Poster & Art Session

Wednesday, March 6 • 5:00 -7:00pm at Swenson Hall atrium

Featuring free appetizers and a cash bar

POSTERS

★ indicates entry in People's Choice award for best student poster.

Poster	Presentation Title	Presenter
1	Exploring the St. Louis River Estuary Avian Visualization Tool	Jennifer Fuller
2	Characterization of PFAS residues in the tree swallow food web to support bioenergetics-based dosimetry modeling for contaminated site risk assessments	Alexandra Pesano
3	Food-web exposure and consequent effects of PFAS on insectivorous birds in the St. Louis River watershed	Abby Odegard
4	Pokegama Bay rustic boat launch improvements increase visitor use and improve visitor experience	Hannah Ramage
5	USFWS Midwest Coastal Program	Lacey Hill Kastern
6	Manomin Camp 2023: Welcoming Manoomin Back to Gichi Gami Ziibi	Marne Kaeske
7	Options for Cleaning up Contaminated Sediments in the Superior Slips, St. Louis River Area of Concern	Joseph Graham
8 ★	Explore the Lake Superior Reserve Habitat Map	Chris Susnik
9	Morphological Zooplankton Analysis of 2021 Early Detection and Monitoring Samples from the Smithsonian Environmental Research Center's (SERC) Great Lakes Invasives Sentinel Sites Network Program (GLISSNet)	Lana Fanberg
10 ★	Assessing the Perceptions of Environmental Restoration through Aesthetics Monitoring	Jules Witts
11	Allouez Bay Marsh Bird Habitat Restoration	Rob Peterson
12	Green Stormwater Infrastructure Code Audits: Updating Local Regulatory Structures for a Changing Climate	Jessy Carlson
13 ★	Biofilm Formation is Impacted by Additives and Weathering of Polymers	Clare List
14	St. Louis River and Nemadji River Watershed Monitoring Results	Murphy Steininger
15	Manoomin·Psíŋ, an Indicator for Healthy Lives, Minds, and Ecosystems!	Giovanni Delgado-Ortiz
16	Dive into the Lake Superior Reserve with a new site profile	Deanna Erickson
17	Assessing the sensitivity and resiliency of Lake Superior coastal wetlands to climate change	Mike Smale
18	Evolving Research Priorities, Reporting Methods, and Partnerships within the St. Louis River Estuary	Caitlin McConaghy
19	A new look at species composition and distribution of invasive Dreissena mussels in the lower St. Louis River and Lake Superior	Chelsea Hatzenbuhler
20	NOAA's New High-Resolution Coastal Land Cover	Brandon Krumwiede
21	"Introducing GLISSNet: A new detection program for introduced invertebrates in the Great Lakes"	Aubree Szczepanski
22	It only takes one! How to get AIS out of your boat	Holly Wellard Kelly
23	New perspectives on spatial and temporal distributions of legacy and emerging contaminants in Lake Superior	Amber McRae
24 ★	Approaches for System Level Habitat Classification of the Lake Superior National Estuarine Research Reserve in Google Earth Engine	Cole Wilson

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25 ★	Exploring Nutrient Input Dynamics in Lake Superior's South Shore Streams Amidst Urbanization and Land Use Change	Rob McManus
26 ★	Effective Rusty Crayfish Removals to Protect Wild Rice	Brennan Pederson
27 ★	Using eDNA Methods to Detect Rusty Crayfish (Faxonius rusticus) in Manoomin (Wild Rice) Watersheds	Hailey Anderson
28 ★	Using eDNA Methods to Detect Rusty Crayfish (Faxonius rusticus) in Manoomin (Wild Rice) Watersheds	Tyler Selin
29 ★	Where and when does interference with total phosphorus colorimetric methods lead to inaccurate concentrations in aquatic ecosystems?	Eva Hendrickson
30	Stream flow and water quality estimation from minimal measurements: application of sparse sensing	Kun Zhang
31 ★	Mesocosm assessment of the invasion risk from non-native, ballast-borne protists	Abigail Latanich
32	Classifying Visitor Activity from Trail-camera Data at the Pickle Ponds Restoration Site Using the TRail Activity Classification Tool (TRACT)	Jesse Engebretson
33	A review of social indicators of environmental restoration	Meghan Klasic
34	*Entry Withdrawn*	
35 ★	Adhesion of Cyanobacteria to Microplastic Surfaces and Influence on Microplastic Transport	Fuad Shatara
36	An Overview of the Content and Status of the Environmental Sensitivity Index (ESI) datasets of the Great Lakes	Nicolle Rutherford
37 ★	Plastic Debris: is a problem in Superior, WI?	Mateo Abarca
38 ★	Water Quality through a 5th Grade Lens	Matthew Peck

ARTWORK

Exhibit	Artwork Title	Artists
A	*Avian Night Skies Mysteries*	Marybeth Garrigan, Petra Johnita Lommen, and Stephen Wilbers
B	*5th Grade Visions for an Enduring Future*	Bryant Elementary, Stacy Burfields's 5th grade class
C	*Love Gichigami Ziibi (Love the St. Louis River)*	Lisa Fitzpatrick
D	*Red River* *Foundation Bay*	Kelly Beaster
E	*Grave Marker for St. Louis River Denizen*	Ellen Sandbeck
F	*Surrounding*	Anastasia Bamford
G	*Into the Woods & Waterways of the St. Louis River Estuary*	Michael Anderson
H	*2022 Storm Drain Art Project*	City of Superior Environmental Services Division in partnership with Rachel Eisenmann, Chelsey Miller, Anndrea Ploeger, Dawn, Molly, and Mazie Turchi
I	*Mouth of the Lester River, Spring* *Peregrine Falcon Landing* *Bronze Hercules Beetle* *Digital illustration of Daphnia pulex* *Digital illustration of the fingernail clam Sphaerium striatinum* *Life Cycle of a Caddisfly (Limnephilidae: Pycnopsyche)*	Adam Frankiewicz
J	*Healing Our Great Lakes Habitat*	Vidya Balasubramanyam
K	*In the St, Louis River Estuary, Where Do You Go and How Do You Feel?*	Tom Hollenhorst, Karin Kraemer, and Molly Wick