# **KATHRYN T. STEVENSON**

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# **EDUCATION**

NC State University	Ph.D., Fisheries, Wildlife & Conservation Biology	August 2014
Davidson College	B.S., Biology Minor, Spanish	May 2003
<b>Certificates and Trainings</b>		
Antioch University	Conservation Psychology Institute	June 2016
US Dept. of the Interior	Introduction to Structured Decision Making	April 2014
NC Dept. of Public Instruction	6-12 Science Teaching License	June 2012

# PROFESSIONAL APPOINTMENTS

2021 – present	Associate Professor Parks, Recreation & Tourism Management	NC State University
2016 - 2021	Assistant Professor Parks, Recreation & Tourism Management	NC State University
2023 -	Graduate Faculty Human Dimensions of Natural Resources	NC State University
2019 -	Graduate Faculty Fisheries, Wildlife & Conservation Biology	NC State University
2016 -	Graduate Faculty Natural Resources graduate program	NC State University
2016 -	Faculty Affiliate	S.E. Climate Center
2014-2016	Postdoctoral Research Scholar Fisheries, Wildlife & Conservation Biology	NC State University
2011-2014	Research Assistant Fisheries, Wildlife & Conservation Biology	NC State University
2013-2014	Research Assistant College of Education	NC State University
2009-2011	Biology Teacher	Woods Charter School, Chapel Hill, NC
2005 – 2009	Science Teacher	Drew School San Francisco, CA
2003 – 2005	Marine Science Instructor	CIMI Avalon, CA

### **SCHOLARSHIP**

Citation Indices (January 31, 2023) Citations: 2489 | H-Index: 26 | i10-Index: 40

\*graduate advisee; undergraduate mentee (underlined)

# Journal articles published or in press

[impact factor]

\*Gibson, L. Stevenson, K. T., Busch, K. C., Cutts, B. B., Seekamp, E., & Krementz, S. [3.0] Pushing toward systemic change in the Capitalocene: Investigating the efficacy of existing behavior prediction models on individual and collective pro-environmental actions in high school students. Journal of Environmental Education. Accepted into Special Issue on the Capitalocene. 65. Busch, K. C., Chesnut, L., Stevenson, K., Larson, L., Black-Maier, A., Yelton, C., & [0.7]Stover, D. (2023). Collaborative capacity-building for collective evaluation: A case study with informal science education centers. International Journal of Science Education, Part B, O(0), 1–23. https://doi.org/10.1080/21548455.2023.2216340 64. Hartley, J. M., Stevenson, K. T., Pereira, S. R., Peterson, M. N., Lawson, D. F., & [2.3] Martinez, B. (2023). How a marine debris environmental education program plays to strengths of linguistically diverse learners. Frontiers in Education, 7. https://www.frontiersin.org/articles/10.3389/feduc.2022.1058864 Jewell, K., Peterson, M. N., Martin, M., Stevenson, K. T., Terando, A., & Teseneer, R. 63. [1.0] (2023). Conservation decision makers worry about relevancy and funding but not climate change. Wildlife Society Bulletin. https://doi.org/10.1002/wsb.1424 62. Carrier, S. J., Fraulo, A. S., Romeo, L., Stevenson, K. T., & Peterson, M. N. Teachers as [n/a] Learners Lessons about Science, Outdoors, and Students. Accepted in Electronic Journal of Science Teaching Vaughn, A. K., Nils Peterson, M., Casola, W. R., Stevenson, K. T., & Pacifici, L. B. [1.7] 61. (2022). Using the Implicit Association Test to Evaluate Subconscious Attitudes Toward Snakes. Anthrozoös, 35(2), 293–306. https://doi.org/10.1080/08927936.2021.1986261 60. Beall, J. M., Jackson, S. B., Casola, W. R., Peterson, M. N., Larson, L. R., Stevenson, K. [1.9] T., & Seekamp, E. (2022). Self-reported participation in outdoor and nature-based recreation before and during the COVID-19 pandemic supports psychological health and well-being. Wellbeing, Space and Society, 3, 100094. https://doi.org/10.1016/j.wss.2022.100094 59. Jewell, K., Peterson, M. N., Stevenson, K. T., & Choi, D. (2022). Children of Trinidad [0.5]prioritize conservation of species that are important in nature. Caribbean Studies, 50(1), 63-77. https://doi.org/10.1353/crb.2022.0002 58. \*Gibson, L., Busch, K.C., **Stevenson, K. T.,** Cutts, B. B., DeMattia, E., Aguilar, O., [3.3] Ardoin, N. M., Carrier, S. J., Clark, C., Cooper, C., Feinstein, N. W., Goodwin, J.,

Peterson, M. N., Wheaton, M. (2022). What is Community-Level Environmental Literacy, and How Can We Measure It? A Report of a Convening to Conceptualize

and Operationalize CLEL. Accepted in *Environmental Education Research*.

57.	*Reilly, C. E., <b>Stevenson, K. T.,</b> Warner, W., Park, T., Knollenberg, W. K., Lawson, D. F., Brune, S., A., & Barbieri, C. (2022). Agricultural and environmental education: A call for meaningful collaboration. <i>Environmental Education Research</i> . DOI: 10.1080/13504622.2022.2040431	[3.3]
56.	Casola, W. R., Beall, J. M., Nils Peterson, M., Larson, L. R., Brent Jackson, S., & <b>Stevenson, K. T.</b> (2022). Political polarization of conservation issues in the era of COVID-19: An examination of partisan perspectives and priorities in the United States. <i>Journal for Nature Conservation</i> , <i>67</i> , 126176. <a href="https://doi.org/10.1016/j.jnc.2022.126176">https://doi.org/10.1016/j.jnc.2022.126176</a>	[2.4]
55.	Zhang, Z., <b>Stevenson, K. T.</b> , & Martin, K. L. (2022). Use of nature-based schoolyards predicts students' perceptions of schoolyards as places to support learning, play, and mental health. <i>Environmental Education Research</i> , <i>O</i> (0), 1–12. DOI: 10.1080/13504622.2022.2032612	[3.3]
54.	Zhang, Z., Martin, K. L., <b>Stevenson, K. T</b> ., & Yao, Y. (2022). Equally green? Understanding the distribution of urban green infrastructure across student demographics in four public school districts in North Carolina, USA. <i>Urban Forestry &amp; Urban Greening</i> , <i>67</i> , 127434. <a href="https://doi.org/10.1016/j.ufug.2021.127434">https://doi.org/10.1016/j.ufug.2021.127434</a>	[4.5]
53.	Brune, S., Knollenberg, W., <b>Stevenson, K.</b> , & Barbieri, C. (2022). Investigating Predictors of Public- and Private-Sphere Sustainable Behaviors in the Context of Agritourism. <i>Sustainability</i> , <i>14</i> (2), 663. <a href="https://doi.org/10.3390/su14020663">https://doi.org/10.3390/su14020663</a>	[3.25]
52.	*Zhang, Z., Stevenson, K. T., & Martin, K. L. (2021). Exploring geographical, curricular, and demographic factors of nature use by children in urban schoolyards in Raleigh, NC, USA. <i>Urban Forestry &amp; Urban Greening</i> , 65, 127323. <a href="https://doi.org/10.1016/j.ufug.2021.127323">https://doi.org/10.1016/j.ufug.2021.127323</a>	[4.5]
51.	*Hartley, J. M., Higgins, K. M., Peterson, M. N., Stevenson, K. T., & Jackson, M. W. (2021). Perspective From a Youth Environmental Activist: Why Adults Will Listen to Youth in Politics. <i>Frontiers in Political Science</i> , <i>3</i> . <a href="https://www.frontiersin.org/article/10.3389/fpos.2021.636583">https://www.frontiersin.org/article/10.3389/fpos.2021.636583</a>	
50.	Larson, L. R., Zhang, Z., Oh, J. I., Beam, W., Ogletree, S. S., Bocarro, J. N., Lee, K. J., Casper, J., Stevenson, K. T., Hipp, J. A., Mullenbach, L. E., Carusona, M., & Wells, M. (2021). Urban Park Use During the COVID-19 Pandemic: Are Socially Vulnerable Communities Disproportionately Impacted? <i>Frontiers in Sustainable Cities</i> , 3. <a href="https://www.frontiersin.org/article/10.3389/frsc.2021.710243">https://www.frontiersin.org/article/10.3389/frsc.2021.710243</a>	[n/a]
49.	Vaughn, A. K., Nils Peterson, M., Casola, W. R., Stevenson, K. T., & Pacifici, L. B. (2022). Using the Implicit Association Test to Evaluate Subconscious Attitudes Toward Snakes. <i>Anthrozoös</i> , <i>35</i> (2), 293–306. <a href="https://doi.org/10.1080/08927936.2021.1986261">https://doi.org/10.1080/08927936.2021.1986261</a>	[1.69]
48.	Larson, L. R., Peterson, M. N., Furstenberg, R. V., Vayer, V. R., Lee, K. J., Choi, D. Y., Stevenson, K., Ahlers, A. A., Anhalt-Depies, C., Bethke, T., T. Bruskotter, J., Chizinski, C. J., Clark, B., Dayer, A. A., Dunning, K. H., Ghasemi, B., Gigliotti, L., Graefe, A., Irwin, K., Woosnam, K. M. (2021). The future of wildlife conservation funding:	[3.2]

