

Dr. Jordan K. Matley

B.Sc. (Hons), M.Sc., Ph.D.

Postdoctoral Fellow

Great Lakes Institute of Environmental Research

University of Windsor, ON, Canada

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Email: jordanmatley@gmail.com

Citizenship: Canadian

DOB: 1985-08-24

Written and Spoken Languages: English, French

[Personal Website](#), [Google Scholar](#), [ResearchGate](#), [Twitter](#)

CV HIGHLIGHTS

- Over 20 peer-reviewed publications, most of which as first author, included in top journals such as *Scientific Reports*, *Marine Ecological Progress Series*, *Marine Biology*, *Marine and Freshwater Research*, *Animal Biotelemetry*, and *Journal of Fish Biology*.
- Approximately ~\$340,000 in scholarships and awards, including NSERC PGS D award in 2015 and NSERC PDF fellowship in 2019.
- Extensive experience mentoring and training graduate and undergraduate students, delivering lectures, teaching in the laboratory and training in field environments.
- Leader of impactful, collaborative research projects that include partners from government, industry, academia, First Nations, and other stakeholders.
- Diverse research interests and skills developed across a range of field and lab environments in Canada, U.S.A., Caribbean, and Australia (freshwater and marine).
- Analytical proficiency including the use of R to analyze large datasets with advanced techniques.

EDUCATION

James Cook University, Townsville, Australia 2013-2017

Ph.D., College of Marine and Environmental Sciences

University of Manitoba, Winnipeg, Canada 2010-2012

M.Sc., Biological Sciences

University of Guelph, Guelph, Canada 2003-2007

B.Sc., Marine and Freshwater Biology (Honours)

EMPLOYMENT

Postdoctoral Fellow: University of Windsor, 2018-present

Research Advisor: Dr. Aaron Fisk

Marine Animal Tracking Consultant: University of the Virgin Islands, 2018-2019

Research Advisors: Dr. Richard Nemeth, Dr. Paul Jobsis

Postdoctoral Research Associate: University of the Virgin Islands, 2017-2018

Research Advisors: Dr. Richard Nemeth, Dr. Paul Jobsis

RESEARCH POSITIONS and EXPERIENCE

Postdoctoral Fellow: University of Windsor, 2018-present

Research Advisor: Dr. Aaron Fisk

Influence of environmental variation and anthropogenic stressors on fish movements

Postdoctoral Research Associate: University of the Virgin Islands, 2017-2018

Research Advisors: Dr. Richard Nemeth, Dr. Paul Jobsis

The movement patterns and behavioural interactions among multi-trophic level fishes

Ph.D. Research: James Cook University, 2013-present

Research Advisors: Dr. Michelle Heupel, Dr. Colin Simpfendorfer and Dr. Andrew Tobin

*The movement and foraging ecology of coral trout (*Plectropomus spp.*) in the Great Barrier Reef*

M.Sc. Research: University of Manitoba, 2010-2012

Research Advisors: Dr. Terry Dick and Dr. Aaron Fisk

*The ecology of Arctic cod (*Boreogadus saida*) and top predators in the Canadian Arctic*

Research Internship: Mote Marine Laboratory, Florida, U.S., 2007

Research Advisor: Dr. Damon Gannon

The effects of red-tide on fish and dolphin populations and habitat selection in Sarasota Bay

