



Research, Innovation & Impact

University of Missouri

June 2024

Look for the next Division of Research newsletter in August. We hope you have a great summer!

VIEW NEW RESEARCH GRANTS AND CONTRACTS

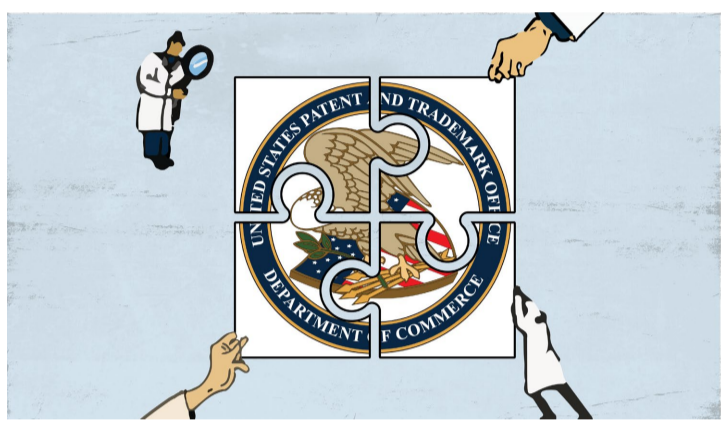


The Power of Iron

Bond Life Sciences Center
University of Missouri

How a missing iron protein leads to muscle weakness

In "Proceedings of the National Academy of Sciences," Ron Mittler, Curators' Distinguished Professor of plant science and technology, reveals how mitochondria in muscle cells fail to generate energy when one iron-sulfur protein is removed. This understanding could one day lead to treatments for Duchenne muscular dystrophy and age-related muscle deterioration.



The patent puzzle

In 2023, Mizzou received 16 U.S. patents for a variety of inventions. See which researchers successfully navigated the complex patent process in partnership with the Technology Advancement team.



Unveiling Missouri dialects

English Professor Matthew Gordon used recordings from a CAFNR oral history on the Missouri mule to uncover changes in Missouri speech patterns over time. Read more about his discoveries.



NSF policy changes

On May 20, changes and new requirements in NSF's Proposal and Awards Policies and Procedures Guide took effect. View a summary and download a one-pager from the Strategic Proposal Development Service (SPDS).



Elevate your art

Work with SPDS Proposal Illustrator Samantha Peters on graphics and drawings for articles connected to a current or previous grant award (first author must be from MU). There are limited spots, so hurry to [request assistance](#).

Professional development

Bootcamps for clinical research study coordinators

Research study coordinators and staff are encouraged to participate this summer in a two-day training at the Roy Blunt NextGen Precision Health building. See agenda and register for [June 6-7 bootcamp](#) or [Aug. 22-23 bootcamp](#).

Training for mentors of all stripes

If you mentor students, postdocs or faculty, consider the Aug. 5-8 Mentoring at Mizzou online training led by Christie Terry, director of professional development in the Division of Research, and Raquel Arouca, director of recruitment, retention and diversity initiatives for the Graduate School. [Apply to participate by July 24](#).

Important Dates

Deadlines

Institutional Biosafety Committee

June 18: Submit research protocols for July 18 meeting.
July 15: Protocols due for Aug. 15 meeting.

Institutional Review Board (IRB)

June 25: [Submit](#) human subjects research applications, amendments and annual updates for July 10 full board review.
July 25: Submissions due for Aug. 14 full board review.

Limited submissions funding

July 14: [NEH Summer Stipends](#)
Oct. 15: [NSF Major Research Instrumentation Program, Track 3](#)
Oct. 21: [NIH Enhancing Science, Technology, Engineering and Math Educational Diversity Research Education Experiences](#)

Events

HRPP/IRB research compliance seminar

June 10, 2 p.m. (virtual) — [Clinical and Translational Science Unit services](#)
July 8, 2 p.m. (virtual) — [IRB amendment form and process](#)
• [Request seminar Zoom links](#).

Extra Credit film series

June 10, 6 p.m. (Ragtag Cinema) – "Jurassic Park" and researcher panel discussion

NextGen Precision Health Discovery Series

June 25, noon — "[Long COVID-19 and Postural Orthostatic Tachycardia Syndrome](#)"
July 23, noon — "[Tools for Reducing Repetitive Thoughts That Reinforce Our Everyday Traumas](#)"

Grant Connections meeting

June 26, 10 a.m. (virtual) – Partnering with MU's Foundation Relations office ([Zoom link](#))

Things to Know



NextGen MURR's inaugural program director named

This week, Michael Hoehn II will take the reins as program director for NextGen MURR, Mizzou's initiative to build a new state-of-the-art research reactor that will expand critical medical isotope production and research.

[More research news](#)



Trout wins highly prestigious research prize

Dennis Trout, professor of ancient Mediterranean studies, received a Rome Prize Fellowship from the American Academy in Rome. The award will allow Trout to live at the American Academy in Rome and use the academy's resources.

[More accolades](#)

Division of Research, Innovation & Impact

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