- What options do U.S. college students support? *Conservation Science and Practice*, *3*(10), e505. <a href="https://doi.org/10.1111/csp2.505">https://doi.org/10.1111/csp2.505</a>
- 47. Beall, J. M., Casola, W. R., Peterson, M. Nils., Larson, L. R., Carr, W. A., Seekamp, E., Stevenson, K. T., & Jackson, S. B. (2021). Cultural Cognition and Ideological Framing Influence Communication About Zoonotic Disease in the Era of COVID-19. *Frontiers in Communication*, 6. https://www.frontiersin.org/article/10.3389/fcomm.2021.645692
- 46. Ennes, M., Lawson, D. F., Stevenson, K. T., Peterson, M. N., & Jones, M. G. (2021). [2.4] It's about time: Perceived barriers to in-service teacher climate change professional development. *Environmental Education Research*, 27(5), 762–778. https://doi.org/10.1080/13504622.2021.1909708
  - \*Hartley, J. M., Stevenson, K. T., Peterson, M. N., Busch, K. C., Carrier, S. J., DeMattia, E. A., Jambeck, J. R., Lawson, D. F., & Strnad, R. L. (2021). Intergenerational learning: A recommendation for engaging youth to address marine debris challenges. *Marine Pollution Bulletin*, *170*, 112648. https://doi.org/10.1016/j.marpolbul.2021.112648
- 44. \*Harley, J. M., **Stevenson, K. T.,** Peterson, M. N., DeMattia, E. A., <u>Paliotti, S., & [n/a] Fairbairn, T.</u> (2021). Youth can promote marine debris concern and support of policy among local voter and political officials. Accepted in *Frontiers in Political Science*, 3(662886). DOI: 10.3389/fpos.2021.662886
- 43. Vayer, V., Larson, L. R., Peterson, M. N., Lee, K. J., Von Furstenberg, R., Choi, D., Stevenson, K. T., Ahlers, A., Anhalt-Depies, C., Bethke, T., Bruskotter, J., Chizinski, C., Clark, B., Dayer, A., Ghasemi, B., Gigliotti, L., Graefe, A., Irwin, K., Keith, S., Kelly, M., Kyle, G., Metcalf, E., Morse, W., Needham, M., Poudyal, N., Quartuch, M., Rodriguez, S., Romulo, C., Sharp, R., Siemer, W., Springer, M., Stedman, R., Stein, T., Van Deelen, T., Whiting, J., Winkler, R., & Woosnam, K. (2021). Searching for future hunters: R3 opportunities and insights from diverse university campuses across the United States. *Journal of Wildlife Management*. DOI: 10.1002/jwmg.22055
- 42. **Stevenson, K. T.,** Szczytko, R. E., Peterson, N. M., & Carrier, S. J. (2021). Outdoor science education promotes science performance among girls. *International Journal of Science Education*, 1–22. DOI: 10.1080/09500693.2021.1900948
- 41. \*Jackson, S. B., **Stevenson, K. T.,** Larson, L. R., Peterson, M. N., & Seekamp, E. (2021) Outdoor Activity Participation Improves Adolescents' Mental Health.

  International Journal of Environmental and Public Health,18(5), 2506. DOI: 10.3390/ijerph18052506
  - Media Coverage with WRAL, NC Public Radio
- 40. \*Jackson, S. B., **Stevenson, K. T.,** Peterson, M.N., Lawson, D. F., Olson, R. O., & [n/a] <u>Joseph, G. E.</u> (2021). Lasting Conservation and Science Related Outcomes Associated with Science Education, Environmental Education, and Outdoor Science Education. *Children, Youth and Environments*, *31*(1), 116–145. https://doi.org/10.7721/chilyoutenvi.31.1.0116

39.	Lyles, M., Peterson, M. N., <b>Stevenson, K. T</b> ., & Peterson, M. J. (2021). Youth wildlife preferences and species-based conservation priorities in a low-income biodiversity hotspot region. <i>Environmental Conservation</i> . DOI: 10.1017/S0376892921000035	[2.8]
38.	*Brune, S., <b>Stevenson, K. T.</b> , Knollenberg, W., & Barbieri, C. (2020). Development and Validation of a Children's Agricultural Literacy Instrument for Local Food. <b>Journal of Agricultural Education, 61</b> (3), 233- 260. DOI:10.5032/jae.2020.0300233	[0.5]
37.	*Szyzctko, R. E., <b>Stevenson, K. T.</b> , Peterson, M. N., & Bondell, H. D. (2020). Predicting recreational pathways to connection to nature among youth. <i>Journal of Environmental Education</i> . DOI: 10.1080/00958964.2020.1787313	[2.0]
36.	Brune, S. A., Knollenberg, W. K., <b>Stevenson, K. T.</b> , Barbieri, C., & Schroeder-Moreno, M. (2020). The influence of agritourism experiences on consumer behavior towards local food. <i>Journal of Travel Research</i> . DOI: 10.1177/0047287520938869	[5.2]
35.	Brune, S., Knollenberg, W., <b>Stevenson, K. T.</b> , & Barbieri, C. (2020). U-Pick Farms: Harvesting More than Pumpkins. <i>The Journal of Park and Recreation Administration</i> . DOI: 10.18666/JPRA-2020-10038	[n/a
34.	<b>Stevenson, K. T.</b> , Moore, R., Cosco, N., Floyd, M. F., Sullivan, W., Brink, L., Gerstein, D., Jordan, C., & Zapalatosch, J. (2020). A national research agenda supporting green schoolyard development and equitable access to nature. <i>Elementa: Science of the Anthropocene</i> , 8(1), 10. DOI: 10.1525/elementa.406	[3.5]
33.	Clark, K., Pender, D., Peterson, M. N., <b>Stevenson, K. T.</b> , Lawson, D., & Szczytko, R. (2020). Reaching underserved populations through a fisheries education program. <i>Fisheries</i> , <i>45</i> (3), 131–137. DOI: 10.1002/fsh.10390	[3.2]
32.	Busch, K. C., Ardoin, N. M., Gruehn, D., & <b>Stevenson, K. T.</b> (2019). Exploring a theoretical model of climate change action for youth. <i>International Journal of Science Education</i> , <i>41</i> (17), 2389–2409. DOI: 10.1080/09500693.2019.1680903	[0.5]
31.	Schuttler, S. G., <b>Stevenson, K. T.</b> , Kays, R., & Dunn, R. R. (2019). Children's attitudes toward animals are similar across suburban, exurban, and rural areas. <i>Peer J, 7, e7328</i> . DOI: 10.7717/peerj.7328	[2.4]
30.	Peterson, M. N., <b>Stevenson, K. T.,</b> & Lawson, D. L. (2019). Reviewing how intergenerational learning can help conservation biology face its greatest challenge. (2019). <i>Biological Conservation</i> , <i>235</i> , 290-294. DOI: 10.1016/j.biocon.2019.05.013	[4.7]

29.	*Lawson, D. F., <b>Stevenson, K. T.</b> , Peterson, M. N., Carrier, S. J., L. Strnad, R., & Seekamp, E. (2019). Children can foster climate change concern among their parents. <i>Nature Climate Change</i> , <i>9</i> (6), 458–462. DOI: 10.1038/s41558-019-0463-3	[19.2]
	Media Coverage in 70+ outlets, including Los Angeles Times, Reuters, New York Times, Scientific American, and social media platforms, including on Twitter from Katharine Hayhoe, Greta Thunberg, Alexandria Ocasio-Cortez, and Chelsea Clinton	
28.	*Lawson, D. F., <b>Stevenson, K. T.</b> , Peterson, M. N., Carrier, S. J., Seekamp, E., & Strnad, R. (2019). Evaluating climate change behaviors and concern in the family context. <i>Environmental Education Research</i> , <i>25</i> (5), 678–690. DOI: 10.1080/13504622.2018.1564248	[2.3]
27.	<b>Stevenson, K. T.</b> , Peterson, M. N., Carrier, S. J., Strnad, R. L., Olson, R. A., & Szczytko, R. E. (2019). Making the case for a null effects framework in environmental education and K-12 academic outcomes: When "just as good" is a great thing. <i>Frontiers in Communication</i> , <i>3</i> , 59. DOI: 10.3389/fcomm.2018.00059	[6.4]
26.	Busch, K. C., Henderson, J. A., & <b>Stevenson, K. T.</b> (2019). Broadening epistemologies and methodologies in climate change education research. <i>Environmental Education Research</i> , <i>25</i> (6), 955–971. DOI: 10.1080/13504622.2018.1514588	[2.4]
	Invited introduction to climate change education special issue	
25.	Larson, L. R., Szczytko, R., Bowers, E. P., Stephens, L. E., <b>Stevenson, K. T.</b> , & Floyd, M. F. (2019). Outdoor Time, Screen Time, and Connection to Nature: Troubling Trends Among Rural Youth? <i>Environment and Behavior</i> , <i>51</i> (8), 966–991. DOI: 10.1177/0013916518806686	[4.1]
24.	*Szczytko, R., <b>Stevenson, K. T.</b> , Peterson, M. N., Nietfeld, J., & Strnad, R. L. (2019). Development and validation of the environmental literacy instrument for adolescents. <i>Environmental Education Research</i> , <i>25</i> (2), 193–210. DOI: 10.1080/13504622.2018.1487035	[2.4]
23.	<b>Stevenson, K. T.,</b> Nils Peterson, M. N., & Bondell, H. D. (2018). Developing a model of climate change behavior among adolescents. <i>Climatic Change</i> , <i>151</i> (3–4), 589–603. DOI: 10.1007/s10584-018-2313-0	[4.2]
22.	*Lawson, D. F., <b>Stevenson, K. T.,</b> Peterson, M. N., Carrier, S. J., Strnad, R., & Seekamp, E. (2018). Intergenerational learning: Are children key in spurring climate action? <i>Global Environmental Change</i> , <i>53</i> , 204–208. DOI: 10.1016/j.gloenvcha.2018.10.002	[10.4]
21.	Stevenson, C. D., Porter, K., & <b>Stevenson, K. T.</b> (2018). Evaluation of a reusable learning object for educating undergraduate students about good manufacturing practices. <i>Journal of Food Science Education</i> , <i>17</i> (4), 111–117. DOI: 10.1111/1541-4329.12148	[0.2]

