

SPECIAL EDITION

COVID-19 NEWS

NAU NORTHERN ARIZONA
UNIVERSITY

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Renowned pathogen expert discusses his team's far-reaching COVID-19 efforts

President **Rita Cheng** introduces Regents Professor **Paul Keim**, the director of the Pathogen and Microbiome Institute (PMI), who sat down for an in-depth interview about his research with NAU-TV's **Mitch Strohm**. Keim and his team are approaching COVID-19 research from a variety of angles, including modeling to understand and predict the disease's progression, testing the efficacy of different drugs before they are used in human studies and developing diagnostic and antibody tests, which will be critical in helping people safely return to normal activities.

"At this point in time, it's just all hands on deck," Keim said. "Everybody is moving toward solutions to the COVID-19 problem." [Watch the full video online.](#)



Scientists collaborate across NAU's research centers to create new physics-based technology for COVID-19 detection

¡MIRA! professor **Miguel José Yacamán**, a physicist and materials scientist, received a \$200,000 NSF grant to develop a test that is fast-acting and inexpensive while still reliably detecting and tracing infections. His team for this project includes biochemist **Andy Koppisch**, biomedical engineer **Rob Kellar**, microbial geneticist **Paul Keim** and disease ecologist **Dave Wagner**.
[Read more online.](#)



Responding to the response: NAU anthropologist conducting survey to gauge Americans' feelings on the country's response to COVID-19

Medical anthropologist **Lisa Hardy** knows a complex global problem like the coronavirus pandemic requires interdisciplinary solutions, so she put her experience in measuring community engagement and resilience to use collecting real-time data into what Americans are thinking. The nature of her work means that the results can be used in the country's ongoing response to the pandemic. She, faculty member **Leah Mundell** and grad students **Kayla Torres** and **Kevin Shaw** also are the U.S. partners in an international research project looking at these questions worldwide. [Read more online.](#)

[President Cheng appears on AZ Chamber's #SocialDistancingHappyHour \(VIDEO\)](#)

[Phoenix Suns Charities, Helios present student with full-tuition scholarship to NAU](#)

