

Presented by:



Presenters & participants:

*US Fish & Wildlife Service*

*US Forest Service*

*USGS National Wildlife Health Center*

*Wisconsin DNR Bat Program*

*National Park Service*

*Wisconsin Citizen Based-Monitoring Network*

*University of Wisconsin*

*Eastern Michigan University*

*North Lakeland Discovery Center*

*North Pike's Creek*

*Timber Wolf Alliance*

*Wild Instincts*

*Private citizen researchers*

Special thanks to our art & graphic designers: Jacki Whisenant & Bizy Does It

**And to Mary's Best Bat Houses for donating a maternity roost box door prize for a lucky Festival volunteer!**



Schedule of events & activities

August 24 & 25, 2018

Northern Great Lakes Visitor Center

Ashland

FRIDAY, Aug. 24 ONLY: BAT SCIENCE NIGHT 7:00pm — 9:00pm

Informal outside event— bring bug spray & a flashlight

Q & A with bat biologists, live mist netting & field demonstrations, bat detector walks, and more.

## **SATURDAY LIVE BAT TALKS!**

*Jennifer Redell, Wisconsin Department of Natural Resources*

*Martin Hanson Theater*

**9:45 AM, 11:00 AM, 12:15 PM, 1:30 PM, 2:45 PM, 4:00 PM**

**Check in at the Registration Desk to reserve your spot.**

## SATURDAY ONGOING ACTIVITIES 9:00am — 5:00pm

Meet live bats!— WDNR, USFS, & North Lakeland Discovery Center animal ambassadors

### INDOORS

Test your Bat Senses

Bat crafts

Bat Diets & Twinkle Turds!

Skeletons & Skins

Down in a Mine Photo Booth

Bat Roosts & Houses

Iron Mines of Hurley

Face Painting

Could you eat Your Body Weight?

### OUTSIDE

Explore the Inflatable Cave!

Secret Stalagmite Stories

Working the Night Shift (Be-a-bat-biologist)

## SATURDAY SCIENCE SYMPOSIUM

Lightening talks by experts in Classroom MPR134

### Session 1— 10:30 am – 12:00 pm

1. Would you like flies with that? Bat diets in Wisconsin  
*Amy Wray, UW—Madison, Dept. of Forest & Wildlife Ecology*
2. Spying on the secret lives of roosting bats  
*Heather Kaarakka, WI Department of Natural Resources*
3. Enhancing bat habitat by building and installing bat houses  
*Ansel Brenneman, Laurel Charter/Viroqua High School*
4. Bats of Puerto Rico  
*Dr. Allen Kurta, Eastern MI University, Dept. of Biology*

### Session 2— 12:15 pm — 1:45 pm

1. Bat foraging activity surrounding Silver Mountain Hibernaculum during spring emergence and fall swarm  
*Brian Heeringa, US Forest Service*
2. A Wisconsin Bat Curriculum for K-12  
*Dr. Christopher Yahnke, UW—Stevens Point, Dept. of Biology*
3. How dating speleothems growth can tell us about paleoclimate  
*Cameron Batchelor, UW—Madison, Dept. of Geoscience*
4. Where bats hibernate in Michigan  
*Dr. Allen Kurta, Eastern MI University, Dept. of Biology*

### Session 3— 2:00 pm — 3:00 pm

1. WNS: A coordinated national response  
*Jill Utrup, UFWFS — MN/WI Field Office*
2. Wildlife Disease Detectives: the Case of the White-nose Killer  
*Kyle George, USGS National Wildlife Health Center*
3. Fungi on bat wings: differences among species with varying susceptibility to white-nose syndrome  
*Dr. Karen Vanderwolf, UW—Madison, Dept. of Pathobiological Sciences*
4. The evolution of bat monitoring in Wisconsin (& WI WNS update)  
*Paul White, Wisconsin Department of Natural Resources*