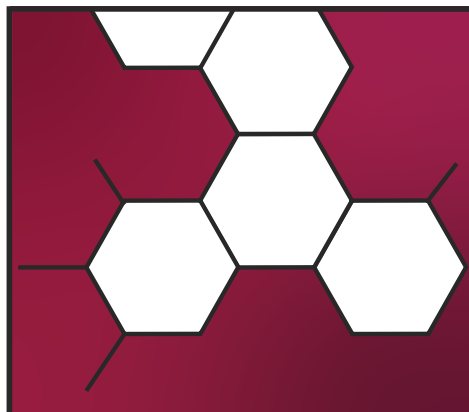
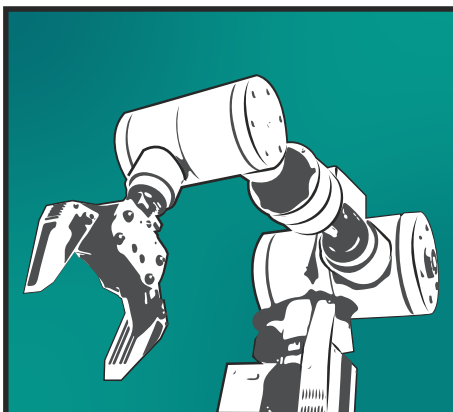


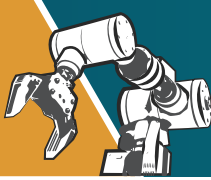
**UNLOCKING
INNOVATION**
KEYS TO SOCIETAL
SOLUTIONS

HOSTED BY NC STATE UNIVERSITY

13TH ANNUAL CONFERENCE
JUNE 16-18, 2024
RALEIGH, NC

NAI
NATIONAL ACADEMY OF INVENTORS





NC STATE UNIVERSITY

www.ncsu.edu

THANK YOU

FOR HOSTING THE

**NATIONAL ACADEMY OF INVENTORS
13TH ANNUAL CONFERENCE**



UNIVERSITY OF CENTRAL FLORIDA

CONGRATS!

2023 NATIONAL ACADEMY OF INVENTORS FELLOWS!



“My passion has been in making the world a better place. I am most excited about my ‘chapter three’ and the amazing things I can do next...”

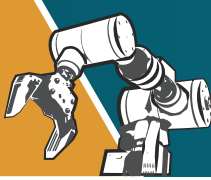
JASON EICHENHOLZ '95MS '98PhD

Courtesy faculty member in CREOL, the UCF College of Optics and Photonics and Co-founder and Chief Technology Officer of Luminar Technologies

EICHENHOLZ JOINS 18 UCF NAI FELLOWS!

- 2012** Leonid Glebov; Shin-Tson Wu and M.J. Soileau
- 2013** Michael Bass; Peter Delfyett, Jr. and Sudipta Seal
- 2014** Alexander Cartwright and Marwan Simaan
- 2015** Issa Batarseh and Guifang Li
- 2016** Nazim Muradov
- 2017** Aravinda Kar
- 2018** Ni-Bin Chang
- 2019** Mubarak Shah
- 2020** James Hickman and Martin Richardson
- 2021** Gregory Welch
- 2022** Richard George Blair

ucf.edu



The National Academy of Inventors is a member organization comprising U.S. and international universities, governmental and non-profit research institutes, with over 4,600 individual inventor members and Fellows spanning more than 300 institutions. It was founded in 2010 to recognize and encourage inventors with patents issued from the U.S. Patent and Trademark Office, enhance the visibility of academic technology and innovation, encourage the disclosure of intellectual property, educate and mentor innovative students, and translate the inventions of its members to benefit society. The Academy and the USPTO have enjoyed a collaborative partnership since the founding of NAI. Most recently this has been reflected in their joint mission to expand access to underrepresented individuals and institutions participating in the invention and innovation ecosystem.

www.academyofinventors.org



Distinguished Colleagues, Partners, and Friends:

On behalf of the National Academy of Inventors (NAI) Board of Directors and staff, it is my distinct pleasure to welcome you to NAI's 13th Annual Conference in Raleigh, North Carolina. I'd like to thank our host, NC State, for helping us to bring this conference to the Research Triangle where some of the nation's most incredible and impactful innovation is occurring.

In line with this year's theme, "Unlocking Innovation: Keys to Societal Solutions", we have assembled speakers and panelists from across the innovation ecosystem to facilitate discussions on best practices for impactful and inclusive innovation and how it drives positive societal and economic change.

