

2017 Minnesota Aquatic Invasive Species Research and Management Showcase



Morning sessions

7:45: Check-in opens

8:30: Opening remarks in room 135

Breakout session 1 (choose one):

	Room 135AC	Room 135BD	Room 155A	Room 155B	Room 166	Room 156	Lab tours
9:15 – 10:00	Musseling out mussels: the current state of MAISRC research on zebra mussel prevention and control	Aquatic plant invasions: ions and drivers and carp (oh my)	How to kill zebra mussels with molluscicides at various water temperatures in a rapid response scenario	A way forward with invasive common carp in Six Mile Creek, a severely impaired and large West Metro watershed	Will AIS infest every lake? Using mathematical models to understand risk	When is an invasive species a problem? A case study with Heterosporosis	n/a
	Mike McCartney	Dan Larkin, Ranjan Muthukrishnan	Jim Luoma	Reid Swanson	Nick Phelps	Megan Tomamichel	

Breakout session 2 (choose one):

	Room 135AC	Room 135BD	Room 155A	Room 155B	Room 166	Room 156	Lab tours
10:15 – 11:00	From little bugs to big fish: beginning to understand how AIS disrupt sport fisheries	Something old, something new: Curly-leaf pondweed and starry stonewort management	A better future for Minnesota lakes, version 2.0: zebra mussels are leaving tracks and we are still on it!	Hitchhikers on the hitchhikers: Novel viruses to control invasive fish populations	Counting zebras: More effective sampling designs for newly infested lakes	How Locks and Dams could be used to stop Bigheaded (Asian) carp	Lab tour 1: Meet at registration desk*
	Bethany Bethke	Mike Verhoeven, Wes Glisson	Sophie Mallez	Sunil Mor, Isaiah Tolo	John Fieberg	Peter Sorensen, Anvar Gilmanov, Clark Dennis	Tour with lab manager Jay Maher; Demo from Whooshh Innovations

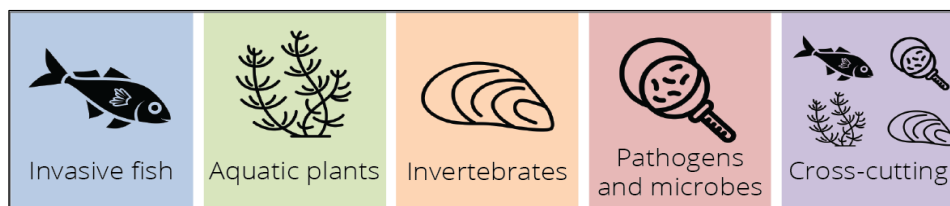
Breakout session 3 (choose one):

	Room 135AC	Room 135BD	Room 155A	Room 155B	Room 166	Room 156	Lab tours
11:15 – 12:00	What can we learn from lake mud? Mining the past to predict future impacts of spiny waterflea	How to kill zebra mussels with molluscicides at various water temperatures in a rapid response scenario	Getting a handle on hybrids: assessing the distribution of hybrid watermilfoil	Get involved: what you can do now in the fight against AIS and what's coming in 2018	Phragmites — hiding in plain sight?	The value of eDNA as measurement tool for carps and how it can be improved using attractants	Lab tour 2: Meet at registration desk*
	Donn Branstrator, Euan Reavie	Jim Luoma	Ray Newman	Megan Weber	Sue Galatowitsch, Julia Bohnen	Peter Sorensen, Ratna Ghosal	Tour with lab manager Jay Maher; Demo from Whooshh Innovations

12:00 – 1:00: Enjoy lunch with researchers and colleagues

* Note: you must have pre-registered for a lab tour. Your assigned lab tour time is printed on your nametag.

Session key:



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Afternoon sessions

Breakout session 4 (choose one):

	Room 135AC	Room 135BD	Room 155A	Room 155B	Room 166	Room 156	Lab tours
1:15 – 2:00	Musseling out mussels: the current state of MAISRC research on zebra mussel prevention and control	No guts, no glory! The inside story about using biocontrol for invasive plants and mussels	A better future for Minnesota lakes, version 2.0: zebra mussels are leaving tracks and we are still on it!	A way forward with invasive common carp in Six Mile Creek, a severely impaired and large West Metro watershed	Aquatic plant invasions: ions and drivers and carp (oh my)	When is an invasive species a problem? A case study with Heterosporosis	n/a
	Mike McCartney	Mike Sadowsky	Sophie Mallez	Reid Swanson	Dan Larkin, Ranjan Muthukrishnan	Megan Tomamichel	

Breakout session 5 (choose one):

	Room 135AC	Room 135BD	Room 155A	Room 155B	Room 166	Room 156	Lab tours
2:15 – 3:00	From little bugs to big fish: beginning to understand how AIS disrupt sport fisheries	Will AIS infest every lake? Using mathematical models to understand risk	<i>Phragmites</i> — hiding in plain sight?	Get involved: what you can do now in the fight against AIS and what's coming in 2018	Creatively controlling common carp: new advances and methods	What can we learn from lake mud? Mining the past to predict future impacts of spiny waterflea	Lab tour 3: Meet at registration desk*
	Bethany Bethke	Nick Phelps	Sue Galatowitsch, Julia Bohnen	Megan Weber	Przemek Bajer	Donn Branstrator, Euan Reavie	Demos from Pat Mulcahy, Adam Doll, Valerie Brady, Whooshh Innovations

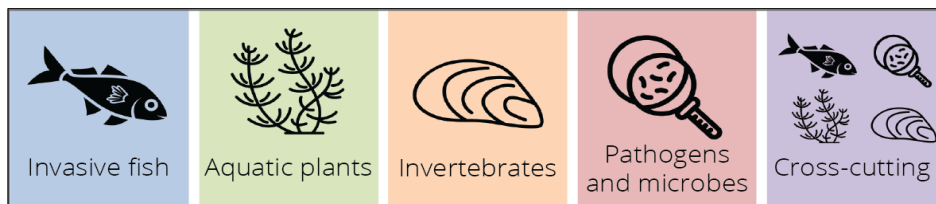
Breakout session 6 (choose one):

	Room 135AC	Room 135BD	Room 155A	Room 155B	Room 166	Room 156	Lab tours
3:15 – 4:00	Something old, something new: Curly-leaf pondweed and starry stonewort management	Counting zebras: More effective sampling designs for newly infested lakes	Getting a handle on hybrids: assessing the distribution of hybrid watermilfoil	Creatively controlling common carp: new advances and methods	Hitchhikers on the hitchhikers: Novel viruses to control invasive fish populations	No guts, no glory! The inside story about using biocontrol for invasive plants and mussels	Lab tour 4: Meet at registration desk*
	Mike Verhoeven, Wes Glisson	John Fieberg	Ray Newman	Przemek Bajer	Sunil Mor, Isaiah Tolo	Mike Sadowsky	Demos from Pat Mulcahy, Adam Doll, Valerie Brady, Whooshh Innovations

4:00 – 5:00: Please join researchers for a reception in the lobby area featuring posters from MAISRC researchers on unique topics, plus beer, wine, and appetizers.

* Note: you must have pre-registered for a lab tour. Your assigned lab tour time is printed on your nametag.

Session key:



Research conducted at the Minnesota Aquatic Invasive Species Research Center is possible through the support of the Environment and Natural Resources Trust Fund as recommended by the Legislative-Citizen Commission on Minnesota Resources, the Clean Water Fund, watershed districts, lakeshore associations, and other private and public sources.