

# NAI INSTITUTIONAL MEMBERSHIP

## MEMBER INSTITUTIONS

NAI is proud to have more than 250 institutions of higher learning in our global network, representing 42 American states and 14 countries. NAI Member Institutions are dedicated to creating a culture of innovation on their campus and in their community, as well as recognizing and celebrating their inventors, and facilitating tech transfer to bring impactful innovations to market. With this commitment, NAI Member Institutions are extended exclusive benefits that include the opportunity to house an NAI Chapter, allowing them to connect with the broader NAI network and beyond and honor their on-campus innovators through recognition and Chapter Membership. NAI Institutional Membership also provides the exclusive opportunity to name NAI Senior Members.

# 250

UNIVERSITIES AND INSTITUTIONS

125/146  
R1 UNIVERSITIES ARE  
NAI MEMBER INSTITUTIONS

110/251  
APLU UNIVERSITIES ARE  
NAI MEMBER INSTITUTIONS

71/77  
AAU UNIVERSITIES ARE  
NAI MEMBER INSTITUTIONS

82  
2022 TOP 100 U.S.  
PATENTING UNIVERSITIES

53  
2022 TOP WORLDWIDE  
PATENTING UNIVERSITIES

These world-class learning institutes are committed to facilitating discovery for societal progress and are invaluable as the world looks more and more toward academic discovery to solve our most pressing issues. This year, all 6 of the universities welcomed into the Association of American Universities (AAU) were NAI Member Institutions. In fact, all 71 AAU members are NAI Member Institutions, demonstrating their commitment to maintaining a strong system of academic research and education. NAI Member Institutions are also members of prestigious organizations and recognitions such as the Association of Land-Grant Universities (APLU) and R1 universities.

This fiscal year, the Academy has welcomed nine new Member Institutions: Portland State University, Clarkson University, Lieber Institute for Brain Development, King Abdulaziz University, United Arab Emirates University, UT Southwestern Medical Center, Tulane University, Beckman Research Institute of the City of Hope, and Texas Tech University Health Sciences Center.















Learn more about the benefits of becoming a Member Institution •

## SUSTAINING MEMBER INSTITUTIONS

NAI Sustaining Membership demonstrates the highest commitment to facilitating innovation, not just at their own institution, but in the broader innovation ecosystem as well. NAI Sustaining Members are dedicated to recognizing and celebrating the inventors of today and tomorrow, supporting next generation inventors and honoring their inventive faculty through expanded NAI Chapter opportunities. It is with their support that the Academy is able to develop programs and resources that serve the needs of both experienced and rising innovators, to support them at every stage of their innovation journey. Sustaining Member Institutions also receive added benefits such as institutional recognition on the Academy's website and special promotional opportunities on the Academy's media channels and at the NAI Annual Meeting, plus the opportunity to select guest editors for NAI's journal, *Technology & Innovation*.

Today, there are 14 Sustaining Member Institutions, one of which was welcomed into the Academy this fiscal year: United Arab Emirates University.

### Current Sustaining Members:

		
<a href="http://www.asu.edu">www.asu.edu</a>   <a href="http://www.auburn.edu">www.auburn.edu</a>   <a href="http://www.cuhk.edu.hk">www.cuhk.edu.hk</a>		
		
<a href="http://www.miamioh.edu">www.miamioh.edu</a>   <a href="http://www.ncsu.edu">www.ncsu.edu</a>   <a href="http://www.nyu.edu">www.nyu.edu</a>		
		
<a href="http://www.pmu.edu.sa">www.pmu.edu.sa</a>   <a href="http://www.ttu.edu">www.ttu.edu</a>   <a href="http://www.uaeu.ac.ae">www.uaeu.ac.ae</a>		
		
<a href="http://www.ucr.edu">www.ucr.edu</a>   <a href="http://www.ucf.edu">www.ucf.edu</a>   <a href="http://www.ufl.edu">www.ufl.edu</a>		
		
<a href="http://www.unl.edu">www.unl.edu</a>   <a href="http://www.usf.edu">www.usf.edu</a>		

SUSTAINING MEMBER



## ARIZONA STATE UNIVERSITY

### ASU's Bidesign Institute plays critical role in combating COVID-19

The Arizona State University Bidesign Clinical Testing Laboratory (ABCTL) was launched in March 2020 to quickly and accurately detect coronavirus for individuals who may have been exposed to the SARS-CoV-2 virus. To do this, the academic research team retrofitted their expertise and high throughput CLIA-certified diagnostic testing capabilities established during a \$40M project for the Biomedical Advanced Research and Development Authority. The lab developed a saliva test and was the first to make such a test widely available to the public.

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## AUBURN UNIVERSITY

### Waggoner and Auburn University CPS Pushing the Boundaries of Canine Detection

Dr. Paul Waggoner and the Auburn University's Canine Performance Sciences (CPS) program are innovating for man's best friend and expanding the boundaries on canine detection in previously untapped areas, including disease and infection detection.

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## THE CHINESE UNIVERSITY OF HONG KONG

### The Inventor of Non-invasive Prenatal Testing: Professor Dennis Lo

As a pioneer in the field of non-invasive diagnostics, Professor Dennis Lo leads a multidisciplinary team to develop the next generation tools for the analysis of cell-free nucleic acids and to study the biology and pathological characteristics of cell-free fetal nucleic acids that have not been unraveled to date. His research covers an enormous scope with a wide-range of applications and impact in healthcare.

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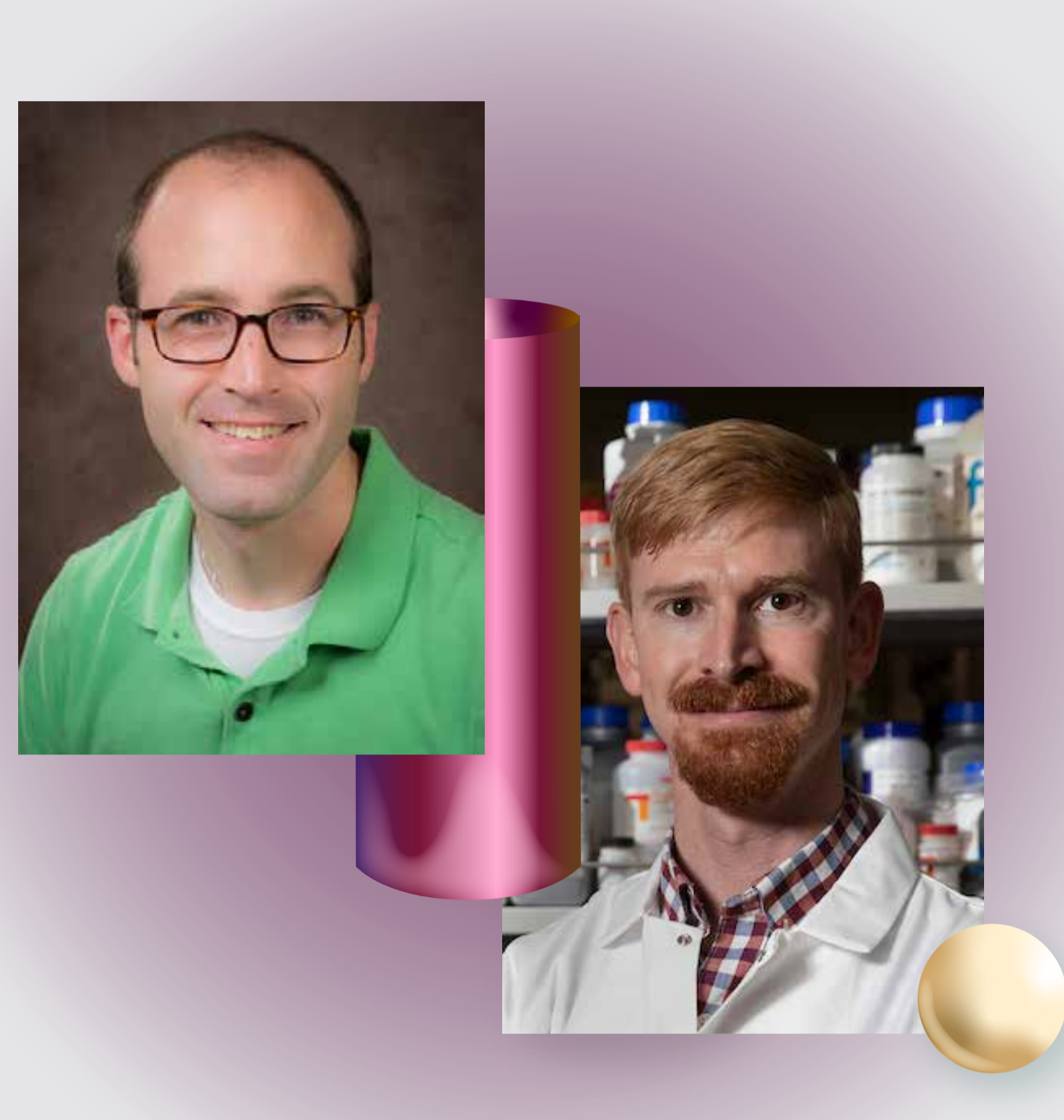


