairie Garden Consulting and Design, Gardening for Pollinators
- 2:00 p.m. How will you act upon what you've learned at this workshop? Individuals generate action steps and co-create a document capturing these intentions.
- 2:45 p.m. Wrap-up
- 3:00 p.m. Safe travels home!

ICEC Winter Workshop 2017 Format and Key Presenters

- We will all have the opportunity to learn from cutting-edge monarch and pollinator scientists who will present their research to the group. We all understand the urgency of this information.
- We will also spend time viewing and expanding the grade level work completed by our naturalists, teachers and AEA science consultants this past summer as they worked to align programs with the new Iowa Science Standards.

Keynote Speakers:

- **Dr. Karen Oberhauser**, Professor, Department of Fisheries, Wildlife and Conservation Biology, University of Minnesota. Oberhauser has been studying monarch butterflies since 1984. She works with teachers and pre-college students in Minnesota and throughout the United States using monarchs to teach about biology, conservation, and the process of science.
- **Jennifer Hopwood**, Senior Pollinator Conservation Specialist at The Xerces Society for Invertebrate Conservation for past seven years, located in Omaha, Nebraska
- **Benjamin Vogt** owns Monarch Gardens, a prairie garden design firm based in Lincoln, Nebraska. He has a weekly native plant and sustainable garden column at Houzz.com that has been read 2.5 million times, while his freelance writing and photography have appeared in over sixty publications, including the books Gardening For Butterflies (The Xerces Society) and Pollinator Friendly Gardening.

More about the Iowa Conservation Education Coalition

The Iowa Conservation Education Coalition (ICEC) strives to ensure a healthy Iowa environment by promoting conservation and environmental education; promoting innovative educational methods and strategies; developing diverse partnerships; providing networking opportunities and embracing a balanced perspective on environmental issues. Since 1958, ICEC has been a leader in developing environmental education materials while providing workshops, conferences, and programs for Iowa's educators.

Silent Auction

Please remember to bring items for our silent auction! Drop off your donated items when you check-in at the registration desk. Funds raised from this event support the ICEC Scholarship Fund for members and the Chris Holt Youth Wilderness Trip Scholarship. Themed gift baskets are a hit, especially with locally handcrafted items! We always encourage food, homemade and natural items. The silent auction will be held in the Dining Hall on Friday from 10:00 a.m. to 8:45 p.m. Thanks for your support!

Workshop Planning Committee

Conference Chair: Jean Eells, E Resources Group

Co-Chair: Phyllis Anderson, Retired Area Education Agency Consultant & E Resources Group

Peggy Christensen, Heartland AEA

Linda Zaletel, Iowa Conservation Education Coalition

Regional Workday Participants by AEA

Green Hills: Kim Wise, Christina Roelofs, Anne Riordan, Jen Rasmussen, Julie Plowman

Great Prairie: Rosemary Peck, Mary Bulger, Clay Steele, Tracy Jarrett, Stephanie Nudd

Northwest: Phyllis Anderson, Charlene Elyea, Victoria DeVos, Beth Burley, Donna Stevenson

Grant Wood: Julie Foltz, Phyllis Anderson, Gail Barels, Caitlyn Savage, Julie Ruden, Meredith Holm

Heartland 1: Peggy Christensen, Patti Petersen-Keys, Heidi Anderson, Stacey Emary, Janet Riordan

267: Phyllis Anderson, Sondra Cabel, Angie Auel, Chris Anderson, Rhonda Bussan

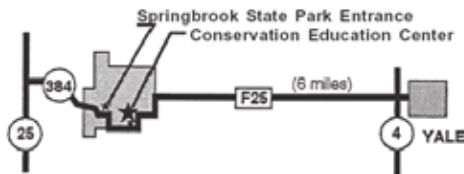
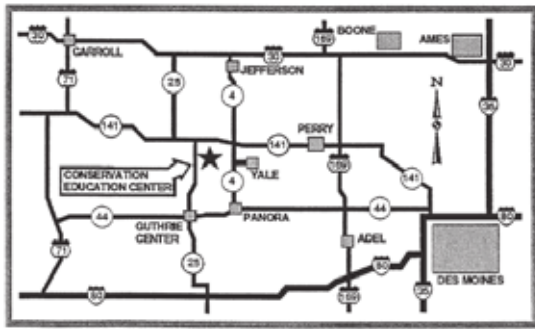
Mississippi Bend: Tammy Askeland-Nagle, Jen Meyer, Jenna Olson, Heidi Lippens

Heartland 2: Craig Edmondson, Rebekah Beall, Elizabeth Waage, Mike Todd, Noreen Nsereko Wantate

Keystone: Jason Martin-Hiner, Lilly Jensen, Heather Gamm, Kenny Slocum, Abbey Harkrader, David Stieler

Prairie Lakes: Lynn Campbell, Karen Hansen

Lodging Options Springbrook Conservation Education Center or nearby motels



Conservation Education Center (0 miles!)

Dorm-style lodging, request with registration below

Guthrie Center (~10 miles)

Midway Motel
2301 State St
641-747-2261

Panora (~12 miles)

Lakeside Inn
5045 Chimra Rd
641-755-4240

Clover Ridge
5071 Clover Ridge Rd
641-755-3050

Jefferson (~23 miles)

Super 8
207 W Gallup Rd
515-386-2464

Redwood Motel
209 E Gallup Rd
515-386-3116

Perry (~24 miles)

Super 8
701 26th St
515-465-5653

Stuart (~27 miles)

America's Best Value Inn & Suites
203 SE 7th St
515-523-2888

AmericInn
420 SW 8th Street
515-523-9000

Registration Form

First Name _____ Last Name _____

Address _____ City _____ State _____ Zip _____

County _____ Daytime phone _____ email _____

Occupation / Title _____ Affiliation _____

*Meals, snacks, and beverages included in registration. Please choose **one meal option** for all meals.
A REAP-CEP grant has reduced the cost of registration for all!*

Registration:

Registration (\$90) _____

Registration w/ICEC Membership (\$120) _____

Late fee after 1/20/2017 (add \$15) _____

Conservation Education Center - dorm, bunk
Lodging & Linen fee Thursday (\$20) _____

Lodging Friday (\$15) _____

***Day use or linen fee included in registration*

Additional Friday Breakfast (\$8) _____

Coupon Code: Enter Code Number _____ Enter Amount _____

Total Workshop Fee Due _____

Meals include Friday lunch, supper, two snacks, Saturday breakfast, snack, and lunch!

Please choose:
 Omnivore
 Herbivore

For other dietary needs, please contact ICEC at execicec@gmail.com

A limited number of scholarships are available.

If a scholarship would help you attend, please send an email to execicec@gmail.com requesting an application.

Register and pay online, if able, at iowae.org or make **checks payable to ICEC** and mail this registration form with payment to: Linette Bernard, ICEC, 12684 155th St, Ackley, IA 50601
There will be a \$32.00 fee charged on checks returned due to insufficient funds.

Questions? Contact execicec@gmail.com