

**KERRI LYNN ACKERLY, PhD**  
**Research Associate**  
**The University of Texas at Austin**

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**EDUCATION**

2017	<b>Ph.D., Biology</b> , McGill University, Montreal, Canada.
2013	<b>M.S., Biology</b> , Adelphi University, Garden City, NY.
2011	<b>B.S., Biology</b> , <i>Magna Cum Laude</i> , Honours College, Adelphi University, Garden City, NY.

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**PROFESSIONAL APPOINTMENTS**

2023-Present	<b>Research Associate</b> , Marine Science Institute, <b>The University of Texas at Austin</b> .
2018-2023	<b>Postdoctoral Fellow</b> , Marine Science Institute, <b>The University of Texas at Austin</b> .
2017-2018	<b>Special Assistant Professor</b> , Biology Department, <b>Hofstra University</b> .
2015- 2017	<b>Research Associate in Residence</b> , Biology Department, <b>Hofstra University</b> .

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**RESEARCH APPOINTMENTS**

2013-2017	<b>Graduate Researcher</b> , Physiological Ecology & Neurobiology Laboratory, <b>McGill University</b> .
2009-2013	<b>Undergraduate &amp; Graduate Researcher</b> , Functional Morphology Laboratory, <b>Adelphi University</b> .
2011- 2012	<b>Research Assistant</b> , Plant Development & Genetics Laboratory, <b>Cold Spring Harbor Laboratory (CSHL)</b> .
2010	<b>Undergraduate Researcher</b> , NSF Research Experience for Undergraduates, <b>University of Alaska Anchorage</b> .

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**GRANT FUNDING**

2023-2026	<b>Reproductive and developmental toxicity of “Forever Chemicals” to Matagorda Bay’s prey fishes</b> . PI: KM Nielsen, <b>Co-PI: KL Ackerly</b> . Matagorda Mitigation Trust (\$396, 691).
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**PEER REVIEWED PUBLICATIONS**

**Ackerly KL**, Negrete B, Dichiera AM, Esbaugh AJ. 2023. Hypoxia acclimation improves mitochondrial efficiency in the aerobic swimming muscle of red drum (*Sciaenops ocellatus*). *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology* 111443.

**Ackerly KL**, Roark K, Nielsen KM. 2022. Short term salinity stress during early development impacts the growth and survival of red drum (*Sciaenops ocellatus*). *Estuaries and Coasts* 41: 1-10.

Dichiera AM, Negrete B, **Ackerly KL**, Esbaugh AJ. 2022. The role of carbonic anhydrase-mediated tissue oxygen extraction in a marine teleost acclimated to hypoxia. *Journal of Experimental Biology* 225: jeb244474.

Negrete B, **Ackerly KL**, Dichiera AM, Esbaugh AJ. 2022. Respiratory plasticity improves aerobic performance in hypoxia in a marine teleost. *Journal: Science of the Total Environment* 849: 157880.

Khursigara AJ, **Ackerly KL**, Esbaugh AJ. 2022. Impacts of individual polycyclic aromatic hydrocarbons (PAHs) on the development and morphology of larval red drum (*Sciaenops ocellatus*). *Comparative Physiology and Biochemistry Part C* 259: 109397.

Bonatesta F, Khursigara AJ, **Ackerly KL**, Esbaugh AJ, Mager EM. 2022. Early life-stage Deepwater Horizon crude oil exposure induces latent osmoregulatory defects in larval red drum (*Sciaenops ocellatus*). *Comparative Physiology and Biochemistry Part C*.

Esbaugh AJ, **Ackerly KL**, Dichiera AM, Negrete B. 2021. Is hypoxia vulnerability a by-product of maximum metabolic rate? *Journal of Experimental Biology* 224:jeb232520.

**Ackerly KL**, Esbaugh, AE. 2021. The effects of temperature on oil-induced respiratory impairment in red drum (*Sciaenops ocellatus*). *Aquatic Toxicology* 233: 105773.

**Ackerly KL**, Esbaugh, AE. 2020. The additive effects of oil exposure and hypoxia on aerobic performance in red drum (*Sciaenops ocellatus*). *Science of the Total Environment* 737: 1-9.

