

## University of Minnesota REU Adaptation

Ruth Shaw's Research Group in the Dept. of Ecology, Evolution & Behavior at the University of Minnesota is seeking applicants for an NSF Research Experience for Undergraduates (REU) position in summer 2017 to study the process of ongoing adaptation in experimental populations of partridge pea (*Chamaecrista fasciculata*) in prairie habitat. The student will work closely with Dr. Ruth Shaw and Dr. Mason Kulbaba to develop an independent project in the area of plant evolutionary genetics, with possibilities ranging from studies of heritability and phenotypic selection on plant traits to studies of pollination ecology and phenology. The student will gain invaluable experience in performing field work and in conducting an independent research project, from hypothesis formulation through oral and written dissemination of results, as grounding for future work in inquiry-based scientific research. The student must be a U.S. citizen or permanent resident and enrolled as an undergraduate for Fall 2017. The ideal candidate should enjoy working outdoors and have an interest in learning about the evolution and ecology of plants in the Midwest prairies, and candidates planning to pursue a graduate career in evolution, ecology, or conservation biology are particularly well-suited for this position. The REU intern will receive a stipend of \$5,000 and room and board in the Twin Cities (with occasional overnight travel to field sites). Costs of travel to and from the Twin Cities will also be provided. The deadline to apply for this position is March 10, 2017, and the 10-week internship is expected to begin on Monday, June 5 and end on Friday, August 11. Please contact Mason Kulbaba ([mkulbaba@umn.edu](mailto:mkulbaba@umn.edu)) for more information. The University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression. Individuals of underrepresented groups are especially encouraged to apply. Please forward this advertisement to any interested and qualified undergraduates.

To apply, please e-mail the following application materials to Mason Kulbaba ([mkulbaba@umn.edu](mailto:mkulbaba@umn.edu)) with the subject line "REU" no later than March 10, 2017:

1. a statement explaining the following:
  - why you are interested in this position
  - what are your future plans
  - dates you are available to start and end this position
  - confirm eligibility for the REU program
  - the name and contact information of the person who will serve as your reference
  - your e-mail address and phone number
2. resume
3. transcript (unofficial is acceptable)
4. 1 letter of recommendation (sent by your reference)

[mkulbaba@umn.edu](mailto:mkulbaba@umn.edu)