Undergraduate Thesis Project: University of Guelph, 2006-2007

Research Advisor: Dr. Jim Ballantyne

*Metabolic responses of goldfish (*Carassius auratus*) to moderate hypoxia*

CONTRIBUTIONS TO RESEARCH

Journal Publications

- 24) Martins, A.P.B., **Matley, J.K.**, Heupel, M.R., Fisk, A.T., Chin, A, Simpfendorfer, C.A. (*In review*) Trophic ecology of sympatric juvenile elasmobranchs within a nursery area. Marine Ecology Progress Series
- 23) Duffing Romero, M.D., **Matley, J.K.**, Ault, J.S., Luo, J., Pittman, S., Nemeth, R.S. (*In review*) Movement patterns of juvenile Atlantic tarpon (*Megalops atlanticus*) in Brewers Bay, St. Thomas, US Virgin Islands. Fisheries Bulletin.
- 22) **Matley, J.K.**, Faust, M.D., Raby, G.D., Zhao, Y., Robinson, J., Macdougall, T., Hayden, T.A., Fisk A.T., Vandergoot, C.S., Krueger, C.C. (*In review*) Habitat use conflicts with harvest quota allocation strategies for an apex predator in a large freshwater system. Journal of Great Lakes Research.
- 21) Weinz, A.A., **Matley, J.K.**, Klinard, N.V., Fisk, A.T., and Colborne, S.C. (*In review*) Identification of predation events in the wild using acoustic transmitters. Animal Biotelemetry.
- 20) Klinard, N.V., **Matley, J.K.**, Halfyard, E.A., Connerton, M., Johnson, T.B., and Fisk, A.T. (2020) Post-stocking movement and survival of hatchery-reared bloater (*Coregonus hoyi*) reintroduced to Lake Ontario. Freshwater Biology. DOI: 10.1111/fwb.13491
- 19) Klinard, N.V., **Matley, J.K.**, Fisk, A.T., and Johnson, T.B. (2019) Long-term retention of acoustic telemetry transmitters in temperate predators revealed by predation tags implanted in wild prey fish. Journal of Fish Biology. 95: 1512-1516 DOI: 10.1111/jfb.14156
- 18) **Matley, J.K.**, Eanes, S., Nemeth, R.S., Jobsis, P.D. (2019) Vulnerability of sea turtles and fishes in response to two catastrophic Caribbean hurricanes, Irma and Maria. Scientific Reports. 9: 1-15 DOI: 10.1038/s41598-019-50523-3
- 17) Klinard, N.V., Halfyard, E.A., **Matley, J.K.**, Fisk, A.T., and Johnson, T.B. (2019) The influence of dynamic environmental interactions on detection efficiency of acoustic transmitters in a large, deep, freshwater lake. Animal Biotelemetry. 7(17) DOI: 10.1186/s40317-019-0179-1
- 16) Espinoza, M., **Matley, J.K.**, Heupel, M.R., Tobin, A.J., Fisk, A.T., Simpfendorfer, C.S. (2019) Multi-tissue stable isotope analysis reveals resource partitioning and trophic relationships of large reef-associated predators. Marine Ecology Progress Series. 615: 159-176 DOI: 10.3354/meps12915

- 15) Scott, M., Heupel, M.R., Simpfendorfer, C.S., **Matley, J.K.**, Pratchett, M. (2019) Latitudinal and seasonal variation in home range by a large, predatory reef fish, *Plectropomus leopardus*. *Functional Ecology*. 33: 670-680 DOI: 10.1111/1365-2435.13271
- 14) Eurich, J.G., **Matley, J.K.**, Baker, R., McCormick, M.I., Jones, G.P. (2019) Stable isotope analysis reveals trophic diversity and partitioning in territorial damselfishes on a low latitude coral reef. *Marine Biology*. 166:17 DOI: 10.1007/s00227-018-3463-3
- 13) **Matley, J.K.**, Maes, G.E., Devloo-Delva, F., Huerlimann, R., Chua, G., Tobin, A.J., Fisk, A.T., Simpfendorfer, C.A., Heupel, M.R. (2018) Integrating complementary methods to improve diet analysis in fishery-targeted species. *Ecology and Evolution*. 1-37 DOI: 10.1002/ece3.4456
- 12) Graba-Landry, A., Hoey, A.S., **Matley, J.K.**, Sheppard-Brennand, H., Poore, A.G.B., Byrne, M., Dworjanyn, S.A. (2018) Ocean warming has greater and more consistent negative effects than ocean acidification on the growth and health of subtropical macroalgae. *Marine Ecology Progress Series*. 595: 55-69 DOI: 10.3354/meps12552
- 11) Devloo-Delva, F., Huerlimann, R., Chua, G., **Matley, J.K.**, Heupel, M.R., Simpfendorfer, C.A., Maes, G.E. (2018) How does marker choice affect your diet analysis? Comparing genetic markers and digestion levels for diet metabarcoding of tropical reef piscivores. *Marine and Freshwater Research*. 70: 8-18 DOI: 10.1071/MF17209
- 10) **Matley, J.K.**, Tobin, A.J., Simpfendorfer, C.A., Fisk, A.T., Heupel, M.R. (2017) Trophic niche and spatio-temporal changes in the feeding ecology of two sympatric species of coral trout (*Plectropomus leopardus* and *P. laevis*). *Marine Ecology Progress Series*. 563: 197-210 DOI: 10.3354/meps11971
- 9) **Matley, J.K.**, Tobin, A.J., Lédée, E.J.I., Heupel, M.R., Simpfendorfer, C.A. (2016) Contrasting patterns of vertical and horizontal space use of two sympatric coral reef fish. *Marine Biology*. 163: 253 DOI: 10.1007/s00227-016-3023-7
- 8) **Matley, J.K.**, Heupel, M.R., Fisk, A.T., Simpfendorfer, C.A., Tobin, A.J. (2016) Niche overlap between co-occurring *Plectropomus* spp. using acoustic telemetry and stable isotopes. *Marine and Freshwater Research*. 68: 1468-1478 DOI: 10.1071/MF16120
- 7) **Matley, J.K.**, Fisk, A.T., Tobin, A.J., Heupel, M.R., Simpfendorfer, C.A. (2016) Diet-tissue discrimination factors and turnover of carbon and nitrogen stable isotopes in tissues of an adult predatory coral reef fish, *Plectropomus leopardus*. *Rapid Communications in Mass Spectrometry* 30: 29-44 DOI: 10.1002/rcm.7406