Khursigara AJ, **Ackerly KL**, Esbaugh AE. 2019. Oil toxicity and implications for environmental tolerance in fish. *Comparative Physiology and Biochemistry Part C* 220: 52-61.

**Ackerly KL**, Krahe R, Sanford CP, Chapman LJ. 2018. Effects of hypoxia on swimming and sensing in a weakly electric fish. *Journal of Experimental Biology* 221(14): jeb172130.

**Ackerly KL**, Chapman LJ, Krahe R. 2017. Hypoxia acclimation increases novelty response strength during fast-starts in the African mormyrid, *Marcusenius victoriae*. *Comparative Physiology and Biochemistry Part A* 213: 36-45.

**Ackerly KL**, Ward AB. 2016. How temperature-induced variation in musculoskeletal anatomy affects escape performance and survival of zebrafish (*Danio rerio*). *Journal of Experimental Zoology Part A* 325(1): 25-40.

**Ackerly KL**, Ward AB. 2015. Linking vertebral number to performance of aquatic escape responses in the axolotl (*Ambystoma mexicanum*). *Zoology* 118(6): 394-402.

Willacker JJ, von Hippel FA, **Ackerly KL**, O'Hara TM. 2013. Habitat-specific foraging and sex determine mercury concentrations in benthic and limnetic threespine stickleback in Benka Lake, Alaska. *Environmental Toxicology & Chemistry* 32(7): 1623-1630.

## MANUSCRIPTS IN PROGRESS

- Blewett T, **Ackerly KL**, Schlenker L, Martin S, Nielsen K. **Accepted**. Biotic Considerations for Improving the Representativeness of Laboratory Toxicity Testing for Wild Aquatic Organisms. *Science of the Total Environment*.
- Negrete B, **Ackerly KL**, Esbaugh AJ. **In revision**. The impacts of hypoxia acclimation on anaerobic metabolism of red drum (*Sciaenops ocellatus*). *Journal of Experimental Biology*.
- Zambie A, **Ackerly KL**, Negrete B, Esbaugh AJ. **In revision**. Warming induced “plastic floors” improve hypoxia vulnerability, not aerobic scope, in red drum. *Comparative Physiology and Biochemistry Part A*.
- Ackerly KL**, Roark KJ, Lu K, Esbaugh AJ, Liu Z, Nielsen KM. *In prep*. 6PPD-quinone does not significantly impact the survival or morphology of an estuarine-dependent fish in the Gulf of Mexico. Target journal: *Environmental Science & Technology Letters*.
- Ackerly KL**, Roark, Lu K, Esbaugh AJ, Liu Z, Nielsen KM. *In prep*. Photo-induced toxicity of tire wear particle leachate on larval red drum (*Sciaenops ocellatus*). Target Journal: *Aquatic Toxicology*.
- Ackerly KL**, Roark KJ, Nielsen KM. *In prep*. Comparative effects of long- and short-chain per- and polyfluoroalkyl substances (PFAS) on early life stage red drum (*Sciaenops ocellatus*). Target journal: *Environmental Science & Technology Letters*.
- Ackerly KL**, Roark KJ, Rivera T, Nielsen KM. *In prep*. Impacts of semaglutide (Ozempic™) and tirzepatide (Mounjaro™) on development in red drum (*Sciaenops ocellatus*). Target journal: *Environmental Science & Technology Letters*.
- Roark KJ, **Ackerly KL**, Nielsen KM. *In prep*. In the Context of Estuaries: Impacts of hypersalinity, temperature, and per- and polyfluoroalkyl substances (PFAS) on early life stage red drum. Target journal: *Environmental Science & Technology*.
- Negrete B, **Ackerly KL**, Schumm MR, Esbaugh AJ. *In prep*. Respiratory plasticity does not respond to hyperoxia in red drum. Target journal: *Journal of Experimental Biology*.
- Schumm MR, **Ackerly KL**, Esbaugh AJ. *In prep*. Temperature effects behavior and metabolism in the sheepshead minnow (*Cyprinodon variegatus*). Targe journal: *Comparative Physiology and Biochemistry Part A*.
- Negrete B, **Ackerly KL**, Esbaugh AJ. *In prep*. Implications of chronic hypoxia during a critical developmental window in red drum. Target journal: *Journal of Experimental Biology*.

