

**From:** Erin Field  
**Subject:** Funded MS position in fisheries biology - East Carolina University

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A MS student position is available for a recently funded Atlantic States Marine Fisheries Commission project and provisionally funded NC Sea Grant project within the Department of Biology at East Carolina University beginning fall 2018. The successful candidate will be involved in ongoing studies to quantify river herring spawning populations in North Carolina watersheds using environmental DNA techniques. This student will have the opportunity to conduct interdisciplinary research with Drs. Erin Field, Michael Brewer, and Roger Rulifson by integrating molecular quantitative PCR methodology, field sample collection, laboratory eDNA shedding experiments, and the coordination of a citizen science network with regional K-12 and community colleges. Previous research experience in any of these areas is preferable. Prospective students must have a B.S. in biology, fisheries biology, marine science, fisheries management, or related field. The qualified candidate should be proficient in communication skills including scientific writing, oral presentations, and the ability to work well in a collaborative environment. Additional information can be found at [https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_www.ecu.edu\\_cs-2Dcas\\_biology\\_&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA\\_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLoI&m=yBvNqYy6z345ax7N4-Cmivtwu4aF-VcLLIJI2YHOXA&s=rbVlbpzQEnl-tuYx8fqwXhkPBuJaEUhUuzAI8k7yLe8&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.ecu.edu_cs-2Dcas_biology_&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLoI&m=yBvNqYy6z345ax7N4-Cmivtwu4aF-VcLLIJI2YHOXA&s=rbVlbpzQEnl-tuYx8fqwXhkPBuJaEUhUuzAI8k7yLe8&e=) .

East Carolina University is the third largest campus in the University of NC system and has an active and well-supported group of faculty working largely in the areas of ecology and evolution. Currently, there are >70 MS students and >20 doctoral students enrolled in the Department of Biology graduate programs. Additional information about the department and graduate programs can be found at [https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_www.ecu.edu\\_cs-2D&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA\\_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLoI&m=yBvNqYy6z345ax7N4-Cmivtwu4aF-VcLLIJI2YHOXA&s=WxhePTSHUKIRJzqoSusW-Bnn7B2BvqM09M\\_DocC47s&e=cas/biology/](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.ecu.edu_cs-2D&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLoI&m=yBvNqYy6z345ax7N4-Cmivtwu4aF-VcLLIJI2YHOXA&s=WxhePTSHUKIRJzqoSusW-Bnn7B2BvqM09M_DocC47s&e=cas/biology/).

Interested students should send a CV, short statement of research interests, and contact information for two references to Dr. Erin Field (fielde14@ecu.edu). Any questions can also be directed to this e-mail address. Review of applications will begin January 19, 2018.