

Nathan Thomas Hermann

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University of New Hampshire, Durham, NH

Education:	MS University of New Hampshire Durham, NH <i>Program:</i> Integrative and Organismal Biology MS <i>Advisor:</i> Nathan Furey GPA: 3.81/4.0	2021 2019
	BS University of Notre Dame Notre Dame, IN <i>Major:</i> Biological Sciences (conc. Ecology and the Environment) <i>Second Major:</i> Sociology GPA: 3.88/4.0	
Research Experience:	Fish and Movement Ecology Lab University of New Hampshire <ul style="list-style-type: none"><i>Thesis Title:</i> Seasonal Movement and Feeding Adaptations by Sculpin in a Changing Arctic Environment Stream and Wetland Ecology Lab University of Notre Dame <ul style="list-style-type: none"><i>Thesis Title:</i> Influence of the Pacific Salmon Spawning Subsidy on the Feeding Ecology and Growth of Great Lakes Stream-Resident Trout University of Notre Dame Environmental Research Center Land O' Lakes, WI <ul style="list-style-type: none"><i>Project Title:</i> Sunfish foraging behavior study in response to lake turbidity	2019-present 2016-2019 Summer 2017
Publications:	Hermann, N.T. , D.T. Chaloner, B.S. Gerig, G.A. Lamberti. Ecological consequences of Great Lakes salmon subsidies for stream-resident brook and brown trout. 2020. Canadian Journal of Fisheries and Aquatic Sciences. 77:1758-1771. https://doi.org/10.1139/cjfas-2020-0086 Gerig, B.S., N.T. Hermann , D.T. Chaloner, and G.A. Lamberti. 2019. Using a dynamic bioenergetics-bioaccumulation model to understand mechanisms of uptake and bioaccumulation of salmon-derived contaminants by stream resident fish. Science of the Total Environment. 652:633-642. https://doi.org/10.1016/j.scitotenv.2018.10.149	2020 2019
Presentations:	Hermann, N.T. , L.J. Hammer, N.E. Hussey, M. Marcoux, H. Pettitt-Wade, K. Hedges, and N.B. Furey. 2021, May 5. Arctic seasonality contributes to variable feeding and movement behaviors in resident sculpin. Presented at University of New Hampshire School of Marine Science and Ocean Engineering Graduate Symposium. Hermann, N.T. , A. Caldwell, E. Craig, J. Seavey, and N.B. Furey. 2021, January 28 th . Preparing historical fisheries-independent data for use in predictive modeling with seabird foraging. Presented at New Hampshire Sea Grant Research Symposium. Hermann, N.T. , L.J. Hammer, N.E. Hussey, M. Marcoux, H. Pettitt-Wade, K.	2021 2021