## TEACHING EXPERIENCE

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| 2023      | Guest lecture: Shark Conservation, <i>The Biology of Sharks, Skates, and Rays</i> , UT Austin Marine Science Institute.                            |
| 2022      | Guest lecture: Scientific Communication: Communicating with Politicians, <i>Marine Environmental Science</i> , UT Austin Marine Science Institute. |
| 2022      | Guest lecture: Toxicants and Climate Change in Marine Systems, <i>Marine Environmental Science</i> , UT Austin Marine Science Institute.           |
| 2021      | <b>Instructor of Record</b> , <i>The Biology of Sharks, Skates, and Rays</i> , UT Austin Marine Science Institute.                                 |
| 2019      | Guest lecture: Shark Conservation, <i>The Biology of Sharks, Skates, and Rays</i> , UT Austin Marine Science Institute.                            |
| 2018      | <b>Instructor of Record</b> , <i>Biology of Fishes</i> , Hofstra University.   |
| 2018      | <b>Instructor of Record</b> , <i>Biology in Society</i> , Hofstra University.  |
| 2018      | <b>Instructor of Record</b> , <i>Biology in Society Laboratory</i> , Hofstra University (x2).  |
| 2018      | <b>Instructor of Record</b> , <i>Scientific Process Skills</i> , Hofstra University.   |
| 2018      | <b>Instructor of Record</b> , <i>Scientific Communication</i> , Adelphi University.  |
| 2017      | <b>Instructor of Record</b> , <i>Biology in Society</i> , Hofstra University.  |
| 2017      | <b>Instructor of Record</b> , <i>Biology in Society Laboratory</i> , Hofstra University (x3).  |
| 2017      | <b>Instructor of Record</b> , <i>Scientific Process Skills</i> , Hofstra University.   |
| 2015      | Teaching Assistant, <i>Principles: Organismal Biology Laboratory</i> , McGill University (x2).   |
| 2014      | Teaching Assistant, <i>Principles: Organismal Biology Laboratory</i> , McGill University (x2).   |
| 2013      | Teaching Assistant, <i>Principles: Organismal Biology Laboratory</i> , McGill University (x2).   |
| 2013      | Teaching Assistant, <i>Cell Biology</i> , Adelphi University.  |
| 2013      | Teaching Assistant, <i>Biological Concepts &amp; Methods II Laboratory</i> , Adelphi University (x2).  |
| 2012      | Guest lecture: The Respiratory System, <i>Comparative Anatomy</i> , Adelphi University.  |
| 2012      | Teaching Assistant, <i>Comparative Anatomy Laboratory</i> , Adelphi University.  |
| 2012      | Teaching Assistant, <i>Principles of Regulatory Physiology Laboratory</i> , Adelphi University.  |
| 2012      | Marine Science Educator/Naturalist, The WaterFront Center, Oyster Bay, NY.   |
| 2012      | Teaching Assistant, <i>Biological Concepts &amp; Methods II Laboratory</i> , Adelphi University (x3).  |
| 2009-2012 | Biology & Organic Chemistry Tutor.   |
| 2011      | Teaching Assistant, <i>Vertebrate Zoology Laboratory</i> , Adelphi University.   |
| 2011      | Teaching Assistant, <i>Biological Concepts &amp; Methods I Laboratory</i> , Adelphi University (x2).   |
| 2011      | Guest lectures, <i>Vertebrate Zoology</i> , Adelphi University. Topics: Turtle Diversity & Evolution; Mesozoic Diapsids.                           |
| 2011      | Teaching Assistant, <i>Genetics Laboratory</i> , George Washington Carver High School for the Sciences, Queens, NY.                                |

## HONOURS AND AWARDS

2021	Outstanding Alumni, Adelphi University 10 Under 10 Alumni Recognition Program, <i>Adelphi University</i> .
2018	Nominee, Best Student Oral Presentation, <i>Society of Integrative and Comparative Biology, Division of Vertebrate Morphology</i> .
2013	Honourable Mention, Outstanding Graduate Oral Presentation in Life Sciences. <i>AURC</i> .
2012	Best Graduate Poster Presentation. Metropolitan Association of College and University Biologists.
2012	Honourable Mention, Outstanding Graduate Oral Presentation in Life Sciences. <i>AURC</i> .
2011	The Joseph Serio Research Award, Biology Department, Adelphi University.
2011	The Warren Eickelberg Prize for Natural Sciences, Honours College, Adelphi University.
2011	Outstanding Undergraduate Oral Presentation in Life Sciences. <i>Adelphi University Research Conference (AURC)</i> .
2007-2010	Dean's List, Adelphi University, 7 semesters.

