

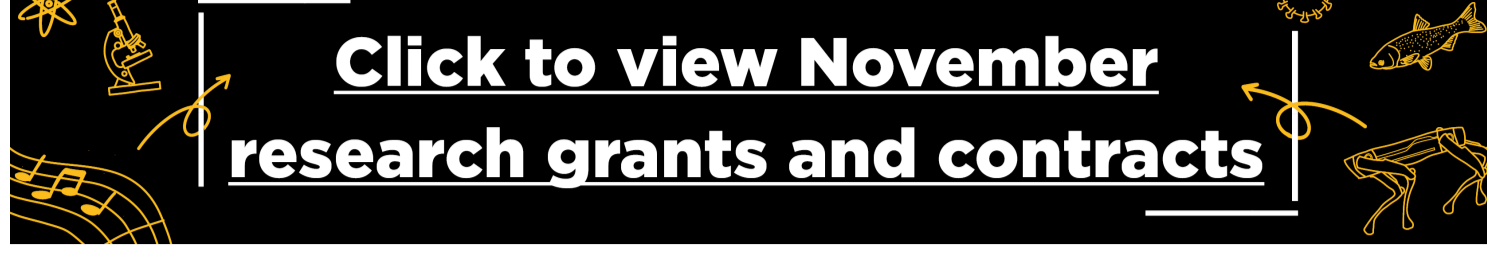


Research, Innovation & Impact

University of Missouri

January 2025

Click to view November research grants and contracts



Finegan to Lead Advanced Light Microscopy Core



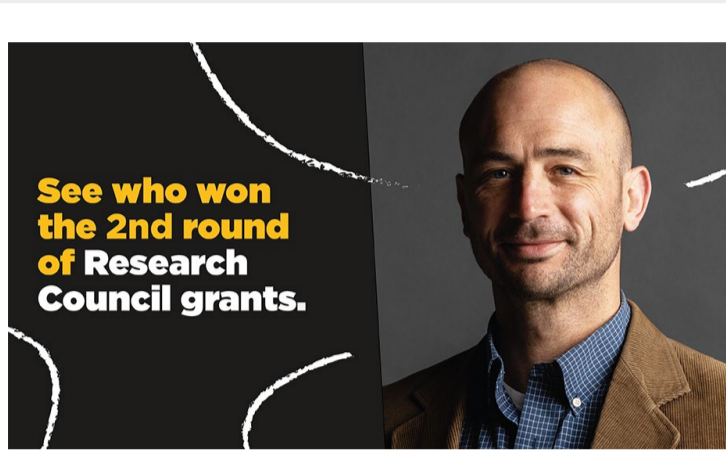
A passion for bench science

Tara Finegan, an assistant research professor in biological sciences with extensive expertise in light imaging technologies, began work as co-director of the Advanced Light Microscopy Core last week. She will take the helm as director when co-director Alexander Jurkevich retires in March.



A call for resilience

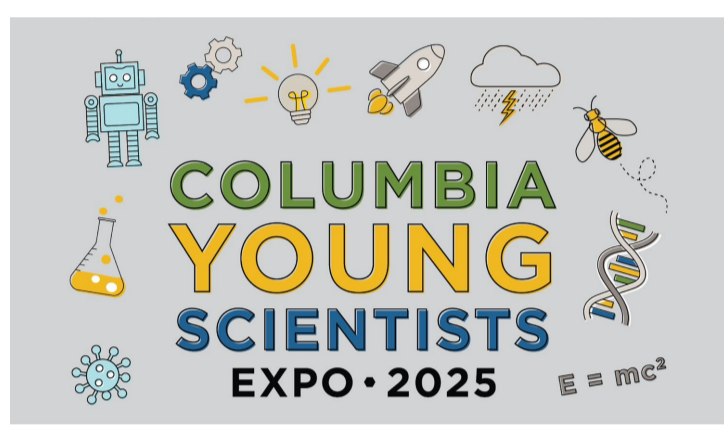
In a new paper, Bond Life Sciences Center investigator Ron Mittler and a coalition of other plant scientists recommend that farmers, policymakers and researchers take a concerted approach to ensuring global food security.



