

Class Concept

The Natural Science Research Curator II is a senior research scientist. The primary job expectation is to conduct rigorous scientific research in their area of specialty. Responsibilities may include the preparation and submission of external funding proposals; research project planning and design; data collection and analysis; and dissemination of results through professional presentations and scientific publications. Research focus may be local, regional, and/or international. The employee is typically in a leadership/supervising position within a lab-based or collection-based organizational unit and expected to administer the allocated budget and any external funds obtained. Employees engage in outreach and education activities providing expertise in their specialty area to other sections of the museum, private industry, other State agencies, and the public. Employees participate in programs and events, present informational and educational lectures on natural science or museum topics, and may publish popular articles and/or use other media to disseminate scientific information. Employees may serve as research supervisor to students and/or post-doctoral researchers.

Recruitment Standards

Knowledge, Skills, and Abilities

- Thorough knowledge of vertebrate, invertebrate zoology, biology, or other natural science field, depending on area of specialization.
- Thorough knowledge of requirements for scientific research and publications.
- Thorough knowledge of the principles and practices of scientific research.
- Thorough knowledge of the characteristics, behavior, and habitats of organisms in area of expertise.
- Considerable knowledge of the natural history of North Carolina.
- Ability to plan, design, and conduct original research in areas of natural science, and to compile and record results in accepted scientific formats.
- Ability to converse and present lectures on topics in areas of expertise to professionals and laymen.
- Ability to train and supervise other research and curatorial staff.

Minimum Education and Experience

Master's degree in biology, zoology, or a science curriculum related to area of expertise from an appropriately accredited institution and three-years' experience in specialty area; or an equivalent combination of education and experience.