




**SPRING
2026**

FULTON FORGE

**Student
Research
Expo**

forge.engineering.asu.edu

ASU Ira A. Fulton Schools of
Engineering
Arizona State University

About the **Fulton Forge Student Research Expo**

Learn about more than 100 research projects spanning seven research themes presented by students in the Fulton Undergraduate Research Initiative (FURI) program, and Grand Challenges Scholars Program (GCSP) research stipend.

Research opportunities

Fulton Undergraduate Research Initiative

The Fulton Undergraduate Research Initiative enhances an undergraduate student's engineering experience and technical education by providing hands-on lab experience, independent and thesis-based research, and travel to national conferences.

Grand Challenges Scholars Program research stipend

The Grand Challenges Scholars Program combines an innovative curriculum and cutting-edge research experiences into an intellectual fusion that spans academic disciplines and includes entrepreneurial, global and service learning opportunities. Students supported by the GCSP research stipend conduct research in a grand challenges theme and are invited to present their findings at Fulton Forge.

Sponsored research

Select FURI students are chosen to receive research funding from industry or other sponsors for one semester. This allows companies to connect with students conducting research aligned with their industries and provides students the opportunity to work with a company in their field. Alternatively, alumni or other sponsors can help students get the important opportunity to pursue research. Learn more about this semester's sponsors on page 10.

Learn about all of this expo's student researchers online at forge.engineering.asu.edu



Scan the QR code or use the link to learn more about the Fulton Forge Student Research Expo and find

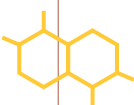
in-depth information about our student researchers and their projects. Browse spring research projects by student, research program, theme, student degree program, faculty mentor and more. Read the research abstracts and explore students' posters online at any time.

At Fulton Forge, students will have QR codes on their research posters that attendees can scan to view digital posters and learn more about their projects.



► IMPACT STATEMENT

Currently, there is a gap in research on how e-waste behaves in an environment. Work has been done to model the contraction of leaching metals in leachate, but no effort has been made to describe why or how particles behave when material breakdown occurs. If we understand particle interactions, it will contribute to potential future work to develop material reclamation strategies.



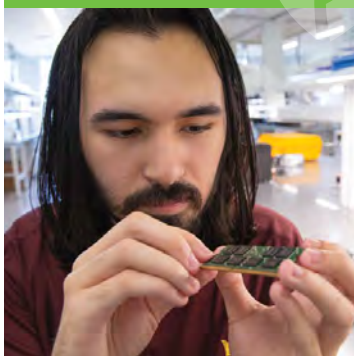
Kevin Shepard

FURI student researcher

Major: Engineering science (microelectronics)

Graduation: Spring 2028

Hometown: Glendale, Arizona



On the cover

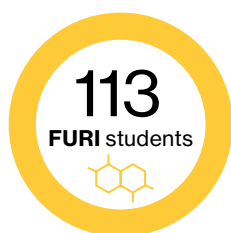
Quantifying the Mechanical Breakdown of E-waste in Laptops

MENTOR: JOANA SIPE

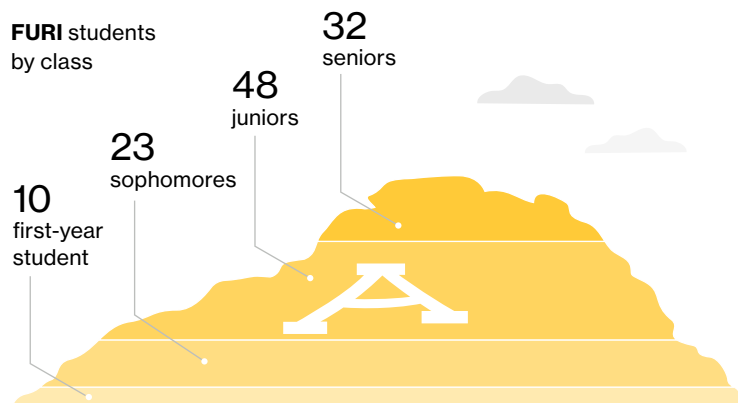
E-waste pollution in 2022 was an estimated 62 million tonnes, with 22.3% being properly accounted for and recycled, meaning the other 77.7% being unaccounted for most likely ends up in landfills and the environment. Between companies and consumers, companies are held to a higher responsibility than consumers, with consumers bearing individual responsibility rather than a pressured one. Within the project, personal products with high refresh rates were selected and broken down mechanically, simulating the primary mode of breakdown for polymers, which encompasses the outside casing protecting the internal electronics. This was testing using a novel mechanical breakdown machine to correlate force to mechanical fragmentation of the e-waste. Results found that major internal part exposure will happen by $(g/(m^2)*s)$, and heavy metal release can begin as soon as $(g/(m^2)*s)$ after. For future work, the devices and materials should also be tested in a TCLP solution to add in the other sources of breakdown, which may accelerate breakdown, and allow further transport of heavy metals in the system.

Snapshot spring 2026

Get to know this expo's participants.



