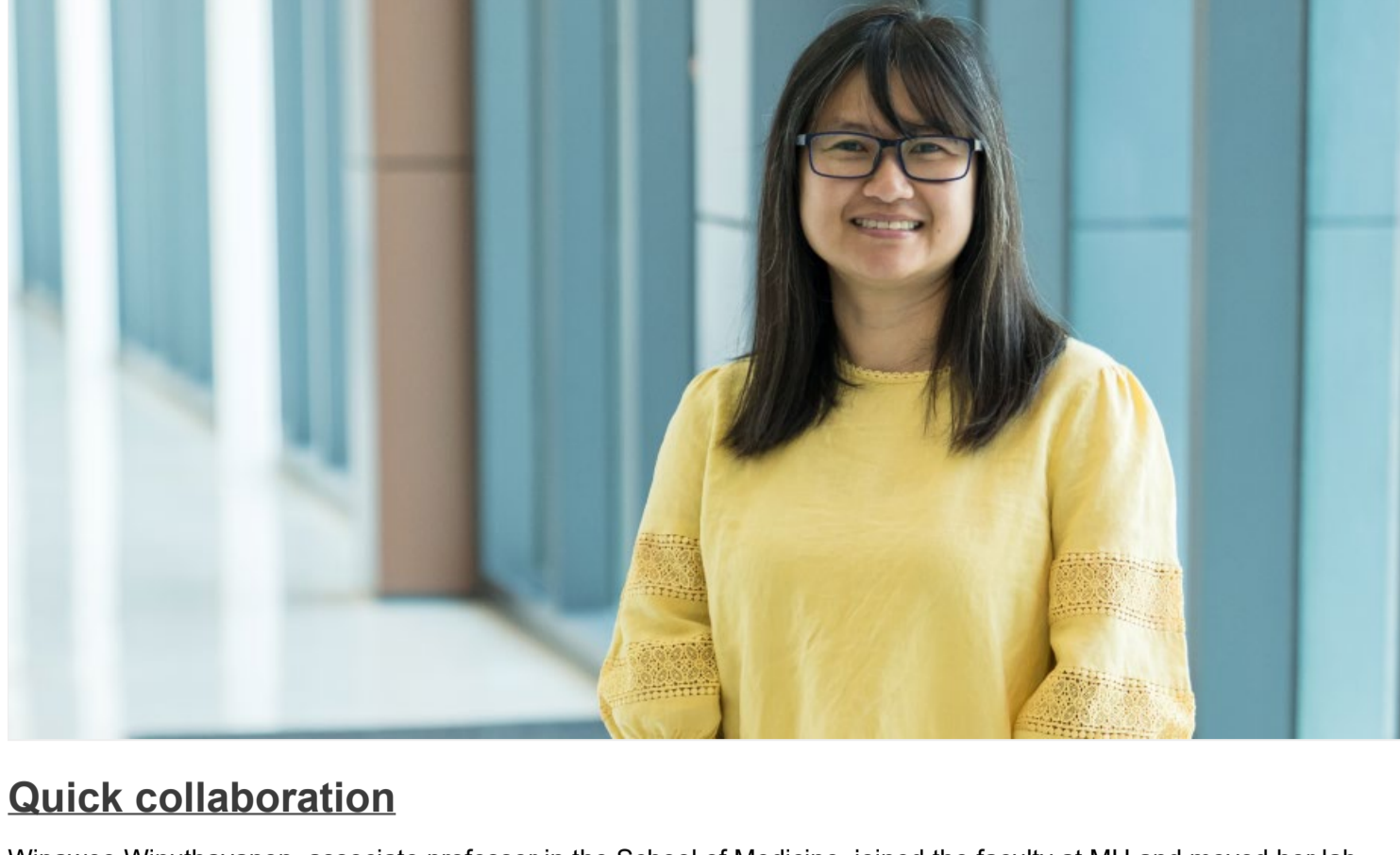




Research, Innovation & Impact

University of Missouri

August 2023



Quick collaboration

Wipawee Winuthayanon, associate professor in the School of Medicine, joined the faculty at MU and moved her lab into the Roy Blunt NextGen Precision Health building last year. Already she is making key collaborations with other NextGen researchers that could lead to breakthroughs in reproductive health.



