



Research, Innovation & Impact

University of Missouri

January 2023



Researching the science of old age

Erin Robinson, assistant professor of social work, is studying older adult health with a focus on preventative measures to ensure health and longevity. Learn more about her work in this Q&A.



MU has new secured research data environment

Researchers can take advantage of the university's centralized Controlled Unclassified Information environment for federal projects requiring information security controls.



Check out updated NIH data management and sharing policy

The National Institutes of Health (NIH) is enacting a new Data Management and Sharing Policy on Jan. 25. Get more details at Mizzou's **webinar at noon Feb. 3.**



Apply for postdoc research support

The Research Excellence Postdoctoral Program invites tenured faculty to apply by **Feb. 9** for funding to hire postdoctoral researchers. Learn more in the [program flyer](#) and the [call for applications](#). Questions? [Email Valli Sarveswaran](#), director of the Office of Postdoctoral Education.



Showcasing next-generation investigators

Celebrate the achievements of students and postdocs across disciplines during Show Me Research Week, **April 17-22**. The campuswide event includes workshops, speakers, a research forum and a visual art and design showcase. Organizers are [seeking judges](#) for posters and presentations.

Division Resource



The good, the bad and the ugly

Research security and compliance professionals help researchers navigate federal export controls and sanctions that protect national security and advance U.S. economic interests and foreign policy objectives. Watch a video overview and meet two new staff members.

Professional Development

From Mizzou:

- *2023 NIH Data Management and Sharing Policy, Feb. 3, 12-1 p.m., virtual* – Join Michele Kennett, associate vice chancellor for research compliance, and Steven Pryor, digital scholarship librarian, to learn more about policy updates. They will share resources, grantsmanship guidance and implementation strategies for new projects. ([Register](#))
- *Involving Undergraduate Students in Research, Feb. 21, 9:30-10:30 a.m., virtual* – Join Linda Blockus, director, Office of Undergraduate Research, and a faculty panel to learn about potential funding mechanisms; experiences leading undergraduate researchers; and strategies for recruiting, managing and mentoring them. ([Register](#))

External opportunity:

- *National Science Foundation CAREER Awards and Broader Impacts webinar, Jan. 18, 1-3 p.m., virtual* – Learn strategies for developing a competitive CAREER Award proposal with an emphasis on the broader impacts and education plan; hosted by the Center for Advancing Research Impact in Society. ([Register](#))

Important Dates

Deadlines

Institutional BioSafety Committee (IBC)
Jan. 16: Submit research protocols for Feb. 16 meeting.

Research Council Grants
Jan. 17: Applications are due by 5 p.m.; notification of awards by March 3. Questions? [Email Internal Funding staff](#).

Institutional Review Board (IRB)
Jan. 25: [Submit](#) human subject research applications, amendments and annual updates for Feb. 8 full board review.

Limited submissions funding
Feb. 6: [NSF Scholarships](#) in Science, Technology, Engineering and Mathematics
Feb. 27: NIH Pediatric Critical Care and Trauma Scientist [Development Program](#)

Neuromuscular/Musculoskeletal grants
Feb. 24: Research proposals due for funding from the Kansas City Consortium on Musculoskeletal Diseases.

Events

NextGen Precision Health
Jan. 17, 12-1 p.m., NextGen Precision Health building or virtual ([Register](#)) – [Lifestyle Modifications](#) to Improve Liver and Cardiometabolic Health

HRPP/IRB Research Compliance Seminar
Jan. 23, 2-3 p.m. ([Request Zoom link](#)) – Research, Innovation & Impact Web-based Recruitment Resources to help researchers attract study participants

MU Libraries Research Support
Feb. 7, 12:30-1:30 p.m., virtual – [Maximizing Your Research](#) Identity & Impact ([see more workshops](#))

APSA Midwest Regional Meeting
Feb. 17, 9 a.m.-6 p.m., Patient-Centered Care Learning Center – Organized by the American Physician Scientist Association. ([Register](#))

Things to Know

Around Campus

- Engineering researchers are using a \$2.6 million NIH grant to [design a breathable material](#) with antimicrobial properties for use with a wearable heart monitor. Principal investigator Zheng Yan says his [Coulter Biomedical Accelerator Program](#) funding and training “contributed significantly to the development of the device.”
- For 100 years, MU's power plant has been the backbone of the campus infrastructure supporting the research enterprise and energy innovation. [See story, video and timeline.](#)
- Haval Shirwan and Esma Yolcu, both professors of child health and molecular microbiology and immunology, are part of a \$3.2 million NIH grant to [test a treatment](#) for Type 1 diabetes that does not require daily insulin injections.
- A new study led by marketing Professor Srinath Gopalakrishna suggests [best practices](#) for attracting new customers.
- Andrew Clarke, associate professor of food science, worked with students during the fall semester to [develop new barbeque sauces](#).
- [More research news](#)

Accolades

- Jeffrey Adamovicz, associate professor of veterinary pathobiology, received the [2022 Hashimoto Recognition Award](#) for outstanding service from the American Biological Safety Association.
- Vellore Gopalaram, professor of civil and environmental engineering, [has been elected](#) a fellow of the American Society of Civil Engineers.
- Law Professor Erika Lietzan was named a [2022 Best Lawyer in America](#) for her high-caliber scholarship in biotechnology, life sciences and FDA law.
- [More accolades](#)

Division of Research, Innovation & Impact

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