20.	Barbieri, C., <b>Stevenson, K. T.</b> , & Knollenberg, W. K. (2018). Broadening the utilitarian epistemology of agritourism research through children and families. <i>Current Issues in Tourism</i> , <i>22</i> (19), 2333-2336. DOI: 10.1080/13683500.2018.1497011	[3.4]	
19.	*Szczytko, R. E., Carrier, S. J., & <b>Stevenson, K. T</b> . (2018). Impacts of outdoor environmental education on students with emotional and behavioral disabilities. <i>Frontiers in Education</i> , <i>3</i> :46. DOI: 10.3389/feduc.2018.00046	[6.4]	
18.	<b>Stevenson, K. T.</b> , Peterson M. N., & Dunn, R. R. (2017). Leveraging natural capital to address the shared education and conservation crisis. <i>Conservation Biology</i> , <i>32</i> (2), 490–492. DOI: 10.1111/cobi.13039	[4.8]	
17.	Clark, K. E., Cupp, K., Phelps, C. L., Peterson, M. N., <b>Stevenson, K. T.</b> , & Serenari, C. (2017). Evaluating the household dynamics of wildlife value orientations. <i>Human Dimensions of Wildlife</i> , 22(5), 483–491. DOI: 10.1080/10871209.2017.1345022	[1.3]	
16.	Valdez, R. X., Peterson, M. N., & <b>Stevenson, K. T.</b> (2017). How communication with teachers, family and friends contributes to predicting climate change behaviour among adolescents. <i>Environmental Conservation</i> , <i>45</i> (2), 183–191. DOI: 10.1017/S0376892917000443		
15.	Peterson, M. N., Chesonis, T., <b>Stevenson, K. T</b> ., & Bondell, H. D. (2017). Evaluating relationships between hunting and biodiversity knowledge among children. <i>Wildlife Society Bulletin 41</i> (3), 530–536. DOI: 10.1002/wsb.792	[1.0]	
14.	<b>Stevenson, K. T.</b> , King, T. L., Selm, K. R., Peterson, M. N., & Monroe, M. C. (2017). Framing climate change communication to prompt individual and collective action among adolescents from agriculture communities. <i>Environmental Education Research</i> , 24(3), 365–377. DOI: 10.1080.13504622.2017.1318114	[2.4]	
13.	Shapiro, H. G., Peterson. M. N., <b>Stevenson, K. T.</b> , Frew, K. N., & Langerhans, R. B. (2017). How preferences for invasive and exotic species differ among children in a continental and island location. <i>Environmental Conservation</i> , <i>44</i> (4), 389–396. DOI: 10.1017/S0376892917000133	[2.8]	
12.	<b>Stevenson, K. T.</b> , Peterson, M. N., <u>Bradshaw, A.</u> (2016). How climate change beliefs among U.S. teachers do and do not translate to students. <i>PLoS ONE, 11(9):</i> e0161462. DOI:10.1371/journal.pone.0161462	[2.8]	
	Media Coverage in New York Times, Michigan Public Radio and others		
11.	<b>Stevenson, K. T.</b> , Peterson, N. M., Bondell, H. D. (2016). The influence of personal beliefs, friends, and family in building climate change concern among adolescents. <i>Environmental Education Research</i> , 25(6), 832–845. DOI: 10.1080/13504622.2016.1177712.	[2.4]	
10.	Shapiro, H. G., Erickson, K., Peterson. M. N., Frew, K. N., <b>Stevenson, K. T.</b> , Langerhans, R. B. (2016). Which species to conserve: evaluating children's species-based conservation practices. <i>Biodiversity and Conservation</i> , <i>25</i> (3), 539–553. DOI: 10.1007/s10531-016-1067-0	[3.1]	

9.	Frew, K. N., Peterson, M. N., <b>Stevenson, K. T.</b> (2016). Are we working to save the species our children want to protect? Evaluating species attribute preferences among children. <i>Oryx</i> , <i>51</i> (3), 455–463. DOI: <i>10.1017/S0030605315001477</i>	[2.8]
	Media Coverage on Phys.org, India News, and others	
8.	<b>Stevenson, K. T.</b> & Peterson, M. N. (2015). Motivating action through fostering climate change hope and concern and avoiding despair among adolescents. <i>Sustainability, 8(1),</i> 1–10. DOI: 10.3390/su8010006	[2.0]
7.	<b>Stevenson, K. T.</b> & Peterson, M. N. (2015). How experiential service-learning affects student perceptions of education in their careers and as a wildlife management activity. <i>Wildlife Society Bulletin</i> , 39(4), 732–737. DOI: 10.1002/wsb.594	[1.0]
6.	<b>Stevenson, K. T.</b> , Lashley, M. C., Chitwood, M. C., Peterson, M. N., DePerno, C. D., & Moorman, C. E. (2015). How emotion trumps logic in climate change risk perception: Exploring the affective heuristic among conservation science students. <i>Human Dimensions of Wildlife</i> , 20(6), 501–513 DOI:10.1080/10871209.2015.1077538	[1.3]
5.	<b>Stevenson, K. T.</b> , Carrier, S. J., & Peterson, M. N. (2014). Evaluating strategies for inclusion of environmental literacy in the elementary school classroom. <i>Electronic Journal of Science Education</i> , 18(8), 1–17	[n/a]
4.	<b>Stevenson, K. T.</b> , Peterson, M. N., Bondell, H. D, Moore, S. E., & Carrier, S. J. (2014). Overcoming skepticism with education: The interacting impacts of climate literacy on perceived risk of climate change among adolescents. (2014). <i>Climatic Change</i> , 126(3-4), 293–304. DOI: 10.1007/s10584-014-1228-7.	[4.2]
	Media Coverage in the Washington Post, North Carolina Public Radio, and others	
3.	<b>Stevenson, K. T.</b> , Peterson, M. N., Carrier, S. J., Strnad, R. L., Bondell, H. D., Kirby-Hathaway, T., & Moore, S. E. (2014). Role of significant life experiences in building environmental knowledge and behavior among middle school students. <i>Journal of Environmental Education</i> , 45(3), 163–167. DOI: 10.1080/00958964.2014.901935	[2.0]
2.	Carrier, S. J., Pop, M. M., Tagurian, L. P. & <b>Stevenson, K. T</b> . (2014). Elementary science education in classrooms and outdoors: Stakeholder views, gender, ethnicity, and testing. <i>International Journal of Science Education</i> , <i>36</i> (13), 2195–2220. DOI: 10.1080/09500693.2014.917342	[0.5]

[2.8]

Stevenson, K. T., Peterson, M. N., Bondell, H. D., Mertig, A. G., & Moore, S. E. (2013). Environmental, institutional, and demographic predictors of environmental literacy among middle school children. *PLoS ONE*, 8(3). DOI: 10.1371/journal.pone.0059519

Media Coverage by TakePart.org, Southern California Public Radio, *Journal of Blacks* in Higher Education and others

## Journal articles in revision or under review

- 6. Peterman, K., Chesnut, L., Gathings, M.J., Martin, K., Maier, A. B., Evia, J. R., Chávez, R. A., Harris, M., Busch, K.C., Stover, D., Larson, L., R., **Stevenson, K. T.**, & Yelton, C. (*in revision*). Becoming the Change We Want to See: Aspirations, First Steps, and Initial Progress in Diversity, Equity, Access, and Inclusion (DEAI) Practice Across Informal Science Institutions. *Curator: The Museum Journal*.
- 5. **Stevenson, K. T.**, Busch, K. C., Peterson, M. N., Lawson, D. F., & Chavez, R. A. ( *in review*). How mixed messages may be better than silence in climate change education. *Climatic Change*.
- 4. Brune, S., Knollenberg, C., Barbieri, C., & **Stevenson, K. T.** (*in review*). Towards a unified definition of local food. *Journal of Rural Studies*.
- 3. \*Reas, J., **Stevenson, K. T.**, Gibson, L., Beall, J., & Larson. L. R. (*in review*). Nature of the outdoors? Understanding the power of language in elementary student' self-reported connection to nature. *Environmental Education Research*.
- 2. \*Reilly, C., **Stevenson, K. T.**, Brune, S., Knollenberg, W., Barbieri, C., & Cutts, B. B. ( *in review*). Family matters: Intergneerational influences on youth agricultural literacy. *Journal of Environmental Education*.
- von Furstenberg, R., Vayer, V. R.., Larson, L. R., Peterson, M. N., Lee, K. J., Stevenson, K., Ahlers, A. A., Anhalt-Depies, C., Bethke, T., Clark, B., Dayer, A. A., Davan, K., Fisher, T., Ghasemi, B., Gigliotti, L., Graefe, A., Irwin, K., Keith, S., Kelly, M., Kyle, G., Metcalf, E., Needham, M. D., Poudyal, N., Quartuch, M., Rodriguez, S., Romulo, C., Sharp, R. L., Siemer, W., Springer, M., Stedman, R., Stein, T., van Deelen, T., Whiting, J., Winkler, R. L., & Woosnam, K. M. (in revision). Evaluating the impacts of R3 workshops for first-time hunters at universities across the United States. Wildlife Society Bulletin.

