



Research, Innovation & Impact

University of Missouri

April 2025

Click to view February research grants and contracts



Columbia youth discover new science paths

More than 50 members of the Mizzou research community showed up to Memorial Union on a Saturday to provide hands-on learning experiences for elementary-aged students at the Columbia Young Scientists Fair and Expo organized by The Connector. Read more about how participating in the event helps researchers hone their Broader Impacts plans for NSF grants.



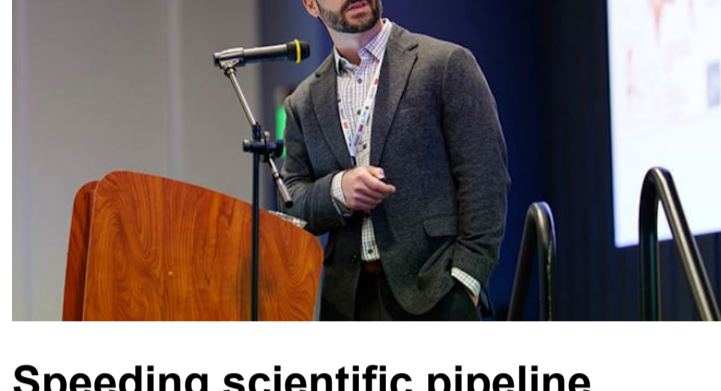
Patent portfolio grows

In 2024, Mizzou received 23 U.S. patents, and new products hit the market. See which researchers successfully navigated the complex commercialization process in partnership with the Technology Advancement team.



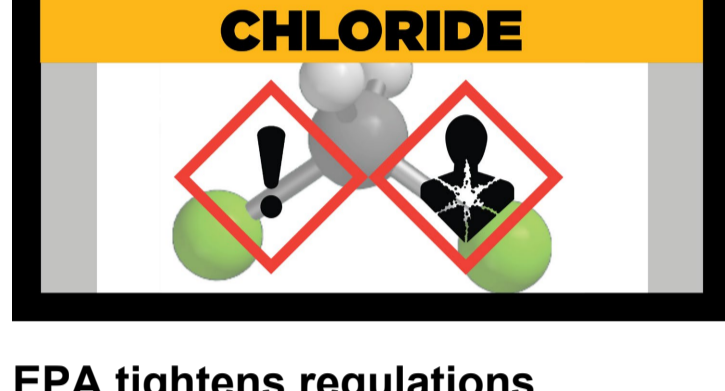
Backing faculty brainpower

Mizzou recently invested in 13 faculty projects with Research Council grants of up to \$15,000 each for research, scholarship and creative pursuits. See who won the third round of internal funding.



Speeding scientific pipeline

View photos from the NextGen Pathways Symposium where UM System health researchers and clinicians showcased pathbreaking discoveries and gave young investigators an understanding of the translational science pipeline.



EPA tightens regulations

The Environmental Health and Safety office is providing campus units with resources and support to comply with the Environmental Protection Agency's (EPA) stricter regulations for methylene chloride use. Learn more and see timeline for meeting the new standards.

Center news



New interim Dalton director

Associate Professor Kevin Cummings is now leading the Dalton Cardiovascular Research Center. A Dalton investigator since 2019, his NIH-funded lab studies how the central nervous system controls breathing and cardiovascular function.



A drive for carbon recycling

New Bond Life Sciences Center investigator Susie Dai, a chemist by training and an engineer by practice, wants to turn wasted carbon materials into high-value products. Don't miss her April 5 [Saturday Morning Science](#) talk about the potential of fungi to remove pollutants.



What do you need to thrive?

Four Bond Life Sciences Center investigators, including postdoc Gabriel Lemes Jorge, left, share their thoughts about working at Mizzou and living in Columbia in a new faculty and graduate student recruitment video.

Check out new website

The NextGen Center for Influenza and Emerging Infectious Diseases [launched a new website](#). The center's interdisciplinary scientists conduct research to better understand virus transmission and develop solutions to prevent and control outbreaks.

Professional development

Writing retreats:

- **April 8 and May 8** (9 a.m.-3 p.m., Room 171, Bond Life Sciences Center) – The Professional Development team is hosting two in-person writing retreats for researchers. Team members will be available for individual consultations and in-the-moment writing feedback. [Register to receive a calendar invitation for one or both sessions](#).
- **June 2-3** (9 a.m.-3 p.m.) – The Campus Writing program is hosting a new Summer AI Summit at Les Bourgeois in Rocheport, Missouri, that includes brief presentations and plenty of time to design and revise coursework. [Register by April 15](#).
- **June 2-5** (9 a.m.-2 p.m.) – Join us for a four-day intensive [grant writing retreat and boot camp](#). Bring a funding request, and the Division of Research professional development team will help you develop a responsive proposal. [Register](#)
- **June 16-17** – The Campus Writing Program is holding its annual two-day summer writing retreat in Rocheport. [Register by April 15](#).

From University Libraries:

- Now's a great time to get ready for the 2025-26 academic year by consulting with a [subject librarian](#) about information sources, data management, literature reviews and other [research support](#).
- **April 9** (1 p.m.) – Go beyond citation counts in a 30-minute [virtual workshop about alternative metrics](#) that can help investigators track the impact of their research.
- **April 16** (1 p.m., 213 Ellis Library) – Learn about [data visualization with Gephi](#), an open-source social network platform that can analyze big network graphs.

