

2016 Box Turtle Conservation Workshop

University of Illinois, College of Veterinary Medicine

Thursday, May 19, 2016	
Time	Wet Labs
8:00 am to 1:00 pm	Field Trip (collecting chelonian tissue for testing)
2:00 pm to 5:00 pm	Chelonian Clinical Sampling
6:00 pm to 9:00 pm	Turtle Shell Repair

Friday, May 20, 2016	
Time	Speakers
8:00 am to 8:30 am	Registration
8:30 am to 8:45 am	Welcome
8:45 am to 9:30 am	Keynote Speaker: Steven J.A. Kimble , <i>Department of Forestry and Natural Resources, College of Agriculture, Purdue University</i> . Box Turtles as a Model of Education and Research
9:30 am to 10:00 am	Jamie Palmer , <i>Saint Louis Institute for Conservation Medicine</i> . Health Threats to Urban and Rural Box Turtles in Missouri.
10:00 am to 10:30 am	Kayla Boers , <i>Wildlife Epidemiology Laboratory, Department of Veterinary Clinical Medicine, College of Veterinary Medicine, University of Illinois at Urbana-Champaign</i> . Capture Effort, Rate, Demographics, and Potential for Disease Transmission in Wild Eastern Box Turtles (<i>Terrapene carolina carolina</i>) Captured through Canine Directed Searches.
10:30 am to 10:45 am	Break
10:45 am to 11:00 am	Matt Allender , <i>College of Veterinary Medicine, University of Illinois at Urbana-Champaign</i> . Wildlife Epidemiology Lab: From Zero to 2770 captures in 9 years
11:00 am to 11:30 am	Brittany Willeford , <i>Wildlife Epidemiology Laboratory, University of Illinois at Urbana-Champaign</i> . Investigating Mosquitoes as a Vector for Frog Virus-3 (FV3)-like Ranavirus.
11:30 am to 12:00 pm	Grace Archer , <i>College of Veterinary Medicine, University of Illinois at Urbana-Champaign</i> . Hematologic Survey of Co-Pathogens in Free-ranging Eastern Box Turtles (<i>Terrapene carolina carolina</i>) in Illinois.
12:00 pm to 1:15 pm	Lunch (provided)
1:15 pm to 1:45 pm	Joseph R. Milanovich , <i>Department of Biology, Loyola University Chicago</i> . Seasonal Stress and Blood Chemistry of Ornate Box Turtles in Restored Prairies of North-Central Illinois.

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Friday, May 20, 2016	
Time	Speakers
1:45 pm to 2:15 pm	Kelsey Low , <i>Illinois Natural History Survey, University of Illinois at Urbana-Champaign</i> . Thermal Challenges of Overwintering Eastern Box Turtles (<i>Terrapene c. carolina</i>) in Eastern Illinois.
2:15 pm to 2:45 pm	Evan Emmel , <i>College of Veterinary Medicine, University of Illinois at Urbana-Champaign</i> . Evaluation of Thermal Ecology and Hematology of Free-ranging Eastern Box Turtles in Illinois (<i>Terrapene carolina carolina</i>).
2:45 pm to 3:00 pm	Break
3:00 pm to 3:30 pm	Laura A. Adamovicz , <i>Wildlife Epidemiology Lab, Department of Comparative Biosciences, College of Veterinary Medicine, University of Illinois at Urbana-Champaign</i> . Box Turtle Mortality Investigation: Case Series and Recommendations.
3:30 pm to 4:15 pm	John Rucker , The Importance of Grassland Habitats and Corridors to Box Turtles. (Presentation and video)
4:15 pm to 4:45 pm	Free
5:00 pm to 7:00 pm	Poster Session with reception (light hors d'oeuvres provided; cash bar)

