

**MISSOURI S&T LIMITED SUBMISSION INTERNAL COMPETITIONS RETROSPECTIVE**  
**Office of the Vice Chancellor for Research & Innovation**

Agency	Opportunity Title	Submission Limitation	Agency Deadline	Designee(s)
Oak Ridge Associated Universities (ORAU)	Ralph E. Powe Junior Faculty Enhancement Awards	2	1/8/25	H. Schroer
DOE	Critical Minerals Innovation Hub	1	12/20/24	A. Luyima
NSF	Major Research Instrumentation (MRI) Program: Instrument Acquisition or Development	Track 1: 2 Track 2: 1 Track 3: 1	11/15/24	Track 1: A. Choudhury Track 1: V. Nadendla Track 2: M. ElGawady Track 3: Slot not filled
NSF	Accelerating Research Translation (ART)	An organization is allowed to submit one proposal as the lead organization per submission deadline	9/18/24, Agency presently adjusting deadline	G. Chen
NEH	Summer Stipends	An organization may nominate only one faculty member at this deadline	9/18/24	J. Pope
United States Nuclear Regulatory Commission (NRC)	University Nuclear Leadership Program, Scholarship and Fellowship Education Grant, Distinguished Faculty Advancement Grant, and Trade School and Community College Scholarship Grant	1* for each type of grant program	9/6/24	Scholarship - Schlegel Fellowship – Usman Distinguished Fellow - Newkirk
Department of Energy	Smart Technologies for Material and Process Innovation	Only 1 application per topic area: 1) Circular Economy, 2) Tooling & Equipment for Sustainable Transportation, 3) High-Performance	8/22/24	Topic 1, 2, and 3: F. Liou  Topic 4: J. Park

		Materials, and 4) Sustainable and Competitive US Mining (all slots have been filled)		
NSF	Regional Innovation Engines	An organization may submit no more than one Letter of Intent (LOI), one preliminary proposal, and one full proposal in response to this solicitation as the lead organization.	6/18/2024	M. Ferdowsi
Department of Energy	Reaching a New Energy Sciences Workforce (RENEW)	Applicant institutions are limited to three pre-applications and three applications as the lead of a multi-institutional team for each program. Applicant institutions may participate as team members, whether as a subaward or a non-lead part of a collaborative application, in an unlimited number of applications.	4/30/2024 required pre-proposal; 7/23/2024 full proposal	ASCR: S. Das BES: Y. Hor
W.M. Keck Foundation	Research Program	One submission per organization per cycle is allowed.	5/1/2024 required pre-proposal,	M. Eze

			8/15/2024 full proposal	
Department of Energy	Funding for Accelerated, Inclusive Research (FAIR)	Applicant institutions are limited to no more than one pre-application and one application for each PI at the applicant institution. Applicant institutions are also limited to three pre-applications and three applications for each program.	4/23/2024 required preproposal; 7/16/2024 full proposal	BES: Y. Gu, H. Wen
NSF	Partnerships for Innovation (PFI)	An organization may not submit more than one (1) new or resubmitted PFI-RP proposal to a deadline of this solicitation. An organization may not receive more than two (2) awards from a submission deadline of this solicitation.	5/7/2024	S. Das
Foundation for Food and Agriculture Research (FFAR)	New Innovator in Food and Agriculture Research Award	Institutions may submit one nominee to the 2024 New Innovator Award program	2/21/24 Mandatory Nomination, 4/3/24 Full Proposal	M. Eze
DoE	University Reactor Sharing	Each Host Institution is limited to one (1)	2/14/2024	J. Graham

		application under this RS&O FOA.		
NSF	Major Research Instrumentation (MRI)	3 + 1 Track 3	11/15/2023	Track 1: A. Choudhury Track 2: T. Sherizadeh Track 3: Y. Hor
NRC	University Nuclear Leadership Program	An institution may submit only one application in response to this announcement for each of the Scholarship, Fellowship, Distinguished Faculty Advancement, and Trade School and Community College Scholarship grant programs.	9/8/2023	J. Schlegel
DOE	Scientific Infrastructure Support for Consolidated Innovative Nuclear Research	*One application per reactor under the University Research Reactor Upgrade Infrastructure Support and one application under GSI. <b>NOTE: Reactor upgrade slot has been designated as of 8/8/2023.</b>	8/24/2023	Joseph Graham - Reactor Upgrade Slot
Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission Notice of Funding Opportunity (NOFO), Research and Development Grant, Fiscal Year (FY) 2023	No more than 2 applications per institution	5/26/2023	S. Usman