FURI students by class



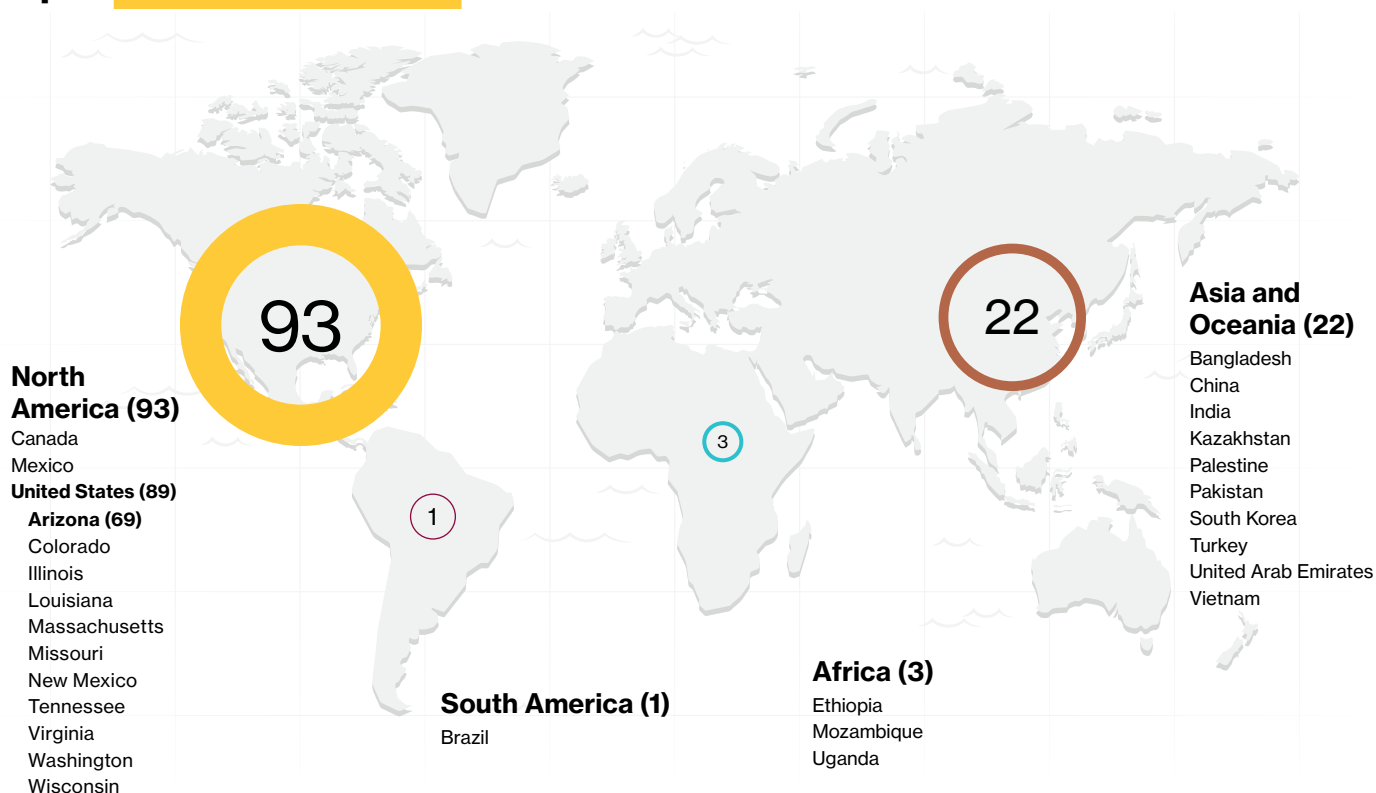
Fulton Forge

Spring 2026
Student Research Expo

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This expo's student researchers are from...



How do you **get started?**

- 1 Explore your research interests.
- 2 Identify possible research mentors.
- 3 Contact faculty members.
- 4 Prepare and submit your application.

FURI Fulton Undergraduate Research Initiative

Contact the Fulton Schools Student Success and Engagement office at furi@asu.edu with questions or advice on next steps.

For more information, visit furi.engineering.asu.edu



"FURI was my **gateway to the world of research** – speak to your professors and see if the opportunity is a good fit for you!"

– Kelvin Tan, FURI Spring '21 – Summer '21



Experience MORE during your graduate education

The Master's Opportunity for Research in Engineering program is designed to provide research experiences for graduate students who do not have other research opportunities. Develop an idea under the mentorship of a Fulton Schools faculty member and apply for funding!

MORE Master's Opportunity for Research in Engineering

Grad students: Curious about MORE? Contact more@asu.edu if you have questions about getting started.

Learn more at students.engineering.asu.edu/graduate/research/more



Ready to solve society's biggest challenges?

The Grand Challenges Scholars Program, recognized by the National Academy of Engineering, will prepare you when you complete the five program components:

- Complete research or creative project(s).
- Gain multicultural awareness.
- Develop an interdisciplinary systems perspective.
- Engage in entrepreneurship.
- Give back to the community through service learning.

Grand Challenges Scholars Program

For more information, please contact asugcsp@asu.edu.

