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THE UNIVERSITY OF ARIZONA



July 2025

A hot month of events, transitions, and celebration



Hello Caroline,

While most of campus slows down in the summer, the BIO5 Institute stayed busy in July with groundbreaking research, exciting events, and big announcements.

First, we're excited to **welcome Noah Curtis as BIO5's new director of operations and administration**, effective July 21. We also extend our heartfelt thanks to Kate Riley, retiring director of finance, operations, and research administration. With more than 21 years of service, Kate has been instrumental in shaping BIO5's growth, and we're deeply grateful for her leadership during this transition.

On July 12, our eighth annual Inspiring Women in STEM event brought together an incredible group of people who **shared insights from the frontlines of discovery** across science, technology, engineering, and medicine.

And we wrapped up another year of the KEYS Research Internship with our biggest

class yet—celebrated at the [**annual research showcase highlighting their accomplishments.**](#)

In this issue, we'll take you inside the labs of 12 KEYS interns, highlight recent BIO5 inventions, and give you a sneak peek at what's coming this fall.

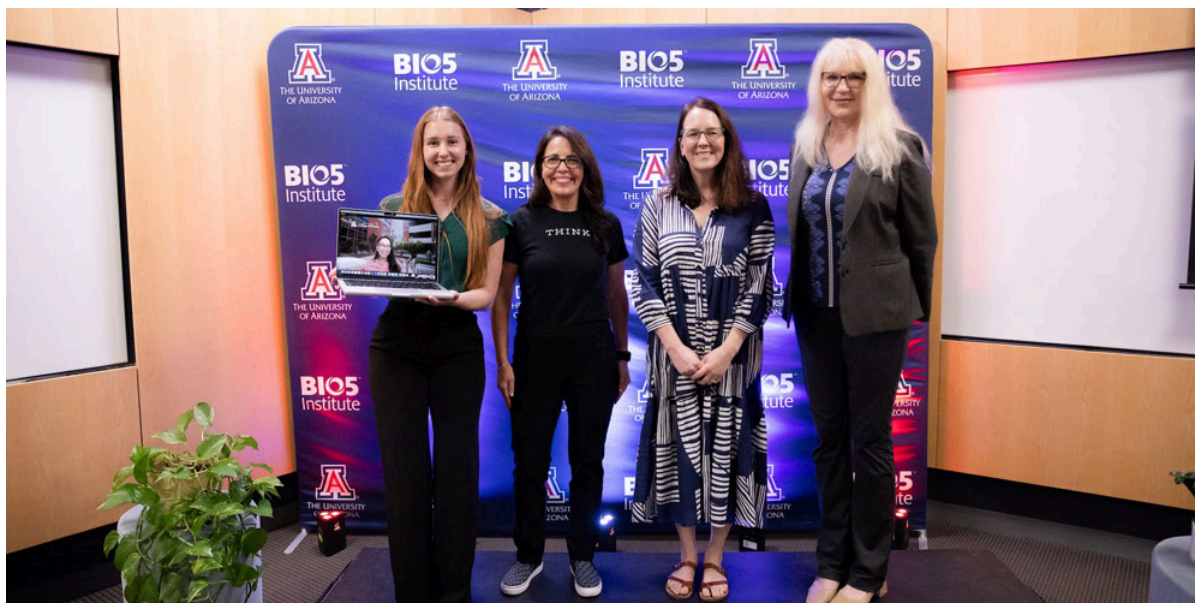
Featured Stories



Amelia Gallitano named 2025 – 2026 Keating Family BIO5 Professor for Interdisciplinary Research

The professorship honors Gallitano's impactful work in mental health research, her dedication to mentorship, and her leadership in fostering interdisciplinary collaboration at the University of Arizona.

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Stories from the frontlines of discovery

Over 60 students, faculty, and community members gathered for an afternoon of insight, storytelling, and inspiration from women shaping the future of science and medicine for the 2025 BIO5 Inspiring Women in STEM.

[READ MORE](#)



Inside KEYS 2025 and the next generation of Arizona science

Armed with curiosity and lab coats, the 2025 Class of the KEYS Research Internship didn't just observe science; they shaped it. Read 12 of their stories.

[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 info coming soon!*



Research & Innovation Showcase 2025

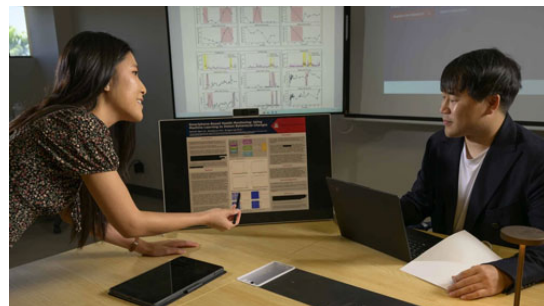
October 14, 2:30 p.m. to 4:30 p.m.

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



U of A again breaks record for impactful inventions

The university marked its most inventive year yet in FY2025, with 324 invention disclosures and 13 startups launched through Tech Launch Arizona, with over a dozen BIO5 members featured.

[Read in Tech Launch Arizona](#)

Can AI and a smartphone improve mental health treatment?

Graduate student **Hannah Vu** and her mentor BIO5 member **Eung-Joo Lee** are creating AI models to analyze smartphone data and detect behavioral changes that could lead to timely intervention and treatment.

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



New dermatology department to train physicians, researchers and safeguard skin health

BIO5 member **Clara Curiel-Lewandrowski** has been named the inaugural chair of the College of Medicine – Tucson's new Department of Dermatology, the nation's newest academic department to educate the next generation of dermatologists and expand research into skin cancer and diseases.

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



NIH awards \$2.8M to study environmental, chemical effects on women's fertility

BIO5 member **Zeliann Craig** is leading a study exploring how exposure to phthalates—a class of chemical compounds widely used in industrial applications—impacts fertility and metabolism, with the goal of uncovering ways to block or reverse these effects.

[Read in U of A News](#)

Behind-the-Scenes



KEYS 2025 interns shine at annual Research Showcase

The largest-ever class of KEYS interns wrapped up their summer with a bang, presenting original research at the annual showcase held July 18 at the University of Arizona Health Sciences Innovation Building.

More than 350 family members, mentors, and community supporters gathered to celebrate 65 rising young scientists. These impressive interns conducted research across a wide range of disciplines, including neuroscience, plant biology, diabetes care, women's health, and more.

They now join a growing network of 811 KEYS alumni. Congratulations to these outstanding students, and a huge thank you to the researchers and staff who made it all possible! 🎉🔬🎓

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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.