## FUNDING & SCHOLARSHIPS

2016-2017	Doctoral Writing Year Award (\$8,000), McGill University, Montreal, QC.
2016-2017	Differential Fee Waiver (\$11,200), McGill University, Montreal, QC.
2016	Research Travel Award (\$2,000), McGill University, Travel support for work at Hofstra University, NY.
2016	GREAT Award (\$500), McGill University, Travel to <i>The Society of Integrative and Comparative</i> .
2016	Molson, Hilton, Hart Fellowship (\$5,400), McGill University, Montreal, QC.
2015-2016	Differential Fee Waiver (\$11,200), McGill University, Montreal, QC.
2015	Faculty of Science Graduate Excellence Fellowship (\$5,000), McGill University, Montreal, QC.
2015	Research Travel Award (\$3,000), McGill University, Travel support for work at Hofstra University, NY.
2014-2015	Differential Fee Waiver (\$11,200), McGill University, Montreal, QC.
2014	GREAT Award (\$245), McGill University, Registration for <i>The Genomes to Biomes</i> Meeting, Montreal, QC.
2014	GREAT Award (\$500), McGill University, Travel to <i>The Society of Integrative and Comparative Biology</i> .
2013-2014	Differential Fee Waiver (\$11,200), McGill University, Montreal, QC.
2013-2014	Biology Department Entrance Award (\$5,000), McGill University, Montreal, QC.
2011-2012	Barnes & Noble Scholarship (\$1,000), Adelphi University, Garden City, NY.
2007-2011	Presidential Scholarship, Adelphi University, Garden City, NY.
2007-2011	Long Island Pan-Hellenic Scholarship, Adelphi University, Garden City, NY.
2007-2011	Service Recognition Award, Adelphi University, Garden City, NY.

## MENTORING EXPERIENCE

2021-2022	Adam Zambie (co-advised with Benjamin Negrete, Jr.), UT Austin Marine Science Institute.
2019	Annamarie Capra (co-advised with Angelina Dichiera), UT Austin Marine Science Institute. Project: Impacts of temperature acclimation on red drum ( <i>Sciaenops ocellatus</i> ) metabolic performance.
2016-2017	Francesca Giammona, Hofstra University. Project: Comparative feeding kinematics among elephantnose weakly electric fishes.
2015-2017	Leah Andren, Hofstra University. Project: Feeding kinematics of blackghost knifefish, <i>Apteronotus albifrons</i> .
2015	Arthega Selvarajan & Catherine Jarvis, Sacred Heart High School of Montreal. Project: Morphological comparisons of brown ghost knifefish, <i>Apteronotus leptorhynchus</i> .
2014-2015	Charlotte Le Fèvre, McGill University. Project: Vertebral morphological comparisons among Mormyridae and Gymnotiformes.
2014	Nathan Philip, McGill University. Project: Fast-start performance under high and low oxygen in <i>Gnathonemus victoriae</i> .
2014	Katrina Li, McGill University. Project: Effects of hypoxia acclimation on ventilation of <i>Gnathonemus victoriae</i> .
2014	Brittany Zhang, McGill University. Project: Fast-start performance under high and low oxygen in <i>Gnathonemus victoriae</i> .