- 6) **Matley, J.K.**, Fisk, A.T., Dick, T.A. (2015) Foraging ecology of ringed seals (*Pusa hispida*), beluga whales (*Delphinapterus leucas*), and narwhals (*Monodon monoceros*) in the Canadian high Arctic determined by stomach content and stable isotope analysis. *Polar Research* 35, 24295, DOI: 10.3402/polar.v34.24295
- 5) **Matley, J.K.**, Heupel, M.R., Simpfendorfer, C.A. (2015) Depth and space use of leopard coral grouper (*Plectropomus leopardus*) using passive acoustic tracking. *Marine Ecology Progress Series* 521: 201-216 DOI: 10.3354/meps11122
- 4) **Matley, J.K.**, Fisk, A.T., Dick, T.A. (2013) The foraging ecology of Arctic cod (*Boreogadus saida*) during open water (July-August) in Allen Bay, Arctic Canada. *Marine Biology* 160: 2993-3004 DOI: 10.1007/s00227-013-2289-2
- 3) **Matley, J.K.**, Crawford, R., Dick, T.A. (2012) Observation of common raven (*Corvus corax*) scavenging Arctic cod (*Boreogadus saida*) from seabirds in the Canadian High Arctic. *Polar Biology* 35: 1119-1122 DOI: 10.1007/s00300-011-1148-1
- 2) **Matley, J.K.**, Fisk, A.T., Dick, T.A. (2012) Seabird predation on Arctic cod during summer in the Canadian Arctic. *Marine Ecology Progress Series* 450: 219-228 DOI: 10.3354/meps09561
- 1) **Matley, J.K.**, Crawford, R., Dick, T.A. (2012) Summer foraging behaviour of shallow-diving seabirds and distribution of their prey, Arctic cod (*Boreogadus saida*), in the Canadian Arctic. *Polar Research* 31, 15894. DOI: 10.3402/polar.v31i0.15894

Book Chapters

- 2) Heupel, M.R., Kessel, S., **Matley, J.K.**, Simpfendorfer, C.A. (2018) Chapter 9: Acoustic Telemetry. In Carrier, Heithaus, Simpfendorfer. *Shark Research: Emerging Technologies and Applications for the Field and Laboratory*. CRC Press, Florida, 392 pp.
- 1) Fortier, L., Reist, J.D., Ferguson, S.H., Archambault, P., **Matley, J.**, and Macdonald, R.W. (2015) Arctic Change: Impacts on marine ecosystems and contaminants. In: Stern, G.A. and Gaden, A. *From science to policy in the western and central Canadian Arctic: an integrated regional impact study (IRIS) of climate change and modernization*. ArcticNet, Quebec City, 432 pp.

Dissertations

- 3) **Matley, J.K.** (2017) Investigation of coral trout (*Plectropomus* spp.) movement patterns and resource use: a multidisciplinary approach using acoustic telemetry and dietary indicators. Ph.D. Thesis. Townsville: James Cook University.

