Position Description, M.S. Graduate Student

The Center for Conservation and Research of Endangered Wildlife (CREW) at the Cincinnati Zoo & Botanical Garden in collaboration with the Department of Biological Sciences at the University of Cincinnati is offering a unique opportunity for a qualified, energetic Master’s student with a strong interest in plant conservation and molecular biology. The student will be part of a project supported by a Federal grant from the Institute of Museum and Library Services involving the genetic evaluation of six species of endangered oaks before and after initiation into in vitro culture. This project will give the student a strong foundation in conservation genetics and ex situ conservation of threatened species while working in a botanic garden.

The student will work under the direction of Dr. Theresa Culley, from the Department of Biological Sciences, University of Cincinnati, in collaboration with Dr. Megan Philpott and Dr. Valerie Pence at CREW, at the Cincinnati Zoo and Botanical Garden. The University and Zoo are within a mile of each other.

Candidates for this position should have a B.S. degree with a strong background in plant genetic analysis and molecular techniques. A strong interest in plant conservation is also required.

The position provides an annual stipend of $20,000 in addition to a graduate scholarship which covers most tuition costs. The start date for this position is between August 2023 and January 2024.

To apply for this position, go online: http://grad.uc.edu/admissions.html. More information on the application process for the UC Biological Sciences program is at: http://www.artsci.uc.edu/collegedepts/biology/grad/application_info.aspx. Review of applications will begin immediately, and will continue until a suitable candidate is found.

For further information on the project, contact Dr. Theresa Culley, Department of Biological Sciences, University of Cincinnati, 614 Rieveschl Hall, Cincinnati, OH 45221-0006, theresa.culley@uc.edu; or Dr. Megan Philpott, Center for Conservation and Research of Endangered Wildlife, Cincinnati Zoo & Botanical Garden, 3400 Vine Street, Cincinnati, OH, 45220: megan.philpott@cincinnatizoo.org.