

We seek two postdoctoral research associates to join us in a project on the evolution of plant and microbial species in Minnesota prairies under climate change.

Postdocs will investigate the capacity of plant-microbe associations to adapt or acclimate to rapidly changing environment, and to evaluate the current geographic scale of local adaptation. We anticipate that one postdoc will focus on plant genetic variation and questions of local adaptation and adaptive capacity, while the second will focus on plant-associated microbial communities and the potential for microbes to either constrain or accelerate adaptation of plant hosts to changing environment.

Postdocs in these positions will be working with a collaborative group of faculty (PI: Ruth Shaw, co-PIs Georgiana May, Donald Wyse), graduate and undergraduate students as well as volunteers. Training opportunities include teaching in graduate seminars, developing citizen-science programs, conservation planning, or interaction with governmental and non-governmental agencies.

To apply, please submit a cover letter of application, CV, and names and contact information for three references.

Applicants primarily interested in plant genetic variation should apply at:

employment.umn.edu/applicants/Central?quickFind=126037 (Ruth Shaw, shawx016@umn.edu).

Applicants primarily interested in microbial symbionts of plants should apply at:

employment.umn.edu/applicants/Central?quickFind=126041 (Georgiana May, gmay@umn.edu).