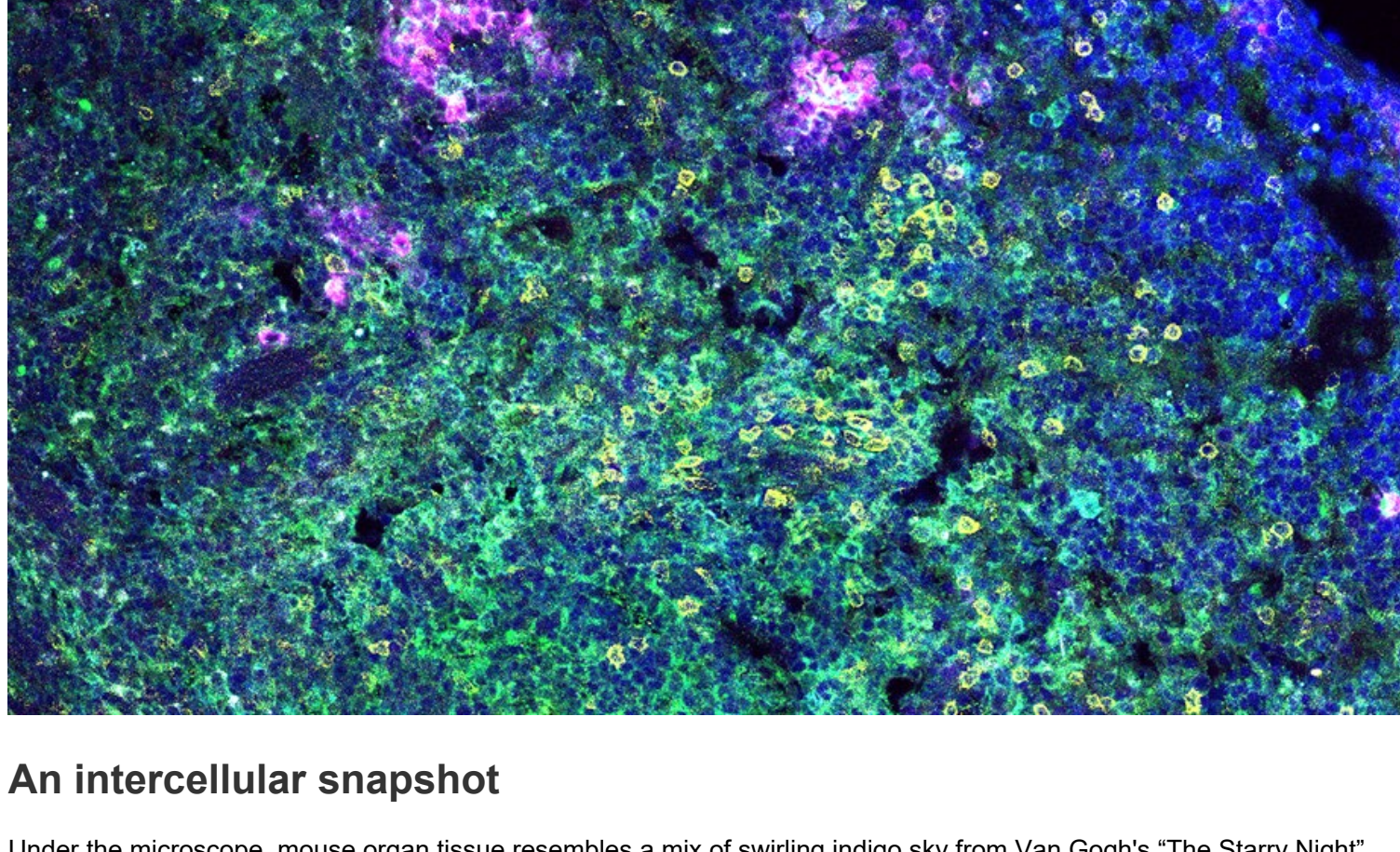


BRIGHT IDEAS

Insights & opportunities from Mizzou Research

Vol. 8, No. 3 — October 2025

[View grants and contracts awarded in August.](#)



An intercellular snapshot

Under the microscope, mouse organ tissue resembles a mix of swirling indigo sky from Van Gogh's "The Starry Night" and one of Monet's impressionistic water lily paintings. Its beauty unveils cellular information needed for discovery, and the [Advanced Light Microscopy Core \(ALMC\) makes it possible](#) for Paul de Figueiredo's lab by offering full-service imaging to guide his project from experimental design and sample prep to final image. Contact ALMC Director [Tara Finegan](#) to jumpstart your next experiment.



Rule-breaking ideas

Ten student teams landed spots in Mizzou's Entrepreneur Quest program after selling their innovative business ideas to a panel of judges at a Sept. 23 pitch competition. [See who made the cut and which team won the \\$2,000 audience favorite prize.](#)



Pressure relief for labs

[Venting caps designed to prevent dangerous pressure buildup in chemical waste containers are now available](#) for campus laboratories thanks to a partnership between from the Environmental Health & Safety office and the MU Research Reactor.

