

## Kelly Filer Robinson

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### EDUCATION

Ph.D., Forest Resources (Fisheries Science), **University of Georgia**, Athens, GA, May 2011  
M.S., Marine Biology, **College of Charleston**, Charleston, SC, December 2006  
B.A., Biology, Spanish, **University of Virginia**, Charlottesville, VA, May 2001

### PROFESSIONAL EXPERIENCE

**August 2022–present.** Assistant Unit Leader. Georgia Cooperative Fish and Wildlife Research Unit, United States Geological Survey, University of Georgia, Athens, GA.  
**August 2022–present.** Adjunct Associate Professor. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA.  
**July 2022–August 2022.** Associate Professor. Quantitative Fisheries Center and Institute for Water Research, Department of Fisheries and Wildlife, Michigan State University, East Lansing, MI.  
**March 2016–June 2022.** Assistant Professor. Quantitative Fisheries Center and Institute for Water Research, Department of Fisheries and Wildlife, Michigan State University, East Lansing, MI.  
**April 2015–February 2016.** Independent Consultant- Decision Analysis and Data Analysis.  
**March 2012–March 2015.** Postdoctoral Research Associate. New York Cooperative Fish and Wildlife Research Unit, Department of Natural Resources, Cornell University, Ithaca, NY.  
**January 2007–August 2011.** Graduate Research Assistant / Research Professional III. Georgia Cooperative Fish and Wildlife Research Unit, University of Georgia, Athens, GA.  
**September 2006–December 2006.** Laboratory Technician, Freshwater Fish Ecology Lab, University of Georgia, Athens, GA.  
**May 2004–August 2006.** Graduate Research Assistant, South Carolina Department of Natural Resources, Charleston, SC.  
**October 2002–May 2003.** Laboratory Technician, Fish Systematics Lab, Old Dominion University, Norfolk, VA.  
**July 2001–May 2002.** Biomolecular Research Facility DNA Sequencing Lab, University of Virginia, Charlottesville, VA.

### CONTRACTS AND GRANTS (TOTAL ACQUIRED: \$2,542,951)

20. Clark, E., **K. Robinson**, M. Schaefer, D. Fegan, G. Roloff. Midwest Tribal Wild Rice Coordination and Planning in Partnership with the Center for Cooperative Ecological Resilience. Bureau of Indian Affairs, **\$249,638**.
19. Fegan, D., E. Clark, **K. Robinson**. Inter-agency planning for St. Marys River (MI) coastal wetland resiliency. National Fish and Wildlife Foundation – National Coastal Resilience Fund, **\$130,725**.
18. Infante, D., **K. Robinson**. Developing a holistic approach to evaluate and communicate natural resource assets and management actions for Michigan’s large rivers: Focus on the Au Sable River. Michigan Department of Natural Resources, **\$260,000**, April 2021–March 2023.
17. Jones, M., **K. Robinson**. Using stock assessment information to inform harvest policy in data-limited fisheries. Great Lakes Fishery Commission, **\$44,951**, April 2021–December 2022.
16. **Robinson, K.**, T. Brenden. Development of a basis for allocation of fish production between management needs and double-crested cormorant predation within their nesting range. Great

- Lakes Fish and Wildlife Restoration Act via Michigan Department of Natural Resources, **\$72,996**, October 2020–December 2021.
15. Ludsin, S.A., C.J. Winslow, E.A. Marschall, K.M. DeVanna Fussell, J.K. Craig, M.R. DuFour, **K.F. Robinson**, D.M. Mason, B.M. Roth, H. Zhang, D.A. Julian. Great Lakes fisheries science training workshop for undergrads. National Oceanic and Atmospheric Association Undergraduate Population and Ecosystem Dynamics Workshop Special Projects Competition, **\$139,801**, Summer 2022.
  14. Brenden, T., M. Jones, **K. Robinson**. Lake Productivity Modeling to Estimate Capacity to Support Double-Crested Cormorant Predation. USDA Animal and Plant Inspection Service via Michigan Department of Natural Resources, **\$40,000**, January 2020 – June 2021.
  13. Brenden, T., M. Jones, **K. Robinson**. Lake Productivity Modeling to Estimate Capacity to Support Double-Crested Cormorant Predation. US Fish and Wildlife Service via Michigan Department of Natural Resources, **\$70,000**, January 2020 – June 2021.
  12. Murphy, C., L. Ivan, **K. Robinson**, S. Sitar, J. Bence. Assessment of Sea Lamprey Parasitism Sublethal Impacts on Siscowet and Lean Lake Trout Populations. Great Lakes Fishery Commission, **\$128,191**, January 2020 – December 2021.
  11. **Robinson, K.**, M. Jones, R. Clark, B. Roth. Updated Decision Analysis to Inform Multi-Species Salmonine Management in Lake Michigan. Michigan Sea Grant, **\$150,000**, February 2020 – January 2022.
  10. **Robinson, K.**, M. Kornis, D. Bunnell, J. Janssen, S. Riley, B. Weidel, D. Hondorp, M. Vinson. Evaluating the Effects of Increased Predator and Competitor Abundances on Slimy Sculpin Populations in the Great Lakes. Great Lakes Fishery Commission, **\$226,623**, January 2020 – December 2024.
  9. **Robinson, K.**, M. Jones, R. Clark, M. Kornis, C. Bronte, K. Pangle. Assessing the Contribution of Wild Chinook Salmon from Lakes Huron and Michigan to the Lake Michigan Sport Fishery Using Otolith Microchemistry. Great Lakes Fishery Trust, **\$131,129**, October 2019 – September 2021.
  8. **Robinson, K.** Continued Coordination for Workshops with Grass Carp Structured Decision Making Working Group. Michigan Department of Natural Resources, **\$28,575**, March 2019 – September 2019.
  7. **Robinson, K.**, M. Jones, Y. Jiao. Managing Lake Erie walleye (*Sander vitreus*) in the face of uncertain natural mortality and climate-related effects on recruitment. Great Lakes Fishery Commission, **\$63,994**, January 2019 – December 2021.
  6. **Robinson, K.** Consequences of Connectivity. Great Lakes Fishery Commission, **\$301,216**, January 2019 – December 2023.
  5. Anctil, A., D. Bessette, S. Moore, M. Ruddy, **K. Robinson**. Examining the Impacts of and Improving Decision-Making Processes for Offshore Wind Development in the U.S. Great Lakes. MSU Interdisciplinary Team Building Initiative, **\$10,000**, June 2018 – May 2020.
  4. **Robinson, K.**, S. Herbst, J. Boase, J. Francis, **M. DuFour**, T. Brenden, P. Kočovský, K. Scribner, J. Robinson. Implementing and evaluating grass carp control actions in Lake Erie. Michigan Invasive Species Grant Program, **\$250,400**, April 2018 – October 2021.
  3. **Robinson, K.** Professional Development Micro-grant, MSU College of Agriculture and Natural Resources, **\$2,500**, June 2017.
  2. **Robinson, K.**, M. Jones. Grass Carp Structured Decision Making to Inform Adaptive Management Framework. Michigan Department of Natural Resources, **\$80,000**, December 2016 – September 2017.
  1. **Robinson, K.**, M. Khoury, A. Milt, D.J. Shook, L. Walter. Comparison of Decision Making Techniques for Selection of River Connectivity Projects in the Michigan Fruitbelt. Great Lakes Fishery Commission, **\$152,622**, October 2016 – October 2018.

