



NASPS Annual Meeting - Program at a glance
September 8th-12th, 2019
Lakeview Hecla Resort, Manitoba, Canada

Sunday September 8

17.00 - 19.00	Registration Open	Lobby
19:00 - Late	Welcome Social	Lakeview Terrace

Monday September 9

7:00 - 8:15	Breakfast (included in registration)	Lakeview Terrace
7:30 - 8:15	Registration	Outside Ballroom
8:30 - 9:00	Coffee-Announcements/Program Changes	
9:00 - 10:20	Presentations	Ballroom
10:20 - 10:40	Break	Outside Ballroom
10:40 - 12:00	Presentations	Ballroom
12:00 - 13:30	Lunch (included in registration)	Lakeview Terrace
13:30 - 14:50	Presentations	Ballroom
14:50 - 15:10	Break	Outside Ballroom
15:10 - 16:30	Presentations	Ballroom
16.30 - 17.30	NASPS - Annual General Meeting	Ballroom
18:00 - 19:00	Student-Mentor Social	Studio 123
19.00 - Late	Dinner and Social Event	Lakeview Terrace

Tuesday September 10

7:00 - 8:15	Breakfast (included in registration)	Lakeview Terrace
7:30 - 8:15	Registration	Outside Ballroom
8:30 - 9:00	Coffee-Announcements/Program Changes	
9:00 - 10:20	Presentations	Ballroom
10:20 - 10:40	Break	Outside Ballroom
10:40 - 12:00	Presentations	Ballroom
12:00 - 13:30	Lunch (included in registration)	Lakeview Terrace
13:30 - 14:50	Presentations	Ballroom
14:50 - 15:10	Break	Outside Ballroom
15:10 - 16:30	Presentations	Ballroom
16.30 - 18:00	Poster Session	Ballroom
19.00 - Late	Student Social – BBQ for all	Patio



Program at a glance continued

Wednesday September 11

7:00 - 8:15	Breakfast (included in registration)	Lakeview Terrace
7:30 - 8:15	Registration	Outside Ballroom
8:30 - 9:00	Coffee-Announcements/Program Changes	
9:00 - 10:20	Presentations	Ballroom
10:20 - 10:40	Break	Outside Ballroom
10:40 - 12:00	Presentations	Ballroom
12:00 - 13:30	Lunch (included in registration)	Lakeview Terrace
13:30 - 14:50	Presentations	Ballroom
14:50 - 15:10	Break	Outside Ballroom
15:10 - 16:30	Presentations	Ballroom
16.30 – 16.50	Open Discussion	Ballroom
17:00 – 18:30	Geocaching/Team Building Event	Meet in Lobby
19.00 - Late	Banquet	Lakeview Terrace

Thursday September 12

Workshops

9:00 - 12:00	Effective Communication in Science and Conservation	Studio 123
9:00 - 12:00	Database development and management	Studio 4
9:00 - 4:00	Genomic Analysis for Sturgeon Researchers	Studio 5