## **Published Abstracts and Conference Proceedings**

- 7. Jewell, K., Peterson, M. N., Martin, M., Stevenson, K. T., Terano, A., & Teseneer, R. (2020). How Decision Makers View Wildlife Conservation Challenges in the Southeast United States. *Proceedings of the 75<sup>th</sup> Annual Southeastern Association of Fish and Wildlife Agencies Conference*.
- 6. Brune, S., Knollenberg, W., **Stevenson, K. T.**, Reilly, C., & Barbieri, C. (2020). Beyond attitudes change: Agritourism as a setting to explore tourism experiences' impact on intended behaviors. *Proceedings of 20/20 Vision Looking Forward, Looking Back:* 51<sup>st</sup> Annual International Conference of Travel and Tourism Research Association, Victoria (CA).
- 5. Brune, S., Knollenberg, W., **Stevenson, K. T.,** & Barbieri, C. (2019). Picking pumpkins, changing behaviors: How agritourism can influence consumer behavior towards local foods (abstract). Proceedings of Advancing Tourism Research Globally: 50th Annual International Conference

- of Travel and Tourism Research Association, Melbourne (AU). Available at: https://scholarworks.umass.edu/ttra/2019/grad\_colloquium/6/
- 4. Barbieri, C., **Stevenson, K. T.,** Knollenberg, W. & *Brune*, S. (2019). Sowing the seeds of a local foods revolution: Agritourism as an agent of change. In Caton, K., & Munar, A. (Eds.), *Book of abstracts of Pride and Prejudice Que(e)rying Tourism Hope:* Critical Tourism Studies 8, Ibiza, Spain. Available at: https://www.criticaltourismstudies.info/proceedings
- 3. Brune, S., Knollenberg, W., **Stevenson, K. T.**, Grether, E., & Barbieri, C. (2018). Introducing a framework to assess agritourism's impact on agricultural literacy and consumer behavior towards local foods. *Proceedings of Encouraging Innovation in the Universe of Tourism Research*: 49th Annual International Conference of Travel and Tourism Research Association, Miami/Coral Gables, FL.
- 2. Brune, S., Knollenberg, W., **Stevenson, K. T.**, Grether, E., & Barbieri, C. (2018). Proposing an instrument to measure the influence of agritourism on consumer behavior toward local food. *Proceedings of Anchored in Tourism:* Inaugural Southeast Tourism Society Conference of the Southeast Chapter of the Travel and Tourism Research Association, Myrtle Beach, SC.
- 1. Curry, K. W., Jr., Warner, W., & Park, T. D., & **Stevenson, K. T.** (December 2015). Building environmental literacy of NC pre-service agriculture teachers: The effect of a project learning tree (PLT) workshop. *Proceedings of the Association for Career & Technical Education Research*, New Orleans, LA.

# **Book chapters**

- 2. **Stevenson, K. T.,** Lawson, D. F., Peterson, N. P, & Biner, S. (2020). In Henderson, J. & Drewes, A. (eds.), *Teaching Climate Change in the United States* (pp. 11—28). New York: Routledge Environment and Sustainability.
- 1. Carrier, S. J., & **Stevenson, K. T.** (2017). Children Experiencing the Outdoors. In E. Kimonen & R. Nevalainen (Eds.), Reforming Teaching and Teacher Education (pp. 67–88). Rotterdam: SensePublishers. DOI:10.1007/978-94-6300-917-1\_3

# Research-Based Writing for Children

- 2. Peterson, M.N., Shapiro, H.G., **Stevenson, K. T.,** McNair, K.F., & Langerhans, R.B. (2020). What animals do kids care about and why does it matter? *Frontiers for Young Minds*. DOI: 10.3389/frym.2020.00014
- 1. **Stevenson, K. T.** (2020). Prairie Ridge Ecostation: Prairie in the City. In Smith, A.C. & Carrier, S.J. (eds.), *Thirty Great North Carolina Science Adventure: From Underground Wonderlands to Islands in the Sky ad Everything in Between* (pp. 129—136). Chapel Hill: UNC Press.

# **Popular Press Articles**

4. \*Szczytko, R. E., & **Stevenson, K. T.** (2017). How Kids Learn in Nature. *Parks & Recreation Magazine*. May 2017: 36-37.

 Stevenson, K. T., & Lawson, D. F. (2016). Climate Change Communication Challenges: Including Kids in Solutions. *Coastwatch*. Retrieved from <a href="https://ncseagrant.ncsu.edu/coastwatch/previous-issues/2016-2/holiday-2016/climate-change-communication-challenges-including-kids-in-solutions/">https://ncseagrant.ncsu.edu/coastwatch/previous-issues/2016-2/holiday-2016/climate-change-communication-challenges-including-kids-in-solutions/</a>. 28 Jan 2017.

- Stevenson, K. T. (2013). Taking Kids Outside Matters: Promoting Environmental Literacy in North Carolina. *Coastwatch*. Retrieved from <a href="http://www.ncseagrant.org/home/coastwatch?task=showArticle&view=listarticles&id=812&r44b=no">http://www.ncseagrant.org/home/coastwatch?task=showArticle&view=listarticles&id=812&r44b=no</a>
- Peterson, M. N., Stevenson, K. T., Strnad, R. L., Moore, S. E., & Bondell, H. D. (2013, September 13). A teacher's Masters degree equals more math learning for students. *News & Observer*. Raleigh, NC. Retrieved from <a href="http://www.newsobserver.com/2013/09/13/3192034/a-teachers-masters-degree-equals.html">http://www.newsobserver.com/2013/09/13/3192034/a-teachers-masters-degree-equals.html</a>

## **Selected Media Interviews and Quotes**

Below represent a sample of features in which I was interviewed or quoted directly. In addition, I estimate my labs' work has been featured in 70-100 media articles, radio programs, or social media posts, including dozens of interviews by my first doctoral student graduated (see tinyurl.com/NCC-media).

- 8. Milman, O. (2020, November 2). "Climate crisis breaks open generational rifts in US families." *The Guardian*. https://www.theguardian.com/environment/2020/nov/02/climate-crisis-differences-old-and-young-families. Accessed 24 February 2020.
- 7. Bynam, S. (2019, September 12). "SkyDay Project Targets Artists, Scientist and Students to Tackle Climate change." *Worldview,* Minnesota Public Radio. https://www.wbez.org/shows/worldview/skyday-project-targets-artists-scientists-and-students-to-tackle-climate-change/e16bc4b6-ab57-4353-b18c-cf59e59b9cc6. Accessed 16 November 2019.
- 6. Bonner, L. (2019, May 22). "Kids can change parents' minds about climate change, researchers say." *Raleigh News and Observer.* https://www.newsobserver.com/news/politics-government/article230518504.html. Accessed 16 November 2019.
- 5. Brookshire, B. (2016, September 13). "Teachers talk about climate change, and kids are listening." Eureka! Lab, Michigan Public Radio. https://www.sciencenewsforstudents.org/blog/eureka-lab/teachers-talk-about-climate-change-and-kids-are-listening. Accessed 3 July 2018.
- 4. Harmon, A. (2016, Jun 4). "Climate Science Meets a Stubborn Obstacle: Students." New York Times. https://www.nytimes.com/2017/06/04/us/education-climate-change-science-class-students.html?\_r=0. Accessed 3 July 2018.
- WUNC. (2016, May 5). Morning Edition Local News Segment. https://kathrynstevenson.wordpress.ncsu.edu/npr-coverage-of-latest-climate-change-article/. Accessed 11 July 2018.
- 2. Appell, D. (2015, February 19). "Teens Learn about Climate Change." Yale Climate Connections. http://www.yaleclimateconnections.org/2015/02/teens-learn-about-climate-

change/. Accessed 3 July 2018.

 Mooney, C. (2014, October 8). "Maybe you can change people's minds about climate change after all." Washington Post https://www.washingtonpost.com/news/wonk/wp/2014/10/28/maybe-you-can-changepeoples-minds-about-climate-change-after-all/?noredirect=on&utm\_term=.fdbc10ca4237. Accessed 3 July 2018.

# **Selected Scholarly Presentations (172 total)**

The table below represents all the presentations I have given, followed by the details of select presentations that illustrate a diversity of presentation types and settings.

	International	National	Regional
Keynotes and plenaries	3	0	1
Other invited presentations	7	3	12
Refereed oral presentations	41	13	41
Refereed poster presentations	16	9	26
Total	67	25	80

## **Keynotes and Plenaries**

### International

- 3. Peterson, M. N., Lawson, D. F., & **Stevenson**, **K. T.** (2019, May 8). Nicholson Endowment Distinguished Science Lecture. Invited keynote lecture, Umeå, Sweden.
- McKensie, M. (moderator), Stevenson, K. T., Gould, R., Clark, C., Aguilar, A., & Pierce, C. (2018, October). New Horizons in EE research. Invited panelist for the opening plenary for the 15<sup>th</sup> Annual Research Symposium of the North American Association for Environmental Education. Spokane, WA.
- 1. Kayira, J., **Stevenson, K. T.,** Phukan, I., & Reid, A. (2016, October). *Reflections on pushing boundaries*. Invited panelist for closing plenary for the 14<sup>th</sup> Annual Research Symposium of the North American Association for Environmental Education. Madison, WI.

# Regional

1. **Stevenson, K. T.,** Clark, C. R., & Busch, K. C. (2019, October). *Reflections on the Environmental Education Research Field*. Invited panelist for opening plenary of the 5<sup>th</sup> Annual Research Symposium of the Environmental Educators of North Carolina. Gastonia, NC.

## **Other Invited Presentations**

### International

4. \*Reilly, C., **Stevenson, K. T.,** Brune, S., Knollenberg, W., & Barbieri, C. (2020). *Creating a new normal: Intergenerational pathways to address environmental issues.* Invited panel presentation at the North American Association for Environmental Education Research Symposium, Tucson, AZ.

3. Barbieri, C., Brune, S., **Stevenson, K. T.**, & Knollenberg, W., & Reilly, C. (2019, November). Agritourism as a catalyst to increase knowledge and consumption of local foods: Truth or Myth? Faculty Seminar, Department of Applied Economy, Universidad de las Islas Baleares – Palma (Spain).

- Chawla, L., moderator; Bodwell, A., Monroe, M. C., Khalil, K., Kermish-Allen, R., & Stevenson, K. T. (2019, October). The Legacy of Carol Saunders: Conservation Psychology and Environmental Education. Invited at the 16<sup>th</sup> Annual Research Symposium of the North American Association for Environmental Education. Lexington, KY.
- 1. Peterson, M. N., Szczytko, R. E., **Stevenson, K. T.**, Bondell, H. D., & Chesonis, T. (2018, April 12). *Predicting recreational pathways to connection to nature among youth.* Bioscience Symposium. Aarhus University, Aarhus Denmark.