I look forward to this event each year to watch NAI inventors from around the world gather to share insights, form collaborations, and encourage each other. We developed this program with you in mind and we hope that the discussions started during the course of this Annual Conference continue beyond these walls. I hope you take your insights, ideas, and ambitions for propelling the innovation ecosystem forward out into the world and continue to connect with your peers and friends made here. Together we are tackling the world's most complex challenges and creating solutions beneficial to all.

As with every Annual Conference, we look forward to inducting and celebrating our newest class of Fellows. This year, NAI welcomes 162 new Fellows who represent a truly outstanding caliber of inventors. The 2023 class of Fellows represents NAI's foundational and continuing commitment to diversifying innovation on all levels, with underrepresented inventors comprising 33% of this year's class. This year's class also showcases regional diversity with Fellows representing 35 U.S. states and 10 countries, exemplifying the Academy's belief that great innovators can be found everywhere.

Since 2012, the Fellows program has grown to include 1,898 academic inventors, representing over 300 non-profit research institutes, universities, and government agencies worldwide. Our Fellows collectively hold more than 63,000 issued U.S. patents and have generated more than 13,000 licensed technologies.

In addition to our Fellows, we will also be inducting 124 new Senior Members this year. Our Senior Member program has expanded greatly since its inception in 2018. With now over 550 Senior Members, this program recognizes rising luminaries in their fields who foster a spirit of innovation at their institutions and educate the next generation of inventors.

I would also like to take this opportunity to acknowledge and celebrate our Member Institutions. We could not do this work without their support. NAI is proud to have more than 260 institutions of higher learning in our global network, representing 49 American states and 13 countries.

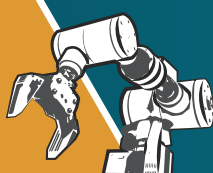
Our Member Institutions are home to our global network of NAI Chapters. Our Chapters serve as a vital part of the Academy's mission, serving as a hub of innovation at their institution and facilitating local collaboration, support, and recognition for individual inventors. Our Chapter network boasts over 2,400 individual members and we welcomed 5 new chapters over the past year.

We are especially grateful for our strong alliance with the United States Patent and Trademark Office (USPTO). They have been our partners since the Academy's inception and their continued support has allowed us to grow our programs and initiatives. The USPTO's impactful partnership can be seen at many levels of our organization – on our Board of Directors and committees, and in our publications and new initiatives. Through our Joint-Project Agreement, the USPTO and the Academy are working together to create resources and expand access to underrepresented individuals and institutions participating in the invention and innovation ecosystem. I'd like to thank Derrick Brent, Deputy Under Secretary of Commerce for Intellectual Property and Deputy Director of the USPTO, and Vaishali Udupa, US Commissioner for Patents, for joining us at this Annual Conference to help us welcome our newest class of Fellows and Senior Members and add their insight to our panel discussions.

As the Academy continues to grow in membership and visibility, we are creating initiatives and programs to help answer the needs of the broader innovation ecosystem, as well as developing resources for academic inventors at every level. I am truly proud of the Academy's accomplishments and I want to thank you, our members, partners, and friends, for the impactful roles you play in support of the continued success of the National Academy of Inventors. It is an honor to lead this exciting organization and I look forward to a very bright future.

A handwritten signature in blue ink that reads "Paul R. Sanberg". The signature is fluid and cursive, with the first name "Paul" being the most prominent.

Paul R. Sanberg, FNAI
President

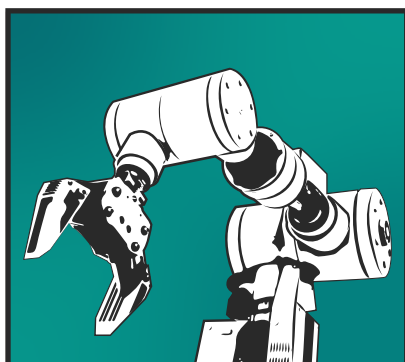


UNLOCKING INNOVATION: Keys to Societal Solutions

For the Thirteenth Annual Conference of the National Academy of Inventors, we aim to honor and empower the world's brightest innovators and professionals by creating powerful connections between them, generating a momentum that will enhance and transform our innovation ecosystem. The Annual Conference features stimulating presentations, networking opportunities, a celebration of our Senior Members, and culminates in the formal NAI Fellows Induction Ceremony and Gala Reception.