#### PEER-REVIEWED PUBLICATIONS

*Published*

25. Cook, J., S.A. Christensen, D.M. Williams, W.F. Porter, **K.F. Robinson**. 2022. An expert-elicited approach to inform risk assessments for infectious wildlife diseases. *Conservation Science and Practice*. 4(6): e12678.
24. Fischer, J., L. Nathan, J. Buszkiewicz, J. Colm, D.A.R. Drake, M. DuFour, J. Francis, P. Kočovský, D. Marson, E. Smyth, R. Young, **K.F. Robinson**. 2022. Using surrogate species to inform control methods for invasive grass carp. *North American Journal of Fisheries Management*. 42:151-163.
23. Volkel, S., **K.F. Robinson**, D.B. Bunnell, M. Connerton, D. Hondorp, J. Holden, B. Weidel. 2021. Slimy sculpin depth distribution shifts and habitat squeeze following round goby invasion in the Laurentian Great Lakes. *Journal of Great Lakes Research* 47:1793-1803.
22. **Robinson, K.F.**, S.M. Miehl, M.J. Siefkes. 2021. Understanding sea lamprey populations in the Great Lakes prior to broad implementation of sea lamprey control. *Journal of Great Lakes Research, Special Issue on Sea Lamprey International Symposium III (SLIS III)* 47 (Supplement 1):S328-334.
21. Hume, J.B., P.R. Almeida, C.M. Buckley, L.A. Criger, C.P. Madenjian, **K.F. Robinson**, C. Wang, A.M. Muir. 2021. Managing native and non-native sea lamprey (*Petromyzon marinus*) populations in the face of anthropogenic change: a prospective assessment of key threats and uncertainties. *Journal of Great Lakes Research, Special Issue on Sea Lamprey International Symposium III (SLIS III)* 47 (Supplement 1):S704-722.
20. Hinderer, J.L.M., S.J. Cooke, E. Dunlop, Z. Blevins, A. Muir, N. Young, D. Stang, **K.F. Robinson**. 2021. Insights from a novel, user-driven science transfer program for natural resources management. *Socio-Ecological Practice Research* 3:337-362. \*Selected as Editor's Choice.
19. Mayer, C.M., **K.F. Robinson**, J.M. Dettmers. 2021. Research and management efforts to control or prevent invasion by invasive Asian carps in the Great Lakes. *Journal of Great Lakes Research, Special Issue: Research and management efforts on invasive Asian carps in the Laurentian Great Lakes* 47:1-2.
18. DuFour, M., **K.F. Robinson**, M. Jones, S. Herbst. 2021. A matrix population model to aid grass carp (*Ctenopharyngodon idella*) management in the Great Lakes Basin – Lake Erie. *Journal of Great Lakes Research, Special Issue: Research and management efforts on invasive Asian carps in the Laurentian Great Lakes* 47:69-82.
17. **Robinson, K.F.**, P.J. Alsip, D.A.R. Drake, Y.-C. Kao, M.A. Koops, D.M. Mason, E.S. Rutherford, H. Zhang. 2021. Reviewing uncertainty in bioenergetics and food web models to project invasion consequences: four major Chinese carps in the Great Lakes. *Journal of Great Lakes Research, Special Issue: Research and management efforts on invasive Asian carps in the Laurentian Great Lakes* 47:83-95.
16. **Robinson, K.F.**, M. DuFour, M. Jones, S. Herbst, T. Newcomb, J. Boase, T. Brenden, D. Chapman, J. Dettmers, J. Francis, T. Hartman, P. Kocovksy, B. Locke, C. Mayer, J. Tyson. 2021. Using decision analysis to collaboratively respond to invasive species threats: a case study of Lake Erie grass carp (*Ctenopharyngodon idella*). *Journal of Great Lakes Research, Special Issue: Research and management efforts on invasive Asian carps in the Laurentian Great Lakes* 47:108-119.
15. **Robinson, K.F.**, C.R. Bronte, D.B. Bunnell, P. Euclide, D. Hondorp, J. Janssen, M. Kornis, S. Riley, M. Vinson, S. Volkel, B. Weidel. 2021. A synthesis of the biology and ecology of sculpin species in the Laurentian Great Lakes and implications for the adaptive capacity of the benthic ecosystem. *Reviews in Fisheries Science and Aquaculture* 29:96-121.
14. Lin, H., **K.F. Robinson**, L. Walter. 2020. Trade-offs among road-stream crossing upgrade prioritizations based on connectivity restoration and erosion risk control. *River Research and Applications* 36:371-382.

