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THE UNIVERSITY OF ARIZONA



September 2025

Celebrating discoveries and connections



Hello Caroline,

What a September! From new technology to family-friendly fun, the past few weeks were full of energy, discovery, and celebration at BIO5.

We **celebrated new artificial intelligence-powered MRI systems and the BIO5 Brain and Body Imaging Center**. This imaging resource will bring researchers together in exciting new ways.

Nearly 200 guests joined us for Wellness and Wonder Day 2025. The Keating Building was alive with curiosity, creativity, and hands-on science. Thank you to everyone who spent the day with us—we loved sharing it with you!

We also **relaunched the BIO5 podcast** with an episode exploring how computational biology and artificial intelligence are helping unlock puzzles in precision medicine.

Looking ahead, we are preparing for two annual events designed to spark collaboration: the **Research & Innovation Showcase on October 14** and the **Faculty Industry Networking Event on October 29**.

This month also gave us more to celebrate. Faculty will be recognized at the AZBio Awards, a startup is advancing new health tools, and we honored our newest Keating Family BIO5 Professor at a special reception.

Here's to more discovery and connection in the months ahead!

Featured Stories



University of Arizona celebrates new AI-powered MRI and BIO5 Brain & Body Imaging Center

State-of-the-art technology and interdisciplinary expertise position the university at the forefront of imaging innovation in Arizona.

[READ MORE](#)



BIO5 brings science and art to Wellness and Wonder

On September 20, around 200 guests joined BIO5 for science and art activities for Wellness and Wonder Day 2025.

[READ MORE](#)



Computational biology and AI: From puzzles to precision medicine

Dr. **Travis Wheeler** and his research group use computational methods to advance genome research, drug discovery, and precision medicine.

[Listen to Science Talks](#)

Upcoming



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 & Registration**](#)



Faculty & Industry Networking 2025

October 29, 5:00 to 7:30 p.m.

Grand Challenges Research Building

Are you a University of Arizona faculty or bioscience industry professional looking to connect and collaborate? Join us for this exciting networking and learning opportunity.

[**More Information & Registration**](#)

In The News



AZBio Awards to honor two U of A faculty members, startup company

BIO5 member **Melissa Herbst-Kralovetz** will be honored as Bioscience Researcher of the Year at the 2025 AZBio Awards for her work on women's health and gynecologic diagnostics.

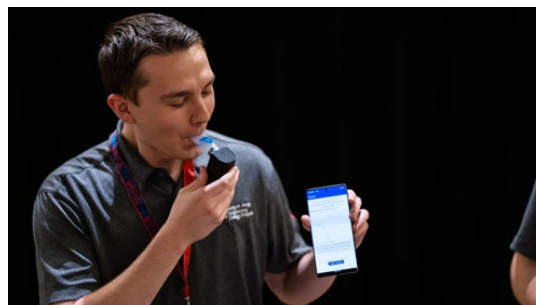


Study warns pest resistance threatens corn industry's newest biotech defense

BIO5 members **Bruce Tabashnik** and **Yves Carrière** found that corn rootworms are rapidly evolving resistance to new biotech defenses, underscoring the need for integrated pest management.

[Read in Research & Partnerships](#)**Pediatric oncologist Emmanuel Katsanis: Transforming cancer care for Arizona's youth**

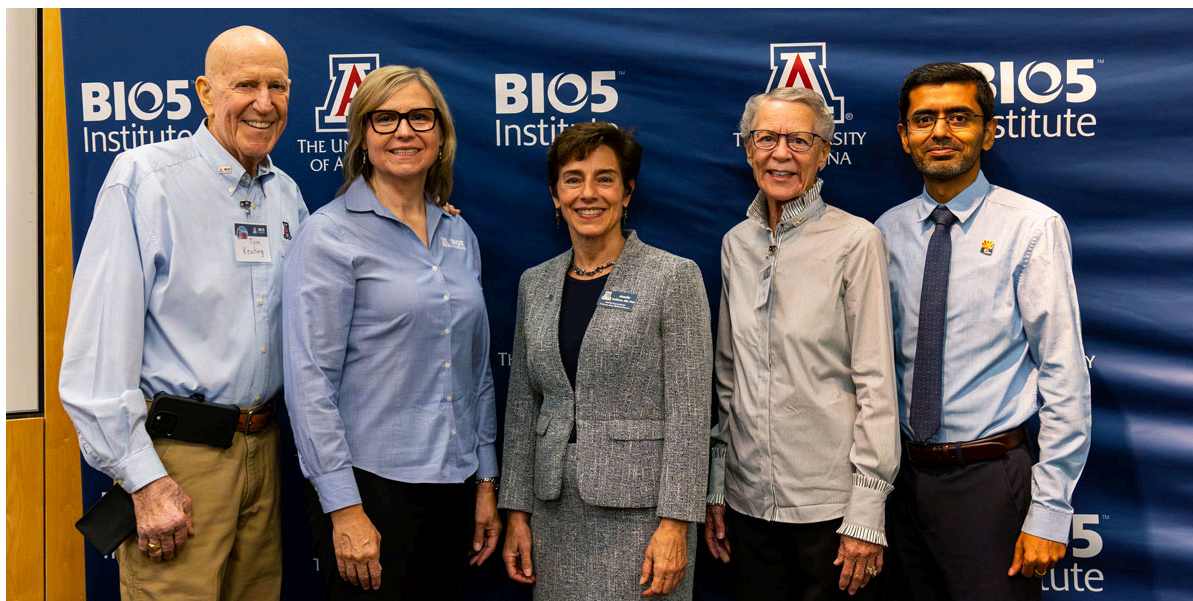
BIO5 member **Emmanuel Katsanis** has transformed pediatric cancer care in Arizona, leading advances in bone marrow transplantation and immunotherapy that have raised survival rates and expanded access to lifesaving treatments.

[Read in Cancer Center](#)[Read in U of A News](#)**Hold it now! App leverages resistive breath training for lower blood pressure**

BIO5 member **Fiona Bailey** has developed a smartphone app and device that use resistive breath training to lower blood pressure, offering a time-efficient alternative to medication and traditional exercise for managing hypertension.

[Read in Tech Launch Arizona](#)

Behind-the-Scenes



Honoring Amelia Gallitano with colleagues and friends

We recently hosted a private reception to celebrate Amelia Gallitano, PhD, as the 2025 Keating Family BIO5 Professor for Interdisciplinary Research.

Named to this distinguished professorship in July, Gallitano is recognized for her leadership in interdisciplinary bioscience, mentorship, collaboration, and science communication. A psychiatrist and neuroscientist, she bridges research, clinical care, and mentorship across the University of Arizona Phoenix and Tucson campuses.

It was a joy to gather friends, colleagues, and supporters to honor her impact and dedication to advancing mental health research. [Learn more about Dr. Gallitano and the professorship.](#)

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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.