

2023 Spring and Summer: LTER Plant Community Ecology Internships

Position Overview:

The Cedar Creek LTER has several opportunities for undergraduates and recent graduates to work as plant community ecology interns. Most positions run from June through August, but some interns are needed as early as March, and some are needed through October. As a research intern, you will contribute to ongoing field experiments, have the opportunity to initiate individual research, attend scientific seminars, and interact with professors, post-docs, and graduate students. Pay is \$15.00 per hour. On-site dormitory housing is available to rent.

Research Overview:

Cedar Creek LTER research examines ecological processes occurring from the individual physiological level to the ecosystem level in response to (1) a variety of climate change scenarios including elevated CO₂, increased temperature, increased nitrogen deposition, biodiversity loss, and altered precipitation patterns; (2) land management practices including prescribed burning and agricultural production; and (3) varied land use histories. Some of these projects include the Big Biodiversity experiment, BioCON, and FAB (<https://www.cedarcreek.umn.edu/research>).



Independent Project Opportunities:

As part of these positions, you will have the opportunity to conduct your own research project with the guidance of a graduate student mentor. You can go through the entire research experience from writing a proposal to data collection to presenting your results at a symposium at CCESR. There will be workshops on different aspects of research.

Research site:

Cedar Creek Ecosystem Science Reserve is an eight square mile tract of land 35 miles north of the Twin Cities. 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 the intern positions please visit our website, z.umn.edu/ccjobs. The deadline for application submission is February 20th. For those interested in a spring position, please apply by February 6th. For any questions regarding the internships or application please email ccintern@umn.edu or call 612-301-2616.