



# MISSOURI BOTANICAL GARDEN

## Research Experiences for Undergraduates

### Botany and Conservation Biology

June 6 – August 12, 2022



**What:** The Missouri Botanical Garden is pleased to announce the 2022 Research Experiences for Undergraduates (REU) program, which will provide research training for 10 students for 10 weeks during the summer. Students will work on independent mentored projects in botany and conservation biology. Subjects of available projects include taxonomy of tropical plants, population genetics and speciation, biodiversity modeling, conservation biology, restoration ecology, and crop development.

**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. Students from schools with limited research infrastructure and from underrepresented groups are especially encouraged to apply. Selection will be based on demonstrated interest, ability to work independently, relevant coursework and experience, and potential for continuing onward to a career in science.

**Benefits:** Weekly stipend of \$600, housing and food allowances, transportation, and supplies for research are provided.

**Application Deadline:** February 28, 2022

**Information:**

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

Phone: 314-577-0853

Email: [reu@mobot.org](mailto:reu@mobot.org)

Mail: Dr. Monica Carlsen, Missouri Botanical Garden, 4344 Shaw Blvd., St. Louis, MO 63110