Professional development

Virtual Principal Investigator Leadership Program

Avoid common pitfalls in project management, meeting grant deliverables and team effectiveness while learning best practices at **noon-1:30 p.m. Oct. 13, 14, 15 and 16.** [Register by Oct. 6.](#)

Researcher Writing Retreat

Find a quiet place to read, write and think in community with other scholars during this semester's second retreat at **9:30 a.m.-2:30 p.m. Oct. 27.** 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 a competitive application to the National Science Foundation (NSF) CAREER Program. Participants receive training, support and consultation – from first draft to submission. [Apply by Dec. 8.](#)

Funding opportunities



Submit your proposal

Research Council grants up to \$15,000 are available to support research, scholarship and creative activities. [Apply for the second round of grants by Oct. 27.](#)

Develop advanced medical monitors

The Defense Health Agency, through the Medical Technology Enterprise Consortium (MTEC), announced [\\$13 million in funding for development of next-generation and expeditionary medical monitors](#) to enhance military patient care and triage. Multiple awards (\$3-4 million each, up to 24 months) are anticipated. White papers are due **Oct. 24.**

Improve patient care and outcomes

The Patient-Centered Outcomes Research Institute offers [three research funding cycles per year for comparative clinical effectiveness research.](#) Letters of intent are due **Jan. 6** for the first funding period in 2026.

Researcher resources

Powerful tool at your fingertips:

[Dimensions, the only database that contains funded grants, patents and publications,](#) is available to faculty, staff and students. Just log in with your Mizzou credentials or email researchanalytics@missouri.edu to set up a demo.

Research ready in 15 minutes courtesy of the Mizzou Libraries:

- [PsycINFO](#) – Oct. 8, 3 p.m.
- [Scopus](#) – Oct. 9, 12:15 p.m.
- [PubMed](#) – Oct. 10, 12:15 p.m.
- [Simply Analytics](#) – Oct. 10, 3 p.m.
- [CABI Digital Library](#) – Oct. 14, 3 p.m.
- [ProQuest Historical Newspapers](#) – Oct. 16, 12:15 p.m.
- [Web of Science](#) – Oct. 16, 3 p.m.

Predatory Journals: The Dark Side of Open Access

Not all journals are created equal. Some exist solely to profit without offering real peer review or academic credibility. [Learn how to spot the warning signs and discover trusted tools](#) that will help you publish with confidence at **1 p.m., Oct. 15** (virtual).

Mizzou Week of Writing, Oct. 20-24

[See numerous events planned for the Mizzou community](#) during this celebration of writing and the writer, including a faculty writing retreat co-hosted by the Division of Research at **9 a.m.-3 p.m. Oct. 22**, Conley House.

Mark your calendar



Meet a rosy boa and learn about reptiles and amphibians when Mizzou student Claire Hanstein presents [Herpetile Hotspot: Discovering Herpetofauna in Missouri](#) at **10 a.m. Oct. 4**, Room 171, Bond Life Sciences Center.



[Don't miss Gen. B. Chance Saltzman, chief of space operations with the U.S. Space Force](#) at **2 p.m. Nov. 14** in Jesse Auditorium. He will discuss the critical need for a space force and future leaders to guide it.

Deadlines

Collaborations in Ecology and Evolution

Oct. 16: Submit vision statements by noon for Simons Foundation funding that supports research on genetic, ecological and evolutionary factors shaping organisms.

Institutional Biosafety Committee

Oct. 20: Submit research protocols for Nov. 20 meeting.

Institutional Review Board (IRB)

Oct. 25: [Submit](#) human subjects research applications, amendments and annual updates for Nov. 12 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

Extra Credit film series

Oct. 6 (6 p.m.) – "The Serpent and the Rainbow" and researcher panel discussion

Amazon Web Services Research Day

Oct. 10 (8 a.m.-3 p.m.) – Presentations and demos of cloud computing for academic researchers ([Register](#))

HRPP/IRB research compliance seminar

Oct. 13 (2 p.m.) – HRPP/IRB Post-Approval Monitoring: Common Findings and Corrective Action Plans ([Request Zoom link](#))

NextGen Precision Health Discovery Series

Oct. 13 (noon) – [Heartbeats, Brainwaves and the Tiny Switches Behind Them](#)

Fall Vendor Expo

Oct. 15 (10 a.m.-2 p.m.) – The latest products, services and innovations for researchers

Grant Connections meeting

Oct. 22 (10 a.m.) – Foundation Relations, Limited Submissions and Sponsored Programs ([Zoom link](#))

In case you missed it



Mizzou faculty from six colleges and schools [were named Curators' Distinguished Professors](#) and Curators'

Distinguished Teaching Professors — the UM System's highest academic honor.



[Check out the new student businesses that just opened in the Mizzou Student Center.](#) Divisions of Research staff at the

Griggs Innovators Nexus lead the hands-on program.



[A groundbreaking ceremony was held last month for two new additions to the MU Research Reactor](#) that will

streamline operations and greatly increase the number of cancer-fighting drug doses for patient care.



[The Missouri Innovation Center \(MIC\) appointed Charlie Boltzen as president, CEO and board director.](#) MIC operates

the MU Life Science Business Incubator and has supported hundreds of startups, including those founded by faculty.



Research, Innovation & Impact

University of Missouri



Bright Ideas

310 Jesse Hall, Columbia, MO 65211

573-882-9500

research.missouri.edu