### National

- 3. \*Lawson, D. F., **Stevenson, K. T.,** Peterson, M. N., Carrier, S. J., Strnad, R. L., Seekamp, E., Hartley, J. M., DeMattia, E. A., Busch, K. C., Brune, S., Barbieri, C., Knollenberg, W., & Reilly, C. (2019, September). *Intergenerational learning: Can younger generations help us work towards a more sustainable future?* University of Minnesota Duluth. Department of Biology Seminar Series. Duluth, MN.
- 2. **Stevenson, K. T.,** Peterson, M. N., Lawson, D. F., Szczytko, R. E., & Strnad, R. L. (March, 2018). *How Children can Help Solve Our Conservation Challenges*. University of Maine Department of Wildlife Ecology Seminar Series. Orono, ME.
- Peterson, M. N., Stevenson, K. T., Dunn, R. R., Szczytko, R. E., & Strnad, R. L. (2018, October). Conservation Biology and Kids. Invited talk at the 16<sup>th</sup> annual Natural Learning Design Institute. Raleigh, NC.

# Regional

- 4. Brune, S., Knollenberg, W., **Stevenson, K. T.**, & Barbieri, C. (2019, January). *Strengthening Local Food Systems Through Children: Preliminary Findings*. Education Committee, NC Association of Soil & Water Conservation Districts 75th Annual Meeting, Durham, NC.
- 3. **Stevenson, K. T.,** Peterson, M. N., Strnad, R. L., Carrier, S. J., Busch, K. C., Demattia, E. A., Bondell, H. D., Lawson, D. F., & Hartley, J. M. (2018, October). Building Environmental Literacy (Research). Invited panelist on Environmental Literacy and Workforce Development panel for NOAA federal site review of NC Sea Grant. Raleigh, NC.
- 2. Vandenbergh, M. (moderator)., **Stevenson, K. T.**, Rivers, L., Galik, C., & Delbourne, J. (2017, December). *Catalyzing climate solutions in a time of public gridlock*. Panel presentation for the Global Change Fellows speaker series, Raleigh, NC.
- 1. **Stevenson, K. T.** (2014, November). *Climate adaptation through education.* Invited panelist at the Symposium for the 85<sup>th</sup> Anniversary of the North Carolina State University College of Natural Resources, Raleigh, NC

## **Refereed Oral Presentations**

## International

 McCann, E., Askew, K., Kayira, K., Braun, S., Stevenson, K. T., & Clark, C. (2022, October). (Re)defining Roles and Responsibilities in Equitable, Inclusive Evaluation. 51st Annual Conference for the North American Association of Environmental Education (NAAEE). Tucson, AZ.

- Finnegan, B., Monroe, M. C., Reid, A., & Stevenson, K. (2022, October). Anxiety, Hope, Action: An international roundtable on emotionally-mediated education for climate action.
   19<sup>th</sup> Annual Research Symposium for the North American Association of Environmental Education (NAAEE), Tuscson, AZ.
- 9. **Stevenson, K.**, Lawson, D., Reilly, C., Gibson, L. (2021, June). *Potentials and Pitfalls of Child-to-Adult Intergenerational Learning Around the Environment*. Generations United 2021 Virtual Intergenerational Conference. Virtual.
- 8. \*Reilly, C. A., Lawson, D. F., \*Hartley, J. M., **Stevenson, K. T.** (2020, October). *Creating a New Normal: Intergenerational Pathways to Address Environmental Issues.* 49th Conference for the North American Association of Environmental Education. Virtual.
- 7. \*Reilly, C., **Stevenson, K. T.**, Brune, S., Knollenberg, W., & Barbieri, C. (2020, June). *Growing our future: Agricultural literacy among North Carolina youth & their families [Panel presentation*]. International Symposium for Society and Resource Management, Cairns, Australia. (Conference cancelled)
- 6. Brune, S., **Stevenson, K. T.**, Knollenberg, W., & Barbieri, C. (2019, June). *Picking pumpkins, changing behaviors: How agritourism can influence consumer behavior towards local foods.* Oral presentation at the Travel and Tourism Research Association (TTRA), Melbourne, Australia
- 5. **Stevenson, K. T.,** Peterson, M. N., Carrier, S. J., Szczytko, R. E., & Bondell, H. D. (2018, October). *Leveraging environmental educations' catch up effect.* 15<sup>th</sup> Annual Research Symposium of the North American Association for Environmental Education. Spokane, WA.
- 4. Lawson, D. F., **Stevenson, K. T**., Peterson, M. N., Carrier, S. J., & Strnad, R. L. (2018, July). *Intergenerational transfer as a solution to climate change based anti-reflexivity*. 24th Annual International Symposium on Society and Resource Management. Salt Lake City, UT.
- 3. \*Szczytko, R. E., **Stevenson, K. T.**, Peterson, M. N., Carrier, S. J., & Strnad, R. L. (2017, June). *Relationships between children's outdoor activities and environmental attitudes by gender and race: Alone time outside predicts positive environmental attitudes*. International Symposium for Society and Natural Resource Management, Umea, Sweden.
- 2. **Stevenson, K. T.**, Olson, R. A., Szczytko, R. E., Strnad, R. L., Peterson, M. N., (2016, October). *Creating evaluation and research partnerships with higher education: lessons learned.* 45th Annual North American Association for Environmental Education Conference, Madison, WI.
- \*Shapiro, H. G., Peterson, M. N., **Stevenson, K. T.**, Frew, K. N., & Langerhans, R. B. (2016, October). *Differing wildlife species preferences among children in continental and island locations*. 23<sup>rd</sup> Annual Meeting of The Wildlife Society, Raleigh, NC.

## National

5. Reas, Julianne., Gibson, L., Beall, J., **Stevenson, K.**, Larson, L. (2022). Nature or the outdoors? Understanding the power of language in elementary school students' self-reported connection to nature. Paper scheduled to be presented at the 2022 National Environment and Recreation Research Symposium; April 3-5, 2022. Annapolis, MD.

- 4. \*Holley, D. T., **Stevenson, K. T.**, & Park, S. (2019, March). *Integration of science disciplinary core ideas and environmental education practices.* National Association for Research in Science Teaching (NARST) Annual Meeting, Baltimore, MD.
- 3. Pedrozo, C., Larson, L., Cooper, C., **Stevenson, K. T.**, & Kays, R. (2018, April). *Impacts of a wildlife-monitoring experience on citizen science volunteers*. 30<sup>th</sup> National Environment & Recreation Research Symposium. Annapolis, MD.
- 2. \*Holley, D., Park, S., **Stevenson, K. T.,** (2018, November). *Teaching physical science with an environmental education lens*. National Association of Science Teachers. Charlotte, NC.
- 1. Carrier, S. J., **Stevenson, K. T**., & Peterson, M. N. (2015, January). *Supporting environmental literacy in elementary classrooms: Obstacles and solutions*. Association for Science Teacher Education (ASTE). Portand, OR.

# Regional

- 8. <u>Higgins, K. M.,</u> \*Hartley, J. M., **Stevenson, K. T.,** Peterson, M. N., DeMattia, E. A., Strnad, R. L., Busch, K. C., & Carrier, S. A. (2020, September). *Intergenerational Learning: Youth Leading Their Communities*. Environmental Educators of North Carolina Annual Conference. Virtual.
- 7. McDow, K., \*Hartley, J. M., **Stevenson, K. T.**, & Peterson, M. N., DeMattia, E. A., Strnad, R. L., Busch, K. C., Carrier, S. A. (2020, September). *Litter-ally Making Changes: Teachers Becoming Ambassadors for Youth-Led Civic Engagement*. Environmental Educators of North Carolina Annual Conference. Virtual.
- 5. <u>Poston, A.,</u> \*Hartley, J. M., **Stevenson, K. T.,** & Peterson, M. N., DeMattia, E. A., Strnad, R. L., Busch, K. C., Carrier, S. A. (2020, September). *Emboldening teachers' confidence through marine debris-based citizen science curriculum*. Environmental Educators of North Carolina Annual Conference. Virtual.
- 4. Ennes, M., **Stevenson, K. T.**, Peterson, M. N., & Lawson, D. F. (2017, September). *Teacher's decision making regarding attending climate change professional development opportunities*. Environmental Educators of North Carolina Annual Conference. Fuquay Varina, NC.
- 3. **Stevenson, K. T.**, Peterson, M. N., & Monroe, M. C. (2016, September). *Framing climate change to promote action among agriculture students*. 25<sup>th</sup> Annual Environmental Educators of North Carolina Conference, Black Mountain, NC.

2. Clark, K. E., Peterson, M. N., **Stevenson, K. T.,** & DiColandrea, N. (2016, September). Evaluation of an AmeriCorps state program: An assessment of the experiences of AmeriCorps members and organizational partners and the efficacy of environmental education. 25<sup>th</sup> Annual Environmental Educators of North Carolina Conference, Black Mountain, NC.

1. Valdez, R. X., Peterson, M. N., & **Stevenson, K. T.** (2016, September). *From conversation to action: Motivating adolescents towards climate change mitigation behaviors.* Carolina Climate Resilience Conference (CCRC), Charlotte, NC.

## **Refereed Poster Presentations**

## International

5. \*Jackson, S.B., **Stevenson, K.T.**, Larson, L.R., Peterson, N.M., & Seekamp, E. (2021, October). *Connection to Nature Boosts Adolescents' Mental Well-being During COVID-19*. North American Association for Environmental Education Annual Research Symposium (virtual).

- 4. \*Hartley, J. M., **Stevenson, K. T.,** Busch, K. C., DeMattia, E., Strnad, R. L., Carrier, S. J., & Lawson, D. F., (2019, October). *Intergenerational learning beyond the immediate family: Students as environmental change agents*. 16<sup>th</sup> Annual Research Symposium of the North American Association for Environmental Education. Lexington, KY.
- 3. \*Brune, S., Knollenberg, W., **Stevenson, K. T.**, Grether, E. K., & Barbieri, C. (2018, June). Introducing a framework to assess agritourism's impact on agricultural literacy and consumer behavior towards local foods. Travel and Tourism Research Association International Conference (TTRA), Miami, FL.
- 2. \*Szczytko, R., **Stevenson, K. T,** Peterson, M. N., Carrier, S., & Strnad, R. L. (2017, June) *Impacts of environmental education on students with emotional and behavioral disabilities*.