Day 1 – Monday September 9th 2019

Time	Presenter	Title/Event
Coffee-Announcements/Program Changes		
08.30 - 09.00		
09.00 - 09.20	Mary Moser	Autonomous underwater vehicle detections of acoustically-tagged Green Sturgeon to identify marine habitat
09.20 - 09.40	Brandon Bentz	Submersible PIT-tag antennas: Are they a viable tool for detecting White Sturgeon?
09.40 - 10.00	Cortney Bunch	Side-scan sonar as an effective tool for estimating Atlantic Sturgeon spawning run size
10.00 - 10.20	Catlin Ames	Slocum glider detection efficiency and active tracking of acoustically tagged Atlantic Sturgeon off mid-coast Maine
Coffee Break		
10.20 - 10.40		
10.40 - 11.00	Craig McDougall	Lake Sturgeon population size and trajectory: Churchill River near the Little Churchill River confluence
11.00 - 11.20	Lee Murray	Lake Sturgeon population trends in the Nutimik and Numao Lakes region of the Winnipeg River
11.20 - 11.40	Michael Baker	Recruitment dynamics in a changing environment: Age-1 Atlantic Sturgeon in the Altamaha River, Georgia
11.40 - 12.00	Ryan Koenigs	Lake Sturgeon movement and spawning behavior in Winnebago System Tributaries, Wisconsin
Lunch		
12.00 - 13.30		
13.30 - 13.50	Sharon Clouthier	Nucleo-cytoplasmic large DNA-viruses of wild Lake Sturgeon in central Canada
13.50 - 14.10	Jason Schooley	Epidemiology and genetic variation in the cnidarian roe parasite of sturgeons and paddlefishes, <i>Polypodium hydriforme</i>
14.10 - 14.30	Danielle Godard	Acipenserid Herpesvirus 1 (AciHV1) in Wisconsin Lake Sturgeon: Not just for White Sturgeon anymore
14.30 - 14.50	William Bugg	Thermal plasticity of age-0 Lake Sturgeon from geographically different populations
Coffee Break		
14.50 - 15.10		
15.10 - 15.30	Don Macdonald	Community based management - Nelson River Sturgeon Board
15.30 - 15.50	Yves Paradis	Biology, status, and management of Lake Sturgeon in the province of Quebec, Canada
15.50 - 16.10	Stephanie Backhouse	Saskatchewan River Sturgeon Management Board
16.10 - 16.30	Dewayne Fox	Sturgeon soup: Balancing the needs for sturgeon conservation and industrial users in the New York Bight
NASPS - Annual General Meeting		
16.30 - 17.30		
Student-Mentor Social		
18:00 – 19:00		
Dinner and Social Event		
19.00 - Late		

Day 2 – Tuesday September 10th 2019

Time	Presenter	Title/Event
Coffee-Announcements/Program Changes		
08.30 - 09.00		
09.00 - 09.20	Jacob Hughes	The Heterocercal Tale of White Sturgeon Recruitment in Hells Canyon
09.20 - 09.40	Joel Van Eenennaam	Ploidy analysis using non-lethal blood sampling and a coulter counter
09.40 - 10.00	Alison Loeppky	Otolith calcium carbonate composition in sturgeons: Influence of ontogenetic development and environmental conditions
10.00 - 10.20	Jasmine Johnson	Stock discrimination of Lake Sturgeon in the Lake Winnebago system using otolith and fin ray microchemistry
Coffee Break		
10.20 - 10.40		
10.40 - 11.00	James Crossman	Movement patterns and site fidelity of hatchery-origin White Sturgeon following release into the wild
11.00 - 11.20	Michael Donofrio	Lake Sturgeon movements in Northern Lake Michigan and Lake Huron
11.20 - 11.40	Caleb Jetter	Analysis of White Sturgeon movement using fine-scale tracking and Hidden Markov models
11.40 - 12.00	Martin Hunt	Keeyask Generation Project tailrace spawning shoal design evolution: Planning to construction
Lunch		
12.00 - 13.30		
13.30 - 13.50	Laura Henderson	The Assiniboine River Lake Sturgeon story: Post-extirpation stocking, monitoring, and the search for evidence of reproduction
13.50 - 14.10	Brendan Dula	Effects of Hurricane Michael on the Gulf Sturgeon population in the Apalachicola River, Florida
14.10 - 14.30	Derek Kroeker	Twenty-five years of Lake Sturgeon conservation closure on the Manitoba portion of the Winnipeg River: What have we learned and where are we going?
14.30 - 14.50	Eric Mullen	Understanding the physiological and behavioural response of Lake Sturgeon to catch and release angling
Coffee Break		
14.50 - 15.10		
15.10 - 15.30	Paige Maskill	Assessment of multiple tools to describe the reproductive structure of White Sturgeon in the lower Columbia River, Canada
15.30 - 15.50	Aaron O'Connell	Evaluation of methods for estimating age and growth of Lake Sturgeon
15.50 - 16.10	Adam Fox	Growth of juvenile Atlantic Sturgeon in the Altamaha River, Georgia, USA
16.10 - 16.30	Gwangseok Yoon	Long-term effects of early rearing temperature on energy density, body composition, growth and metabolic scope of age-0 Lake Sturgeon
Poster Session		
16.30 - 18.00		
Dinner and Student Social		
19.00 - Late		

