



GEN FISH AGM '23

SCHEDULE

Thursday
December 7
11:00 am - 4:30 pm ET

STUDENT PRESENTATIONS		CLICK ICON TO JOIN
11:00 am	WELCOME REMARKS - DR. DANIEL HEATH GEN-FISH Co-Lead, Great Lakes Institute for Environmental Research, University of Windsor	
11:15 am	DEVELOPMENT OF A DECISION-MAKING MODEL EVALUATING METHODS OF SAMPLING FISH IN INLAND WATER BODIES - PETER MARTIN University of Guelph	
11:30 am	BROOK CHARR RESPONSES TO ANTHROPOGENIC STRESS USING TRANSCRIPTIONAL CHIPS - JULIE VIANA Université du Québec à Rimouski	
11:45 am	CHINOOK SALMON (ONCORHYNCHUS TSHAWYTSCHA) GUT GENE EXPRESSION REGULATED BY GUT MICROBIOME - JAVAD SADEGHI University of Windsor	
12:00 pm	FISH eDNA CONCENTRATION AND RELATIVE ABUNDANCE IN STORM WATER PONDS - IAN SMITH University of Windsor	



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12:15 pm	STUDENT 3-MINUTE PRESENTATIONS Riley Beach Alyssa Weinrauch Dane Roberts Dennis Higgs Edel Bai Analisa Lazaro-Côté Patricia Voyer Nicolas Tugui Andrew Howarth	
12:45-1:30 pm BREAK		
ROUNDTABLE DISCUSSIONS		CLICK ICON TO JOIN
1:30-2:30 pm	CO-PRODUCTION WORKSHOP - DR. STEVEN COOKE - What is co-production, co-assessment, & co-evolution? - Why do we engage in co-production? - What are best practices for co-production? - Partnering with Indigenous communities & governments - Partnering with stakeholders - Partnering with decision makers and industry	
2:30-3:30 pm (concurrent)	APPLICATION OF STP-CHIPS ROUNDTABLE - DR. KEN JEFFRIES & DR. DANIEL HEATH - The current status of the STP-Chip development. - The species and stressor that can be examined using the different STP-Chips. - Potential future applications of the technology.	



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<p>2:30-3:30 pm (concurrent)</p>	<p>APPLICATION OF EDNA ASSAYS ROUNDTABLE - DR. MATTHEW YATES & DR. MARGARET DOCKER</p> <ul style="list-style-type: none"> - Issues surrounding eDNA assay development and validation, ft. Brooklynne Litke (Docker Lab). - Challenges associated with the application of eDNA assays in natural ecosystems and interpreting the resulting ecological data. 	
<p>3:30-4:30 pm</p>	<p>OVERCOMING BARRIERS TO ADOPTION - GEN-FISH ACTIVITY LEADS</p> <ul style="list-style-type: none"> - Discussion of the technical barriers to adoption: communication, training, software, and more. - What are the main barriers to fishery management and fish conservation adoption of GEN-FISH genomics tools? - Are there different barriers for eDNA tools for detection vs. gene transcription tools for fish health? - Is cost or reliability a more significant barrier to adoption? 	
<p>4:30 pm WRAP UP</p>		



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SCHEDULE

Friday
December 8
11:00 am - 3:30 pm ET

PROJECT UPDATES

CLICK ICON
TO JOIN

11:00 am	WELCOME REMARKS - DR. STEVEN COOKE GEN-FISH Co-Lead, Institute of Environmental and Interdisciplinary Science, Carleton University	
11:05 am	FISH SURVEY TOOLKIT (eDNA) Activity 1: Development of Fish Survey Toolkit Activity 2: In situ "ground-truthing" of Fish Survey Toolkit Brief Questions	
12:00 pm	FISH HEALTH TOOLKIT (STP-CHIP) Activity 3: Development of Fish Health Toolkit Activity 4: Multi-scale validation and proof-of-concept of Fish Health Toolkit Brief Questions	
1:00 pm	DECISION GUIDING TOOLKIT (GE3LS) Activity 5: Development of Decision-Guiding Toolkit Brief Questions	

1:15-2:00 pm

BREAK



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DECEMBER 8 - SCHEDULE

OPEN DISCUSSIONS		CLICK ICON TO JOIN
2:00-2:30 pm	FISH SURVEY TOOLKIT (eDNA)	
2:30-3:00 pm	FISH HEALTH TOOLKIT (STP-CHIP)	
3:00-3:30 pm	DECISION-GUIDING TOOLKIT (GE3LS)	
3:30 pm	WRAP UP	

THIRD ANNUAL
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 VIRTUAL