

Class Concept

Scientists work in a co-operative agreement between the State of North Carolina and a University or College. Scientist are responsible for initiating plans for new areas of research, developing programs for the orderly expansion of collections. The Scientist will conduct independent and meticulous scientific research in their area of specialty and disseminate results through professional presentations, scientific publications, and lectures. Research focus may be local, regional, and/or international. Employee is expected to obtain external funding and to administer external and allocated budgets for research in specialty area. Employees engage in outreach and education activities providing expertise in their field of research to other sections of the museum, private industry, other State agencies, and the public.

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

Doctorate 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.

Note: This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA.