



# Research, Innovation & Impact

## University of Missouri

May 2023



### Big grants, bigger impacts

MU researcher Rob Myers talks about how his team secured \$35 million in grants to help farmers. Get his tips for successful grant proposals and project management.



### Becoming an innovation destination

The University of Missouri System is helping remove roadblocks for student entrepreneurs and increase venture capital investments in early-stage companies through a new, innovative partnership with Scale VC.



### Celebrating researchers, creators

The Division of Research recognized faculty after a presentation by Alejandro Sánchez Alvarado, executive director and chief scientific officer at the Stowers Institute for Medical Research. See video and photos.



### Building research capacity at Mizzou

MU Research Development Network members work with investigators to make grant proposals more competitive. Learn about this group with a proven track record.



### Get the most bang for your tech dollar

The IT Research Support Solutions team is making it easier to gather IT-related information for grant proposals to maximize budgets and research efforts.



### Show Me student research

Meet the student award winners and see coverage of the many activities included in MU's Show Me Research Week.



### Accelerating opportunities

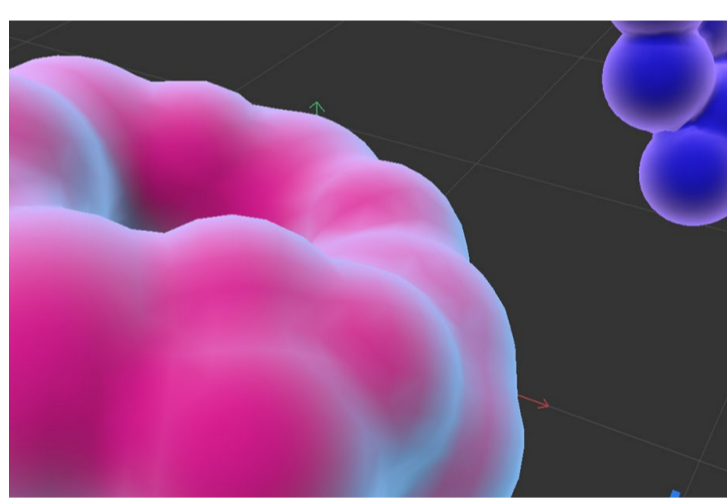
See coverage of National Science Foundation Director Sethuraman Panchanathan, who gave the President's Distinguished Lecture.

## Opportunities for Researchers



### Conduct research abroad

Consider applying for a Fulbright Scholar Award for the 2024-25 academic year (deadline is Sept. 15). [Contact Fulbright Liaison David Crespy](#) for help with your program and country selection, letters of invitation, recommendation letters and project statement. [These Fulbright webinars](#) also are helpful.



### Elevate your art

The [Strategic Proposal Development Service](#) is offering a limited number of spots to work with proposal illustrator Samantha Peters on graphics, illustrations and cover images for publications and journal articles related to a current or previous grant award (first author must be from MU). [Request illustration help.](#)

## Professional Development

"Research Analytics: Data Analytics for Research Support Staff," **noon May 12** (virtual) – Learn about the monthly sponsored projects pivot table and other tools for research administrators and proposal development professionals. ([Register](#))

"Research Analytics Competitive Intelligence Spotlight," **noon May 18** (virtual) – This session introduces research competitive intelligence services and insights, such as program analyses and reports highlighting federal priorities and potential collaborators. ([Register](#))

"Applying for National Science Foundation Supplements: Research Experiences for Undergraduates (REU), Research Experiences for Teachers (RET) and Other Programs," **noon Aug. 25** (virtual) – Learn about NSF supplements, different ways to apply for them and the support available to help you create a successful request. ([Register](#))

## Important Dates

### Deadlines

**Institutional Biosafety Committee (IBC)**  
**May 15:** Submit research protocols for June 15 meeting.

**Institutional Review Board (IRB)**  
**May 25:** [Submit](#) human subject research applications, amendments and annual updates for June 14 full board review.

**Patton Trust Research Grants**  
**May 25:** Letter of intent is due to BioNexus KC for \$50,000 pediatric disease research awards.

**BioNexus KC Science2Art exhibit**  
**June 9:** Deadline to [submit images](#) that capture your research.

**Limited Submissions Funding**  
**June 9:** NIH Consortium for Food Allergy Research [Clinical Research Center](#)  
**June 26:** [USDA Outreach and Assistance](#) for Socially Disadvantaged and Veteran Farmers and Ranchers

### Events

**HRPP/IRB Research Compliance Seminar**  
**May 8, 2 p.m.** – Learn about "Investigational Drug Service Approval for IRB Projects." ([Request Zoom link](#))

**Extra Credit film series**  
**May 8, 6 p.m.** – Watch "Top Gun" and enjoy a panel discussion with MU researchers.

**Saturday Morning Science**  
**May 13, 10 a.m.** – Linda Godwin, professor emerita of astronomy and a retired NASA astronaut, will present, "Exploring Space: Where Would We Be Without the Moon?"

**NextGen Precision Health events**  
**May 11, noon** – "[Targeting Paracrine Factors](#): From Mechanisms to Next-Generation Therapy for Vascular Anomalies" ([Register](#))  
**May 25, noon** – "[Precision Medicine in Respiratory Disease](#): From Biomarkers to Building Consortia" ([Register](#))

## Things to Know

### Around campus

- Khaza Anuarul Hoque, assistant professor of electrical engineering and computer science, and his team are exploring how explainable artificial intelligence can help [detect how people develop cybersickness](#) in augmented and virtual reality.
- Bing Yang, professor of plant science and technology, is using gene-editing tools [to improve productivity in rice crops](#).
- Mary Bernardin, assistant professor of clinical and pediatric emergency medicine, and her team [have found that most child victims of gun violence](#) are innocent bystanders.
- Li Zhao, assistant professor of textile and apparel management, is using a \$149,000 grant from the U.S. Department of Agriculture [to elevate students' big data literacy skills](#) to prepare them for the fashion industry.
- [More research news](#)

### Accolades

- MU's [news release](#) about mothers with depression and child development from a study conducted by Nicholas Smith, assistant professor of speech, language and hearing sciences, appeared in 56 media stories, including [Mizzou](#). Visit our research for the public, [contact the News Bureau](#).
- Mizzou honored faculty for [significant achievements](#), including those who [published and edited books](#) in 2022.
- The [MU-Missouri Soybean Merchandising Council's](#) Seed Advisory Committee has approved eight new soybean varieties for commercialization by Missouri and U.S. farmers.
- [More accolades](#)

### Division of Research, Innovation & Impact

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### Quick Links

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

