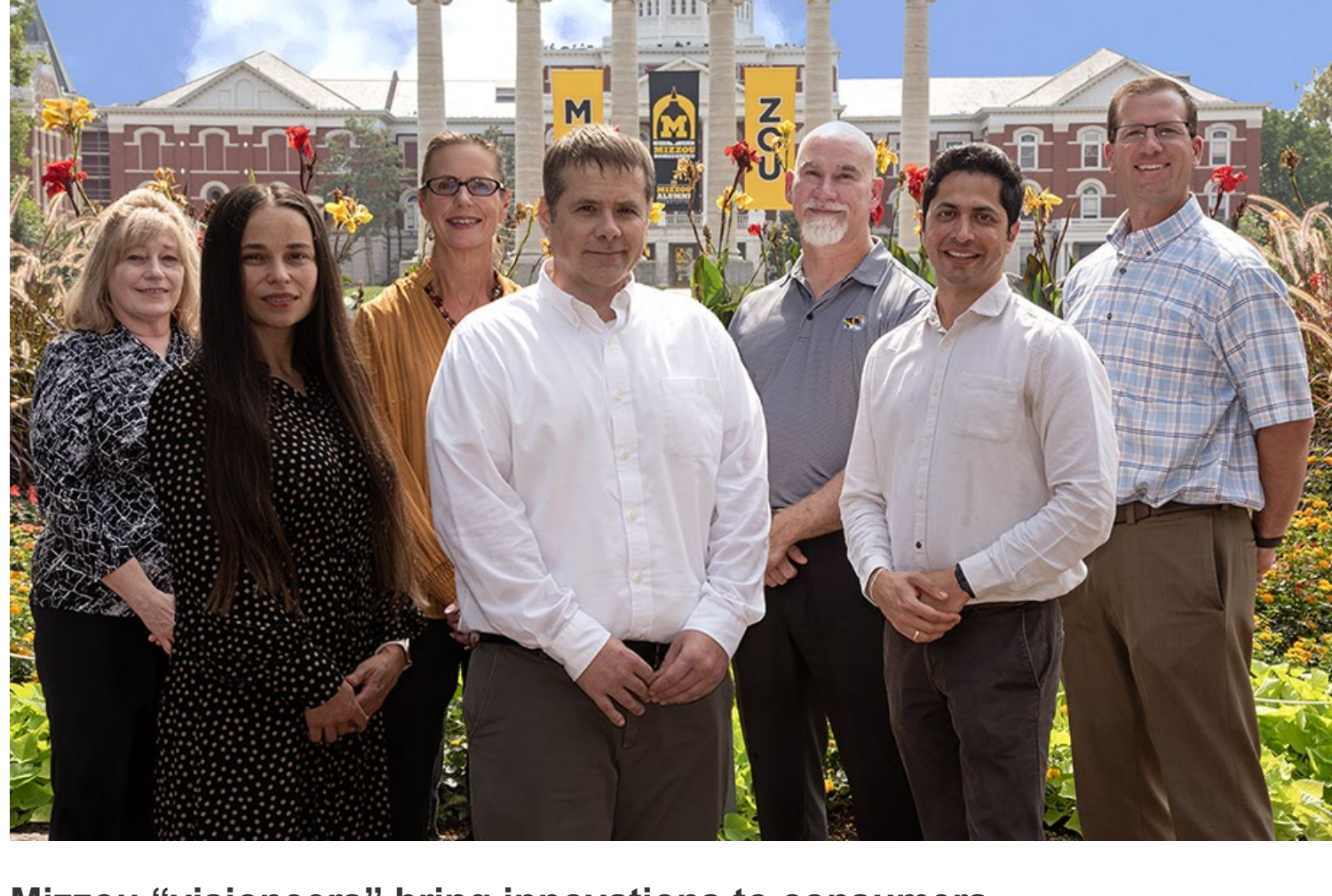


BRIGHT IDEAS

Insights & opportunities from Mizzou Research

Vol. 8, No. 4 — November 2025

View grants and contracts awarded in September.



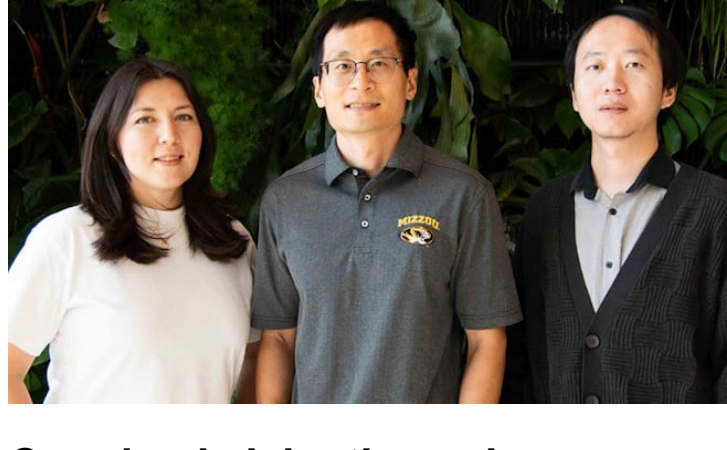
Mizzou “visioneers” bring innovations to consumers

It takes foresight, imagination and specialized expertise to turn academic innovations and discoveries into commercial products and services. Helping investigators leverage the impact of their research is the overarching goal of Mizzou’s small but mighty Technology Advancement team, which does everything from filing patents to working with industry partners. [Read about recent accomplishments, their new office location and two new team members.](#)



Supporting faculty discovery and creativity

The Division of Research, Innovation & Impact [awarded the first round of 2025-26 Research Council grants](#) in October. These investments often give investigators, scholars and creators a leg up when seeking external funding, publishing books and more.