13. Lennox, R., G.A. Bravener, Lin, H., C.P. Madenjian, A.M. Muir, C.K. Remical, **K.F. Robinson**, A.M. Rous, M.J. Siefkes, M.P. Wilkie, S.J. Cooke. 2020. Potential changes and challenges to the biology and management of invasive sea lamprey *Petromyzon marinus* in the Laurentian Great Lakes due to climate change. *Global Change Biology* 26:1118-1137.
12. Lin, H., **K.F. Robinson**, M. Jones, L. Walter. 2019. Using structured decision making to overcome scale mismatch challenges in barrier removal for watershed restoration. *Fisheries* 44:545–550.
11. **Robinson, K.F.**, A.K. Fuller, R.C. Stedman, W.F. Siemer, D.J. Decker. 2019. Integration of social and ecological science in natural resource decision making: challenges and opportunities. *Environmental Management* 63:565–573.
10. Lin, H., **K.F. Robinson**, A. Milt, L. Walter. 2019. The application of decision support tools and the influence of local data in prioritizing barrier removal in lower Michigan, USA. *Journal of Great Lakes Research* 45:360–370.
9. Lin, H., **K.F. Robinson**. 2019. How do migratory fish populations respond to barrier removal in spawning and nursery grounds? *Theoretical Ecology* 12:379-390.
8. **Robinson, K.F.**, A.K. Fuller, M.V. Schiavone, B.L. Swift, D.R. Diefenbach, W.F. Siemer, D.J. Decker. 2017. Addressing wild turkey (*Meleagris gallapavo*) population declines using structured decision making. *Journal of Wildlife Management* 81(3): 393–405.
7. **Robinson, K.F.**, A.K. Fuller, J.E. Hurst, B.L. Swift, A. Kirsch, J. Farquhar, D.J. Decker, W.F. Siemer. 2016. Structured decision making as a framework for large-scale wildlife harvest management decisions. *Ecosphere* 7(12): e01613.
6. Cohen, J., A. Hecht, **K.F. Robinson**, E.E. Osnas, A.J. Tyre, C. Davis, A. Kocek, B. Maslow, S. Melvin. 2016. To exclose nests or not: structured decision making for the conservation of a threatened species. *Ecosphere* 7(10): e01499.
5. **Robinson, K.F.**, D.R. Diefenbach, A.K. Fuller, J.E. Hurst, C.S. Rosenberry. 2014. Can managers compensate for coyote predation of white-tailed deer? *Journal of Wildlife Management* 78: 571–579.
4. **Robinson, K.F.**, C.A. Jennings. 2014. Productivity of functional guilds of fishes in managed wetlands in coastal South Carolina. *Journal of Fish and Wildlife Management* 5: 70–86.
3. **Robinson, K.F.**, C.A. Jennings. 2014. A comparison of resident fish assemblages in managed and unmanaged coastal wetlands in North Carolina and South Carolina, USA. *Southeastern Naturalist* 13: 237–260.
2. **Robinson, K.F.**, C.A. Jennings. 2012. Maximizing recruitment of age-0 spot (*Leiostomus xanthurus*) from a South Carolina estuary: an evaluation of coastal impoundment management alternatives via structured decision-making. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 4: 156–172.
1. **Filer, K.R. [K.F. Robinson]**, G.R. Sedberry. 2008. Age, growth and reproduction of the barrelfish *Hyperoglyphe perciformis* (Mitchill) in the western North Atlantic. *Journal of Fish Biology* 72: 861–882.

#### *Submitted*

1. Muir, A.M., J.R. Bernhardt, N.W. Boucher, C. Cvitanovic, J.M. Dettmers, M. Gaden, J.L.M. Hinderer, B. Locke, **K.F. Robinson**, M.J. Siefkes, N. Young, S.J. Cooke. In revision. Confronting a post-pandemic new-normal— threats and opportunities to trust-based relationships in natural resource science and management. *Journal of Environmental Management*.

#### *In preparation*

4. **Robinson, K.F.**, R. Arlinghaus, E. Camp, R. Stedman. In prep. Adaptive Management. In: *Understanding Recreational Fishers: Disciplinary and Interdisciplinary Approaches for*

- Fisheries Management. A. Lynch, K. Pope, R. Arlinghaus, L. Hunt, and B. Van Poorten, editors.
3. **Robinson, K.F.**, M.L. Jones, S. Herbst, L. Nathan, J. Fischer, M. DuFour, T. Newcomb. In prep. Applications of decision analysis to environmental management decisions in the Great Lakes: lessons learned and future challenges. Invited paper to be submitted to Decision Analysis.
  2. Volkel, S., **K.F. Robinson**, D.B. Bunnell, D. Hondorp, B. Weidel, E. Marsden, M. Vinson, E. Roseman, S. Riley. In prep. Changes in the condition of slimy (*Cottus cognatus*) and deepwater (*Myoxocephalus thompsonii*) sculpins in the Great Lakes associated with shifts in benthic species composition.
  1. Buckley, C., **K.F. Robinson**, H. Lin. In prep. Barrier removal, sea lamprey (*Petromyzon marinus*) management, and a changing climate in the Great Lakes.

#### BOOK CHAPTERS

2. **Robinson, K.F.**, A.K. Fuller, M.L. Jones. 2021. Using structured decision making to incorporate ecological and social values into harvest decisions: case studies of white-tailed deer and walleye. In: Harvest of fish and wildlife: new paradigms for sustainable management. K.L. Pope and L.A. Powell, editors. CRC Press, Boca Raton, Florida, USA.
1. **Robinson, K.F.**, A.K. Fuller. 2017. Participatory modeling and structured decision making. In: Environmental modeling with stakeholders: theory, methods, and applications. S. Gray, M. Paolisso, S. Gray, and R. Jordan, editors.

#### TECHNICAL REPORTS

9. Lin, H., **K.F. Robinson**, L. Walter. 2018. Structured decision making for barrier removal prioritization. Workshop report to the Ohio Department of Natural Resources, Sandusky, OH.
8. Volkel, S., **K.F. Robinson**. 2017. First sculpin workshop report. Report to the Great Lakes Fishery Commission, Ann Arbor, MI.
7. Jones, M.L., T.B. Steeves, S. Nowicki, **K.F. Robinson**, L. Peterson, A.J. Jensen. 2017. Accounting for potential effects on fish production from barrier removals to inform management decisions: an application of structured decision making. Report to the Great Lakes Fishery Commission Science Transfer Board, Ann Arbor, MI.
6. Wood, J., S. Veloz, G. Block, **K.F. Robinson**. 2016. San Pablo Bay National Wildlife Refuge Climate Adaptation Plan. Report to the San Pablo Bay NWR and San Francisco Bay Joint Venture, San Francisco, CA.
5. **Robinson K.F.**, C. Brown-Lima, C. Marschner, P. Barrett, R. Williams, A. Locke, H. Mosher, S. Young, B. Quirion, L. Gailor, M. Marquand, L. Rohleder, B. Blossey, S. Bachman, J. Dean, D. Adams, L. Suprenant, M. Taylor, B. O'Brien. 2015. Developing criteria for invasive species priority setting in New York State. Report from the structured-decision making workshop, Cornell University, Ithaca, NY.
4. **Robinson, K.F.**, A.K. Fuller. 2015. A structured decision making approach to white-tailed deer buck harvest management in New York State. Report to the New York State Department of Environmental Conservation, Albany NY.
3. **Robinson, K.F.**, A.K. Fuller. 2015. A structured decision making approach to mitigating wild turkey population decline in New York State. Report to the New York State Department of Environmental Conservation, Albany, NY.
2. Huning, B., B.J. Mattsson, C. Sloop, G. Block, J. Cummings, W. Murray, **K.F. Robinson**. 2015. Developing a spatially-explicit climate adaptation framework for estuarine ecosystems of the San Francisco Bay: Climate Adaptation for Decision Support. San Francisco Bay Joint Venture, Fairfax, CA.
1. Hecht, A., **K.F. Robinson**, E.E. Osnas, J. Cohen, A.J. Tyre, D. Brinker, C. Davis, M. Hake, L. Johnson, E. King, A. Kocek, B. Maslow, S. Melvin, T. Pover, L.M. Zitske, D.C. Brewer, F.