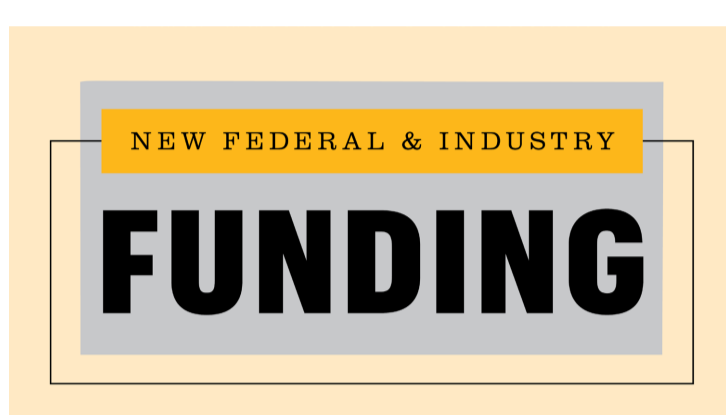
Fearless founders

Mizzou's Entrepreneur Quest program is a launch pad for student businesses and often a catalyst for additional funding and entrepreneurial pursuits. Graduates of the program share recent milestones.



Mining entrepreneurial genius

Veterans with service-connected disabilities participate in Mizzou's entrepreneurship bootcamp, a program that empowers them to make their business dreams a reality.



New grant and industry awards

See federal grants (any amount) and industry awards (\$50,000+) that MU received in May and June. You'll need to log in with your university credentials to access the list.



Protecting discoveries

The U.S. Patent and Trademark Office awarded 10 patents for Mizzou inventions during the first half of 2023. Twenty researchers from three colleges and schools were involved.



Cutting-edge computing

Researchers work hand in hand with IT technologists to advance MU's high-performance computing and win federal grants for projects like this 3D simulated environment.

Core knowledge



Revealing the invisible

Researchers use nuclear magnetic resonance tools to decode the structure of molecules and for the study of chemical and biological reactions. Learn more about Mizzou's oldest research core.

Resources for researchers

Access template toolkits for supplemental grants

Supplemental grants are available from federal agencies to extend, add to or build upon current awards. The Strategic Proposal Development Service (SPDS) has created template toolkits for selected grant opportunities as a starting point. [Please email SPDS](#) with any questions.

Human subjects research education and training available

The Division of Research will not be hosting its monthly HRPP/IRB seminar in August. Instead, check out the new U.S. Department of Health and Human Services series on YouTube: "[Respecting Persons – From Basic Requirements to Embracing Participant-Centered Informed Consent](#)." MU's previous [HRPP/IRB seminars](#) also are available.



Accelerate your research

Welcome to the 2023-24 academic year. If you need a refresher on all the division offers, check out the booklet we created for new faculty. You'll find information on departments and the resources available to help you get funded and manage your project.

Apply for postdoctoral research support

Tenured faculty are invited to apply to the Research Excellence Program by **Sept. 5** for funding to hire postdoctoral scholars. Learn more in the [program flyer](#) and the [call for applications](#). Questions? [Email Valli Sarveswaran](#), director of the Office of Postdoctoral Education.



Refresh your lab safety posters

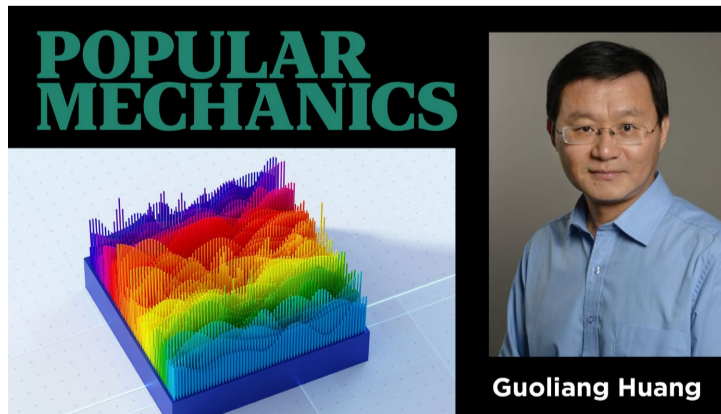
New, downloadable, MU-branded posters cover basic safety measures for labs on campus.