TABLE OF CONTENTS

About the NAI	4
Letter from the President	5
About the Location	7
Detailed Agenda	9-15
Board of Directors	16
NAI Staff	23
Program Committee	17
Presenter/Speaker Biographies	19-43
Sustaining Member Institutions	45-49
Member Institutions Since 2010	50-51
Thank You to Our Sponsors	52-58
Fellows Congratulatory Ads	59-76
Common Abbreviations	77
NAI Programs	78-79
Save the Date: 2025 Annual Meeting	Back Cover





The National Academy of Inventors is excited to welcome you to the 13th Annual Conference, hosted in vibrant Raleigh, North Carolina. Founded as the state capitol in 1792, Raleigh is steeped in history, culture and innovation. North Carolina's famed Research Triangle is anchored by three Tier-1 Research Universities that NAI is proud to have as Member Institutions: North Carolina State University, Duke University and The University of North Carolina at Chapel Hill.

The Triangle is home to a dynamic business ecosystem with over 7000 businesses that include technology, life science, sustainability and agriculture. As NAI continues to grow, not only with our incoming class of Senior Members and Fellows, but with our expanded program, it only made sense to hold the Annual Conference at the Convention Center in Raleigh! We want to thank North Carolina State University for hosting us and look forward to great presentations, robust discussions and celebrating our Senior Members and Fellows all while enjoying southern hospitality at its finest!





NAI + INNOVATE CAROLINA

Supporting lifelong innovators at every step



How can we bridge the gap from lab-based discovery to real-life impact? Explore next-level modes of innovation, entrepreneurship and economic development at the University of North Carolina at Chapel Hill. Our Innovate Carolina team is honored to partner with NAI to increase the impact researchers and inventors make in the world.

We move groundbreaking inventions to market, launch new enterprises, create new jobs, cultivate strategic partnerships and uncover new possibilities for the public good.

Join us as we educate and inspire — and work to help inventors innovate and transform research into impact on the human condition.

innovate.unc.edu
[#innovationmatters](https://twitter.com/innovationmatters)



Learn more about our programs and resources by signing up for our newsletter.





SUNDAY, JUNE 16, 2024

12:00 PM - 4:30 PM	Conference Registration & Information Desk Open Location: State Ballroom Foyer, Marriott City Center
12:00 PM - 2:30 PM	NAI Board Meeting & Brunch (Private) Location: Rye Private Dining Room, Marriott City Center
4:30 PM - 4:45 PM	Bus Departure for North Carolina State University Welcome Reception Location: State Ballroom Foyer, Marriott City Center
5:00 PM - 7:00 PM	Introduction of Host Sponsor Location: James B. Hunt Jr. Library <i>Sponsored by North Carolina State University</i> Paul R. Sanberg, FNAI , President, National Academy of Inventors North Carolina State University Welcome Location: James B. Hunt Jr. Library Rodolphe Barrangou, FNAI , Todd R. Klaenhammer Distinguished Professor in Probiotics Research in the Department of Food, Bioprocessing and Nutrition Sciences, North Carolina State University Randy Woodson, HonNAI , Chancellor, North Carolina State University U.S. Patent and Trademark Office Welcome Location: James B. Hunt Jr. Library Elizabeth Dougherty, HonNAI , Eastern Regional Outreach Director Paul Rosenthal, HonNAI , Deputy Chief Communications Officer Spruce Fraser , Librarian
7:00 PM	Bus Departure for Marriott City Center Location: James B. Hunt Jr. Library

MONDAY, JUNE 17, 2024

7:00 AM - 6:00 PM	Conference Registration & Information Desk Open Location: State Ballroom Foyer, Marriott City Center
7:30 AM - 8:45 AM	Women in Innovation Breakfast Location: State Ballroom, Marriott City Center <i>Sponsored by The Lemelson Foundation</i>
7:30 AM - 7:45 AM	USPTO/NAI Language Study Virtual Presentation <ul style="list-style-type: none"> • Samantha Maldonado, Chief Executive Officer, Chaska Consulting, Certified Professional Diversity Coach & Business Consultant • Merrill Stewart, Chief Executive Officer, Marketing & Business Solutions, LLC
7:45 AM - 8:45 AM	Panel Increasing Women in the Innovation/Invention Ecosystem Moderated by Suzanne Harrison, HonNAI , Founder and Principal of Percipience LLC and Board Member of the USIPA <ul style="list-style-type: none"> • Jennifer Gottwald, Director of Licensing at Wisconsin Alumni Research Foundation & Member of the AUTM Women Inventor's Special Interest Group • David Hinton, Executive Director, Technology Ventures, Vice Chancellor for Economic Development, University of Arkansas • Bhavani Thuraisingham, FNAI, Louis A. Beecherl Jr. Distinguished Professor, Professor of Computer Science, Executive Director of The Cyber Security Research and Education Institute, The University of Texas at Dallas • Lan Yang, SMNAI, Edwin H. & Florence G. Skinner Professor at Washington University in St. Louis