  International Symposium for Society and Natural Resource Management, Umea, Sweden.
- Curry, K.W., Jr., Szczytko, R., Stevenson K. T, Warner, W., & Park, T.D. (2016, June). Environmental literacy and student performance: Lessons learned from a professional development intervention. 2016 North American Colleges and Teachers of Agriculture Conference, Honolulu, HI.

## National

- 4. \*Reilly, C., **Stevenson, K. T.,** Brune, S., Warner, W., Knollenberg, W., & Barbieri, C. (2020, May) *Agricultural literacy: The influence of family and identity among youth*. American Association for Agricultural Education Annual Conference, Oklahoma City, OK. (Virtual)
- 3. \*Jackson, S. B., **Stevenson, K. T.**, Peterson, M. N., Larson, L., & Carrier, S. (2018, April). Capturing long-term impacts of the Muddy Sneakers environmental education program through qualitative interviews and a longitudinal snapshot survey. National Environment & Recreation Research Symposium. Annapolis, MD.
- 2. \*Jackson, S. B., Larson, L., Fry, E., Bambard, K., Schuttler, S., May, A., **Stevenson, K. T.**, Cooper, C., & Kays, R. (2019, March). *A Preliminary Look at the Impacts of Candid Critters in the Classroom*. Conference of the Citizen Science Association. Raleigh, NC.
- Brune, S., Knollenberg, W., Stevenson, K. T., Grether, E., & Barbieri, C. (2018, June).
   Introducing a framework to assess agritourism's impact on agricultural literacy and consumer behavior towards local foods. 49<sup>th</sup> Annual International Conference of Travel and Tourism Research Association, Miami/Coral Gables, FL.

# Regional

4. Jewell, K. L., Peterson, M. N., Martin, M., Terando, A., & **Stevenson, K. T.** (2020, February). How decision makers view the shift of wildlife conservation challenges in the Southeast

- *United States*. North Carolina Chapter of The Wildlife Society Annual Meeting. Browns Summit, NC.
- 3. Brune, S., **Stevenson, K. T**, Knollenberg, W., Barbieri, C., & Schroeder-Moreno, M. (2019, March). *Agritourism as a strategy to influence consumer behavior towards local food.* Graduate Research Symposium. North Carolina State University, Raleigh, NC
- \* Pedrozo, C., Larson, L. R., & Stevenson, K. T. (2018, September). Measuring children's emotional responses to wildlife. Environmental Educators of North Carolina (EENC), Durham, NC; September 27-29
- 1. \*Szczytko, R. E., **Stevenson, K. T,** Peterson, M. N., Carrier, S., & Strnad, R. (2017, April). *Impacts of environmental education on students with emotional and behavioral disabilities.* 12<sup>th</sup> Annual Graduate Student Research Symposium, Raleigh, NC.

### **Awards and Honors**

Alumni Distinguished Research Award nominee (2023)

University Faculty Scholar (2022)

Goodnight Early Career Innovator Award (2021)

NC State Graduate Mentor Award nominee (2020)

USDA NIFA Postdoctoral fellowship (2016)

Professional Development Award, NC State Office of Postdoctoral Affairs (2016)

Namkoomg Family Graduate Fellowship for Excellence in Conservation and Ethics, NC State Department of Forestry & Natural Resources (2014) - This award is the top award given to graduate students for outstanding research, teaching, and service.

Honorable Mention, Graduate Research Fellowship, National Science Foundation (2013)

Best Poster, NCSU FER & MEAS Graduate Research Symposium (2013)

William B. Stapp Scholarship, NAAEE Stapp Fund (2011, 2012 & 2013) – competitive national scholarships based on commitment to and potential in EE

## **FUNDING**

	Submitted (\$)	Pending (\$)	Awarded (\$)
As PI:	\$2,141,825	\$145,000	\$1,195,720
As co-PI:	\$3,632,066	\$0	\$1,129,863
Total:	\$5,773,889	\$145,000	\$2,381,583

# Awarded External Proposals (Total \$2,381,583)

15. **Stevenson, K. T.,** Askew, K., Braun, S., Clark, C., Kayira, J., McCann, E., & Teacher, A. (August 2022 – July 2024). Supporting environmental education value-added learning (eeVAL) through network building and activation. Pisces Foundation. Grant amount: \$516,000.

14. **Stevenson, K. T.**, Busch, K. C., DeMattia, E. M., & Peterson M. N. (February 2022 – January 2024). Developing a Model for Supporting Coastal Resilience through Youth-led Coproduction. NC Sea Grant Amount: \$120,000

- 13. Stevenson, K. T., & Cutts B. B. (July 2021-June 2022). Building disaster resilience through youth-led community conversations. NC Sea Grant Amount: \$25,000.
- 12. **Stevenson, K. T.,** & Busch, K. C. (January 2020-December 2021). Building culturally responsive and equitable EE evaluation. Pisces Foundation. Amount: \$300,000 (\$29,626 to NC State)
- 11. **Stevenson, K. T.**, Peterson, M. N., Busch, K. C., DeMattia, E. A., Lawson, D. F., & Carrier, S. E. (February 2020 January 2022). Strengthening community networks for environmental learning and resilience through children. NC Sea Grant. Amount: \$119,998.
- 10. Busch, K. C., **Stevenson, K. T**., Larson L. R. & Yelton, C. Building capacity for collective evaluation among North Carolina Science Museums. Institute of Library & Museum Sciences. Amount: \$465,149 (\$375,750 to NC State).
- 9. **Stevenson**, K. T., DeMattia, E. A., Peterson, M. N., Strnad, R. L., Carrier, S. E., & Busch, K. C. (February 2018 January 2020). Improving environmental decision making in coastal communities through giving children a voice: Building science literacy, civic engagement, and coastal resilience through K-12 citizen science. North Carolina Sea Grant. Amount: \$119,998.
- 8. Larson, L. R., **Stevenson, K. T.,** Cooper, C. B., & Kays, R. W. (August 2017 July 2019). Amount: Evaluating learning and conservation activities of volunteers in the candid critters citizen science project. Wildlife Resources Commission. \$73,580.
- 7. **Stevenson, K. T.,** Leong, Y. F., & Strnad, R. L. (May 2017 December 2017). Creating resource stewardship: Data & K-12 curriculum for sustainable wild horse-visitor dynamics. National Park Service. Amount: \$87,145.
- Barbieri, C. E., Stevenson, K. T., & Knollenberg, W. G. (September 2017 August 2021).
   Strengthening local food systems through children: The role of agritourism in agricultural literacy and purchasing behaviors of local foods. USDA NIFA. Amount: \$499,536.
- 5. **Stevenson, K. T.,** Peterson, M. N., Strnad, R. L., Carrier, S. E., & Bondell, H. D. (February 2016 January 2018). Fostering climate literacy and coastal hazard resilience in coastal communities through k-12 education. North Carolina Sea Grant. Amount: \$99,966.
- 4. **Stevenson, K. T.,** Peterson, M. N., Strnad, R. L., Carrier, S. E., & Bondell, H. D. (February 2016 January 2018). Student support for fostering climate literacy and coastal hazard resilience in coastal communities through K-12 education. North Carolina Sea Grant. Amount: \$50,000.
- 3. **Stevenson, K. T**. (January 2016 December 2017). Ensuring readiness for climate variability and change by leveraging the power of younger generations. USDA AFRI NIFA Postdoctoral Fellowship. Terminated August 2016 upon acceptance of faculty position. Amount: \$149,997.
- 2. **Stevenson, K. T.**, Peterson, M. N., Strnad, R. L., Carrier, S. E., Bondell, H. D., Neitfeld, J., & Moore, S. E. (August 2015 July 2017). Evaluation of the Muddy Sneakers program impacts on environmental literacy among fifth grade students. Muddy Sneakers. Amount: \$40,100.
- Peterson, M. N., Stevenson, K. T., Strnad, R. L., Carrier, S. E., Bondell, H. D., & Moore, S. E. (February 2014 – January 2016). Building ocean and climate literacy in North Carolina through a Project WILD climate literacy module. NC Sea Grant. Amount: \$99,997.

## Awarded Internal Proposals (Total \$53,800)

3. Peterson, M. N., Larson, L. R., **Stevenson, K. T.,** & Seekamp, E. (August 2020–December 2021). Wildlife conservation communication in the context of COVID-19. Southeastern Climate Adaptation Science Center. Amount: \$43,000

- 2. **Stevenson, K. T.**, Busch, K. C., & Cutts, B. B. (July 2019 June 2020). Defining and Measuring Community-Level Learning to Support Environmental and Science Education Innovation. NC State University. Amount: \$5,800.
- 1. **Stevenson, K. T.**, Peterson, M. N., & Strnad, R. L. (July 2018 June 2019). Developing a long-term partnership for research, evaluation & engaged learning in environmental education. Faculty Research & Professional Development Grant. NC State University. Amount: \$5,000.

# Pending Proposals (Total \$145,000)

- 2. **Stevenson, K. T.**, DeMattia, E. A., Busch, K. C., Peterson, M. N. (full proposal invited). Empowering Youth to Build Community-Level Environmental Literacy for Resilient Coastal Communities. NC Sea Grant. Amount: \$120,000.
- 1. **Stevenson, K. T.,** Vayer, D., & Cutts, B. B. Building coastal resilience through youth-led community conversations. NC Sea Grant. Amount: \$25,000.