Collaboration series: Mizzou research labs and hubs

- **April 18** (noon) – Professor Suhwon Lee will discuss how the Center for Applied Statistics and Data Analysis supports different phases of research, including planning, analysis and reporting. [Register](#)
- **April 23** (noon) – Three presenters from the Assessment Resource Center in the College of Education and Human Development will discuss the center's assessment, research and evaluation services. [Register](#)

Special events



Join the fun

Don't miss Mizzou's fourth annual Faculty Excellence Week. The **April 29** kickoff will have giveaways, food trucks and Marching Mizzou. The **May 1** book author celebration also is open to all faculty.



Science Friday Live in CoMo

NPR's nationally syndicated Science Friday will tape its show **May 10** in front of a live audience in Jesse Auditorium. The two-hour show will include conversations with Mizzou researchers, demonstrations, audience Q&A and more.

Important dates

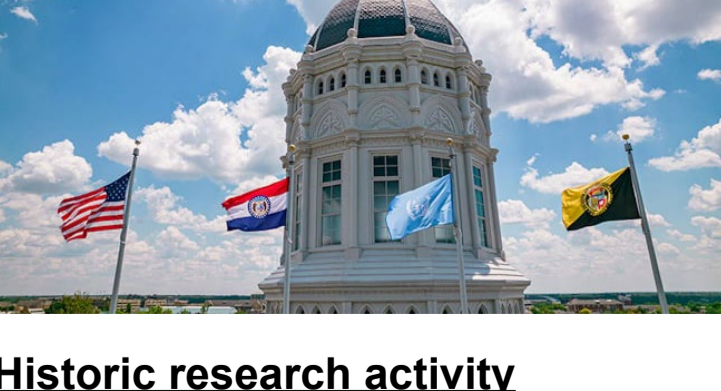
Deadlines

- **National Endowment for the Humanities**
April 9: [Fellowship applications](#) due.
- **SEC Academic Leadership Development**
April 14: Nominations due for 2025-26 program.
- **Pew Biomedical Scholars**
April 14: [Submit applications on InfoReady](#).
- **Institutional Biosafety Committee**
April 15: Submit research protocols for May 15 meeting.
- **American Association for the Advancement of Science (AAAS)**
April 16: [Fellow nominations](#) due.
- **Institutional Review Board (IRB)**
April 25: [Submit](#) human subjects research applications, amendments and annual updates for May 14 full board review.
- **Limited submissions funding**
May 19: [NIH: Asthma and Allergic Diseases Cooperative Research Centers](#)
May 26: [NSF: Advanced Computing Systems and Services: Adapting to the Rapid Evolution of Science and Engineering Research 2.0](#)

Events

- **South African Educ. Program symposium**
April 10 (noon) – Information about opportunities for projects and educational activities with South African collaborators
- **Show Me Research Week**
April 14-18 – A campuswide celebration of student research and creative achievements
- **HRPP/IRB research compliance seminar**
April 14 (2 p.m.) – Additional requirements for IRB approval, maintenance and study closure when doing clinical studies and trials ([Request Zoom link](#))
- **Extra Credit film series**
April 14 (6 p.m.) – "Singin' in the Rain" and researcher panel discussion
- **Grant Connections meeting**
April 23 (10 a.m.) – Higher Education Research and Development (HERD) Survey and PeopleSoft data ([Zoom link](#))
- **NextGen Precision Health Discovery Series**
April 29 (noon) – [Discovery and function of rare genetic variants](#) with Scott Younger, Children's Mercy Kansas City
- **NextGen Clinical Trial Investigator Training**
May 9 (8 a.m.-5 p.m.) – Designed for investigators who currently lead or would like to lead clinical trials ([Register](#))

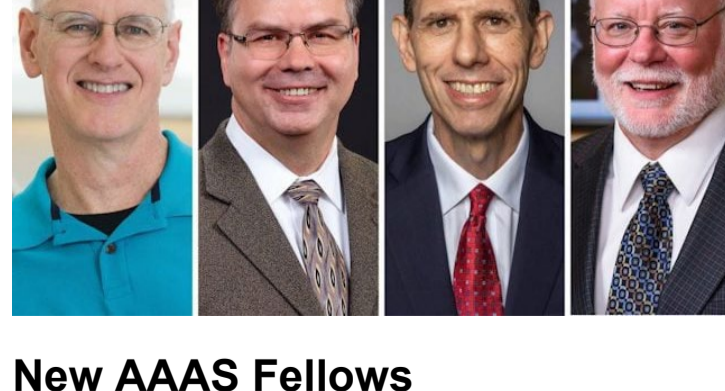
Things to know



Historic research activity

Mizzou's \$509 million in research in FY 2024 set a new record and marks 11 years of consecutive growth — a 115% increase since 2013.

[More research news](#)



New AAAS Fellows

The American Association for the Advancement of Science (AAAS) recognized four Mizzou faculty for their scientific achievements.

[More accolades](#)

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- [Research Support](#)
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- [Industry Partnerships](#)
- [Cores & Centers](#)
- [Departments](#)