	Hedges, and N.B. Furey. 2020, October 28. Using yearlong movements to explore seasonal adaptations of Arctic sculpin. Presented at American Fisheries Society Atlantic International Chapter Virtual Meeting. https://unh.app.box.com/s/xtcxpsm0jbtduigoyhlg5r9qtzg81l	2020
	Hermann, N.T. , L.J. Hammer, N.E. Hussey, M. Marcoux, H. Pettitt-Wade, K. Hedges, and N.B. Furey. 2020, September 14-25. Feeding and Movements of Arctic Sculpin Exploiting a Marine Resource Pulse. Presented at American Fisheries Society Virtual Annual Meeting 2020. https://afsannualmeeting.fisheries.org	2020
	Hermann, N.T. , A. Caldwell, E. Craig, J. Seavey, and N.B. Furey. 2020, August 21. Modeling common tern foraging in the Gulf of Maine. Presented at SML Summer Symposium. https://www.youtube.com/watch?v=p0019UvvcAl	2020
	Hermann, N.T. 2019 March 14. Influence of the Pacific Salmon Spawning Subsidy on the Feeding Ecology and Growth of Great Lakes Stream-Resident Trout. Presented at AFS-TWS Michigan Joint Meeting.	2019
	Hermann, N.T. and B. Hoster. Ability and Behavior of Foraging Sunfish (<i>Lepomis</i> spp.) Communities in Northwestern Wisconsin Lakes of Differing Turbidity. <i>Presentation and unpublished paper.</i>	2017
	Hermann, N.T. , B.S. Gerig, D.T. Chaloner, and G.A. Lamberti. Consumption of Salmon and Non-Salmon Resources by Resident Fishes During Pacific Salmon (<i>Oncorhynchus</i> spp.) Runs in the Great Lakes. <i>Poster Presentation.</i>	2017
Teaching Experience:	Department of Biological Sciences University of New Hampshire <i>Teaching Assistant</i>	2019-2021
	<ul style="list-style-type: none"> • Introductory Biology: Biodiversity, Evolution, and Ecology with Wendy Beagen and Daniel Howard 	
	Department of Biological Sciences University of Notre Dame <i>Teaching Assistant</i>	2018-2019
	<ul style="list-style-type: none"> • Introductory Biology: Big Questions with Dr. David Medvigy • Biostatistics with Dr. Gary Lamberti 	
	Zahm Hall University of Notre Dame <i>Academic Prefect</i>	2018-2019
	<ul style="list-style-type: none"> • Inaugural hire to assist first-year students with the college transition and to encourage academic pursuits 	
	Learning Resource Center University of Notre Dame <i>Tutor</i>	2016-2018
	<ul style="list-style-type: none"> • Biology, General Chemistry, and Organic Chemistry 	
Grants, Fellowships, and Awards:	University of New Hampshire School of Marine Science and Ocean Engineering Graduate Research Symposium Best Presentation Award (\$500)	2021
	University of New Hampshire Department of Biological Sciences Graduate Student Excellence in Research Award (\$225)	2021
	University of New Hampshire Department of Biological Sciences Graduate Symposium Best Presentation Award (\$225)	2020
	American Fisheries Society Northeastern Division John Moring Student Travel Award (\$125)	2020

	New Hampshire SeaGrant Graduate Fellowship in Coastal Resources	2020
	University of New Hampshire Summer Teaching Assistant Fellowship (\$3150)	2020
	ideasOTN Workshop Attendance Grant (\$500 CAD)	2020
	University of New Hampshire Travel Grant	2017, 2019
	University of Notre Dame College of Science Travel Grant	2017, 2019
	University of Notre Dame Center of Undergraduate Scholarly Engagement Academic Research Grant	2018
	University of Notre Dame College of Science Summer Undergraduate Research Fellowship	2017
	University of Notre Dame Environmental Research Center Summer Research Fellowship	
Honors:	Best Presenter University of New Hampshire School of Marine Science and Ocean Engineering Graduate Seminar Series	2021
	Best Presenter University of New Hampshire Department of Biological Sciences Graduate Seminar Series	2020
	Robert Braco M.D. Honors Research Award	2019
	Biological Sciences Honors Program	2019
	Alpha Kappa Delta Honors Sociology Member	2018
	University of Notre Dame Dean's List	2015-2019
	National Merit Scholar Honorable Mention	2015
Scientific Outreach:	University of New Hampshire Ocean Discovery Day	2019
	Skype a Scientist—Lab Visit	2019
Professional Memberships:	American Fisheries Society	
	Midwest Division	2018-2019
	UNH Student Subunit	2019-present
	<i>President (2021-present)</i>	
Relevant Coursework:	*Sharks and Bony Fishes <i>with a Laboratory Co-requisite</i>	2020
	*Applied Regression Analysis	2020
	*Fisheries Biology	2020
	*Investigations in GIS	2020
	*Analysis of Ecological Data <i>with a Laboratory Co-requisite</i>	2020
	*Scientific Writing	2019
	*Spatio-Temporal Statistics with Environmental Applications	2019
	Animal Behavior	2019
	*Stream Ecology <i>with a Laboratory Co-requisite</i>	2019
	*Introduction to Biocomputing	2018
	Biology Honors Research Seminar—2 semesters	2018
	*Introduction to Dynamic Models in Biology	2018
	Integrative Comparative Physiology	2018
	Biostatistics <i>with a Laboratory Co-requisite</i>	2017
	<i>*indicates Graduate level course</i>	
Skills:	Technological: Microsoft Office, R, VUE, ArcGIS, Unix, GitHub	

Practical: Backpack Electrofishing, Fishing Gears, Acoustic Telemetry,
Stable Isotopes, Fish Dissection, Suture, Scientific Writing, First Aid,
Gun Safety

Language: Intermediate Spanish