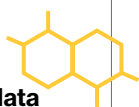
Apply today at gcsp.engineering.asu.edu/apply

Data

In an increasingly digital world, data collection is growing at a rapid pace. Fulton Schools faculty and student researchers devise innovative approaches and tools that will help us better process, analyze, use, manage and access data. New computational tools, algorithms and data analysis techniques, including hardware and software approaches, machine learning, data analytics, data-driven decision-making and more, will help advance scientific discoveries and collaborations across multiple fields where data use and capture is ubiquitous.

► IMPACT STATEMENT

This research serves to democratize data analysis by allowing non-programmers to perform more complicated queries using natural language. By automatically generating custom analytical functions, this works enables people of all fields to analyze their own data with less technical barriers. This helps to reduce inequality in technology access.



Catlynh Nguyen

FURI student researcher

Major: Computer science

Graduation:

Spring 2027

Hometown:

Tempe, Arizona



Translating NL queries into UDF-centric SQL queries using LLM

MENTOR JIA ZOU

Existing text-to-SQL systems assume all necessary database functions are predefined, yet real-world queries often require custom logic that must be generated on demand. This research investigates whether Large Language Models (LLMs) can translate natural language queries into both the required User-Defined Functions (UDFs) and the SQL queries that depend on them, using a multi-agent framework with iterative verification that evaluates correctness without relying on ground truth. Applied to a clinical dataset of 785,000 medical records, the system achieves full accuracy across seven medical UDF scenarios while an ablation-based memory analysis identifies which components of agent history are essential for reliable verification. Future work will systematically reduce specification requirements to evaluate how much domain logic LLMs can infer from natural language alone.



“I wanted research experience before applying to graduate programs and experience beyond coursework where I could work on open problems without clear answers.”

– CATLYNH NGUYEN



“My project will allow other universities and future students to more readily be able to develop their satellites. The resources that would have been used on development of the antenna can be spent on improving the satellite that is being built, as well as the research being conducted through the satellite platform.”

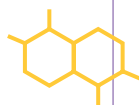
– ALEX JABER

Education

We are advancing the ways we educate engineering students. Fulton Schools research focuses on learning methods, cognitive theory and best teaching practices, as well as the integration of engineering concepts in K-12 educational programs to engage students early and educate our community about the impact engineering has on everyday life.

► IMPACT STATEMENT

This research provides more accessible satellite communications technologies which lowers the barrier of entry for projects in space.



Alex Jaber

FURI student researcher

Degree: Electrical engineering

Graduation: Spring 2027

Hometown: Chandler, Arizona



Deployable Crossed-Dipole Antenna for CubeSat Uplink and Downlink

MENTOR MICHAEL GORYLL

Space research is highly inaccessible due to the difficulty of engineering, research, and design of satellite hardware. CubeSats provide methods representing one of the lowest barriers to entry for accessing space research, and as such can be worked on by students without the budget needed for a larger satellite. This project aims to ease the communication aspect by delivering an open source design for a deployable CubeSat antenna at 915MHz using LoRa modulation, which will allow for appreciable data rates under non-ideal conditions. Deployability of the antenna is necessary to fit within the dimensions of a CubeSat, and open-sourcing the design allows for other researchers to manufacture and further develop the design for future satellite projects. Capability of the antenna will be tested by flying the antenna on a weather balloon and measuring RSSI and noise parameters on the ground. The end goal for this project is to lower the barrier for entry for space research, allowing for projects with fewer resources to be completed.

Energy

The urgency to discover and deploy new forms of carbon-reducing energy technologies has become an indispensable part of our economic and environmental landscape. Fulton Schools research in renewable and alternative energy sources is multifaceted, with efforts in solar energy, biotechnology, low- and high-power energy storage, power electronics, electric power systems, batteries and hydrogen fuel cells.

Lia Ryan

FURI student researcher

Major: Engineering
(robotics)

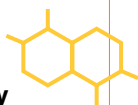
Graduation:
Spring 2027

Hometown:
Phoenix,
Arizona



► IMPACT STATEMENT

This project will impact the world by replacing the toxic waste producing nuclear fission reactors with nuclear fusion reactors that produce very little waste and can make much more energy with less input material.



Synthesis of Porous LLZO: A Promising Ceramic for Nuclear Fusion Applications

MENTOR XIN XU

This project aims to design and develop critical tritium breeding material to enable efficient tritium supply within fusion reactors. Specifically, porous lithium lanthanum zirconium oxide (LLZO) ceramics will be investigated as a candidate material, leveraging their high lithium-ion mobility and structurally robust framework for enhanced tritium breeding performance. If porous LLZO demonstrates favorable behavior under neutron irradiation conditions, it could contribute to the development of more effective tritium breeding strategies in future fusion reactor designs, supporting ongoing efforts toward reliable and lower-emission energy systems.

“The most memorable experience as a student researcher has been learning about different methods for creating low-density lithium lanthanum zirconium tantalum oxide.”

– LIA RYAN





“I am deeply motivated by the challenge of understanding the brain’s electrical language and translating that knowledge into clinical solutions.”