Turbocharging discovery

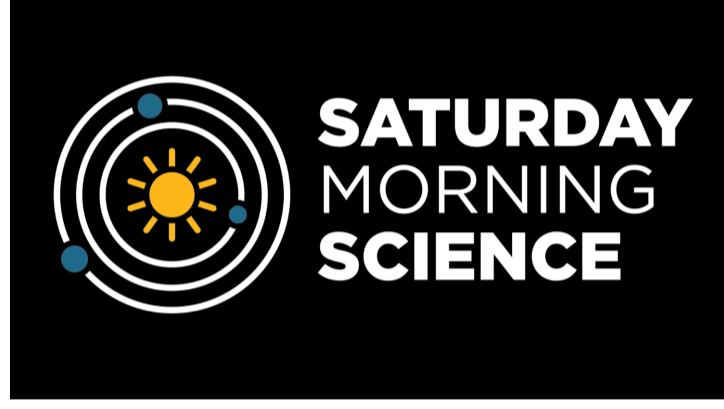
The Division of Research awarded the second round of Research Council grants, internal funding that supports scholarly and creative endeavors and often helps early career faculty ignite their research programs.

Family friendly science events



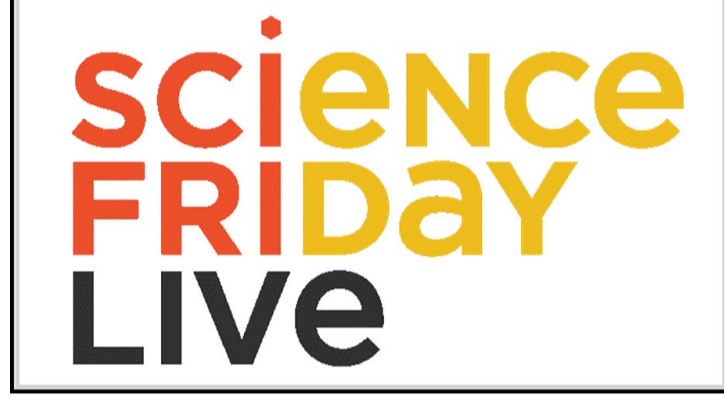
Share your research

Share hands-on STEM activities with youth and families at the Columbia Young Scientists Fair and Expo 1-4:30 p.m. March 8. [Reserve booth space by Feb. 6.](#) Email [Christal Huber](#) with questions.



Learn about earthquakes

Eric Sandvol, Curators' Distinguished Professor in geological sciences, will discuss Earth's tectonic plates at 10 a.m. Feb. 22, Room 171, Bond Life Sciences Center. Saturday Morning Science events are designed to be entertaining and fun for all ages.



NPR show at Mizzou May 10

NPR's nationally syndicated [Science Friday](#) will tape its show May 10 in front of a live audience in Jesse Auditorium. Mizzou's research community has a chance to be first in line for tickets by purchasing them during KBIA's Jan. 21-23 presale. [Sign up for a reminder.](#)

Professional development



Attend NextGen Symposium

Interdisciplinary health researchers and clinicians at all career stages are encouraged to attend the annual NextGen Precision Health Pathways Symposium at UMKC to share their work and forge new collaborations. [Register by Jan. 31.](#)

Jan. 17 (all day) – The College of Arts and Science is hosting a campuswide [AI Symposium](#) for investigators from any discipline interested in AI-focused research and creative activity. [Register by Jan. 15.](#)

Feb. 28 (1 p.m.) – The [Hiring Postdocs at Mizzou](#) webinar provides faculty with essential insights for recruiting postdoctoral researchers, including eligibility criteria, minimum salary requirements and job titles. The session also will cover termination policies, visa requirements and services for postdocs. [Register now.](#)