## INVITED SEMINARS

July 2023	Impacts of 6PPD-quinone on red drum ( <i>Sciaenops ocellatus</i> ) and southern flounder ( <i>Paralichthys lethostigma</i> ). The Experimental Lakes Area (ELA), Ontario, Canada.
August 2022	The impacts of climate change and crude oil on red drum ( <i>Sciaenops ocellatus</i> ). The University of Texas at Austin, Austin, TX.
September 2021	Impacts of environmental conditions and toxicants on aerobic performance of red drum ( <i>Sciaenops ocellatus</i> ). University of Alberta, Canada.
November 2019	Impacts of oil exposure, low oxygen, and temperature on aerobic performance of red drum ( <i>Sciaenops ocellatus</i> ). The University of Texas at Austin Marine Science Institute, Port Aransas, TX.

## INVITED SEMINARS (cont.)

October 2018	Mismatch between morphology and performance among elephant-nose weakly electric fishes from divergent habitats. The University of Texas at Austin Marine Science Institute, Port Aransas, TX.
February 2018	Mismatch between morphology and performance among elephant-nose weakly electric fishes from divergent habitats. SUNY New Paltz, New Paltz, NY.
December 2016	The effects of chronic and acute hypoxia on swimming and active sensing in weakly electric fishes. McGill University, Montreal, QC.
September 2016	Effects of hypoxia on swimming and active sensing in weakly electric fishes. Hofstra University, Hempstead, NY.
April 2016	The relationship between swimming performance and electrical signaling activity in weakly electric fishes under hypoxia. Adelphi University, Garden City, NY.
March 2015	Effects of hypoxia on swimming and active sensing in weakly electric fishes. Adelphi University, Garden City, NY.
July 2013	The importance of backbones in a fish eat fish world. Walter G. O'Connell Copiague High School, Copiague, NY.
January 2013	Determining the relationship between vertebral morphology and burst swimming performance. Adelphi University, Garden City, NY.

## RESEARCH PRESENTATIONS (Presenting author)

- Negrete B, Ackerly KL, Esbaugh AJ. Oral Presentation. *Canadian Society of Zoology Annual Meeting*, Saskatoon, Canada.
- Ackerly KL, Roark KJ, Nielsen KM. 2023. Oral Presentation. *South-Central SETAC Regional Chapter Annual Meeting*. Denton, TX.
- Rivera T, Roark KJ, Ackerly KL, Nielsen KM. 2023. Poster Presentation. *South-Central SETAC Regional Chapter Annual Meeting*. Denton, TX.
- Ackerly KL, Roark KJ, Esbaugh AJ, Nielsen KM. 2022. Oral Presentation. *North American Society of Environmental Toxicology and Chemistry Annual Meeting*. Pittsburgh, Pennsylvania.
- Roark KJ, Ackerly KL, Nielsen KM. 2022. Poster Presentation. *North American Society of Environmental Toxicology and Chemistry Annual Meeting*. Pittsburgh, Pennsylvania.
- Ackerly KL, Esbaugh AE. 2022. Oral Presentation. *The American Physiological Society Conference*, San Diego, CA.
- Negrete B, Ackerly KL, Esbaugh AE. 2022. Oral Presentation. *The American Physiological Society Conference*, San Diego, CA.
- Ackerly KL, Roark KJ, Esbaugh AJ, Nielsen KM. 2022. Oral Presentation. *Texas Bays and Estuaries Meeting*. Port Aransas, TX.
- Ackerly KL, Roark KJ, Esbaugh AJ, Nielsen KM. 2022. Poster Presentation. *The University of Texas Center for Molecular Carcinogenesis and Toxicology 4<sup>th</sup> Annual Research Symposium*. Austin, TX.
- Ackerly KL, Negrete BNJ, Dichiera AM, Esbaugh AJ. 2022. Oral Presentation. *International Congress on the Biology of Fish Meeting*. Montpellier, France.
- Ackerly KL, Nielsen KM, DeCamp L, Birgisson M, McMaster M, Parrott J, Palace V, Kidd K, Ussery E. 2022. Oral Presentation. *International Congress on the Biology of Fish Meeting*. Montpellier, France.
- Ackerly KL, Roark KJ, Esbaugh AJ, Nielsen KM. 2022. Poster Presentation. *International Congress on the Biology of Fish Meeting*. Montpellier, France.
- Roark KJ, Ackerly KL, Nielsen KM. 2022. Oral Presentation. *International Congress on the Biology of Fish Meeting*. Montpellier, France.
- Negrete BNJ, Ackerly KL, Esbaugh AJ. 2022. Oral Presentation. *International Congress on the Biology of Fish Meeting*. Montpellier, France.
- Zambie A, Negrete BNJ, Ackerly KL, Esbaugh AJ. 2022. Oral Presentation. *International Congress on the Biology of Fish Meeting*. Montpellier, France.
- Dichiera AM, Negrete BNJ, Ackerly KL, Esbaugh AJ. 2022. Oral Presentation. *International Congress on the Biology of Fish Meeting*. Montpellier, France.
- Ackerly KL, Roark KJ, Esbaugh E, Nielsen KM. 2022. Oral Presentation. *South-Central SETAC Regional Chapter Annual Meeting*. Corpus Christi, TX.
- Ackerly KL, Esbaugh AE. 2020. Poster Presentation. *Executive Committee of the Gulf of Mexico Oil Spill and Ecosystem Science Conference*, Tampa, FL.
- Ackerly KL, Esbaugh AE. 2020. Oral Presentation. *The Society of Integrative and Comparative Biology Annual Conference*, Austin, TX.
- Ackerly KL, Esbaugh AE. 2020. Poster Presentation. *The Society of Integrative and Comparative Biology Annual Conference*, Austin, TX.
- Ackerly KL, Esbaugh AE. 2019. Oral Presentation. *International Conference of Comparative Physiology and Biochemistry*. Ottawa, Canada.
- Ackerly KL, Esbaugh AE. 2019. Oral Presentation. *The Society of Experimental Biology Conference*, Seville, Spain.
- Ackerly KL, Esbaugh AE. 2019. Oral Presentation. *Executive Committee of the Gulf of Mexico Oil Spill and Ecosystem Science Conference*, New Orleans, LA.
- Ackerly KL, Esbaugh AE. 2019. Poster Presentation. *Executive Committee of the Gulf of Mexico Oil Spill and Ecosystem Science Conference*, New Orleans, LA.