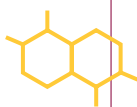
– CHIYA GOYAL

Health

Fulton Schools efforts in health innovation range from understanding the causes behind Alzheimer’s disease and improving methods for predicting epileptic seizures to developing advanced biosensors, bioassays and lab-on-a-chip devices for clinical diagnostics. Additional areas of research exist in novel biological materials, neural engineering, biomedical informatics, drug-delivery systems, health care systems analysis and modeling, health monitoring devices and human rehabilitation technologies.

► IMPACT STATEMENT

This project has the potential to impact the world by advancing how we diagnose and understand one of the most aggressive forms of brain cancer, glioblastoma.



Chiya Goyal

GCSP research stipend student

Major: Biomedical engineering

Graduation: Spring 2027

Hometown: New Delhi, India



Characterizing Glioblastoma Subtypes Using Electrical Impedance Spectroscopy

MENTOR ROSALIND SADLEIR

Electrical impedance spectroscopy (EIS) is a noninvasive technique that measures the electrical properties of biological systems. This research investigates whether EIS can distinguish glioblastoma subtypes using two human-derived cell lines, GBM 22 and GBM 115. Impedance spectra will be collected across a range of frequencies using a Spiospec system to analyze differences in conductivity related to cellular behavior. Identifying subtype-specific electrical signatures may provide a quantitative method for tumor characterization and support the development of improved diagnostic technologies.

Security

As technology develops at a faster rate, there is a growing need to develop engineering systems to keep people and infrastructure safe, including securing cyberspace, advancing secure communications, developing self-healing systems resilient to attack and identifying, monitoring and reducing threats. Fulton Schools faculty and student researchers address issues of national defense, homeland security, border security, cyberwarfare and more, devising technology solutions and addressing legal, policy and social implications.

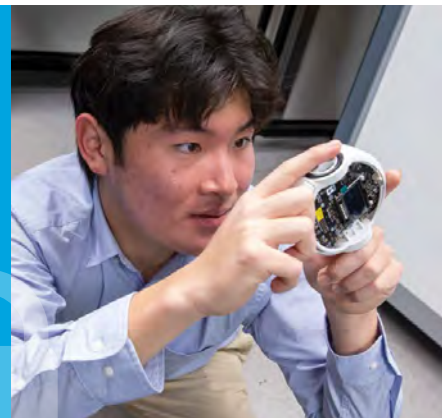
Daniel Fan

FURI student researcher

Degree: Computer systems engineering

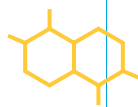
Graduation: Spring 2029

Hometown: Phoenix, Arizona



► IMPACT STATEMENT

This research presents a solution to potential problems with AI-assisted Internet of Things devices that integrates the Lingua Franca coordination language with an LLM-based AI agent in a MuJoCo simulation, ensuring safe, deterministic, and time-predictable machine behavior. By utilizing a coordination language like Lingua Franca, the system prevents unpredictable or insecure AI actions in real-world machinery, enhancing the synergy between machines and humans.



Deterministic Safety of AI Agent-Embodied Robots Using a Model-Based Design Approach and Lingua Franca Open-source Framework for Cyber-Physical System