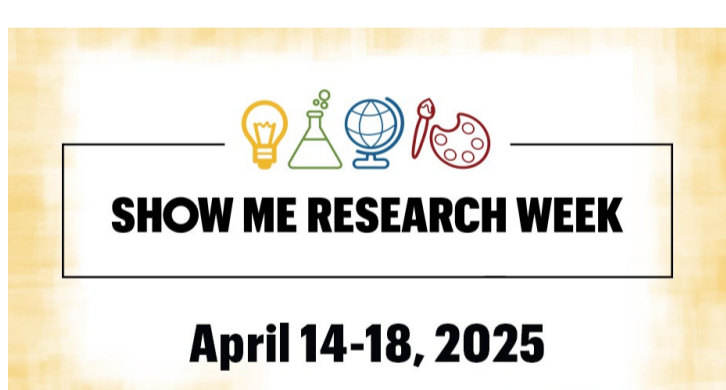
[Add your research interest group](#) (RIG) to the Division of Research website by [completing our brief form](#). RIGs are grassroots, faculty-led communities of scholars that foster collaboration, research ideation, public engagement and academic leadership.

Previous HRPP/IRB research compliance seminars are available on the human subjects research [education and training page](#). If you have feedback or suggestions for the IRB, you can submit them on our new [feedback form](#).

Two weeks of discovery ... details coming soon!



Accelerate Your Research Week will offer professional development activities for investigators to sharpen skills and increase the quality of grant proposals.



Show Me Research Week will celebrate the research and creative achievements of Mizzou students with presentations, exhibits and other activities.

Important dates

Deadlines

Institutional Biosafety Committee
Jan. 20: Submit research protocols for Feb. 20 meeting.

Research Council Grants
Jan. 21: Applications are due by 5 p.m. [Email questions to Internal Funding staff.](#)

Institutional Review Board (IRB)
Jan. 25: [Submit](#) human subjects research applications, amendments and annual updates for Feb. 12 full board review.

Limited submissions funding
Feb. 3: [NIH Limited Competition: Basic Instrumentation Grant \(BIG\) Program](#)
March 3: [NSF National Quantum Virtual Laboratory \(Quantum Testbeds\)](#)

Events

HRPP/IRB research compliance seminar
Feb. 10 (2 p.m.) – Legally effective informed consent ([Request Zoom link](#))

Extra Credit film series
Jan. 21 (6 p.m.) – “Being John Malkovich” and researcher panel discussion

NextGen Precision Health Discovery Series
Jan. 28 (noon) – [Harnessing Chemistry to Remove Nanoplastics From Water](#)

Grant Connections meeting
Jan. 29 (10 a.m.) – Connecting pre- and post-award to make life easier ([Zoom link](#))

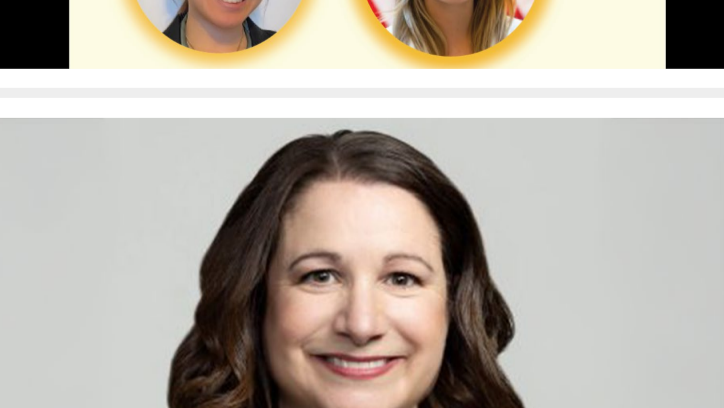
Things to know

3 things to know about the Federal Budget and Research Funding



See federal funding outlook on LinkedIn

In a recent presentation, data analyst Sabrina Woo and Emily Lucas, director of government relations, [presented an overview](#) of this year's federal budget and research funding opportunities.



Reducing hospital stays

Kimberly Powell, an assistant professor of nursing, led an NIH-funded study that found nursing home residents with Alzheimer's disease were more likely to have avoidable transfers to the hospital compared to residents without dementia. [More research news](#)



Engineering milestone

For the past century, Mizzou's industrial engineering program has focused on real-world applications and solutions to build a better world. Learn more about the program's evolution and contributions since 1924. [More accolades](#)

Division of Research, Innovation & Impact
310 Jesse Hall, Columbia, MO 65211
573-882-9500

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