Johnson. 2014. Balancing demographic benefits and risks of using predator exclosures on U.S. Atlantic Coast piping plover nests. National Conservation Training Center, Shepherdstown, WV. <http://training.fws.gov/courses/ALC/ALC3159/reports/final-reports/2014FR/Hecht-et-al-2014-Piping-Plover-Predator-Enclosures.pdf>

#### OTHER PUBLICATIONS

1. **Robinson, K.F.**, C. Barans, M. Arendt. 2018. Predictions of the presence of coastal pelagic fishes off Georgia, USA, from local oceanographic and biological conditions. Proceedings of the 70<sup>th</sup> Gulf and Caribbean Fisheries Institute 70:315–323.

#### AWARDS AND HONORS

1. **Decision Analysis Practice Award.** 2020. Outstanding decision analysis work on a critical decision, Decision Analysis Society and the Society for Decision Professionals.

#### INVITED SEMINARS AND PRESENTATIONS

15. **Robinson, K.F.**, C. Buckley, S. Flinn, H. Lin, L. Walter. 2021. Barrier removal and remediation in the Great Lakes: accounting for scale in the decision process. Annual Meeting of the American Fisheries Society, Baltimore, MD. November 6–10.
14. **Robinson, K.F.** 2021. A decision analytic approach to collaboratively respond to invasive grass carp in Lake Erie. Interagency Ecological Restoration Quality Committee (IERQC) Monthly Webinar Series. October 28.
13. **Robinson, K.F.** 2021. Using decision analysis for the collaborative management of natural resources. School of Natural Resources Seminar Series, University of Nebraska-Lincoln. October 27.
12. **Robinson, K.F.**, M.L. Jones, B. Roth, R. Clark. 2021. Updating the predator-prey ratio to evaluate stocking strategies for all salmon and trout species (an update). Southern Lake Michigan Fishery Workshop. Virtual, April 22.
11. **Robinson, K.F.**, M. DuFour, L. Nathan, J. Fischer, M. Jones, S. Herbst, T. Newcomb. 2021. A decision analytic approach to collaboratively respond to invasive grass carp in Lake Erie. Society of Decision Professionals Annual Meeting. Decision Analysis Practice Award talk. Virtual, April 14–16.
10. **Robinson, K.F.**, M. DuFour, L. Nathan, J. Fischer, M. Jones, S. Herbst, T. Newcomb. 2020. A decision analytic approach to collaboratively respond to invasive grass carp in Lake Erie. INFORMS Annual Meeting. Virtual, November 8–13.
9. Dettmers, J., and **K.F. Robinson**. 2020. Responding to the threat of invasive grass carp in Lake Erie: how science focuses management actions. NotMISpecies webinar series (Michigan Invasive Species Grant Program webinar series). October 22.
8. **Robinson, K.F.**, M.L. Jones, B. Roth, R. Clark. 2020. Updating the predator-prey ratio to evaluate stocking strategies for all salmon and trout species. Ludington Regional Fishery Workshop. Ludington, MI, February 1.
7. **Robinson, K.F.** 2020. Structured decision making for sustainable fisheries. 75<sup>th</sup> Annual Convention of the Ontario Commercial Fisheries Association. Niagara Falls, ON, January 10–12.
6. **Robinson, K.F.**, A.K. Fuller, M.V. Schiavone, D.R. Diefenbach, W.F. Seimer. 2019. A structured decision making approach to addressing wild turkey population declines. INFORMS Annual Meeting. Seattle, WA, October 20–23.
5. **Robinson, K.F.**, A.K. Fuller, M.L. Jones. 2019. Using structured decision making to incorporate ecological and social values into harvest decisions: case studies of walleye, deer, and turkey. Joint Meeting of the American Fisheries Society and the Wildlife Society. Reno, NV, September 29–October 3.

4. **Robinson, K.F., H. Lin, L. Walter.** 2019. Using decision analysis to incorporate ecological and social science into barrier removal decisions. 62<sup>nd</sup> Annual Conference of the International Association for Great Lakes Research. Brockport, NY, June 10–14.
3. **Robinson, K.F.** 2017. Introduction to structured decision making. Strategic Discussion of National Asian Carp Management and Control. Springfield, IL, January 18–19.
2. **Robinson, K.F.** 2013. Structured decision making in natural resources management. Cornell University, Department of Natural Resources Fall Seminar Series, Ithaca, NY, October 29.
1. **Robinson, K.F., C.A. Jennings.** 2011. A comparison of the fish communities in managed and unmanaged wetlands in coastal South Carolina. Fort Johnson Marine Science Seminar Series, Charleston, SC, August 26.