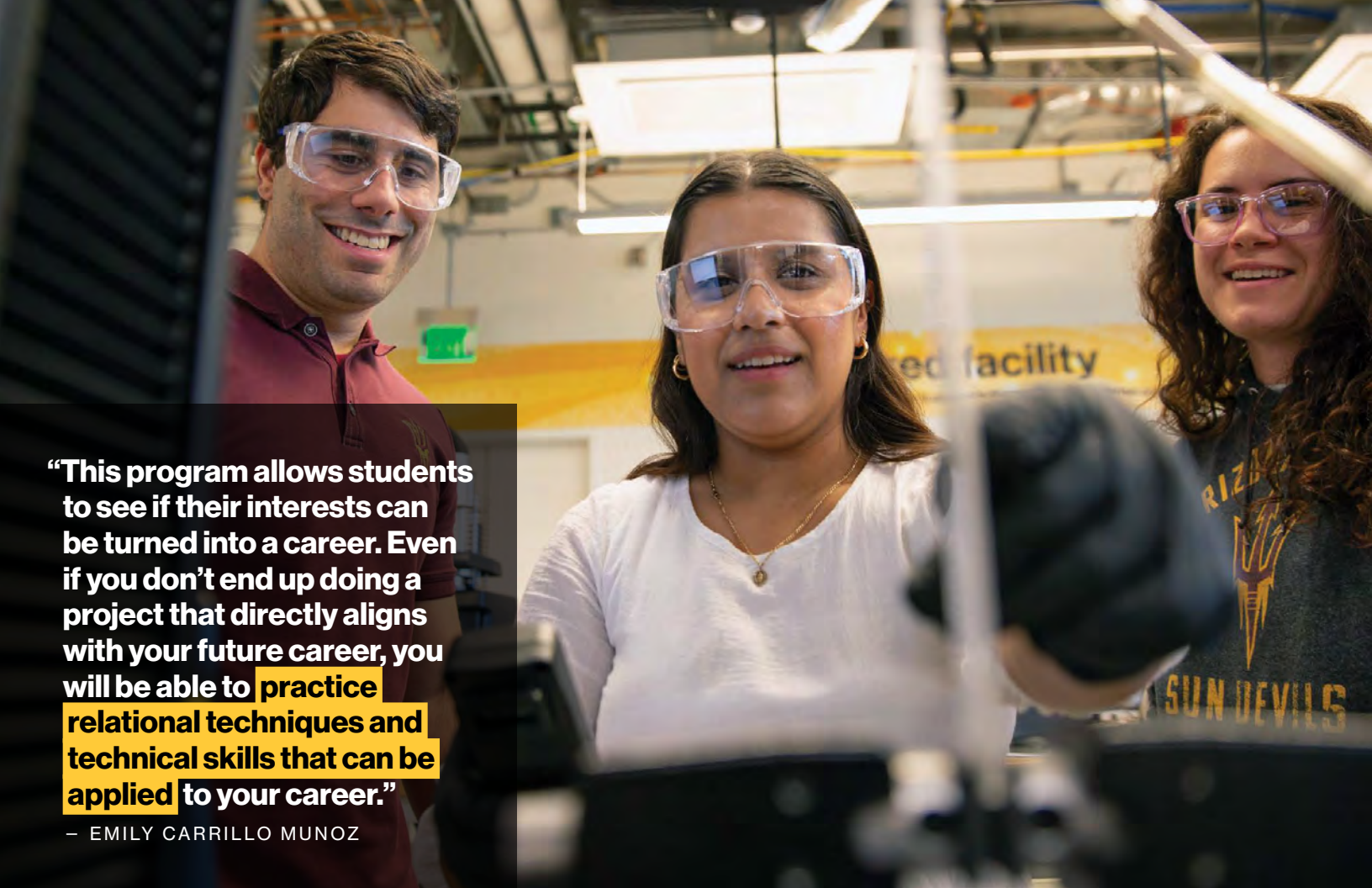
MENTOR HOKEUN KIM

This research investigates how deterministic and time-predictable behavior can be enforced in artificial intelligence (AI)-powered robotic agents operating within safety-critical cyber-physical systems (CPS). Nondeterministic AI outputs combined with unpredictable human behavior introduce dangerous timing variability in human-in-the-loop (HITL) systems, posing serious risks in real-world environments. Using the Lingua Franca (LF) coordination framework with a large language model (LLM)-based robotic agent in a MuJoCo physics simulation, this approach aims to identify measurable improvements in safety response reliability relative to an uncoordinated baseline. Future work will explore deploying this framework on physical robotic hardware in real-world human-robot interaction scenarios.



“Ever since I was young, I have always known I wanted to help people, and I thought the best way to do that was through research.”

– DANIEL FAN



“This program allows students to see if their interests can be turned into a career. Even if you don’t end up doing a project that directly aligns with your future career, you will be able to practice relational techniques and technical skills that can be applied to your career.”

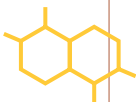
– EMILY CARRILLO MUNOZ

Semiconductor manufacturing

Semiconductor devices are part of our everyday lives, and the demand for techniques and processes to promote them continues to grow. Fulton Schools researchers drive innovation forward through advances in areas such as power electronics, wireless and mixed-signal circuit design, memory devices and architectures, solar energy and batteries, advanced packaging and new semiconductor materials. Expansive industry collaborations and unique facilities at ASU center Arizona as a hub for the American semiconductor revolution.

► IMPACT STATEMENT

This research study will be used to determine device reliability and weak adhesion points due to delamination allowing for an improvement in the mechanical reliability and durability of perovskite solar cells.



Emily Carrillo Munoz

FURI student researcher

Degree: Mechanical engineering

Graduation: Spring 2028

Hometown: Phoenix, Arizona



Quantifying Fracture Energy in Perovskite Using Shear Testing

MENTOR NICK ROLSTON

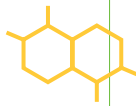
Metal halide perovskites are an emerging material for photovoltaic and semiconductor devices, but delamination and mechanical fragility affect their reliability. Mode II fracture energy ($G_{II,c}$) is currently understudied, and this study seeks to explore ($G_{II,c}$) in perovskite thin films deposited on glass substrates to simulate the failure that can occur in real-world conditions from changes in temperature. The machine used is a tensile tester that measures force and displacement until a fracture occurs (failure) by pulling apart on either side of the perovskite. The goal is to better understand mechanical failures and to improve future semiconductor devices.

Sustainability

The central thrust behind sustainability is the capacity of metropolitan areas to grow and prosper without destroying or depleting natural resources. Fulton Schools research focuses on restoring and improving urban infrastructure, access to clean water and air, advanced construction techniques and management, environmental fluid dynamics, transportation planning as well as geotechnical and geoenvironmental engineering.

► IMPACT STATEMENT

This research develops a sustainable engineering solution by using fungi to remediate sulfate and chloride-contaminated soils that damage concrete foundations.



