**2025 Iowa AFS Meeting**

**Cobblestone Inn and Events Center**

**1900 Lakewood Drive**

**Boone, IA 50036**

**March 3-4, 2025**

*Monday, March 3, 2025*

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| 11:00-12:00 | Check-in/Registration |  |
| 12:00-1:00 | Lunch | **Moderator: Dan Rosauer** |
| 1:00-1:10 | Welcome and Housekeeping |  |
| 1:10-1:30 | How the Iowa Darter got its name. | John Olson - Iowa DNR (Retired) |
| 1:30-1:50 | The ‘ibilities’ of FinCatchRA | Keith Hurley – Nebraska Game and Parks Commission |
| 1:50-2:10 | Enhancing the science of age estimation: the creation of fishage.org | Dr. Mark Pegg – University of Nebraska-Lincoln |
| 2:10-2:30 | Challenges and Opportunities in Midwestern Fisheries Management: Linking Ecosystem Health, Habitat, and Angler Behavior | Dr. Thomas Detmer – Iowa State University, North Central Regional Aquaculture Center |
| 2:30-2:45 | ***Afternoon Break*** |  |
|  |  | **Moderator: John Lorenzen** |
| 2:45-3:05 | Walleye and Muskellunge residency adjacent to reservoir spillways | Maddie Lewis – Iowa State University/Iowa Department of Natural Resources |
| 3:05-3:25 | Estimating escapement probability of reservoir sportfishes through joint analysis of age, growth, survival, and recapture | Chunfa Jie - Des Moines University; Iowa State University |
| 3:25 - 3:45 | Effects of habitat additions on stocked Muskellunge | Josh Goff – Iowa Department of Natural Resources |
| 3:45-4:15 | Walleye are King…Isn’t That RAD | Dr. Keith Koupal – Nebraska Game and Parks Commission  Mellissa Wuellner – University of Nebraska – Kearney |
| 4:15-4:30 | ***Break*** |  |
| 4:30-5:30 | Iowa AFS Annual Business Meeting |  |
| 5:30-6:30 | Social and Poster Session |  |
| 6:30-7:30 | Banquet (Dinner and Awards) |  |
| 7:30 - 9:00 | Social, Auction, and Raffle |  |

*Tuesday, March 4, 2025*

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| 7:00 - 8:00 | ***Networking Breakfast*** |  |
|  |  | **Moderator: Adam Thiese** |
| 8:00 - 8:20 | Are environmental flow pulses associated with Shovelnose Sturgeon reproduction on the Des Moines River, Iowa? | McKensie Vaske – Iowa State University |
| 8:20 - 8:40 | Shovelnose Sturgeon Summer Habitat Selection on the Des Moines River, Iowa | Daniel Paulson – Iowa State University |
| 8:40 - 9:00 | A Multi-Method Assessment of Age and Growth Rates in Cedar River Shovelnose Sturgeon | Juliana Kaloczi – Iowa State University |
| 9:00 - 9:20 | A Milestone Marker for the Recovery of Southern Range Lake Sturgeon | Levi Umland – Missouri Cooperative Fish and Wildlife Research Unit |
| 9:20 - 9:40 | Beyond the Backwaters: Responses of Pool-Wide Fish Communities to Restoration | Hannah Lenning – University of Nebraska at Kearney/Iowa Department of Natural Resources |
| 9:40 - 10:00 | The Old, the New, and the Someday: Comparing Telemetry Methods to Inform Prospective Monitoring Decisions | Dr. Seth Fopma – Iowa Department of Natural Resources |
| 10:00 - 10:15 | ***Morning Break*** |  |
|  |  | **Moderator: Gene Jones** |
| 10:15- 10:35 | Effects of Silver Carp (Hypophthalmichthys molitrix) on native fish condition in Upper Mississippi River basin | Justin Harms – Iowa State University |
| 10:35 - 10:55 | Residency and passage of invasive carp and native fishes at a tributary weir | Austin Mannigel – Iowa State University |
| 10:55-11:15 | Effects of environmental conditions on recruitment and growth of Plain Pocketbooks (Lampsilis cardium) | Annika Richards – Iowa State University |
| 11:15 - 11:35 | Habitat Associations of Invasive Rusty Crayfish and Native Virile Crayfish in a Shallow, Eutrophic Natural Lake | Dalton Clayton – Iowa State University |
| 11:35 – 11:55 | Conservation Guidance for Blanding's Turtles in NW Iowa | Professor Drew Howing – Iowa Lakes Community College |
| 11:55-12:00 | Parting Remarks |  |

*Poster Presentations Monday, March 3, 2025*

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|  | Shovelnose Sturgeon Summer Activity Patterns on the Des Moines River, Iowa | Daniel Paulson - Iowa State University |
|  | Effects of transmitter burden on juvenile Walleye survival, growth, and healing | Andrew Tracy – Iowa State University |
|  | Comparing water quality and fish populations before and after a restoration project on Hickory Grove Lake | Victor Lampe – Iowa State University |
|  | Assessing differences in reproductive potential in two Shovelnose Sturgeon populations | Lydia J Flinders – Iowa State University |
|  | The Craytabase: a cooperative effort to catalog information on the distribution of Iowa’s crayfishes | Dr. Michael Moore – U.S. Geological Survey Iowa Cooperative Fish and Wildlife Research Unit |
|  | Standard Methods for Sampling North American Freshwater Fishes: Chapter 2, Warmwater Fish in Small Standing Waters | Mark Flammang – Iowa DNR |
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