#### CONTRIBUTED PRESENTATIONS (\*Presenter)

37. Bopp, J.\*, **K.F. Robinson**, J.L. Fischer, L. Nathan, S. Herbst, C.M. Mayer, E. Weimer, J. Dettmers. 2022. Evaluating the Effectiveness of Invasive Grass Carp Response Actions in Lake Erie. Annual Meeting of the American Fisheries Society, Spokane, WA. August 21–25.
36. Flinn, S.\*, **K.F. Robinson**. 2022. The Consequences of Connectivity: A Decision Analytic Approach to Fish Passage Decisions. Annual Meeting of the American Fisheries Society, Spokane, WA. August 21–25.
35. Flinn, S.\*, **K.F. Robinson**. 2022. Using Structured Decision Making to Assess the Consequences of Connectivity: A Case Study in Northwest Michigan. Fish Passage Conference, Richland, WA. June 13–16.
34. Flinn, S.\*, **K.F. Robinson**. 2022. Using individual-based models to predict the response of fish populations to changes in connectivity. Joint Aquatic Sciences Meeting, Grand Rapids, MI. May 15–20.
33. Ivan, L., C. Murphy, J. Bence, T. Firkus, **K.F. Robinson**, S. Sitar. 2022. Understanding the influence of sea lamprey sublethal impacts on different ecomorph lake trout populations in Lake Superior using a population model. Joint Aquatic Sciences Meeting, Grand Rapids, MI. May 15–20.
32. Jones, M.\* , **K.F. Robinson**. 2022. Using management strategy evaluation to build consensus on a harvest strategy for Lake Erie percids. Joint Aquatic Sciences Meeting, Grand Rapids, MI. May 15–20.
31. Lewandoski, S.\*, T. Brenden, N. Johnson, **K.F. Robinson**. 2022. Collaborative modeling to support integrated sea lamprey control. Joint Aquatic Sciences Meeting, Grand Rapids, MI. May 15–20.
30. Buckley, C.M.\*, H. Lin, **K.F. Robinson**. 2021. Evaluating the effectiveness of Great Lakes sea lamprey control barriers in an uncertain climatic future. Annual Meeting of the American Fisheries Society, Baltimore, MD. November 6–10.
29. Ginsberg, H.\* , M.C. Runge, **K.F. Robinson**, J.I. Tsao. 2021. Structured decision making and management of vector-borne pathogens. Annual Meeting of the Entomological Society of America, October 31–November 3.
28. Buszkiewicz, J.\* , S. Herbst, L. Nathan, J. Francis, C. Harris, S. Thomas, E. Weimer, T. Hartman, J. Navarro, J. Boase, R. Young, J. Fischer, J. Dettmers, T. Brenden, **K. Robinson**, C. Mayer, J. Gostiaux, P. Kocovsky. 2020. Adaptive grass carp (*Ctenopharyngodon idella*) response in Lake Erie. Upper Midwest Invasive Species Conference, virtual, November 5.
27. Flinn, S.\*, **K.F. Robinson**. 2020. Using structured decision making to assess the consequences of connectivity. Annual Meeting of the American Fisheries Society, virtual, September 14–25.
26. Buckley, C.\*, H.Y. Lin, **K.F. Robinson**. 2020. Reducing the uncertainty around climate change effects on sea lamprey control. Annual Meeting of the American Fisheries Society, virtual, September 14–25.

25. Nathan, L.\*, M. DuFour, S. Herbst, T. Newcomb, **K.F. Robinson**. 2019. Structured decision making and adaptive management of AIS responses: an application to grass carp in Lake Erie. 21<sup>st</sup> International Conference on Aquatic Invasive Species, Montreal, Canada, October 27–31.
24. Young, R.\* , J. Boase, T. Brenden, J. Buszkiewicz, S. Herbst, P. Kocovsky, C. Mayer, L. Nathan, J. Navarro, **K.F. Robinson**, E. Weimer. 2019. Ongoing efforts to control grass carp in the Detroit River and tributaries to western Lake Erie. Joint Meeting of the American Fisheries Society and the Wildlife Society. Reno, NV, September 29–October 3.
23. Buckley, C.\*, H. Lin, **K.F. Robinson**. 2019. Predicting the effects of climate change and barrier failure on sea lamprey production in the Great Lakes. 3<sup>rd</sup> Sea Lamprey International Symposium, Detroit, MI, July 28–August 2. (Invited poster)
22. Nathan, L.\*, **K.F. Robinson**, J. Boase, T. Brenden, J. Buszkiewicz, M. DuFour, J. Francis, S. Herbst, P.M. Kocovsky, J. Robinson, K. Scribner, S. Thomas, R. Young. 2019. Implementation of grass carp adaptive management response actions in Lake Erie. 62<sup>nd</sup> Annual Conference of the International Association for Great Lakes Research. Brockport, NY, June 10–14.
21. Raupp, J.\*, L. Nathan, **K.F. Robinson**. 2019. Evaluating sampling gear type's ability to predict the impact of Asian carp species within the Great Lakes. University Undergraduate Research and Arts Forum at Michigan State University, East Lansing, MI, April 5. (poster)
20. Nathan, L.\*, **K.F. Robinson**, J. Boase, T. Brenden, J. Buszkiewicz, M. DuFour, J. Francis, S. Herbst, P.M. Kocovsky, J. Robinson, K. Scribner, S. Thomas, R. Young. 2019. Adaptive management of Lake Erie grass carp: reducing uncertainties while implementing response strategies. Michigan Fish and Wildlife Conference, Gaylord, MI, March 14.
19. **Robinson, K.F.\***, S. Herbst, T. Newcomb, M. DuFour, M. Jones. 2018. Grass carp SDM: informing the grass carp response in Michigan and Ohio. Great Lakes Panel on Aquatic Nuisance Species Meeting, Ann Arbor, MI, November 7–8.
18. **Robinson, K.F.\***, S. Herbst, T. Newcomb, M. DuFour, M. Jones. 2018. Using adaptive management to control grass carp in Lake Erie. The Cooperative Institute for Great Lakes Research Annual All Partners Meeting, Ann Arbor, MI, September 21. (poster)
17. Lin, H.\*, **K.F. Robinson**. 2018. How do migratory fish populations respond to habitat enhancement in spawning and nursery grounds? Annual Meeting of the American Fisheries Society, Atlantic City, NJ, August 20–24.
16. **Robinson, K.F.\***, S. Herbst, T. Newcomb, M. DuFour, M. Jones. 2018. A collaborative response to invasive grass carp in Lake Erie through an adaptive management process. Annual Meeting of the American Fisheries Society, Atlantic City, NJ, August 20–24.
15. Volkel, S.\*, **K.F. Robinson**, D. Bunnell, D. Hondorp, B. Weidel, E. Roseman, S. Riley. 2018. Slimy sculpin and round goby spatial overlap in the Great Lakes following round goby invasion. 61<sup>st</sup> Annual Conference of the International Association of Great Lakes Research, Toronto, Canada, June 18–22.
14. DuFour, M., **K.F. Robinson\***, S. Herbst, T. Newcomb, M. Jones. 2018. Using adaptive management to combat Lake Erie grass carp. 61<sup>st</sup> Annual Conference of the International Association of Great Lakes Research, Toronto, Canada, June 18–22.
13. Lin, H.\*, **K.F. Robinson**, A. Milt, L. Walter. 2018. The application of web-based decision support tools and the value of local information in prioritizing barrier removal, a case study in northwest lower Michigan, USA. Society for Freshwater Science, Detroit, MI, May 20–24.
12. **Robinson, K.F.\***, S. Herbst, M. DuFour, T. Newcomb, M. Jones. 2018. Adaptive management as a framework for invasive grass carp actions in Lake Erie. Joint meeting of the AMCS and CAMNet, University of Nebraska, Lincoln, NE, March 19–22.
11. DuFour, M.\*, **K.F. Robinson**, M. Jones, S. Herbst, T. Newcomb. 2018. Collaboratively managing Lake Erie grass carp through a structured decision making process. Midwest Fish and Wildlife Conference, Milwaukee, WI, January 28–30.