Professional development

From Mizzou:

- [Clinical Research Study Coordinator Bootcamp](#), **8/8:30 a.m. to 4 p.m. Aug. 24, 25**, Atkins Family Seminar Room, NextGen Precision Health building – Designed for research coordinators and staff. ([Register](#))
- "Applying for National Science Foundation (NSF) 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](#))
- [NextGen Clinical Trial Investigator Training](#), **5-6:30 p.m. Sept. 13, 20, 27 and Oct. 4, 11** (virtual) – Designed for investigators who currently lead or would like to lead clinical trials. Kickoff event is **Sept. 6**, Brown Visualization Room, NextGen building. *Space is limited; register as soon as possible for a spot.* ([Register](#))
- "Standout Graphics for a Standout Grant Proposal," **noon Sept. 22** (virtual) – We'll give you tips and strategies for making your proposal stand out from the crowd with informative illustrations. ([Register](#))
- "Principal Investigator Leadership Program," **3-4:30 p.m. Oct. 5, 12, 19, 26** (virtual) – Four-session program will teach you best practices and how to avoid common pitfalls in project management, meeting grant deliverables and team effectiveness. ([Register](#))
- "Applying for National Institutes of Health (NIH) Supplements: Why, When and How," **noon Oct. 20** (virtual) – Learn how to find NIH supplements, requirements for submitting requests and support available to help you craft an application. ([Register](#))

Media coverage



We can tell your story

The MU News Bureau can share new research grants and published work with the public through numerous media channels. For example, [research from Guoliang Huang](#) and his team was featured recently in [Popular Mechanics](#). Contact us at 573-882-6211 or [munews bureau@missouri.edu](#).

Important dates

Deadlines

Institutional Biosafety Committee (IBC)

Aug. 21: Submit research protocols for Sept. 21 meeting.

Research Council Grants

Aug. 21: Applications due by 5 p.m. Questions? [Email Internal Funding staff](#).

Institutional Review Board (IRB)

Aug. 25: [Submit](#) human subject research applications, amendments and annual updates for Sept. 13 full board review.

Limited Submissions Funding

Sept. 1: [NSF Major Research Instrumentation Program, Track 3](#)

Sept. 25: [NIH Postbaccalaureate Research Education Program](#) in Diabetes, Endocrinology and Metabolic Diseases

Fulbright Scholar Program

Sept. 15: [Submit application](#) for 2024-25 awards. Questions? [Email Fulbright Liaison David Crespy](#).

Events

NextGen Discovery Series

Aug. 9, noon, Atkins Family Seminar Room or virtual – "I Know Mom Is OK: Next-Generation Precision Health Care for Older Adults" with Rachel Proffitt, associate professor of occupational therapy. ([Register](#))

Extra Credit film series

Aug. 14, 6 p.m., Ragtag Cinema – Watch "To Wong Foo, Thanks for Everything! Julie Newmar" and enjoy a panel discussion with MU researchers.

Saturday Morning Science

Aug. 26, 10 a.m., Ragtag Cinema – Rex Cocroft, professor of biological sciences, will present "Can the Nice Green Leaf Hear the Very Hungry Caterpillar?"

Metabolics Association of North America

Oct. 23-27, MU campus – annual MANA conference; oral abstracts due Aug. 13; poster abstracts due Aug. 31. ([Register](#))

Things to know



Exploring passions

Fourteen Honors College students chosen as Cherng Summer Scholars designed and pursued their own research projects with support from Mizzou faculty mentors.

[More research news](#)



Reactor director named

Matt Sanford was appointed executive director of the MU Research Reactor in July. In this role, he will oversee all aspects of the most important university research reactor in the U.S.

[More accolades](#)

Division of Research, Innovation & Impact

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