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## MIAMI UNIVERSITY (OHIO)

Researchers at Miami University have been awarded a \$1.5 million grant from PsyBio Therapeutics Corp. to expedite progress toward clinical trials of a portfolio of neuropsychiatric drugs. In 2020, PsyBio and Miami joined forces to develop and test a new class of molecules to treat mental health challenges such as depression, anxiety, PTSD, and substance dependency.

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## NORTH CAROLINA STATE UNIVERSITY

With impactful partnerships and innovative networks, NC State University is a research powerhouse and a strong economic engine for North Carolina.

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## NEW YORK UNIVERSITY

### New York University startup Manifold Robotics simplifies data collection with drones

Manifold Robotics is a spin-off company from New York University (NYU) that is developing specialized drones to tackle data collection in complex environments. The company was founded in 2017 by Jeffrey Laut, who earned a PhD in Mechanical and Aerospace Engineering from NYU Tandon School of Engineering, and his doctoral advisor Maurizio Porfiri, Institute Professor at New York University. Dr. Laut serves as the company's CEO and lead engineer, and Prof. Porfiri is involved as a technical advisor and consultant to the company.

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## PRINCE MOHAMMAD BIN FAHD UNIVERSITY

Through their NAI Chapter, PMU is honoring their ongoing commitment to support and encourage their innovators to pursue patents on technologies that solve real-world problems.

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## TEXAS TECH UNIVERSITY

### Texas Tech launches research center for sustainable food production

Researchers from Texas Tech University, in conjunction with four partner institutions, were awarded \$51 million dollars from the National Science Foundation (NSF) to establish the Engineering Research Center for Advancing Sustainable and Distributed Fertilizer Production (CASFER). Headquartered at Texas Tech, the center will enable resilient and sustainable food production by developing the next generation of modular, distributed, and efficient technologies for capturing, recycling, and producing decarbonized nitrogen-based fertilizers.

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## UNITED ARAB EMIRATES UNIVERSITY

### UAEU's National Water and Energy Center conducts innovation research addressing water and energy sustainability

Researchers at UAEU's National Water and Energy Center (NWECC) are creating low-energy and low-maintenance solutions for water desalination that could be a breakthrough in the industry.

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## UNIVERSITY OF CALIFORNIA, RIVERSIDE

Situated on nearly 1,200 scenic acres in Inland Southern California, UCR's diverse, inclusive, and globally focused community is creating a new model for what a great public research university can achieve.

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## UNIVERSITY OF NEBRASKA-LINCOLN

From car accidents to wildfires, UNL researchers are developing technologies that save lives with efficient and cost-effective solutions.

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## UNIVERSITY OF SOUTH FLORIDA

### Florida Inventors Hall of Fame Inductee Norma Alcantar Turns Family Wisdom into Trailblazing Career

University of South Florida Engineering Professor Norma Alcantar's induction into the Florida Inventors Hall of Fame this year is an honor that transcends countries, cultures, and her family's history.

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