## **Selected Unfunded Proposals**

- 5. **Stevenson, K. T.**, & DeMattia, E. A., Cawley, M., & Bryant, A. (Submitted March 2022). Community READY: Building community resilience through education and action lead by youth. Proposal to the NOAA Environmental Literacy Program. Amount: \$500,000.
- 4. Cagle, N., Demattia, E., **Stevenson, K. T.**, & Harris, A. (Submitted November 2019). Water Pathways, and AISL Pilot & Feasibility Study. National Science Foundation. Amount: \$299,904.
- 3. **Stevenson, K. T.,** Strnad, R. L., Carrier, S. E., & Larson, L. R. (Submitted May 2018). Fostering lifelong engagement with science and the environment through nature-based instruction. Spencer Foundation. Amount requested: \$49,922.
- 2. Casper, J., **Stevenson, K. T.,** & Bunds, K. (Submitted May 2018). Protect our mascot, protect our climate: Reaching right-learning voters through sport. Climate Advocacy Lab. Amount requested: \$38,500.
- 1. Park, S. E., Evans, M. A, Money, E. S., Bunds, K. S., Mitasova, H. Painter, J. & **Stevenson, K. T.** GISTT: A Geospatial Institute for Students, Teachers & Technology. National Science Foundation. Amount requested: \$1,199,099.

# **TEACHING & MENTORING**

# **STUDENT MENTORING**

# **Undergraduate Mentoring**

# **Individual projects**

Name	Project	Major	Year
Katelyn Higgins	How children can motivate local elected officials to address marine debris	Environmental Science	2020
Anna Poston	Emboldening teachers' confidence through marine debris-based citizen science curriculum	Fisheries, Wildlife & conservation Biology	2020
Hannah Shapiro	Comparison of biodiversity conservation preferences between children in NC and the Bahamas	Fisheries, Wildlife & Conservation Biology	2016
Megan Owens	Evaluation of environmental education programs in Trinidad	Fisheries, Wildlife & Conservation Biology	2016
Amy Bradshaw	How teacher beliefs about climate change relate to those of their students	Zoology	2016
Tessa Chesonis	How hunting predicts biodiversity knowledge among elementary school students	Fisheries, Wildlife & Conservation Biology	2015
Ross Pilote	Factors related to climate change risk perceptions toward society and wildlife among wildlife undergraduate students	Fisheries, Wildlife & Conservation Biology	2014

# Undergraduate students supervised as research lab members

Hanne Parks (2022), Sarah Kremitz (2019-2022), Katelyn Higgins (2018-21), Anna Poston (2019-21), Courtney Kirberger (2019-21), Adrian Chamberlain (2020), Mary Helmer (2019-20), Savannah Paliotti (2020-21), Nicholas Moore (2020), Tommy Fairbairn (2020), Sasha Pereira (2020-21)

**Graduate Mentoring** 

# **Graduate Student Committees Chaired**

Current students (1)	Degree	Major	Expected Graduation
Sarah Yelton	Ph.D.	Fisheries, Wildlife & Conservation Biology	May 2025
Former students (9)	Degree	Major	Graduation
Julianne Reas <sup>1</sup>	M.S.	Parks, Recreation & Tourism Management	May 2023
Lauren Gibson	Ph.D.	Parks, Recreation & Tourism Management	May 2023
Hannah Mazeski²	M.S.	Parks, Recreation & Tourism Management	Aug 2022
Jenna Hartley	Ph.D.	Parks, Recreation & Tourism Management	May 2022
Zhenzhen Zhang³	Ph.D.	Forestry & Environmental Resources	Dec 2021
Brent Jackson	Ph.D.	Parks, Recreation & Tourism Management	Aug 2021
Caitlin Reilly	M.S.	Parks, Recreation & Tourism Management	May 2021
Danielle Lawson <sup>4</sup>	Ph.D.	Parks, Recreation & Tourism Management	May 2018
Rachel Szczytko <sup>4</sup>	M.S.	Parks, Recreation & Tourism Management	Dec 2017

<sup>&</sup>lt;sup>1</sup>Co-Chair with Yu-Fai Leung (Parks, Recreation & Toursim Management)

# **Graduate Committee Member**

Current students (5)	Degree	Major	Expected Graduation
Dana Haine	Ph.D.	STEM Education	May 2025
Stephanie Fiocca	Ph.D.	Teacher Education and Learning Sciences	May 2024
Jill McGowan	Ph.D.	Teacher Education and Learning Sciences	May 2024
Aparajita Rajwade <sup>1</sup>	Ph.D.	STEM Education	May 2022
Regina Chavez <sup>1</sup>	Ph.D.	STEM Education	May 2022
Halley Smith	Ph.D.	Fisheries, Wildlife & Conservation Biology	Aug 2023
Former students (13)	Degree	Major	Graduation
Molly McKenna	M.S.	Parks, Recreation & Tourism Management	May 2022
Megan McDevitt	M.S.	Education (Western Carolina University)	May 2022
Kathryn Jewell	M.S.	Fisheries, Wildlife & Conservation Biology	May 2021

<sup>&</sup>lt;sup>2</sup>Co-Chair with Bethany Cutts (Parks, Recreation & Toursim Management)

<sup>&</sup>lt;sup>3</sup>Co-Chair with Katie Martin (Forestry & Environmental Resources) and Yuan Yao (Forest Biomaterials)

<sup>&</sup>lt;sup>4</sup>Co-Chair with Nils Peterson (Forestry & Environmental Resources)

Dorothy Holley <sup>1</sup>	Ph.D.	STEM Education	May 2021
Sam Ford	MNR	Natural Resources	Dec 2020
Sara Brune Arita	Ph.D.	Parks, Recreation & Tourism Management	Dec 2020
Graise Lee	Ph.D.	Fisheries, Wildlife & Conservation Biology	Dec 2020
Victoria Vayer	M.S.	Fisheries, Wildlife & Conservation Biology	Dec 2020
Shannon George	Ph.D.	STEM Ed	May 2020
Lauren Lintz	MNR	Natural Resources	May 2019
Charmaine Pedrozo	M.S.	PRTM	May 2019
Megan Ennes	Ph.D.	STEM Ed	May 2019
Roberta Hunter	Ph.D.	Education; Rutgers University	May 2019
Emily Cayton <sup>1</sup>	Ph.D.	STEM Ed	May 2018
Kalysha Clark	M.S.	FWCB	Dec 2017

<sup>&</sup>lt;sup>1</sup>Minor Advisor

### **Awards to Graduate Advisees**

- Hartley, J. M., 2020-21 Phi Beta Phi Dissertation Completion Grant (\$10,000)
- Hartley, J. M., 2019-20 Outstanding PhD student. Department of Parks, Recreation and Tourism Management, NC State University.
- Zhang, Z., WRRI Graduate Student Fellowship (\$10,000). Green Infrastructure in Schools: Creating a network for stormwater management and student engagement and well-being.
- Hartley, J. M., Dr. Nancy Foster Scholarship (\$168,000). National Oceanic and Atmospheric Administration.
- Lawson, D. F., 2<sup>nd</sup> Place in 2019 NC State Graduate School Research Symposium poster competition.
- Lawson, D. F., AFRI NIFA Postdoctoral Fellowship (\$165,000). United States Department of Agriculture.
- Hartley, J. M., Full student scholarship (\$170). 2019 National Environment & Recreation Research Symposium (NERR).
- Jackson, S. B., Full student scholarship (\$170). 2019 National Environment & Recreation Research Symposium (NERR).
- Lawson, D. F., 2017-18 Outstanding PhD student. Department of Parks, Recreation and Tourism Management, NC State University.
- Lawson, D. F., 1st Place in Three Minute Thesis Competition (tie with Hartley), 2019 College of Natural Resources Graduate Research Symposium, \$1000 to student, \$750 to advisor
- Hartley, J. M., 1<sup>st</sup> Place in Three Minute Thesis Competition (tie with Lawson), 2018 College of Natural Resources Graduate Research Symposium, \$750 to student, \$500 to advisor
- Jackson, S. B., 2<sup>nd</sup> Place in Poster Competition, 2018 CNR Graduate Research Symposium, \$750 to student, \$500 to advisor
- Lawson, D. F., Southeastern Climate Science Center Fellow, 2018-19, \$24,240
- Lawson, D. F., Beth Evelyn Wilson Professional Development Scholarship, 2018, \$1000
- Lawson, D. F., University Graduate Student Association Travel Award, 2018, \$1500

- Lawson, D. F., Southeastern Climate Science Center Fellow, Spring 2018, \$15,563
- Lawson, D. F., 2018 Student Conference Scholarship, Southeastern Environmental Education Alliance Conference, \$250
- Lawson, D. F., 2<sup>nd</sup> Place in Three Minute Thesis Competition, 2018 College of Natural Resources Graduate Research Symposium, \$750 to student, \$500 to advisor
- Lawson, D. F., 2017 Latin American Student Association Research Poster Award.
- Szczytko, R. E., 2016 William B. Stapp Scholarship, North American Association of Environmental Education William B. Stapp Fund, \$308.

#### **Postdoctoral Scholars Mentored**

- Danielle Lawson (June 2019 July 2020)
- Christopher Gambino (June 2019 July 2019)

## **Research Associates Mentored**

Rachel Szczytko – Environmental Education Research (January 2018 – June 2018)

# Capstone Projects Mentored

- Janet Yang, Masters in Bioethics and Science Policy, Duke University (Summer 2019)
- Hannah Williams, Masters in International Studies (Spring 2019)

# **Courses Taught**

I was granted a course release during Fall 2016, my first semester as an assistant professor and in Fall 2017 associated with Family Medical Leave. In Fall 2018, the course I offered with two other faculty (NR 595: Sustainability Solutions) did not make enrollment. The remaining semesters are reflective of my expected teaching load.

