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THE UNIVERSITY OF ARIZONA



August 2025

A new semester of science, stories, and community



Hello Caroline,

It's hard to believe summer is already behind us, but we're excited to jump into a new semester full of energy, events, and discovery!

Before campus buzzed back to life, we took a moment to reconnect with one another. From our "Meet Your Neighbor" gathering and BIO5 Membership meeting to the BIO5 Postdoctoral Fellows luncheon, more than 100 researchers came together to spark new collaborations and strengthen existing ones.

As we welcome students back, we're shining a spotlight on one of our own: Drew, a former intern and student worker whose BIO5 journey continues this fall as she begins her PhD. **[Her story is a great example of how mentorship can shape a path in science.](#)**

Speaking of student opportunities, the **[2025-2026 BIO5 Ambassadors Internship is open!](#)** We encourage U of A undergraduates from any major who are curious about the intersection of science and business at BIO5 to apply. Applications are due by Sunday August 31.

In this issue, you'll also find details on two upcoming fall events, a new center focused on accelerating biomedical device development, and an Arizona startup working to reduce food waste.

Featured Stories



How BIO5 mentorship shaped a scientist's journey

What began as an internship at the BIO5 Institute grew into a journey of mentorship, leadership, and discovery for Drew Seiser, now beginning her doctoral studies in Arizona Biological and Biomedical Sciences at the University of Arizona.

[READ MORE](#)

Upcoming



Wellness & Wonder Day 2025

September 20, 10:00 a.m. to 2:00 p.m.
Keating Lobby & Health Sciences Campus

Save the date to join BIO5 and various departments, colleges, and institutes for a day of science outreach and community events hosted across the U of A Health Sciences campus.

[More Information & Registration](#)



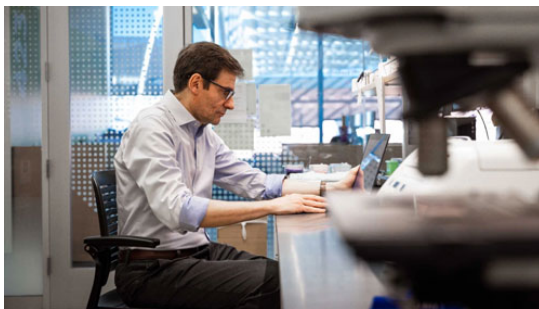
Research & Innovation Showcase 2025

October 14, 2:30 p.m. to 4:30 p.m.
Thomas W. Keating Building Lobby & Room 103

We welcome all University of Arizona faculty, students, and staff to present their research to promote interdisciplinary research collaboration across the university.

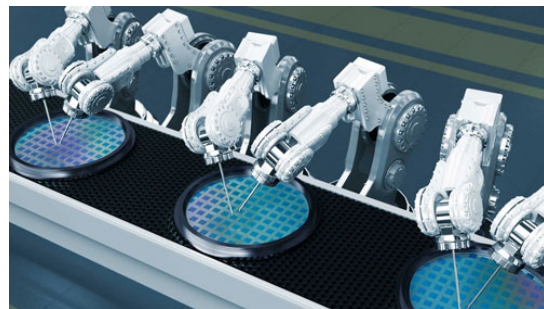
[More Information](#)

In The News



\$3.8M NIH grant will fund research into potential early COPD biomarker

BIO5 member **Stefano Guerra** is leading a new study that will analyze blood samples to identify a biomarker that could indicate an increased risk of contracting adult chronic obstructive pulmonary



Leveraging research, industry expertise to speed biomedical breakthroughs

BIO5 members **Shu-Fen Wung** and **Janet Roveda** are co-directing the new Center for Health and Technology, which unites nursing, engineering, and industry to accelerate biomedical device

disease (COPD).

development.

[Read in Research & Partnerships](#)

[Read in U of A Health Sciences](#)



Arizona startup tackles food waste with solar drying technology

BIO5 member **Goggy Davidowitz** co-founded a start-up to commercialize a solar-powered drying tower that reduces food waste by rapidly preserving surplus produce while lowering emissions and promoting sustainable agriculture.

[Read in Tech Launch Arizona](#)



Putting sleep at the center of health care

BIO5 member **Sairam Parthasarathy** leads research at the Center for Sleep, Circadian and Neuroscience Research, advancing sleep medicine through studies on sleep apnea, circadian health, COVID-19, and Alzheimer's while promoting equity and technology in health care.

[Read in Research & Partnerships](#)

Behind-the-Scenes



Bringing together BIO5 Postdoctoral Fellows

How lucky we are to support interdisciplinary researchers at BIO5! 🌟

Last week, we welcomed past and current BIO5 Postdoctoral Fellows to a luncheon at the Biosciences Research Laboratories on the University of Arizona Tucson campus. This annual gathering offered our fellows a rare opportunity to pause their busy research schedules, connect with peers, and engage in meaningful dialogue around research ethics.

With labs spread across campus and projects spanning the globe, these moments of community and collaboration are especially valuable.

Thank you to all our fellows for making the time to join us!

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Land Acknowledgment

We respectfully acknowledge the University of Arizona is on the land and territories of Indigenous peoples. Today, Arizona is home to 22 federally recognized tribes, with Tucson being home to the O'odham and the Yaqui. The university strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service.