10. **Robinson, K.F.\***, C. Barans, M. Arendt. 2017. Predictions of the presence of coastal pelagic fishes off Georgia, USA, from local oceanographic and biological conditions. 70<sup>th</sup> Annual Conference of the Gulf and Caribbean Fisheries Institute, Mérida, Mexico, November 6–10.
9. **DuFour, M.**, S.J. Herbst\*, N.D. Popoff, T. Newcomb, J. Francis, R. Carter, J. Navarro, M. Jones, **K.F. Robinson**, T.O. Brenden, A. Mahon, K. Pangle, J. Tyson. 2017. Multi-jurisdictional collaborations and structured approach for grass carp control in Lake Erie. International Conference on Aquatic Invasive Species. Fort Lauderdale, FL, October 26.
8. Fuller, A.K.\* , **K.F. Robinson**, R.C. Stedman, W.F. Siemer. 2017. Integration of social and ecological sciences for natural resource decision making: challenges and opportunities. Annual Meeting of The Wildlife Society, Albuquerque, NM, September 23–27.
7. **Robinson, K.F.\***, A.K. Fuller, D.R. Diefenbach, M. Casalena, M.V. Schiavone. 2014. A structured decision-making approach to regulated fall turkey harvest in New York and Pennsylvania. 70<sup>th</sup> Annual Northeast Fish and Wildlife Conference (Northeast Association of Fish and Wildlife Agencies), Portland, ME, April 13–15.
6. **Robinson, K.F.\***, W.L. Fisher. 2013. A structured decision-making approach to fish stocking in Owasco Lake, NY. Annual Meeting of the American Fisheries Society, Little Rock, AR, September 9–13.
5. **Robinson, K.F.\***, A.K. Fuller. 2013. A structured decision-making approach to white-tailed deer (*Odocoileus virginianus*) buck harvest management in New York State. 69<sup>th</sup> Annual Northeast Fish and Wildlife Conference (Northeast Association of Fish and Wildlife Agencies), Saratoga Springs, NY, April 7–9.
4. **Robinson, K.F.\***, C.A. Jennings. 2012. Maximizing recruitment of YOY spot (*Leiostomus xanthurus*) from a South Carolina estuary: an evaluation of coastal impoundment management alternatives via structured decision-making. Adaptive Management Conference Series, Cornell University, Ithaca, NY, June 12–14.
3. **Robinson, K.F.\***, C.A. Jennings. 2011. Productivity of functional guilds of fishes in managed wetlands in coastal South Carolina. Annual Meeting of the American Fisheries Society, Seattle, WA, September 4–8.
2. **Robinson, K.F.\***, C.A. Jennings. 2011. A comparison of resident fish communities in managed and unmanaged wetlands in North Carolina and South Carolina, USA. Annual Meeting of the American Fisheries Society, Seattle, WA, September 4–8.
1. **Robinson, K.F.\***, C.A. Jennings. 2011. Productivity of functional guilds of fishes in managed wetlands in coastal South Carolina. Joint Meeting of Society of Wetland Scientists, WETPOL, and Wetland Biogeochemistry Symposium, Prague, Czech Republic, July 3–8.

## SCIENTIFIC AND PUBLIC SERVICE AND EDUCATION

### *Courses Taught*

3. **Spring Semester 2021**. Instructor, Adaptive Management of Natural Resource Systems (FW 854), Michigan State University, East Lansing, MI.
2. **Spring Semester 2019**. Instructor, Adaptive Management of Natural Resource Systems (FW 854), Michigan State University, East Lansing, MI.
1. **Spring Semester 2017**. Co-Instructor, Adaptive Management of Natural Resource Systems (FW 854), Michigan State University, East Lansing, MI.

### *Student and Postdoctoral Research Associate Advising*

#### Current Graduate Students

3. Benjamin Cehelsky, M.S., Determining the effects of climate change on Lake Erie walleye recruitment and subsequent harvest decisions. Department of Fisheries and Wildlife, Michigan State University.

2. Joshua Hoekwater, Ph.D., Evaluating the effects of increased predator and competitor abundances on slimy sculpin populations in the Great Lakes. Department of Fisheries and Wildlife, Michigan State University.
1. Shane Flinn, Ph.D., Evaluating the consequences of restoring connectivity to tributaries to the Great Lakes. Department of Fisheries and Wildlife, Michigan State University.

#### Current Undergraduate Students

1. Lauren Kelly, Assessing contribution of wild Chinook salmon from Lakes Michigan and Huron to the Lake Michigan sport fishery using otolith microchemistry

#### Current Graduate Student Advisory Committees

4. Caroline LaPlante, M.S., School of Natural Resources, University of Nebraska-Lincoln
3. Dani Fegan, Ph.D., Department of Fisheries and Wildlife, Michigan State University
2. Sean Lewandoski, Ph.D., Department of Fisheries and Wildlife, Michigan State University
1. Emily Dean, Ph.D., Department of Fisheries and Wildlife, Michigan State University

#### Current Postdoctoral Research Associates

1. Dr. Justin Bopp, Adaptive management of invasive grass carp in Lake Erie

#### Former Undergraduate Students

2. Carter Graves, Assessing contribution of wild Chinook salmon from Lakes Michigan and Huron to the Lake Michigan sport fishery using otolith microchemistry
1. Jamie Raupp, Effects of habitat on catchability of common carp in Lake Erie

#### Former Graduate Students and Current Affiliations

2. Connor Buckley, M.S., Northeast Fisheries Science Center
1. Shea Volkel, M.S., University of South Florida Ph.D. program

#### Former Postdoctoral Research Associates and Current Affiliations

5. Dr. Jason Fischer, United States Fish and Wildlife Service
4. Dr. Bryan Matthias, United States Fish and Wildlife Service
3. Dr. Hsien-Yung Lin, Carleton University, Ottawa, Canada
2. Dr. Mark DuFour, United States Geological Survey
1. Dr. Lucas Nathan, Michigan Department of Natural Resources

#### Former Graduate Student Advisory Committees

4. Tyler Funnell, M.S., Department of Fisheries and Wildlife, Michigan State University
3. Dr. Alex Wright, Ph.D., Department of Integrative Biology, Michigan State University
2. Dr. Jonathan Cook, Ph.D., Department of Fisheries and Wildlife, Michigan State University
1. Cleyo Harris, M.S., Department of Fisheries and Wildlife, Michigan State University