PRT 442 (Recreation & Park Interprtation) – 2017-2023

PRT 485 (Environmental Education in Practice) 2018 – 2023

PRT 575 (Children & Nature) – 2019-2022

### **Environmental Education Undergraduate Minor**

I led efforts to design and now serve as the administrator for an interdisciplinary minor in Environmental Education with colleagues in Forestry Extension and the College of Education. The minor was designed around the NC Environmental Education Certification (NCEE) program through the NC Department of Environmental Quality, which is requisite for nearly any job in environmental education, interpretation, or public-facing natural resource management jobs in the state and recognized nationally. Since approval in January 2020, the minor has around 25 students enrolled, drawing from several departments within the Colleges of Natural Resources, Education and Design.

### **Environmental Education in Practice (PRT 485)**

I designed this course as the capstone to the undergraduate minor in Environmental Education. The class offers an introduction to the field on local, state, and national levels, a survey of skills needed by environmental educators (e.g., teaching, event planning, evaluation), and a minimum of 10 contact hours in a field placement. Key course features include weekly guest speakers and attendance at the NC Association of Environmental Education Centers conference.

# Recreation & Park Interpretive Services (PRT 342)

An early contribution to this long-standing class included integrating the National Interpretation Association Certified Interpretive Guide (CIG) program, required of many interpretive staff in national and state parks, museums and aquaria, and various recreation industries (e.g., raft guides, tour guides). Students are required to generate both a personal (e.g., a talk) and non-personal (e.g., a sign) interpretive products, and I encourage students to use these assignments to contribute to community partner needs in ways that align with their interests. Example products include interpretive booths at the Songbird Festival at Bluejay Point and virtual tours of wedding venues.

# Children & Nature (PRT 575)

I developed this graduate level course to provide an overview of the quickly growing body of research around children and nature, drawing from disciplinary fields including education, health, youth development, human dimensions of natural resources and conservation, and social justice. Designed as a weekly seminar, each week features a discussion of readings around a topic and a guest speaker or field trip. Field trips showcase research in action, and the guest speakers are designed to showcase exemplar research projects and network students with potential collaborators, PhD or postdoc advisors, or employers.

### **EXTENSION**

My research and teaching activities both integrate and rely on a close relationship with and support of the practitioner community, even though I do not have a formal extension appointment.

### Selected extension and outreach presentations and workshops

- Stevenson, K. T. (coordinator), Braun, S., Chase, D., Clark, C. Ernst, J., Khalil, K., Lawson, D. F., Marcinkowski, T., Salazar, G. (2019, October). *Environmental Education Evaluation Clinic*. 49<sup>th</sup> Annual Conference of the North American Association of Environmental Education. *Audience*: Approximately 300 non-formal educators from across the country.
- 4. **Stevenson, K. T.** (coordinator), Ardoin, N., Braun, S., Busch, K. C., Chawla, L., Clark, C., Covitt, B., Kermish-Allen, R., Li, C., Marcinkowski, T., O'Connor, K., Powell, R., Ritchie, T., & Stern, M. (2019, October). *Environmental Education Evaluation Clinic*. 48<sup>th</sup> Annual Conference of the North American Association of Environmental Education. Lexington, KY. *Audience*: Approximately 50 non-formal educators from across the country.
- Stevenson, K. T., & Busch, K. C. (2018, December). Environmental Education Evaluation Workshop. Nonformal Educators Meeting. Raleigh, NC. <u>Audience</u>: Approximately 75 non-formal educators from NC.

2. **Stevenson, K. T.** (coordinator), Ardoin, N., Braun, S., Busch, K. C., Chawla, L., Clark, C., Covitt, B., Kermish-Allen, R., Li, C., Marcinkowski, T., O'Connor, K., Powell, R., Ritchie, T., Stern, M. (2018, October). *Environmental Education Evaluation Clinic*. 47<sup>th</sup> Annual Conference of the North American Association of Environmental Education. Spokane, WA. *Audience*: Approximately 50 non-formal educators from across the country.

 Stevenson, K. T., Szczytko, R.E., & Olson, R.A. How do you know if your program is working? Program Evaluation 101. (2017, December). 7<sup>th</sup> Annual North Carolina Department of Public Instruction Nonformal Educator's Meeting. Raleigh, NC. <u>Audience</u>: Approximately 80 non-formal educators

## **Curriculum Developed**

 Stevenson, K.T., Peterson, M.N., Strnad, R.L., Carrier, S.E. with the Wildlife Resources Commission and the State Climate Office of NC. Wildlife, Weather, Climate & Change curriculum. Go.ncsu.edu/wwcc. Accessed 11 July 2018

### **Consultations**

- Consultant for Land Trust Alliance K-12 education special interest group
- External evaluator for *Advancing STEM Education across North Carolina*, a \$1,000,000 grant awarded to the NC Arboretum by GlaxoSmithKline Foundation (2019-present).
- External evaluator and evaluation trainer for AmeriCorps Environmental Education Program (2016 present).
- Consultant to Environmental Educators of North Carolina on Membership Study (2018-19)

### **Extension travel awards**

- Engagement travel funding, \$500, NC State Office of Outreach and Engagement, Spring 2019
- Engagement travel funding, \$500, NC State Office of Outreach and Engagement, Fall 2018

### **Program Impacts**

A majority of my research projects include K-12 teacher professional development workshops in EE curricula. In total, this includes over 200 teachers trained to deliver EE curricula, who in turn contributed to increased environmental literacy of over 10,000 students. As many of these curricula included family and community engagement led by students, these activities also reached a minimum of 1500 parents and 500 local elected officials and other community members, fostering environmental awareness and concern among thousands of North Carolinians across generations.

Project	Extension Impacts
Strengthening local food systems through children: The role of agritourism in agricultural literacy and purchasing behaviors of local foods	Trained 19 4-5 <sup>th</sup> grade teachers in Project Food, Land & People and heled organize field trips to local farms for students for an additional 20 teachers. Associated reach of 1200 students and 500-1000 parents.

Trained 53 4-5 <sup>th</sup> grade teachers from coastal North Carolina in Marine Debris Citizen Science curriculum. Associated reach of 1500 students, 1000-1500 parents, and 500 local elected officials and other adult community members
~60 middle school science teachers participated in online training for Candid Critters wildlife curriculum. Associated reach of 3000 students
Hosted in-depth institute for 4 teachers on Cape Lookout National Seashore. 3 lesson plans developed and shared to NPS education website
Refined Wildlife, Weather, Climate & Change Curriculum (go.ncsu.edu/wwcc) and trained 18 teachers over two years, associated with approximately 1500 students and 500-1000 parents
Created Wildlife, Weather, Climate & Change Curriculum (go.ncsu.edu/wwcc) and trained 24 teachers over two years, associated with approximately 2500 students

### **SERVICE**

# **University Service**

- University Faculty Scholars nominating committee (2022)
- Nominating Committee, Goodnight Distinguished Professor of Coastal Sutainability and Director of the Coastal Resilience and Sustainability Initiative (2022)
- Nominating Committee, Dean of College of Natural Resources (2019-20)

# **College Service**

- Nominating Committee, Assistant Professor of Sustainability Science, Department of Forest Biomaterials (2022)
- Nominating Committee, Associate Dean of Research, College of Natural Resources (2020-21)
- CNR Environment First Year Program Task Force (2020)
  - Tasked with redesigning the first year curriculum for incoming CNR students, including a common seminar bringing together all CNR majors
- CNR Women & STEM symposium committee (2018-2020)
- CNR Enrichment Fund Review committee (2016)
- Environmentor (2013 2016)
  - 2015-16 mentee won Ronald Carvalho Memorial Award for excellence in Environmental Policy Research (\$2,000)
  - o 3 out of 4 mentees advanced to national competition

## **Department Service**

- PRTM Alumni Celebration Committee (2022-present)
- PRTM RPT committee (2021-present)
- PRTM Graduate Program Action Committee (2018-present)
- PRTM Undergraduate Curriculum Committee (2017-18)

## Professional service external to the University

- 18<sup>th</sup> Annual Research Symposium Co-Chair, North American Association of Environmental Education (2021, 2022)
- Researcher in Residence, Children & Nature Network Leadership Summit (2020)
- Children and Nature Network Green Schoolyards Research and Metrics advisory group, (2017 present).
- Invited Expert Contributor, Rhode Island Environmental Literacy Summit, (June 2016)
- North Carolina Environmental Education Certification Advisory Board (2019-present)
- North Carolina Environmental Literacy Plan Working Group (2012 present)

## **Professional societies**

- North American Association of Environmental Education (2011- present)
- International Association for Society and Natural Resources (2017-present)
- Association for Environmental Studies and Sciences (2016-2018)
- National Environment & Recreation Research Association (2016-present)
  - Social Chair for 2019 conference
- Environmental Educators of North Carolina (2012-present)

- Education Co-Chair 2012-2015
- o Chaired 1st Annual Conference Research symposium 2014
- Co-chaired Research symposium in 2016

### **Peer Reviewer**

### Journal editorial boards

- Leisure Sciences (2022-present). Associate editor.
- Environmental Education Research (2019-present). Editorial board.
- Journal of Environmental Education (2016- present). Editorial board.

# Grant review panels

- NOAA Environmental Literacy Grants (2020)
- Wisconsin Sea Grant (2017)

## Conference reviewer

- North American Association for Environmental Education (2016 present)
- National Environment & Recreation Research Symposium (2019-present)

#### Book reviewer

Environmental Education Outcomes, Cornell Press

# Journal referee

Biological Conservation (1) Biodiversity & Conservation (2), Climate (1 manuscript), Climatic Change (3), Climate WiRE (3), Environment & Behavior (3), Environmental Education Research (22), International Journal of Environmental Research & Public Health (2), International Journal for Science Education (2), Journal of Environmental Education (28), Journal of Environmental Studies & Sciences (2), Nature Climate Change (2), Oryx (1 manuscript), Risk Analysis (2), Sustainability (6), Society & Natural Resources (3), Wildlife Society Bulletin (3)

## Report referee

- Oxford Research Encyclopedia of Climate Science
- Social Innovation in Environmental Education Report for the North American Association of Environmental Education