- 2) **Matley, J.K.** (2012) The ecology of Arctic cod (*Boreogadus saida*) and interactions with seabirds, seals, and whales in the Canadian Arctic. M.Sc. Thesis. Winnipeg: University of Manitoba.
- 1) **Matley, J.K.** (2007) Metabolic responses of goldfish (*Carassius auratus*) to moderate hypoxia. Honours Thesis. Guelph: University of Guelph.

Conference Abstracts (first author/presenter only included)

- 23) **Matley, J.K.**, Verhamm, E., Cutrell, E., Faust, M.D., Vandergoot, C.S., Krueger, C.C., Fisk A.T. (2020) Tracking walleye at proposed wind turbine site in Lake Erie. Great Lakes Acoustic Telemetry Observation System (GLATOS) Annual Symposium, Ann Arbor, Michigan, U.S.A. (Oral presentation)
- 22) **Matley, J.K.**, Faust, M.D., Vandergoot, C.S., Raby, G.D., Zhao, Y., Robinson, J., Macdougall, T., Krueger, C.C., Fisk A.T. (2019) Tracking large-scale walleye migrations in Lake Erie. International Conference for Fish Telemetry (ICFT), Arendal, Norway. (Oral presentation)
- 21) **Matley, J.K.**, Eanes, S., Nemeth, R.S., Jobsis, P.D. (2019) Vulnerability of sea turtles and fishes in response to two catastrophic Caribbean hurricanes, Irma and Maria. International Conference for Fish Telemetry (ICFT), Arendal, Norway. (Poster presentation)
- 20) **Matley, J.K.**, Faust, M.D., Vandergoot, C.S., Raby, G.D., Zhao, Y., Robinson, J., Macdougall, T., Krueger, C.C., Fisk A.T. (2019) Habitat selection of Lake Erie walleye using acoustic telemetry. Great Lakes Acoustic Telemetry Observation System (GLATOS) Annual Symposium, Ann Arbor, Michigan, U.S.A. (Oral presentation)
- 19) **Matley, J.K.**, Faust, M.D., Vandergoot, C.S., Raby, G.D., Zhao, Y., Robinson, J., Macdougall, T., Krueger, C.C., Fisk A.T. (2019) Bottom-depth preference of Lake Erie walleye: informing fishery management across Lake Erie. International Association for Great Lakes Research (IAGLR) Conference, Brockport, New York, U.S.A. (Oral presentation)
- 18) **Matley, J.K.**, Maes, G.E., Devloo-Delva, F., Huerlimann, R., Chua, G., Tobin, A.J., Fisk, A.T., Simpfendorfer, C.A., Heupel, M.R. (2017) Comparative visual, molecular and stable isotope diet analysis in fishery-targeted groupers. Indo-Pacific Fish Conference, Tahiti, French Polynesia (Oral presentation)
- 17) **Matley, J.K.**, Jobsis, P.D., Jossart, J., Nemeth, R.S. (2017) Movement behaviour of fishes from multiple trophic groups in response to environmental variation in a small tropical bay. International Conference for Fish Telemetry, Cairns, Queensland, Australia (Oral presentation)

