



Missouri Botanical Garden

Research Experiences for Undergraduates

Plant Systematics, Conservation Biology, and Ethnobotany

May 26 – July 31, 2015

What: The Missouri Botanical Garden is pleased to announce the 2015 Research Experiences for Undergraduates (REU) program that will provide research training for 5 students, for 10 weeks during the summer months. Students will work on independent mentored projects in plant systematics and conservation biology. Projects include taxonomic description of new plant species from the tropics, variation in seed morphology as a tool in studying plant systematics and phylogeny, historical changes in Midwestern plant communities, computer modeling to estimate effectiveness of specimens in representing plant diversity and distribution, and population genetics of imperiled species.

Where: The Missouri Botanical Garden occupies 79 acres in St. Louis. Students will have access to a herbarium of 6.5 million specimens, an excellent botanical library, rich garden collections, a laboratory with facilities for plant anatomy, microscopy, digital imaging, SEM, and DNA analysis, and the Shaw Nature Reserve – a 2,400+ acre ecological preserve featuring prairie, forest, glades, wetlands, and 14 miles of hiking trails.

Who: Undergraduates returning to their program in the fall following the REU. You must be a U.S. citizen or permanent resident. Women and minority students are encouraged to apply. Selection will be based on a combination of demonstrated interest, ability to work independently, relevant botany coursework and experience, and potential for continuing onward to a career in science.

Benefits: Housing, weekly stipend, and supplies for research are provided.

Application Deadline: April 10, 2015

Information::

Website: <http://www.mobot.org/mobot/research/reu/reu.shtml>

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