**Post-Doctoral Fellowship – CREW Plant Research Department**

The Center for Conservation and Research of Endangered Wildlife (CREW) at the Cincinnati Zoo & Botanical Garden is seeking to hire a Post-Doctoral Fellow for its Plant Research Department.

**Position Summary:** The successful candidate will conduct basic and applied research and provide technical skills necessary to carry out the goals of a National Leadership Grant from the Institute of Museum and Library Services entitled: *Evaluating Two Decades of Seeds, Spores, and Tissues in CREW's CryoBioBank: Cryostorage as a Tool for Ex Situ Conservation in Botanical Gardens,* a project that is currently in progress. Much of the seed and spore evaluation has been done during the first phase of the project. Emphasis for the second half of the project will be focused primarily on conducting viability tests on samples of cryopreserved shoot tips, rebanking shoot tips, as well as seeds and spores, as they are available, continuing with interpretive/educational aspects of the project, and contributing to reports and recommendations produced by the project.

The candidate will work to recover in vitro tissues from cryostorage, evaluate growth, regenerate culture lines, and re-bank samples.  A major focus will be on analyzing the data from this large study in relation to species, genotype, age, original viability, sample preparation, number of replicates, and storage location, and to examine the relationship of these factors to survival. Other duties will include working with Horticulture and Education staff to provide plants from this project and background information for display.  Further duties will involve working with other members of the project team, managing staff, preparing scientific papers, reports, and presentations.

This post-doctoral fellowship is scheduled from September 1, 2014 through June 30, 2016.  Bi-weekly pay for this position is $1,153.85, which is $30,000 annualized.  This position is full-time, overtime-exempt, subject to the successful completion of a 180-day probationary period, and is eligible for the Zoo’s benefit programs for non-union employees.

**Qualifications:** Applicants must possess a Ph.D. in an area of plant biological sciences and have expertise in in vitro plant culture techniques and in vitro shoot tip cryopreservation.  Additionally, demonstrated proficiency in complex statistical analyses is required, as data analysis will be a significant part of this study.  Applicants should be fluent in English, with good writing skills, and have experience in writing and publishing scientific manuscripts in peer-reviewed journals.  Prior experience with non-commercial plant species is desirable but not mandatory, but a demonstrable interest in conservation is expected; Command of Windows-based software and applications is required; Ability to work well with CREW scientists, consultants, Zoo and Botanical Garden staff, volunteers, and donors, as well as the general public; Requires the proficient, effective, and accurate management of information and data; Requires a flexible schedule to attend special events and meetings; Must be self motivated with an outstanding work ethic; Must be results/product oriented and must represent CREW in a professional manner; Must be able to create, maintain and generate timely reports in well-written English as requested; Must be prompt and reliable in the areas of attendance and performance;  Must have a visa to work legally in the U.S. and must have a U.S. driver’s license and maintain an insurable driving record.

**Working Conditions:** While performing the duties of the job, the incumbent is regularly required to stand, walk, and utilize manual dexterity to use computer mouse and keyboard. The incumbent may be exposed to outside weather conditions and must be able to lift/move/carry up to 25 pounds without assistance.  Employment is contingent upon passing a post-offer, pre-employment drug & nicotine screen.

The Cincinnati Zoo & Botanical Garden offers a comprehensive benefits package including affordable medical, dental & vision coverage; 401(k) plan with company match; flexible spending accounts; generous paid time off (vacation, holiday and sick leave); company-paid disability & life insurance; park discounts and free passes.

**To apply for this position:** Qualified applicants **must** apply via our online application (<http://cincinnatizoo.org/about-us/job-opportunities/>). A letter of interest, curriculum vitae and contact information for three references should be attached to your online application.

**Application deadline has been extended to July 1, 2014. Applications will be evaluated as they are received.  The position will remain open until a qualified candidate is chosen.  The starting date is September 1, 2014, depending on the availability of the chosen candidate.**

Founded in 1873 and officially open in 1875, the Cincinnati Zoo & Botanical Garden is the second oldest Zoo in the United States. Rated by peer zoological parks as one of the best zoos in the nation, the Cincinnati Zoo continues to set the standard for conservation, education and preservation of wild animals and wild spaces. Over 1.2 million people visit the Zoo annually. The Zoo features more than 500 animal and 3,000 plant species, making it one of the largest Zoo collections in the country.

The Cincinnati Zoo & Botanical Garden was rated the #1 attraction in Cincinnati and one of the top five zoos in the nation by Zagat Survey. It has also been recognized by Child Magazine as one of "The 10 Best Zoos for Kids." The Zoo is an accredited member of the American Zoo & Aquarium Association (AZA), of Botanic Gardens Conservation International (BGCI), and of the Center for Plant Conservation (CPC). It is internationally known for its success in the protection and propagation of endangered animals and plants, and engages in research and conservation projects worldwide.

To learn more about our organization, please visit us at [www.cincinnatizoo.org](http://www.cincinnatizoo.org).

The Cincinnati Zoo & Botanical Garden is an equal opportunity employer and does not and will not discriminate against any applicant or employee on the basis of race, color, religion, sex, national origin, age, disability, veteran status or other protected status.