



Tree Conservation Biologist

The Morton Arboretum invites nominations and applications for a full-time Conservation Biologist with a strong interest in tree conservation. Applicants with a strong plant conservation biology background are encouraged to apply. Research topics may include conservation genetics, niche/distribution modeling, experimental approaches to restoration ecology, population viability analysis, community assembly, trait-based or phylogenetic ecology, leading edge evolutionary dynamics, dispersal biology, or other topics in conservation biology. The successful applicant will demonstrate a commitment to integrating basic research on why woody plants succeed or decline with application to plant conservation.

Research conducted in this position should be of broad, national or international interest and work toward the goals of the Arboretum's [Center for Tree Science \(CTS\)](#). The Tree Conservation Biologist will work collaboratively with other CTS researchers, the CTS Tree Conservation Specialist, and collaborators worldwide to impact tree conservation practices regionally and globally.

The Arboretum is well placed to facilitate interactions with students, graduate students, postdocs and faculty in the plant sciences throughout the Chicago region. Involvement in mentoring junior scientists at some level is expected. Additionally, a long history of collaboration with Forest Preserve Districts in the Chicago region provides a springboard for potential long-term experimental and observational research.

Expectations include establishing an internationally recognized research program; publishing in scientific, professional, and popular journals; obtaining extramural funding; interacting with conservation and scientific communities; and contributing to Arboretum educational and horticultural programs. There are opportunities for academic teaching and advising, with potential adjunct faculty status at area universities.

Qualifications: Ph.D. in conservation biology or related field; a strong background in sampling, analysis and experimental design; in-depth understanding of plant ecology and conservation; proficiency in ecological modeling and statistical analysis of ecological data; demonstrated commitment to conservation research and its application to conservation practice; strong written and verbal communication skills.

Applicants should send a letter of application and curriculum vitae to: The Morton Arboretum, Human Resources, 4100 Illinois Route 53, Lisle, IL 60532 or jobs@mortonarb.org. For further information or to nominate candidates, please contact Search Committee Chair, Dr. Andrew Hipp (ahipp@mortonarb.org; (630-725-2094). Applications will be accepted until the position is filled. For full consideration, submit application materials by February 28, 2015.

The Morton Arboretum is a 1,700-acre public botanical garden, featuring one of the world's most diverse collections of woody plants, over 900 acres of natural areas, a comprehensive research library, modern laboratories and herbarium, and outreach education for professional and public audiences. Research at the Arboretum has focused throughout its 92-year history on finding practical solutions to the challenges of selecting and maintaining healthy trees in developed landscapes and natural woodlands, and on communicating results to practicing professionals and general public as well as the research community. See www.mortonarb.org. The Morton Arboretum is an equal opportunity employer, committed to achieving a diverse workforce.