#### *Decision Analysis Leadership and Training Provided*

19. Facilitator and decision analyst, Structured Decision Making for Supplemental Sea Lamprey Control Tactics on the Traverse River, Michigan, June 2022–present.
18. Instructor, Structured Decision Making for Natural Resources Management. One-day workshop at the Fish Passage Conference. Richland, WA, June 2022.
18. Facilitator and decision analyst, Structured Decision Making for Recreation and Habitat Management Planning for Michigan's Managed Waterfowl Hunt Areas, January 2022–present.
17. Facilitator and decision analyst, Structured Decision Making for Resilience Planning for the Au Sable River, Michigan, April 2021–present.
16. Facilitator and decision analyst, Development of a Basis for Allocation of Fish Production between Management Needs and Double-Crested Cormorant Predation, October 2020–present.
15. Facilitator and decision analyst, Structured Decision Making to Inform Multi-Species Salmonine Management in Lake Michigan, February 2020–present.
14. Facilitator and decision analyst, Structured Decision Making for Nonnative Salmonid Stocking and Walleye Harvest Management in the Ontario Waters of Lake Huron, Ontario Ministry of

- Natural Resources, Forestry / Fisheries Management Zone Councils, First Nations, and Metis Nation of Ontario, November 2019–present.
13. Facilitator and decision analyst, Structured Decision Making for Selective Fish Passage on the Boardman River, Michigan, October 2019–present.
  12. Instructor, Structured Decision Making, One-day workshop at the Joint Meeting of the American Fisheries Society and the Wildlife Society. Reno, NV, September 2019.
  11. Instructor, Adaptive Management, National Conservation Training Center, Shepherdstown, WV, September 16–20, 2019.
  10. Facilitator and decision analyst, Online Tools, Decision Making, and Barrier Removal. A workshop for biologists and managers, Ohio Department of Natural Resources, Westlake, OH, September 2018.
  9. Facilitator and decision analyst, Structured Decision Making for the Management of Elk in Alberta, Canada, Canmore, Alberta, Canada, August 1–2, 2018.
  8. Instructor, Structured Decision Making for Natural Resources Management. An introductory workshop for biologists and managers, Alberta Environment and Parks, Alberta, Canada, July 30–31, 2018.
  7. Facilitator and decision analyst, Structured Decision Making for the Management of Grass Carp in Lake Erie, East Lansing, MI, December 2016–October 2017.
  6. Facilitator and Instructor, Fish Production and Barrier Removals: A Structured Decision Making Workshop for Great Lakes Fisheries Managers, Detroit, MI and Toronto, ON, November 14–17, 2016.
  5. Facilitator and Core Team member, San Pablo Bay National Wildlife Refuge Adaptation Plan, Petaluma, CA, February–December 2016.
  4. Workshop leader, Structured Decision Making and Natural Resources Management. Developed and led a workshop for the leaders of the Freshwater Fisheries and Wildlife sections of the South Carolina Department of Natural Resources, December 9, 2014.
  3. Structured decision-making coach, San Francisco Bay Climate Adaptation Decision Support, developing decision analytic tools to conserve San Francisco Bay estuarine ecosystems, April 2014–March 2015.
  2. Apprentice coach, Balancing Demographic Benefits and Risks of Using Predator Exlosures on U.S. Atlantic Coast Piping Plover Nests, USFWS/USGS Structured Decision Making Workshop, National Conservation Training Center, Shepherdstown, WV, December 9–12, 2013.
  1. Netica expert, decision model workshop for conservation of the endangered Allegheny woodrat, State College, PA, March 11–13, 2013.

#### *Scientific Workshops Conducted*

1. Organized and facilitated workshop on the sculpins of the Great Lakes for the Great Lakes Fishery Commission's Re-establishment of Native Deepwater Fishes theme. Great Lakes Science Center, Ann Arbor, MI. June 5–6, 2017.

#### *Symposia Organized/Co-chaired*

2. Organizer. Case Studies of Decision Analysis in Conservation and Management. INFORMS Annual Meeting, October 2022.
1. Co-organizer (with [C. Buckley](#), [E. Dean](#), [S. Flinn](#), and D. Infante). Balancing the Roles of Anthropogenic and Natural Barriers for Conserving Fish and Fisheries. American Fisheries Society Annual Meeting, September 2020 (virtual meeting).

#### *Departmental Service*

9. Member, Search Committee for QFC Associate Director Faculty Position in Fisheries and Wildlife, October 2021–May 2022.

8. Member, Department Advisory Committee, Department of Fisheries and Wildlife, Fall 2021–Spring 2022.
7. Member, Outreach, Engagement, and Extension Committee, Department of Fisheries and Wildlife, Fall 2020–Spring 2021.
6. Member, review panel, Theodore Roosevelt Conservation and Environmental Leadership Fellowship, 2020, 2021, and 2022.
5. Member, Search Committee for QFC co-director Faculty Position in Fisheries and Wildlife, November 2019–January 2021.
4. Member, Ad-hoc Major Moves Space Committee, Department of Fisheries and Wildlife, 2019.
3. Member, Search Committee for GLATOS Faculty Position in Fisheries and Wildlife, August 2018–February 2019.
2. Faculty Advisor, Annual Fisheries and Wildlife Graduate Student Organization Research Symposium, April 2018–February 2019.
1. Scribe for faculty meetings, Fall 2016–Spring 2017.

*Service to Academic Community*

12. Participant/Reviewer, The Potential for Spawning and Egg Development of Asian Carps in the Thames River, Ontario, Canadian Science Advisory Secretariat, Virtual, October 11–13, 2022.
11. Coordinator, Modeling Task Group, Grass Carp Advisory Committee, Great Lakes Fishery Commission, January 2022–present.
10. Review Panel Member, Revision to the Framework for Adaptive Management of Horseshoe Crab Harvest in the Delaware Bay Inclusive of Red Knot Conservation, Atlantic States Marine Fisheries Commission, November 16–18, 2021.
9. Member, Advisory Board, Fish Passage 2022 Annual Conference, November 2021–June 2022.
8. Guest associate editor, special edition of Decision Analysis on using decision analysis to further environmental sustainability, August 2021–present.
7. Participant/Reviewer, Sampling Effort to Detect Asian Carps During Response Activities in the Great Lakes Basin, Canadian Science Advisory Secretariat, Virtual, January 13–15, 2021.
6. Participant/Reviewer, Binational Ecological Risk Assessment for Black Carp in the Great Lakes Basin, Canadian Science Advisory Secretariat, Milwaukee, Wisconsin, December 4–6, 2018.
5. Guest associate editor, special edition of the Journal of Great Lakes Research on research and management of Chinese aquaculture carps in the Laurentian Great Lakes, November 2018–February 2021.
4. Member, Great Lakes Fishery Commission Board of Technical Experts, Fishery Research Board, December 2017–May 2022.
3. Member, Great Lakes Fishery Commission Sea Lamprey Research Board, December 2016–present.
2. Co-chair of the Cornell University Department of Natural Resources Postdoctoral Researcher Association, Fall 2013–Spring 2014.
1. Chaired the technical session “Wetlands Management I” at the Joint Meeting of Society of Wetland Scientists, WETPOL, and Wetland Biogeochemistry Symposium, Prague, Czech Republic, July 2011.