Day 2 – Tuesday September 10th 2019

Poster Session 16:30-18:00

Presenter	Title
Cale Babey	Is conservation aquaculture of Nechako White Sturgeon being impeded by River Otter predation?
Stephanie Backhouse	Population and movement monitoring of Lake Sturgeon during construction of a Hydro Generating Station in northern Manitoba, Canada: results to date
Simon Bernatchez	Lake Sturgeon spawning sites in the St. Lawrence River System, Quebec, Canada
Catherine Brandt	Early environmental effects on yolk-sac use, growth rate and muscle development in Lake Sturgeon
Madison Earhart	Effects of hatchery-rearing on White Sturgeon development
Chris Elvidge	Ontogeny of light avoidance in juvenile Lake Sturgeon
Jacob Hughes	Side-scan sonar revisited: Estimating sturgeon abundance
Craig McDougall	The Bladder Rapids area: Lake Sturgeon population investigations on a hard to access stretch of the upper Nelson River
David Meyer	Growing like a weed: White Sturgeon growth in the Bliss to CJ Strike Reach of the Snake River
Dominique Turney	Assessing spatial overlap among two Asian Carp and one native planktivorous species in the Upper Mississippi River
Zachary Witzel	Condition and size structure of Paddlefish in the Upper Mississippi River



Day 3 – Wednesday September 11th 2019

Time	Presenter	Title/Event
08.30 - 09.00	Coffee-Announcements/Program Changes	
09.00 - 09.20	Mark Lowdon	Lake Sturgeon and hydro development on the lower Churchill River
09.20 - 09.40	Laurence Masson	Movement ecology of White Sturgeon in the regulated upper Columbia River, Canada
09.40 - 10.00	Michael Moore	Dispersal and overwinter survival of stocked age-0 Lake Sturgeon in two Missouri River tributaries
10.00 - 10.20	Dominique Turney	Paddlefish dam passage efficiency and habitat use in the upper Mississippi River (pools 14-19)
10.20 - 10.40	Coffee Break	
10.40 - 11.00	Mike Manky	Nechako White Sturgeon Conservation Centre update
11.00 - 11.20	Amie Romney	Development of germ cell transplantation methods in the White Sturgeon
11.20 - 11.40	Benjamin Thomas	Progress toward a predictive egg quality and spawning potential index in Paddlefish
11.40 - 12.00	Aviva Fiske	Estimating the number of spawning White Sturgeon adults the Hells Canyon Reach of the Snake River
12.00 - 13.30	Lunch	
13.30 - 13.50	Andrea Schreier	New high throughput sequencing technologies allow for assembly of polyploid sturgeon genomes
13.50 - 14.10	Craig McDougall	Winnipeg River Lake Sturgeon genomics: Historical population structuring and contemporary gene flow
14.10 - 14.30	Jason Schooley	Analysis of morphological variation among two genetically-distinct Paddlefish stocks in the Arkansas River basin
14.30 - 14.50	Patrick Nelson	Lake Sturgeon and the Keeyask Generating Station: Population viability analysis and adaptive management
14.50 - 15.10	Coffee Break	
15.10 - 15.30	Don MacDonell	Lake Sturgeon in the lower Nelson River: An evolution of understanding
15.30 - 15.50	Nikolaus Gantner	Current and future challenges of the Nechako White Sturgeon Recovery Initiative
15.50 - 16.10	Cam Barth	Winnipeg/English River Lake Sturgeon mitigation and recovery: Caribou Falls and Whitedog Falls Generating Stations, a case study
16:10 – 16:30	Darcy Wastesicoot and Jimmy Lockhart	Kischi Sipi Namao Committee: A collaborative stewardship approach
16.30 - 16.50	Discussion	
17:00 - 18:30	Team Building Event (Geocaching)	
19:00 - late	Banquet	