Saturday, May 21, 2016	
Time	Speakers
8:00 am to 8:30 am	Registration
8:30 am to 9:00 pm	John H. Roe , <i>Department of Biology, University of North Carolina at Pembroke</i> . Responses of Eastern Box Turtles to Prescribed Fire in the North Carolina Sandhill.
9:00 am to 9:30 am	Matthew D. Cross , <i>Department of Biological Sciences, Bowling Green State University</i> . The Effects of Prescribed Fire on Eastern Box Turtles in the Oak Openings Preserve of Northwestern Ohio.
9:30 am to 10:00 am	Alicia Ihnken , <i>Parks and Recreation Division, Michigan Department of Natural Resources</i> . Using Prescribed Fire in Grasslands: The Hatchling Dilemma.
10:00 am to 10:15 am	Break
10:15 am to 10:45 am	Anthony Beals , <i>Department of Fisheries and Wildlife, Michigan State University</i> . Predicting Hatching Success in Eastern Box Turtles Across Habitat Types.
10:45 am to 11:15 am	Stephen Blake , <i>Saint Louis Zoo, University of Missouri in Saint Louis, SUNY-ESF, Washington University in Saint Louis</i> . The Conservation Implications of Box Turtle Ranging Patterns in Missouri.
11:15 am to 12:00 pm	Jorge Ernesto Becerra , <i>Department of Biological Sciences, University of Juarez of the State of Durango, Mexico</i> . Movement patterns and activity areas of <i>Terrapene coahuila</i> in the Cuatrocienegas Valley, Coahuila, Mexico.

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12:00 pm to 1:30 pm	Lunch (provided)
1:30 pm to 2:00 pm	Keri Lammering , <i>Conservation Education, Saint Louis Zoo</i> . Small Steps Towards BIG Conservation.
2:00 pm to 2:30 pm	Bradley Carlson , <i>Dept. of Biology, Wabash College</i> . The status of the Eastern Box Turtle population at Allee Woods, Indiana, and the behavioral ecology of personality in Box Turtles.
2:30 pm to 2:45 pm	Break
2:45 pm to 3:15 pm	Ethan J. Kessler , <i>Illinois Natural History Survey, Department of Natural Resources and Environmental Sciences, University of Illinois at Urbana-Champaign</i> . Assessing Eastern Box Turtle (<i>Terrapene carolina</i>) Habitat Selection with Public-Use LIDAR Data.
3:15 pm to 3:45 pm	Jennifer L. Mook , <i>Department of Biology, University of North Georgia</i> . Home Range and Habitat Use of The Eastern Box Turtle (<i>Terrapene carolina</i>) in the Northern Georgia Piedmont.
3:45 pm to 4:15 pm	Break
4:15 pm to 4:45 pm	Douglas Lawton , <i>Biology Department, University of North Carolina at Greensboro</i> . Size Matters: Measuring Eastern Box Turtles (<i>Terrapene carolina carolina</i>).
4:45 pm to 5:15 pm	Ann B. Somers , <i>Biology Department, University of North Carolina at Greensboro</i> . Building a 100-Year Project: Assuring Data Quality in The Box Turtle Connection.
5:15 pm to 7:30 pm	Banquet (provided; cash bar)

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Posters

Claire E. Butkus, *Wildlife Epidemiology Laboratory, Department of Comparative Biosciences, College of Veterinary Medicine, University of Illinois at Urbana-Champaign*. Diagnosis of Ranavirus Using Bone Marrow Harvested From Mortality Events in Eastern Box Turtles (*Terrapene carolina carolina*).

Patrick Cain, *Department of Biology, Indiana State University*. An Open-source Hardware GPS Data Logger for Wildlife Radio-telemetry Studies: a Case Study Using Eastern Box Turtles.

Matthew D. Cross, *Department of Biological Sciences, Bowling Green State University*. Pattern Recognition Software as a Supplemental Method of Identifying Eastern Box Turtle Resting Metabolism of Eastern Box Turtles (*Terrapene carolina*).

Suzette dePersio, *Wildlife Epidemiology Laboratory, Department of Comparative Biosciences, College of Veterinary Medicine, University of Illinois at Urbana-Champaign*. Body Condition of Box Turtles Evaluated by Computed Tomography.

Casey M. Haywood, *Department of Biology, University of North Carolina at Pembroke*. Initial Assessment of Eastern Box Turtle (*Terrapene carolina carolina*) Population Status and Trends in North Carolina's Protected Areas.

Alicia Ihnken, *Parks and Recreation Division, Michigan Department of Natural Resources*. Eastern Box Turtle Research in Southwest Michigan: What We've Learned After Four Years.

Ariel Petrilla, *Department of Biology, University of Central Oklahoma*. Road Mortality of Turtles: a Comparison Between Highway, Rural, Suburban and Urban Areas.