U.S. Department of Energy	Industrial Efficiency and Decarbonization Office (IEDO) FY23 Multi-Topic FOA	1 per topic area	6/23/23	R. O'Malley – Track 1 R. Smith – Track 2 M. Okoronkwo – Topic 7
U.S. Department of Energy	Science Foundations for Energy Earthshots	No more than 3 pre-applications and 3 applications	PA 4/24/2023 FP 6/21/2023	H. Ma – slot 1/3
NSF	Major Research Instrumentation (MRI)	3 + 1 Track 3	2/21/23	Track 1: F. Rezaei Track 1: C. Wu Track 2: T. Sherizadeh Track 3: Y. Hor
U.S. Department of Energy	Funding for Accelerated, Inclusive Research (FAIR)	3 per program	2/7/23 for mandatory pre-application	S. Saito (HEP) H. Kim (BES) H. Hodovanets (BES) D. Lipke (BES)
U.S. Department of Energy	AMMTO-BTO and OE FY22 Multi-Topic FOA	1 per subtopic area	2/3/23 for mandatory concept paper	H. Wen (subtopic 1.2 Harsh Environments)
NSF	Quantum Sensing Challenges for Transformational Advances in Quantum Systems (QuSeC-TAQS)	2	12/16/22 for mandatory pre-proposal	G. Grubbs
U.S. Department of Energy	Scientific Infrastructure Support for Consolidated Innovative Nuclear Research	2	11/29/22	Reactor Upgrade: J. Graham GSI: H. Wen
U.S. Nuclear Regulatory Commission	University Nuclear Leadership Program (formerly the Integrated University Program), Scholarship and Fellowship Education Grant, Distinguished Faculty Advancement Grant, and Trade School	3	10/20/22	Scholarship: J. Schlegel Fellowship: S. Usman Fac Advncmt: A. Alajo

	and Community College Scholarship Grant			
National Science Foundation	Regional Innovation Engines Broad Agency Announcement	1	9/29/22	G. Chen
Breast Cancer Alliance	Young Investigator Grants	2	7/22/22	J. Wu
Department of Energy	Management and Storage of Scientific Data	2*	6/15/22	X. Liang
Department of Energy	Chemical and Materials Sciences to Advance Clean Energy Technologies and Low-Carbon Manufacturing	3*	PA 3/16/22 FP 5/17/22	J. Switzer F. Rezaei
U.S. Nuclear Regulatory Commission	Funding Opportunity Announcement (FOA) Research and Development Grant	2	4/5/22	S. Alam H. Wen
National Science Foundation	NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)	2*	2/22/22	S. Sedigh-Sarvestani
National Science Foundation	Major Research Instrumentation	3	1/19/22	Track 1: K. Khayat Track 1: D. Lipke Track 2: Y. Hor
Oak Ridge Associated Universities	Ralph E. Powe Junior Faculty Enhancement Awards	2	1/7/22	X. Liang
Department of Energy	Scientific Infrastructure Support for Consolidated Innovative Nuclear Research	2*	11/11/21	General Scientific Infrastructure: H. Wen
University Consortium for Applied Hypersonics	Project Call: Request for White Paper/Prototype Proposal	3	NOI 10/13/21 WP 10/20/21 PP 1/24/22	S. Hosder
U.S. Nuclear Regulatory Commission	Notice of Funding Opportunity (NOFO), the University Nuclear Leadership Program (formerly the Integrated University Program), Scholarship and Fellowship Education Grant, Faculty Development Grant, and Trade School and Community College Scholarship Grant, Fiscal Year (FY) 2021	3*	10/4/21	Scholarship: J. Schlegel Fellowship: A. Alajo