- 16) **Matley, J.K.**, Simpfendorfer, C.A., Fisk, A.T., Tobin, A.J., Devloo-Delva, F., Maes, G., Heupel, M.R. (2016) Trophic ecology of coral trout: Is one sampling approach enough? Australian Society for Fish Biology and Oceania Chondrichthyan Society Conference, Hobart, Tasmania, Australia (Oral presentation)
- 15) **Matley, J.K.**, Simpfendorfer, C.A., Fisk, A.T., Tobin, A.J., Heupel, M.R. (2016) Using complimentary sampling methods to address similar questions: resource and habitat use of sympatric coral trout. International Coral Reef Symposium, Honolulu, Hawaii, U.S.A. (Oral presentation)
- 14) **Matley, J.K.**, Simpfendorfer, C.A., Tobin, A.J., Fisk, A.T., Heupel, M.R. (2015) Niche partitioning of sympatric coral trout indicated by movement and dietary patterns. Australian Society for Fish Biology Congress, Sydney, NSW, Australia (Oral presentation)
- 13) **Matley, J.K.**, Simpfendorfer, C.A., Tobin, A.J., Heupel, M.R. (2015) Niche partitioning of sympatric reef fish using passive acoustic telemetry. International Conference for Fish Telemetry, Halifax, NS, Canada (Oral presentation)
- 12) **Matley, J.K.**, Simpfendorfer, C.A., Tobin, A.J., Fisk, A.T., Heupel, M.R. (2015) Niche partitioning of sympatric coral trout indicated by movement and dietary patterns. AIMS@JCU Student Seminar Day, Townsville, QLD, Australia (Oral presentation)
- 11) **Matley, J.K.**, Simpfendorfer, C.A., Tobin, A.J., Fisk, A.T., Heupel, M.R. (2015) Niche partitioning of sympatric coral trout determined by stable isotopes and acoustic telemetry. College of Marine and Environmental Sciences Conference, James Cook University, Townsville, QLD, Australia (Oral presentation – 3rd place)
- 10) **Matley, J.K.**, Simpfendorfer, C.A., Heupel, M.R. (2014) Seasonal depth and space use patterns of coral trout (*Plectropomus leopardus*) using passive acoustic tracking. AIMS@JCU Student Seminar Day, Townsville, QLD, Australia (Oral presentation)
- 9) **Matley, J.K.**, Simpfendorfer, C.A., Heupel, M.R. (2014) Depth and space use of coral trout (*Plectropomus leopardus*) using passive acoustic tracking. Australian Society for Fish Biology Congress, Darwin, NT, Australia (Oral presentation)
- 8) **Matley, J.K.**, Simpfendorfer, C.A., Heupel, M.R. (2013) Reproductive behaviour of coral trout (*Plectropomus leopardus*): insight into adaptations of spawning. School of Earth and Environmental Sciences Annual Symposium, Townsville, QLD, Australia (Oral presentation)
- 7) **Matley, J.K.**, Fisk, A.T., and Dick, T.A. (2012) Investigating the foraging ecology of Arctic cod using dietary and isotopic niche overlap. Ocean Tracking Network Annual Symposium, Halifax, NS, Canada (Oral presentation)

- 6) **Matley, J.K.**, Fisk, A.T., and Dick, T.A. (2011) Foraging behaviour and trophic ecology of marine mammals in the Canadian Arctic. Society for Marine Mammalogy Biennial Conference, Tampa, FL, USA (Oral presentation)
- 5) **Matley, J.K.**, Crawford, R., Fisk, A.T., and Dick, T.A. (2011) Seabird predation on Arctic cod (*Boreogadus saida*) and their interactions during the summer in the Canadian Arctic. Ocean Tracking Network Annual Symposium, Halifax, NS, Canada (Oral presentation)
- 4) **Matley, J.K.**, Crawford, R., and Dick, T.A. (2011) The application of hydroacoustics to study the distribution of Arctic cod and seabirds in shallow Arctic bay. Ocean Tracking Network Annual Symposium, Halifax, NS, Canada (Poster presentation)
- 3) **Matley, J.K.**, Fisk, A.T., and Dick, T.A. (2011) Trophic feeding of marine mammals in Allen Bay, Nunavut. Ocean Tracking Network Annual Symposium, Halifax, NS, Canada (Poster presentation)
- 2) **Matley, J.K.**, Crawford, R., Fisk, A.T., and Dick, T.A. (2011) Arctic cod (*Boreogadus saida*) predation by seabirds and their interactions during summer in the Canadian Arctic. Prairie University Biology Symposium (PUBS), Saskatoon, SK, Canada (Oral presentation)
- 1) **Matley, J.K.**, Crawford, R., Fisk, A.T., and Dick, T.A. (2010) The interactions of marine seabirds feeding on Arctic cod (*Boreogadus saida*). ArcticNet Annual Conference, Ottawa, ON, Canada (Oral presentation)