## RESEARCH PRESENTATIONS (Presenting author) (cont.)

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- Ackerly KL, Mitrofanov I, Sanford CP, Krahe R, Chapman LJ. 2018. Oral Presentation, *The Society of Integrative and Comparative Biology* Annual Conference, San Francisco, CA.
- Ackerly KL, Chapman LJ, Krahe R. 2017. Poster presentation, *The Society of Integrative and Comparative Biology* Annual Conference, New Orleans, LA.
- Ackerly KL, Mitrofanov I, Sanford CP, Krahe R, Chapman LJ. 2017. Poster presentation, *The Society of Integrative and Comparative Biology* Annual Conference, New Orleans, LA.
- Ackerly KL, Chapman LJ, Krahe R. 2016. Oral presentation, *Northeast Regional Vertebrate Evolution Symposium (NERVES)*, Garden City, NY.
- Ackerly KL, Krahe R, Chapman LJ. 2016. Oral presentation, *The Society of Integrative and Comparative Biology* Annual Conference, Portland, OR.
- Ackerly KL, Chapman LJ, Krahe R. 2016. Poster presentation, *The Society of Integrative and Comparative Biology* Annual Conference, Portland, OR.
- Ackerly KL, Chapman LJ, Krahe R. 2015. Poster presentation, *Concordia University Biology Department Symposium*, Montreal, QC.
- Ackerly KL, Reemeyer JE, Chapman LJ, Krahe R. 2015. Poster presentation, *McGill University Biology Department Symposium*, Montreal, QC.
- Ackerly KL, Chapman LJ, Krahe R. 2015. Oral presentation, *The Electric Fish Conference*, Mont-Saint-Hilaire, QC.
- Ackerly KL, Baltazer C, Chretien E, Fugere V, Hanna D, McDonnell L, Moulton T, Nyboer B, Chapman LJ. 2014. Poster presentation, *McGill University Biology Department Symposium*, Montreal, Quebec.
- Ackerly KL, Krahe R, Chapman, LJ. 2014. Poster presentation, *Genomes to Biomes Meeting*, Montreal, QC.
- Ackerly KL, Ward AB. 2014. Oral presentation, *The Society of Integrative and Comparative Biology* Annual Conference, Austin, TX.
- Ward AB, Ackerly KL. 2013. Oral presentation, *International Congress of Vertebrate Morphology meeting*, Barcelona, Spain.
- Ackerly KL, Ward AB. 2013. Oral presentation, *Adelphi University Research Conference*, Garden City, NY.
- Ackerly KL, Ward AB. 2013. Oral presentation, *The Society of Integrative and Comparative Biology* Conference, San Francisco, CA.
- Ackerly KL, Ward AB. 2012. Poster presentation, *Metropolitan Association of College and University Biologists (MACUB) Annual Conference*, Adelphi University, Garden City, NY.
- Ackerly KL, Ward AB. 2012. Oral presentation, *Adelphi University Research Conference*, Garden City, NY.
- Ackerly KL, Ward AB. 2012. Oral presentation, *Northeast Area Vertebrate Morphology & Evolution Conference*, NY College of Osteopathic Medicine, Old Westbury, NY.
- Ackerly KL, Ward AB. 2012. Poster presentation, *The Society of Integrative and Comparative Biology* Annual Conference, Charleston, SC.
- Ackerly KL, Ward AB. 2011. Oral presentation, *Adelphi University Research Conference*, Garden City, NY.
- Ackerly KL, Ward AB. 2011. Poster presentation, *The Society of Integrative & Comparative Biology* Annual Conference, Salt Lake City, UT.
- Ackerly KL, Willacker JJ, von Hippel FA. 2010. Oral presentation, *University of Alaska Anchorage REU Research Seminar*, Anchorage, AK.
- Ackerly KL, Willacker JJ, von Hippel FA. 2010. Poster presentation, *University of Alaska Anchorage REU Research Seminar*, Anchorage, AK.
- Ackerly KL, Ward AB. 2010. Poster presentation, *Adelphi University Research Conference*. Garden City, NY.