Jamie Mbabazi Magezi

FURI student researcher

Major: Civil Engineering
(sustainable engineering)

Graduation: Spring 2028

Hometown:
Kampala, Uganda



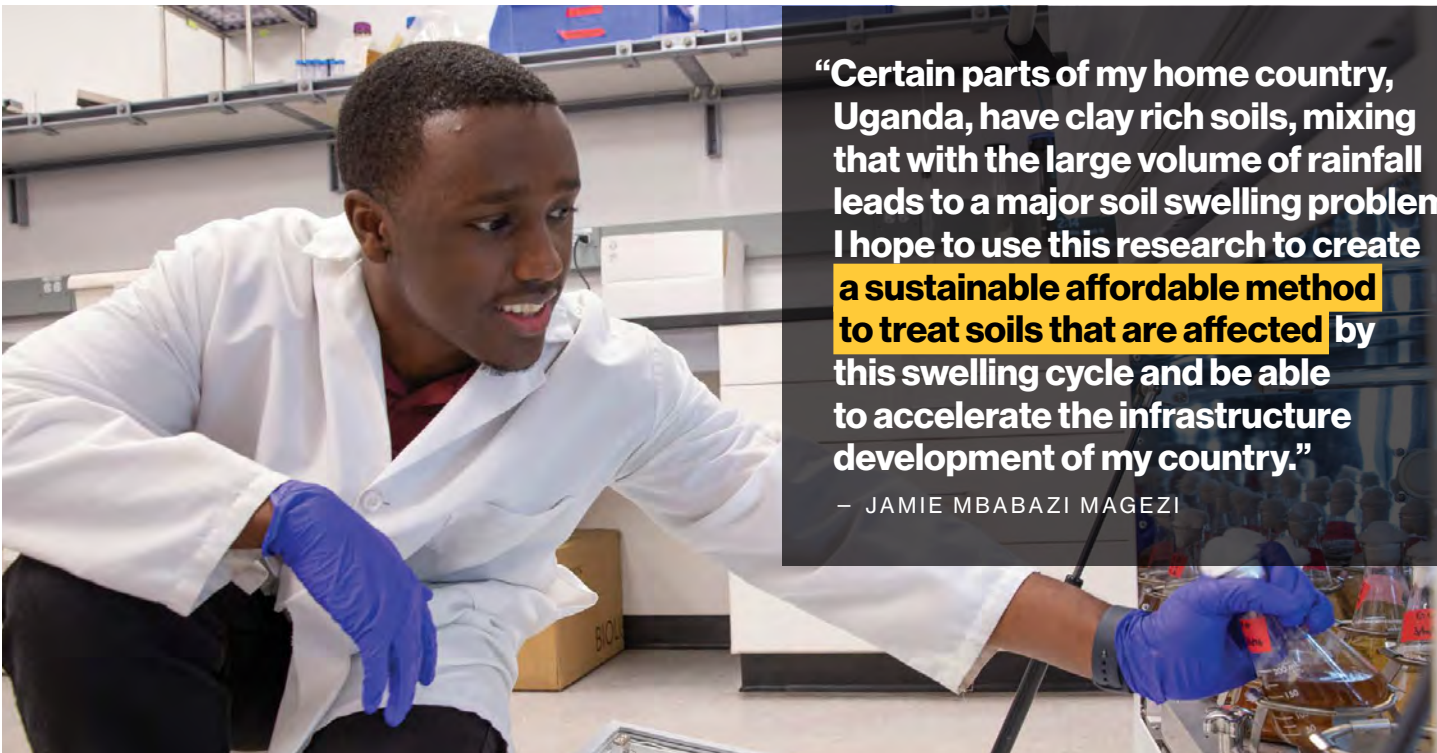
Sustainable Remediation of Sulfate-Chloride Contaminated Soils Through Fungal Biogeochemical Processes

MENTOR EMMANUEL SALIFU

Sulfate and chloride ions in arid and coastal soils pose challenges to concrete foundations by triggering expansive mineral formation and structural degradation. This research investigates whether *Pleurotus ostreatus*, hypothesized to remain metabolically active under moderate salt stress, can reduce sulfate concentrations in contaminated soils through sorption, transformation, or immobilization processes. Experimental trials were conducted in a 1-D column system using magnesium sulfate (8,000 ppm) mixed with fine sand and expansive bentonite clay, along with several doses of fungal inoculum- both living cultures and biomass. Initial results indicate that fungal presence reduced electrical conductivity (EC) in effluent (an indicator of dissolved salt) by approximately 57% relative to the magnesium sulfate-only control. The fungus also induced notable acidification, with a combined fungus-sand-sulfate treatment recording the lowest pH of 3.7. These findings suggest that *P. ostreatus* is metabolically active under high salinity conditions and may be altering ionic availability within the soil matrix. Future work will include ion chromatography (IC), X-ray diffraction (XRD), and scanning electron microscopy (SEM) analysis to identify mineralogical changes and confirm immobilization pathways across treatments with varying amounts of expansive clays.

“Certain parts of my home country, Uganda, have clay rich soils, mixing that with the large volume of rainfall leads to a major soil swelling problem. I hope to use this research to create a sustainable affordable method to treat soils that are affected by this swelling cycle and be able to accelerate the infrastructure development of my country.”

— JAMIE MBABAZI MAGEZI





Sponsored research

What are research sponsorships?

Industry companies or endowments sponsor select students presenting at Fulton Forge. These sponsors recognize the importance of undergraduate research in helping students learn and build knowledge through experience as well as the effect student projects can have in advancing society through technological developments.