National Endowment for the Humanities	Summer Stipend	2	9/22/21	P. Gamez
Alfred P. Sloan Foundation	Sloan Research Fellowship	3 per field	9/15/21	Physics: S. Saito
Department of Energy	Advanced Manufacturing Office Multi-Topic FOA	6*	CP 9/10/21 FP 11/5/21	2a: F. Liou
National Science Foundation	National Research Traineeship	2	9/6/21	G. Chen S. Frimpong
Department of Commerce	Manufacturing USA Technology Roadmap (MfgTech) Grant Program	1	8/17/21	V. Allada
University Consortium for Applied Hypersonics	Request for White Paper/Prototype: Core	3*	NOI 7/28/21, WP 8/2/21, FP 10/4/21	TA 1.1: F. Liou
U.S. Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission Funding Opportunity Announcement (FOA), Research and Development Grant	2	5/14/21	M. Al-Dahhan M. Okoronkwo
Department of Energy	Data Reduction for Science	2	PA 5/6/21 FP 6/4/21	T. Luo
Department of Health and Human Services	Underground Mine Evacuation Technologies and Human Factors Research	1	4/12/21	S. Frimpong
National Science Foundation	Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)	1 per college/school	4/7/21	CEC: S. Sedigh Sarvestani
Department of Energy	Materials and Chemical Sciences Research for Direct Air Capture of Carbon Dioxide	2	PA 3/30/21 FP 5/18/21	F. Rezaei
University Consortium for Applied Hypersonics	University Consortium for Applied Hypersonics: Project Call	3	2/22/21	W. Fahrenholtz F. Liou P. Mulligan
National Science Foundation	Ethical and Responsible Research (ER2)	1	2/22/21	R. Glaser
National Science Foundation	National Research Traineeship	2	2/5/21	S. Frimpong G. Chen
National Science Foundation	Improving Undergraduate STEM Education: Pathways into the Earth, Ocean, Polar and Atmospheric & Geospace Sciences	1	1/27/21	K. Grote

National Science Foundation	Major Research Instrumentation	3	1/19/21	K. Khayat F. Rezaei
Oak Ridge Associated Universities	Ralph E. Powe Junior Faculty Enhancement Awards	2	1/6/21	A. Tripathy Y. Wang
National Science Foundation	Artificial Intelligence (AI) Institutes	2	12/4/20	G. Chen
National Endowment for the Humanities	2021 Summer Stipend	2	9/23/20	E. Barbosa P. Gamez
National Institutes of Health	Emergency Awards RADx-RAD: Screening for COVID-19 by Electronic-Nose Technology (SCENT) (U18 Clinical Trial Not Allowed)	1	9/18/20	J. Huang
Alfred P. Sloan Foundation	Sloan Research Fellowships	3 per field	9/15/20	Chemistry: M. Okoronkwo Physics: S. Saito
Department of Energy	Advanced Manufacturing Office Multi-Topic FOA	1 per sub-topic	8/26/20	1.1: R. O'Malley 3.1: F. Rezaei
Critical Materials Institution	Open Innovation Project	1	8/21/20	L. Alagha
National Science Foundation	Innovation Corps Hubs Program (I-Corps Hubs)	1	8/13/20	B. Bachmann
Utah FORGE (Department of Energy)	Frontier Observatory for Research in Geothermal Energy – Milford Site, Utah	1 per topic area	8/10/20	TA1: A. Imqam TA2: A. Eckert
National Science Foundation	Partnerships for Innovation	1 for Research Partnerships Track	8/5/20	F. Rezaei
Department of Energy	Geothermal Technologies Office Hydrothermal and Low Temperature Multi-Topic Funding Opportunity Announcement	1	5/4/20	G. Olgun
National Institutes of Health	Biomedical Research Facilities	1	3/17/20	R. Brow
National Science Foundation	Ethical and Responsible Research	1	2/24/20	R. Glaser
National Science Foundation	National Research Traineeship	2	2/6/20	S. Frimpong L. Sneed

Department of Health and Human Services	Miner Safety and Health Training Program - Western United States	1	1/31/20	K. Awuah-Offei
National Science Foundation	Major Research Instrumentation	3	1/21/20	K. Khayat M. Okoronkwo G. Grubbs
National Science Foundation	ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers	1	1/15/20	A. Lueking
Oak Ridge Associated Universities	Ralph E. Powe Junior Faculty Enhancement Awards	2	1/8/20	R. Bo Y. Wang
Department of Energy	Scientific Infrastructure Support for Consolidated Innovative Nuclear Research	2	11/13/19	J. Graham H. Wen
National Science Foundation	Materials Research and Science Engineering Centers (Preliminary Proposal)	1	6/24/19	K. Khayat
National Science Foundation	Cultivating Cultures for Ethical STEM	1	4/22/19	E. Cudney
National Science Foundation	National Research Traineeship	2	2/6/19	F. Liou M. Zawodniok
National Science Foundation	Major Research Instrumentation	3	1/29/19	R. Dawes K. Khayat D. Lipke