Position Information

*Position ID:* 19734
*Position Title:* Plant community ecology research intern
*Organization Name:* Cedar Creek Ecosystem Science Reserve
*Linked Contact:* LuAnn Marotte
*Number of Openings:* 30

Work Schedule:
*Hours per Week:* 40
*Compensation:* $10
*Employment Start Date:* June 2015

*Position Description:* The Cedar Creek Ecosystem Science Reserve of the University of Minnesota has opportunities for students to work as Research Interns in Plant community ecology. Most positions run from June through August, but some interns are needed as early as March and some are needed through December. If you are an undergraduate or a newly graduated student with a background or interest in biology, ecology, environmental science, botany, or related field we encourage you to apply.

We have three large scale projects, along with several smaller scale experiments, that require most of our intern resources throughout the summer. BioCON is one large scale experiment where we explore the ways in which plant communities respond to environmental changes such as increased nitrogen deposition, increased atmospheric CO2, decreased biodiversity, and altered precipitation patterns, and increased temperatures. Another large scale project is the Big Biodiversity experiment that studies how plant diversity affects the rates, dynamics, and stability of ecological processes at the population, community, and ecosystem levels. There are multiple experiments nested within the Big Biodiversity experiment as well, looking at factors such as irrigation and increased temperatures. The third large scale experiment we will be surveying this year involves Oak Savannas. This study examines the effects of long-term prescribed burning treatments on vegetation structure and composition, productivity, and nutrient cycling in upland oak savanna and woodland vegetation. Throughout the summer we maintain and sample these experiments.

The Cedar Creek Ecosystem Science Reserve itself is a nine square mile tract of land 35 miles north of the Twin Cities. Because of its fortunate location in mid-continent at the triple meeting point of three great biomes of North America, it carries much of the continent's biological heritage. Cedar Creek is endowed with a diverse mosaic of prairie, savanna, sedge meadows, bogs, open water, forests, and even abandoned agricultural fields. Its large size, great natural diversity,
and uniform soil substrate make it ideal for ecosystem studies. To learn more detailed information about experiments, researchers, and the Cedar Creek area please visit our website at www.cedarcreek.umn.edu.

To apply for any of the above intern positions please visit our website, http://z.umn.edu/ccjobs . The deadline for application submission is February 16th, 2015. For any questions regarding the internships or application please email ccintern@umn.edu.

*Qualifications:*
See "Position Description"

*How to Apply:*
To apply, please email the following materials together in one email by February 16th, 2015: **Letters of recommendation should be sent separately**
• A completed application form
• A resume (maximum of two pages)
• A cover letter stating why this internship will benefit you
• A transcript (unofficial is acceptable)
• Two letters of recommendation (should be sent separately)**

Online Application Address: http://z.umn.edu/ccjobs