## SCIENTIFIC OUTREACH & WORKSHOPS

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2023	Guest Speaker, Experimental Lakes Student Experience (ELSE), The Experimental Lakes Area (ELA), Ontario, Canada.
2023	Session Leader, Donor's Celebration Day, The Experimental Lakes Area (ELA), Ontario, Canada.
2019	Shark Biology & Conservation Workshop, Summer Science Program, UT Austin Marine Science Institute, Port Aransas, TX.
2018-Present	"Skype A Scientist" Biologist, 5 schools/semester.
2018	Science Panelist, 5 <sup>th</sup> Grade Olsen Elementary School Science Fair, Port Aransas, TX.
2017-2020	Communications Director & International Press Team Leader, The Nakawe Project (@nakaweproject).
2016-2019	Judge, Long Island Science & Engineering Fair, Woodbury, NY.
2015-2016	Mentor, Gifted and Talented Education (GATE) Program, Sacred Heart High School, Montreal, QC.
2012-2020	K-12 Life Science "Expert", ScienceBuddies.
2014	Electrophysiology Session Leader, Panorama of the Sciences Camp, Montreal, QC.
2012	VertNet: The Biodiversity Informatics Training Workshop, University of Colorado Museum of Natural History.

## PEER REVIEWER

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Environmental Science & Technology, Evolution, Environmental Toxicology & Chemistry, Molecular Ecology, Scientific Reports, Journal of Experimental Marine Biology and Ecology, Journal of Fish Biology, Marine Policy, PLoS ONE, Environmental Biology of Fishes, Aquatic Toxicology, Integrative and Comparative Biology, Fishes, Animals.

## **SOCIETY MEMBERSHIPS**

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2022-Present	The Society of Environmental Toxicology and Chemistry (SETAC).
2022-Present	The Southcentral Chapter of the Society of Environmental Toxicology and Chemistry (Southcentral SETAC).
2019-Present	The Society of Experimental Biology (SEB).
2011-Present	Society for Integrative and Comparative Biology (SICB).
2014-2017	Canadian Society for Ecology and Evolution (CSEE).
2013-2017	Quebec Centre for Biodiversity Science (QCBS).
2012	Metropolitan Association of College and University Biologists (MACUB).
2009-2011	Beta Beta Beta, National Biological Honour Society, Adelphi University.