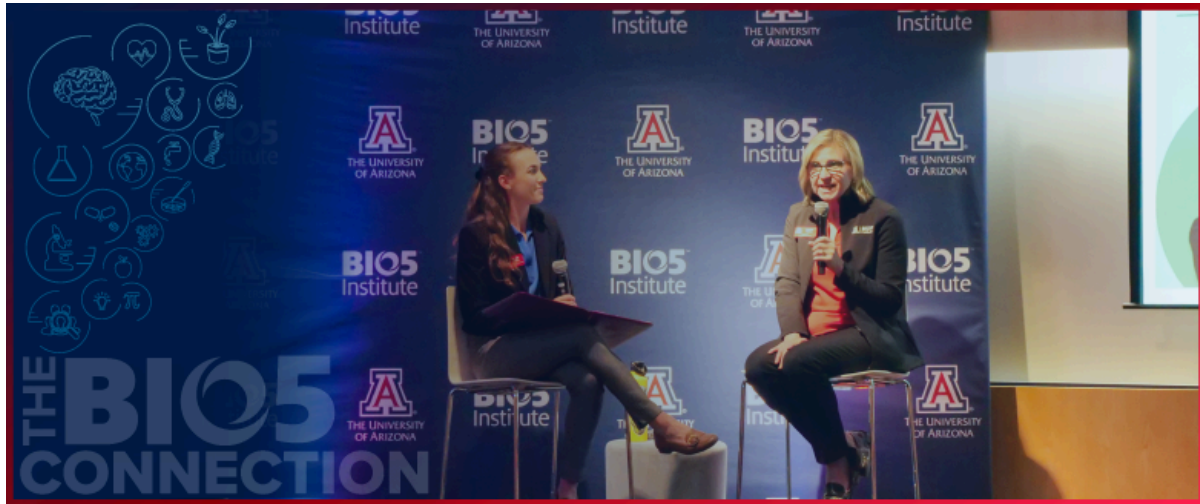


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THE UNIVERSITY OF ARIZONA



Hello ,

Our inaugural Behind BIO5 event was a success! We're grateful to all the community members who attended and scientists who shared their labs and stories. If you missed the event, you can read more about it in [our event recap](#).

In this newsletter edition, find out how a NIH grant will dive into the 'black box' of virology, learn about an exciting pilot program meant to encourage research entrepreneurship, and mark your calendars for upcoming summer events!

Featured Stories



Arizona community gets exclusive access at Behind BIO5 event

On April 3, the BIO5 Institute welcomed over 100 community members for an evening of intimate laboratory tours, captivating fireside chats, and engaging poster presentations by University of Arizona innovators.

[READ MORE](#)



Taking advantage of the body's electrical system to treat disease

Dr. Christopher Banek discusses his journey from writer to scientist, and how manipulating the body's nervous system is the next frontier for treating cardiovascular and kidney diseases.

[Listen to Science Talks Episode 53](#)



NIH grant will help researchers follow a virus on its path to the nucleus

The work of BIO5 member and virologist **Samuel Campos** on human papillomavirus has been recognized by the National Institutes of Health for its enormous potential with a five-year \$1.8M grant, giving his lab the flexibility to follow the research in whatever direction it takes them.

Read in the College of Medicine-Tucson



UArizona selected to participate in NSF-NobleReach Emerge partnership aimed at speeding biotechnology development and translation

Two BIO5 members, **Theresa Crimmins** and **Nirav Merchant**, had their projects chosen for a pilot program that pairs research teams with entrepreneurial experts in effort to establish long-term financial viability.

Read in Research, Innovation & Impact



UArizona startups selected for Flinn Foundation Bioscience Entrepreneurship Program

Companies spun out through university commercialization



Researchers identify key bacteria in Latina study participants' cervicovaginal microbiome linked to HPV and cervical cancer

A recent study by BIO5 member **Melissa Herbst-Kralovetz** and

continue to make strides toward success and impact, including Precision Epigenomics Inc., a molecular diagnostics company with origins at the BIO5 Institute.

her team is a call to action for more studies that will specifically inform cervical cancer prevention strategies in Latina women.

[Read in UArizona Cancer Center](#)

[Read in Tech Launch Arizona](#)

In The News

The social nature of ants

Arizona has more ant species than other state, and BIO5 member **Anna Dornhaus** dives into how ants' collective behaviors gives them significance in ecosystems.

[Read in Arizona Highways](#)

Arizona's long-COVID rate is higher than the national average and Hispanics experience symptoms at a higher rate than other groups

BIO5 member **Kristen Pogreba-Brown** speaks about what her team is seeing as part of the University of Arizona CoVHORT study.

[Read in Cronkite News](#)

Researching asthma in traditional rural communities

Studies found that traditional farmers did not suffer from lung diseases usually caused by dust in the fields where they worked. BIO5 member **Donata Vercelli** tells us why this is important for allergies and asthma in children.

[Listen on AZPM](#)

Upcoming



BIO5 Inspiring Women in STEM

July 13, 11:30 a.m. - 1:00 p.m.

Thomas W. Keating Building Room 103

Come listen to an panel of inspiring women from cross-disciplinary STEM fields share their unique journeys.



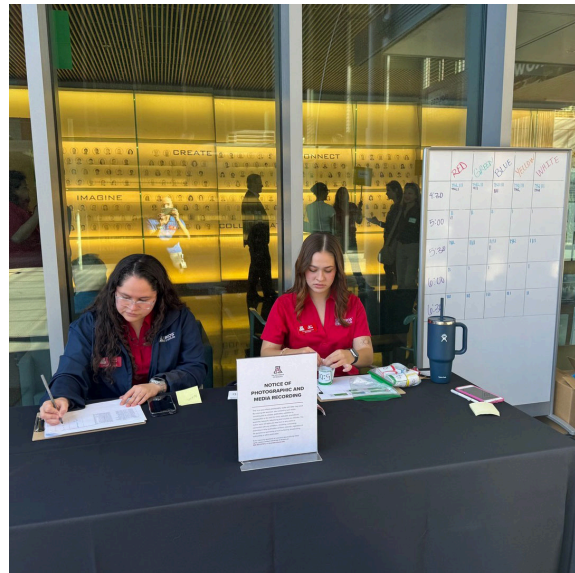
KEYS Research Showcase

July 19, 9:00 a.m. to 12:00 p.m.

Health Sciences Innovation Building (HSIB)

Celebrate the end of our unique summer research internship with incredible high school students.

Behind-the-Scenes



In honor of **#NationalSiblingDay** on **April 10**, we appreciated **sisters Ariana and Kyra Dillard** at the BIO5 front desk!

Ariana (left) is our stellar staff member ready to answer any questions and she's training her sister, UArizona student Kyra (right).

"I'm getting to learn a lot more about customer service," said Kyra.

The sisters say they get along well, so working together is pretty fun.

"She listens... most of the time," said Ariana.

The sisters worked as a team at the Behind BIO5 registration table. They checked in visiting guests, helped them find their tours, and gave them an overview of the event.

Thank you, Ariana and Kyra, for all your hard work!



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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. Committed to diversity and inclusion, the University strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service.