

16th Annual Emiquon Science Symposium Draft Schedule

8:30 Opening remarks, instructions

Session 1 8:35 – 10:45 am

- Logan Pappenfort** Occupational History of the Confederated Peoria in the Central Illinois River Valley
- Greg Soulliere*** Regional Wetland Bird Planning by the Upper Mississippi / Great Lakes Joint Venture
- Dean Bobo & Mike Lemke** The Microbial Biome in Thompson Lake During Early Restoration Phase
- Maria Lemke** Algal and zooplankton export from the Emiquon Preserve to the Illinois River during the summer drawdown of 2020
- Kara Phelps** Zooplankton production in a restored Illinois River backwater and its contribution to mainstem river zooplankton

Session 2 10:50 – 12:10 pm

- Andrew Gilbert** Drawdown and the Changing Wetland Vegetation Communities at Emiquon Preserve
- Stephanie Schmidt** The Effects of Water Drawdowns on Marsh Bird Nest Survival at Emiquon Preserve, IL
- Amber Blackert** Mortality and Recruitment in Largemouth Bass, Bluegill, and Black Crappie in the Emiquon Preserve
- Kris Maxson** Evaluation of fish passage via Whooshh Innovations, Inc Fishway and FishL recognition system

Session 3 12:25 – 1:40 pm

- Clare Howard & David Zalaznik** Yeomen of the Wetlands
- Tih-Fen Ting** Win-Win Collaboration: Update on Osprey Hacking in Illinois
- Andrew J. Stokes** Population Viability Analysis of Two Hacked Osprey (*Pandion haliaetus*) Populations in Central Illinois
- Jason DeBoer** Environmental Factors Driving Recruitment and Growth of Freshwater Drum From Four Large Rivers

Session 4 1:45 – 3:00 pm

- Cheyenne Beach** Evaluation of Selected Physiological Responses to Sub-lethal *Cyathocotyle bushiensis* and *Sphaeridiotrema spp.* Experimental Infections in Captive Lesser Scaup (*Aythya affinis*)
- Morgan Rockwell** Prevalence of tularemia in birds of prey: a role for hawk flies?
- Claire Helmke** Spatial Distribution of Extractable Metals in Sediment Leached from Iron Foundry Slag Deposit at Carp Lake, Davenport, IA, USA
- Jessi Kreder** Characteristics of microplastic contamination agricultural and wetland area

*Invited speaker

Most slots will be 15 or 20 minutes. The invited speaker will have a 50 minute time slot.