Core leads labs through bioinformatics bottleneck

Analyzing experimental data can be the slowest research step, but [Bioinformatics and Analytics Core experts guide labs in best practices](#). Learn how they helped the Wendy Picking lab with data from testing a potential *Shigella flexneri* vaccine on mice organs.



Rewiring stroke recovery

Jeffery Boychuk, a veterinary medicine investigator based at the Dalton Cardiovascular Research Center, [studies how the brain's motor cortex adapts after stroke](#). He hopes to advance therapies that improve neurorehabilitation for patients.

Professional development

HRPP/IRB research compliance seminar

This month’s seminar will focus on [additional protections for specific groups](#) of research participants, such as pregnant women, prisoners and children, at **2 p.m. Nov. 10**. [Request Zoom link](#).

Researcher Writing Retreat

Find a quiet place to read, write and think in community with other scholars during this semester’s third retreat from **9 a.m.-1 p.m. Nov. 17** (Conley House). The Professional Development team also will be available for consultations. Drop in and out as needed. [Register for retreat](#).

Mizzou NSF CAREER Club

Early career researchers in [Mizzou’s CAREER Club](#) plan for, submit or resubmit competitive applications to the National Science Foundation (NSF) CAREER Program. Participants receive training, support and consultation from first draft to submission. [Apply by Dec. 8](#).

Tips and reminders



Compliance reminders

After an investigator receives approval to conduct research with human participants, the Institutional Review Board (IRB) continues monitoring the study to ensure federal regulations are met. [Please watch for these commonly missed areas of compliance](#).



Mizzou's hottest deliveries

How is radioactive material safely delivered on a busy campus? The Environmental Health & Safety office has rigorous protocols in place from the moment a package arrives. [A radiation safety specialist explains the process](#).



Guard your work

Predatory publishing doesn’t just take advantage of authors by misrepresenting review, editorial and fee structures. It also hinders access to the work itself, hurting the overall research effort. [Get tips and access a useful guide from Mizzou Libraries](#).

Researcher opportunities

NextGen Pathways Symposium, March 12-13, 2026

[Submit poster abstracts](#) by **Dec. 12** for NextGen Precision Health’s annual research symposium for faculty, staff, clinicians, postdocs and students interested in collaborating to help solve health challenges. This year’s event will be at Missouri S&T.

Access advanced computing resources

The Division of Information Technology Research Support Solutions team is hosting a hands-on workshop from **9 a.m.- 4 p.m. Nov. 12** to help researchers access [computing resources through Nautilus, a large-scale computer cluster](#).

Take nine-question classroom survey

[Please complete the fall 2025 online survey for each classroom/lab in which you teach](#). Your feedback will aid Campus Facilities, the Division of IT and Environmental Health & Safety in addressing urgent needs and planning future improvements.

Know your locks

The safety of our campus community is a top priority. Each semester, identify and [learn how to use the door lock in your classroom](#).

Mark your calendar



Join three experts from the Missouri Department of Natural Resources to learn more about [water quality and how to keep our watersheds healthy](#), **10 a.m. Nov. 8**, Room 171, Bond Life Sciences Center.



[Don't miss Health Sciences Research Day](#). Enjoy poster presentations featuring research conducted by students and trainees from nursing and medicine and an awards ceremony, **8 a.m.- 5 p.m. Nov. 14**.

Deadlines

Institutional Biosafety Committee

Nov. 18: Submit research protocols for Dec. 18 meeting.

Institutional Review Board (IRB)

Nov. 25: [Submit](#) human subjects research applications, amendments and annual updates for Dec. 10 full board review.

Limited Submissions funding

Dec. 8: [Safety, Security and Privacy of Open-Source Ecosystems \(NSF\)](#)

Dec. 15: [NIH Enhancing Science, Technology, Engineering and Math Educational Diversity \(ESTEEMED\)](#)

[Research Education Experiences](#)

Events

President's Distinguished Lecture

Nov. 14 (2 p.m.) – “The Critical Need for a Space Force and Future Leaders to Guide It” with Gen. B. Chance Saltzman.

NextGen Precision Health Discovery Series

Nov. 18 (noon) – [“Trapped in Thought: Understanding Depression and Trauma Through the Brain”](#)

Entrepreneur Quest finale

Nov. 18 (4 p.m.) – Watch 10 student teams compete for \$30,000 in prizes to super charge their businesses.

Grant Connections meeting

Dec. 3 (10 a.m.) – “All About Request for Proposals (RFPs)” ([Zoom link](#))

In case you missed it



The research enterprise is powered by dedicated staff who ensure every day that studies involving people are conducted ethically and labs operate safely. [Meet two leaders who keep Mizzou thriving: Lori Wilcox and Chris Pearman](#).



Kelsey Raymond, executive director of entrepreneur programs and former Mizzou women’s golfer, was featured on the “Inside Mizzou Athletics” radio show last month. [Hear her five-minute interview](#).



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