What are the benefits?

Connect with top undergraduate students interested in research aligned with your industry. More than 150 students participate in undergraduate research each year. Funding support provides project supplies as well as faculty and student connections for \$500 per project per semester.



To learn more about sponsorship, contact David Wahls at david.wahls@asu.edu

TSMC

TSMC is a global leader in the semiconductor foundry business. The company's industry-leading process technologies and portfolio of design enablement solutions help its customers and partners unleash semiconductor innovation. With its recent expansion into Phoenix, TSMC sees the benefit of a strong partnership with ASU faculty and student researchers. TSMC supports the FURI program by providing additional funding for exceptional research projects related to the semiconductor industry. FURI student researchers who pursue a project related to the semiconductor manufacturing research theme are eligible for this sponsorship. TSMC-supported FURI students receive a stipend and a supply budget from the company to use for materials. Exceptional research proposals that align with the research theme of semiconductor manufacturing will be considered for this additional funding.



Learn all about TSMC sponsored projects.

W.L. Gore & Associates

W. L. Gore & Associates is a uniquely creative product leadership enterprise that has served a variety of global markets for more than 60 years and provides innovative solutions that its associates stand behind. The FURI-Gore Innovation Fellows program, new for the spring 2026 semester, is designed to prepare upper-level students in FURI for industry careers through a curated series of workshops and speaker sessions. The initiative also provides participants with access to a course delivered through ASU Microcredentials to complement their research experience with skills widely used in industry.

Students take part in a six-session workshop series focusing on technical and applied innovation, workplace collaboration, and career readiness. Through these sessions, FURI participants also learn about team dynamics and organizational culture.

FURI-Gore Innovation Fellows also receive financial sponsorship for access to a special ASU Microcredentials course focusing on root cause analysis. The course, delivered by an industry expert instructor, focuses on structured problem-solving tools used widely in engineering and industry. Upon completion, participants earn a digital badge that can be added to LinkedIn profiles and resumes to demonstrate the application of root cause analysis skills.



Learn all about W.L. Gore sponsored projects.



“W. L. Gore & Associates has proudly supported the FURI program at ASU for many years, and we continue to be impressed by the talent and curiosity of the students involved. We were pleased to contribute to this pilot program aimed at strengthening industry readiness and providing students with practical skills that complement their research experience. Initiatives like this reflect our shared commitment to advancing STEM education and preparing the next generation of innovators.”

— W. L. GORE & ASSOCIATES

Mentors

What is a faculty mentor?

Fulton Schools faculty members guide students through the research process in their role as FURI research program mentors. Mentors meet with their student researchers one-on-one and in lab settings for training, professional etiquette coaching and to serve as their students' guide for writing abstracts and designing research posters. Faculty mentors provide advice and professional development opportunities, including submitting research to conferences, applying for travel grant funding, submitting papers for publication and discussing career goals.

How to get involved

How would additional students help your lab? Encourage Fulton Schools students you know to apply for FURI research funding. Faculty members can mentor up to five students in each program per semester.

Each student will submit their research proposal, five research references, timeline, budget, personal statement, resume and unofficial transcript in their FURI application. Then faculty mentors are prompted to submit a Faculty Mentor Acknowledgment. If the review committee accepts the application, the student and faculty member will receive FURI funding for the chosen semester. If you don't currently have undergraduate or graduate student researchers and would like to find qualified applicants, you can reach out to furi@asu.edu and request to add your profile to forge.engineering.asu.edu/mentors for students to peruse.

Find out more at faculty.engineering.asu.edu/mentor-students

Meet this semester's outstanding mentors

Each semester, the FURI and GCSP research stipend programs select an outstanding faculty mentor from student nominations. These mentors share expertise, empower growth and autonomy, and support student success in a variety of research endeavors. Learn more about this semester's awardees and other exemplary mentors at forge.engineering.asu.edu/featured-mentors.



SPRING 2026 FURI OUTSTANDING MENTOR

Ryan Milcarek

Associate professor, School for Engineering of Matter, Transport and Energy

Expertise: Advanced energy conversion, solid oxide fuel cells, microcombustion, combustion, micro cogeneration



SPRING 2026 GCSP RESEARCH STIPEND OUTSTANDING MENTOR

Rosalind Sadleir

Associate professor, School of Biological and Health Systems Engineering

Expertise: Neural engineering and neural rehabilitation

Q&A with spring outstanding mentor Ryan Milcarek

What made you want to get involved as a faculty mentor?

I started working with students to prepare FURI applications during my first semester working at ASU more than seven years ago and I have continued to be involved with the program ever since. These programs provide a remarkable experience for students to learn the process of planning, preparing, funding and carrying out research, all while completing their regular degree program. It is an excellent simulation that not only involves the physical acts of conducting research, but also the process of preparing a competitive proposal, having it reviewed, being selected for participation, budgeting and purchasing supplies, presenting their results, etc. All of these steps give students a broader picture of research and help them prepare for futures in research.

How have your FURI and GCSP research stipend students affected your research? Have they come up with any surprises or proposed new directions for your lab?