AWARDS

- NSERC Postdoctoral Fellowship, 2020-2021 (\$90,000 CAD)
- Banting Postdoctoral Fellowship candidate, 2019: University of Windsor (rank: 1), NSERC (rank: 29/271)
- JCU On-time Completion Publication Scholarship, 2016-2017 (\$13,144 AUD)
- Australian Society for Fish Biology Student International Travel Scholarship, Sep 2016 (\$3,000 AUD)
- AIMS@JCU Travel Award, Mar 2016 (\$1,000 AUD)
- Australian Coral Reef Society / ARC Centre of Excellence for Coral Reef Studies travel award, Mar 2016 (\$500 AUD)
- The Fisheries Society of the British Isles (FBSI) Travel Grant, Jan 2016 (£1,000 UK)
- NSERC PGS D Scholarship, 2015-2017 (\$42,000 CAD)
- CMES JCU Research Funding, Jun 2015 (\$1,500 AUD)
- AIMS@JCU Travel Award, Apr 2015 (\$1,500 AUD)
- AIMS@JCU Pilot Research Funding, Oct 2014 (\$1,000 AUD)

- SEES JCU Postgraduate Funding, Jun 2014 (\$1,500 AUD)
- AIMS@JCU Pilot Research Funding, Apr 2014 (\$1,000 AUD)
- SEES JCU Travel Funding, Mar 2014 (\$500 AUD)
- Australian Society for Fish Biology Congress Travel Award, Mar 2014 (\$400 AUD)
- SEES JCU Postgraduate Funding, Feb 2014 (\$1,500 AUD)
- Australian Coral Reef Society (ACRS) Award, Jan 2014 (\$2,000 AUD)
- SEES JCU Postgraduate Funding, Oct 2013 (\$2,500 AUD)
- Research Tuition Scholarship, James Cook University, 2013-2015 (\$85,500 AUD)
- Postgraduate Research Scholarship, James Cook University, 2013-2015 (\$73,959 AUD)
- ATSE Wonder of Science Student Ambassador Award, Apr-Dec 2013 (\$1,200 AUD)
- Faculty of Science Scholarship, University of Manitoba, Jan-Dec 2012 (\$10,000 CAD)
- SMM Travel Grant, Society for Marine Mammalogy, Nov-Dec 2011 (\$500 USD)
- Faculty of Graduate Studies Travel Award, University of Manitoba, Dec 2011 (\$500 CAD)
- Faculty of Science Conference Grant, University of Manitoba, Nov-Dec 2011 (\$500 CAD)
- Biological Sciences Conference Grant, University of Manitoba, Nov-Dec 2011 (\$500 CAD)
- GSA Travel Grant, University of Manitoba, Feb 2011 (\$500 CAD)
- CIS Academic All-Canadian: University of Guelph, 2006-2007
- Dean's Honor List, University of Guelph, 2005-2007

COURSE DEVELOPMENT and TEACHING

Workshop Developer/Presenter (MSc and PhD students), University of Windsor, Nov 2019

“Analyzing acoustic telemetry data; Introduction to stable isotope analysis; Common and novel statistical approaches in ecology”

Co-instructor: ESCI 4500, University of Windsor, Sep-Dec 2019

“Ecosystem Health”

Workshop Developer/Presenter (MSc and PhD students), University of Windsor, Jan 2019

“New R package to track animal movements: VTrack”

Guest Lecturer: Intro to Environmental Science (Undergraduate class), University of Windsor, Oct 2018

“Tracking movements of fishes: from the Great Barrier Reef to the Great Lakes”

Guest Lecturer: Graduate Seminar Course (Graduate class), University of Windsor, Oct 2018

“Applications of acoustic telemetry in ecology and resource management”

Workshop Developer/Presenter (MSc and PhD students), University of Windsor, Apr 2018

“Preliminary Guide to Acoustic Telemetry in R”

Guest Lecturer: Applications in Ecology (MSc class), University of the Virgin Islands, Feb 2018
“Introduction and workshop to acoustic telemetry”

Guest Lecturer: First Friday Science Talk, University of the Virgin Islands, Feb 2018
“Anything you can do we can do better: combining sampling methods to understand behaviour of fishes”

Workshop Developer/Presenter (MSc students): University of the Virgin Islands, Jun 2017
“Preliminary Guide to Acoustic Telemetry in R”

Teaching Assistant: Chordate Biology (BSc), University of Manitoba, 2011-2012

MENTORING ACTIVITIES

- MSc Committee Member (student: Tatiana Araya): University of Costa Rica, 2019-present
- Postdoctoral Fellow (5 graduate students): University of Windsor, 2018-present
- Postdoctoral Research Associate (6 graduate students): University of the Virgin Islands, 2017-present
- MSc Committee Member (student: Lora Johansen): University of the Virgin Islands, 2017-2018