*Service to Broader Community*

4. Fisheries Management Panelist, Moving target: Managing a dynamic (and challenged) resource, Workshop for the Institute for Journalism & Natural Resources (virtual), June 3, 2021.
3. Guest Scientist (video chat), Tuscaloosa County High School (Alabama) Class, “What it’s like to be a Fisheries Biologist,” February 26, 2019.
2. Guest Scientist (video chat), Tuscaloosa County High School (Alabama) Class, “What it’s like to be a Fisheries Biologist,” March 1, 2018.

1. Science Panelist, Great Lakes Science in Action Symposium, Central Michigan University, October 20, 2017.

#### *Rendering Scientific Judgment*

I have provided peer reviews for the following journals:

16. Biological Conservation
15. Biological Invasions
14. Cahiers de Biologie Marine
13. Conservation Science and Practice
12. Ecological Indicators
11. Environmental Modelling and Software
10. Integrated Environmental Assessment and Management
9. Journal of Fish Biology
8. Journal of Great Lakes Research
7. Journal of Wildlife Management
6. Land Use Policy
5. North American Journal of Fisheries Management
4. Proceedings of the Southeastern Association of Fish and Wildlife Agencies
3. Wetlands Ecology and Management
2. Wildlife Monographs
1. Wildlife Society Bulletin

I have provided peer reviews for the following books:

2. Harvest of fish and wildlife: new paradigms for sustainable management, K.L. Pope, L.A. Powell, editors
1. Structured decision making: Case studies in decision analysis for natural resource management, D.R. Smith, M.C. Runge, S.J. Converse, J.E. Lyons, editors

I have provided peer reviews for the following granting organizations:

2. Great Lakes Fishery Commission
1. Wisconsin Sea Grant

I have served as a United States Geological Survey Fundamental Science Practices reviewer

#### *Service Presentations and Writing*

4. Reversing Wild Turkey Population Declines. 2014. Article for the Wildlife Management Institute Magazine.
3. The Ecology of Fishes in Impoundments in Coastal South Carolina. October 2007. Poster and presentation at Friends of Nemours fundraiser
2. The Elusive Barrellfish: An Enigma Wrapped in a Mystery. Written for Estuary to the Abyss cruise of NOAA Ocean Exploration project, August 2004.
1. Expanding Fisheries and Fishery Potential on the Blake Plateau. Written for Estuary to the Abyss cruise of NOAA Ocean Exploration project, August 2004.  
<http://oceanexplorer.noaa.gov/explorations/04etta/background/fisheries/fisheries.html>

#### *Professional Society Membership and Offices Held*

4. Sigma Xi Scientific Research Society, associate member
3. American Fisheries Society, member
2. International Association of Great Lakes Research, member
1. University of Georgia Student Subunit of the American Fisheries Society, member, Secretary May 2008–December 2009

#### **TECHNICAL TRAINING RECEIVED**

16. Defensive Driving Certification, US Geological Survey, September 2022

15. ASPIRE Asynchronous Program for Instructional Readiness, online teaching preparation, Michigan State University, November 17, 2020.
14. Mental Health First Aid Adult Certification, Michigan State University, November 22, 2019
13. First Day of Class: Success on Day 1, Success Throughout, workshop participant, MSU STEM Teaching Essentials Workshop, August 21, 2019.
12. Introduction to Bayesian Modeling with Stan, CSTAT, MSU, June 7, 2018.
11. Adaptive Management, workshop participant, National Conservation Training Center, Shepherdstown, WV, September 11–15, 2017.
10. So You Have all of this Assessment Data, Now What?, workshop participant, MSU College of Agriculture and Natural Resources Teaching Workshop, April 20, 2017.
9. Collaboration and Conflict Transformation, workshop participant, National Conservation Training Center, Shepherdstown, WV, November 28–December 2, 2016.
8. Decision Analysis: Tools, workshop participant, National Conservation Training Center, Shepherdstown, WV, March 3–8, 2013.
7. Decision Analysis: Expert Elicitation and Facilitation, workshop participant, National Conservation Training Center, Shepherdstown, WV, December 3–7, 2012.
6. Likelihood and Bayesian Approaches to Data Analysis for Ecologists, workshop participant, State University of New York College of Environmental Science and Forestry, Syracuse, NY, May 29–June 2, 2012.
5. Advanced Structured Decision Making practicum, participant, National Conservation Training Center, Shepherdstown, WV, (remote-access), March 12–16, 2012.
4. USFWS/USGS Structured Decision Making Workshop, observer, National Conservation Training Center, Shepherdstown, WV, February 6–10, 2012.
3. Emerging Leaders Program, Graduate School of the University of Georgia, October 2010
2. Motorboat Operator Certification Course, US Department of the Interior, Lake Russell, GA, August 2009.
1. Defensive Driving Certification, US Geological Survey, November 2013.

#### **MY RESEARCH IN THE MEDIA**

8. Featured scientist, Teach Me About the Great Lakes Podcast, episode 43: We weren't shooting up from the bottom. October 2021.
7. Featured scientist, The Fisheries Podcast, episode 132: Great Lakes structured decision making. August 2021.
6. Tekip, A. 2021. Protecting the Au Sable River. Futures Magazine, Michigan State University, AgBioResearch.
5. Whitmore, J. 2021. MSU Scientist's Work to Eradicate Invasive Grass Carp Earns National Recognition. Futures Magazine, Michigan State University, AgBioResearch.
4. Kobilinsky, D. 2018. Are Turkeys in Trouble? Managers Search for Answers. Wildlife Professional. 12(6): 18–26.
3. Travis, J. 2018. Fishy Comings and Goings in Area Waters. Traverse City Record Eagle. September 16.
2. Dau, J. 2017. Aquatic Invaders: Defending the Great Lakes from Invasive Species. Futures Magazine, Michigan State University, AgBioResearch.
1. Baggaley, K. 2017. Wild turkeys are in trouble. Popular Science. <https://www.popsci.com/wild-turkey-decline?dom=rss-default&src=syn>