What is FRIPS?

Freshmen Research in Plant Sciences (FRIPS) is a program designed to expose new college students to vital and exciting research conducted with plants and encourage them to consider a research career in plant biology.

FRIPS is funded by grants from the National Science Foundation. Eight positions are available for the 2018-2019 academic year.

Students typically work 10 hours/week in their laboratory at a rate of $7.85 per hour. Schedules are arranged around class schedules.

A mandatory weekly FRIPS meeting is held for 1 hour/week.

FRIPS students...

• Work with a mentor in a faculty research lab on campus
• Receive an hourly wage
• Learn valuable laboratory skills
• Meet other freshmen interested in plant biology research
• Receive individual advising from faculty mentors, resources for science majors, and professional development opportunities
• Attend weekly meetings to strengthen academic and professional research
• Perform cutting-edge research in a supportive environment

Are you...

• A first-year undergraduate?
• Planning a career in science?
• Interested in plant biology research?
• Wanting to meet other science students?
• Looking for a part-time job in your major?
• Considering an honors research project?

Then apply for the FRIPS Program!

Stop by our office in 150 Bond Life Sciences Center
OR visit us online: undergradresearch.missouri.edu

Eligibility:

• First-year undergraduate student at MU
• Intended major(s) in biochemistry, biology, computer sciences or plant sciences
• Math or science ACT score of a 28 (or higher); a high school GPA of at least 3.3; OR placement in the top 25% of your class
• Interest in plant biology research
• U.S. Citizen or Permanent Resident
• NOT participating in other research programs (ie., Discovery Fellows, IMSD-EXPRESS, ASH Scholars)

Research Examples:

• How do plants recognize and defend against attacks from pests and pathogens such as bacteria, fungi, virus and insects?
• How do plants choose their mates through pollen recognition?
• How do plants recognize light and respond by altering their growth and development?
• Can we modify plants to produce biodegradable plastic at commercially-viable levels?

How do I apply?

• Fill out an online application found on our website undergradresearch.missouri.edu
• If you have any questions about the application process or the program, feel free to email Jenn Brown at UGR@missouri.edu
• Priority deadline: September 4th, 2018