Several previous students that I have mentored in the FURI program have explored novel ideas that we otherwise wouldn't be able to explore. Every experience has been a learning experience for me as we explore new ideas and has led to opportunities for conference or journal publications for those students.

What is your favorite part about seeing your students conduct research?

I really appreciate the final poster symposium where students can present their work. They display a poster that has some words, images, names and ideas. What might not be apparent to an observer is that beyond the simple poster are literally hundreds of hours of work and effort that went into every step of the process of applying for, receiving and conducting the project. Along the way students have experiences that challenge them and expand their abilities, and it all comes together in the final Fulton Forge Student Research Expo.

What advice would you give to students who might be interested in participating in FURI and the GCSP research stipend program?

Don't be afraid to reach out to faculty members and ask to get involved, and don't get discouraged if the first faculty member you ask is not available to be your mentor. My first research experience as a student was good, but then I had another experience that was equally good and helped me gain new skills. Keep asking and trying and you will find that you are growing from each step in the process.



“Dr. Milcarek is very supportive of my broader ambitions in the field and has gone above and beyond to help me access other opportunities and resources outside of the FURI scope, setting me up for success in my future as an engineer.”

– NATALIE EDGINGTON, MECHANICAL ENGINEERING FURI STUDENT

“Dr. Sadleir has been instrumental in helping me develop core cell culture techniques and is always willing to assist with any questions or challenges at any time. Her dedication to mentorship and her commitment to supporting my growth as a researcher make her truly deserving of the Best Mentor Award.”

– CHIYA GOYAL, BIOMEDICAL ENGINEERING GCSP RESEARCH STIPEND STUDENT



SPRING 2026 STUDENT RESEARCHERS

Bailey Alex
Pranav Arun
Ahadu Tsotaselassie
Assegued
Rocco Barletta
Pranav Anandasai
Bhavaraj
Shatayu Bhojani
Adam Bondoc
Aaron Bournias
Alex Brown
Utkarsh Byahut
Will Cai
Emily Carrillo Munoz
Kai Castillo
Carlos Castillo Bock
Riana Chatterjee
Maverick Clar
Alex Coles
Giancarlo Cortes Bugarini
Nicholas Crawford
Diego Curiel
Jacob Damon
Jake Debreceni
Arda Dalyanci
Shubh Dwivedi
Natalie Edgington
Yaris Eidenbenz
Kyler Eenhuis
Sara Edmondson

Matthew Eisenberg
Blaise Faser
Joe Faris
Daniel Fan
Tyler Field
Luis Alejandro
Fuentes Gomez
Anirudh Gali
Gabriel Garcia
Bernardo De Oliveira
Geissmann
Jad George
Charlie Green
Adwita Goyal
Chiya Goyal
Kyra Gordon
Ila Hales
Evie Henry
Rayna Hylden
Nghi Huynh
E-Shaun Hsu
Joel Hudgens
Abraham Istanbouly
Mark Jaber
Aashir Javed
Kreish Jitesh
Koowum Joshi
Saarvi Kakde
Malaika Kamran Khan
Nur Khan

Sunyoung Kim
Sebastian Kond
Kashyap Hegde
Kota
Nicholas Lee
Kevin Li
Paulina Lopez Torres
Jamie Magezi
Wells Marcus
Rex Maxwell
Shayan Mazhar
Ethan McClintic
Jensen Menezes
Miah Miner
Shaheer Mohamed
Naghman Mousa
Susrik Mukherjee
Aarsh Nandra
Helen Nguyen
Catlynh Nguyen
Vibhas Novli
Declan O'Connor
Sean Orourke
Daniel Pace-Farr
Nik Patel
Shiv Patel
Katia Ponce
Rahul Rajesh
Zareen Rahman
Aryan Rauniyar

Mikko-Dakota
Roberts
Joseph Rotella
Alexander Roussas
Lia Ryan
Vivian Saavedra
Diego Sanchez
Matthew Sample
Twish Sanghvi
Lilli Seebold
Mason Seldes
Yuvan Senthil
Anuarzhan Seraliyev
Zaib Riyazuddin Shaikh
Raihan Shams
Kunal Sharma
Kevin Shepard
Lekha Shrivastava
Jacob Silber
Japjot Singh
Sreeram Sreedhar
Santhosh SRS
Mikey Swart
Anushka Tiwari
Jasmine Trang
David Alberto
Reyes Valdez
Harsh Vassaram
Sophia Wang
Grayson Young



**"I strongly
believe you
cannot have
a great city
without a
great school of
engineering."**

— Ira A. Fulton

Fueling innovation, building engineers

AT ARIZONA STATE UNIVERSITY, We've been educating engineers for Arizona and the world for nearly 70 years. With more than 32,000 students, we are building the engineers of the future and pursuing the discoveries and solutions to challenges facing society.

In 2003, Ira A. Fulton, founder and CEO of Arizona-based Fulton Homes, established an endowment of \$50 million

in support of ASU's College of Engineering and Applied Sciences.

His investment served as a catalyst, enabling the development of a dynamic portfolio of strategic initiatives that benefit our students and faculty and the communities where they live and work.

Throughout the years, Ira A. Fulton has been an active supporter of the school that bears his name.