ONGOING COLLABORATIONS

- Cooperative Institute for Great Lakes Research (CIGLR), USA: Dr. Tom Johengen, Dr. Russ Miller; Mar 2018-Present
- NOAA/Great Lakes Environmental Research Laboratory (GLERL), USA: Dr. Steve Ruberg, Dr. Craig Stow; Mar 2018-Present
- Ontario Ministry of Natural Resources and Forestry (OMNRF), Canada: Dr. Yingming Zhao, Tim Johnson; Mar 2018-Present
- Michigan State University, USA: Dr. Chuck Krueger, Dr. Chris Vandergoot; Mar 2018-Present
- Ohio Department of Natural Resources (ODNR), USA: Matthew Faust; Mar 2018-Present
- LimnoTech, USA: Ed Verhamme, Jennifer Daley, Greg Cutrell; Mar 2018-Present
- University of the Virgin Islands, USA: Dr. Richard Nemeth, Dr. Paul Jobsis; Apr 2017-Present
- University of Costa Rica, Cost Rica: Prof. Mario Espinoza; Feb 2017-Present
- University of California – Santa Barbara, USA: Dr. Jacob Eurich; Jan 2016-Present
- James Cook University, Australia: Prof. Colin Simpfendorfer, Dr. Andrew Tobin, Dr. Ronald Baker, and Prof. Geoffrey Jones; Feb 2013-Present
- Integrated Marine Observing System (IMOS), Australia: Dr. Michelle Heupel; Feb 2013-Present

COMMITTEES AND LEADERSHIP

- Employee Representative: GIS Technician Hiring Committee, University of the Virgin Islands, 2018
- Executive Australian Student Representative: Australian Society for Fish Biology, 2014-2016
- Young Science Ambassador: Australian Academy of Technological Sciences and Engineering (ATSE), 2013
- President: Biological Sciences Graduate Student Association, University of Manitoba, 2011-2012
- Student Representative: Ocean Tracking Network Canada, 2011-2012
- Graduate Student Representative: Headship Search Committee, University of Manitoba, 2012

JOURNAL REVIEWER ACTIVITIES

Ranked 90th percentile by Publons[®]

- Marine Ecology Progress Series, no. of reviews: 3, last review: Oct 2019
- Animal Biotelemetry, no. of reviews: 1, last review: Jul 2019
- Journal of Fish Biology, no. of reviews: 2, last review: Jun 2019
- Hydrobiologia, no. of reviews: 2, last review: Jun 2019
- Environmental Biology of Fishes, no. of reviews: 2, last review: Jun 2019
- Methods in Ecology and Evolution, no. of reviews: 2, last review: Mar 2019
- Plos One, no. of reviews: 2, last review: Sep 2018
- Fisheries Research, no. of reviews: 2, last review: Jul 2018
- Rapid Communications in Mass Spectrometry, no. of reviews: 2, last review: Jun 2017
- Marine and Freshwater Research, no. of reviews: 1, last review: Apr 2016
- Marine Environmental Research, no. of reviews: 1, last review: Jan 2016
- Polar Biology, no. of reviews: 1, last review: Jan 2015

MEMBERSHIPS

- Member, Great Lakes Acoustic Telemetry Observation System (GLATOS), Apr 2018 - present
- Member, International Association for Great Lakes Research (IAGLR), Apr 2019 - present
- Student Member, Australian Society for Fish Biology (ASFB), May 2013-May 2018
- Student Member, The Fisheries Society of the British Isles (FSBI), May 2015-Apr 2018
- Student Member, Australian Coral Reef Society, Jan 2016-Aug 2017
- Student Member, Integrated Marine Observing System (IMOS), Feb 2013-Feb 2017
- Student Member, AIMS@JCU, Feb 2013-Feb 2017

ADDITIONAL EXPERIENCE/QUALIFICATIONS

- PADI Rescue Diver
- TDI Nitrox Diver
- First aid/CPR/Emergency oxygen provider
- Small Non-pleasure Domestic Vessel Basic Safety (SDV-BS) Certificate
- Experienced boat driver (small vessels)
- R statistical program
- ArcGIS
- Vemco acoustic telemetry equipment
- Gut contents and stable isotope sample processing/analysis
- Various field and lab sampling