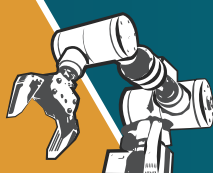
MONDAY, JUNE 17, 2024 (CONTINUED)

8:45 AM - 8:55 AM	Transition from Marriott City Center to Convention Center
8:45 AM - 5:00 PM	Conference Registration & Information Desk Open Location: Ballroom Foyer, Raleigh Convention Center
9:00 AM - 9:10 AM	Welcome Remarks & Introduction of North Carolina State University Paul R. Sanberg, FNAI , President, National Academy of Inventors Location: Ballroom C, Raleigh Convention Center North Carolina State University Welcome Wade Fulghum, HonNAI , Assistant Vice Chancellor, Office of Research Commercialization, Office of Research and Innovation, Chair, Wolfpack Investor Network (WIN) Steering CommitteePI - NC State, NSF I-Corps Mid-Atlantic Hub, Council for Entrepreneurial Development (CED) Board Location: Ballroom C, Raleigh Convention Center Welcome from Senator Thom Tillis Location: Ballroom C, Raleigh Convention Center
9:10 AM - 9:15 AM	Introduction of Master of Ceremonies, Paul R. Sanberg, FNAI , President, National Academy of Inventors Elizabeth Dougherty, HonNAI , U.S. Patent and Trademark Office, Eastern Regional Outreach Director Location: Ballroom C, Raleigh Convention Center
9:15 AM - 10:15 AM	Presidents Panel Moderated by James Lillard, FNAI , Senior Associate Dean of Research, Innovation and Commercialization, Morehouse School of Medicine Location: Ballroom C, Raleigh Convention Center <ul style="list-style-type: none"> • Randy Woodson, HonNAI Chancellor, North Carolina State University • Munir Eldesouki, FNAI, President of the King Abdulaziz City for Science & Technology • Teik Lim, FNAI, President of New Jersey Institute of Technology and Distinguished Professor of Mechanical Engineering
10:15 AM - 10:30 AM	BREAK Location: Ballroom C Foyer, Raleigh Convention Center Sponsored by University of Georgia
10:30 AM - 11:30 AM	Innovation Management Panel Moderated by Paul Corson , Executive Director of the Center for Entrepreneurship and Technology Development, The University of Texas at Arlington Location: Ballroom C, Raleigh Convention Center Sponsored by The University of Texas at Arlington <ul style="list-style-type: none"> • Doug Hockstad, HonNAI, Associate Vice President, Tech Launch Arizona, The University of Arizona • Lisa Jordan, Senior Vice President, Technology Commercialization, St. Jude Children's Research Hospital • Nichole Mercier, Assistant Vice Chancellor for Washington University in St. Louis & the Managing Director of the Office of Technology Management
11:30 AM - 12:15 PM	Fireside Chat - Driving U.S. Competitiveness Moderated by Derrick Brent, HonNAI , Deputy Under Secretary of Commerce for Intellectual Property & Deputy Director of the U.S. Patent and Trademark Office Location: Ballroom C, Raleigh Convention Center <ul style="list-style-type: none"> • Dana Colarulli, Executive Director, Licensing Executives Society International (LESI) • Patrick Kilbride, Public Policy Expert, Kilbride Public Affairs • Akbar Naqvi, Analyst for the Office of Technology's Policy Team, U.S. Department of Energy • Tobin Smith, Government Relations and Public Policy, Association of American Universities • Brad Watts, Vice President, Patents and Innovation Policy, Global Innovation Policy Center, U.S. Chamber of Commerce



MONDAY, JUNE 17, 2024 (CONTINUED)

- 12:15 PM - 12:55 PM** **Chapters of Excellence Luncheon Chapters Panel and Chapter of Excellence Award | Moderated by Laura Peter,** Executive Director for Research Commercialization & Development, The University of North Carolina at Charlotte
Location: Ballroom B, Raleigh Convention Center
Sponsored by the Florida High Tech Corridor
- Introduction:** Paul Sohl, HonNAI, Chief Executive Officer, Florida High Tech Corridor
- **Sherri McFarland, SMNAI**, Professor of Chemistry and Biochemistry, The University of Texas at Arlington
 - **Subhra Mohapatra, FNAI**, Professor, College of Medicine Molecular Medicine, University of South Florida
 - **Cameron Smith**, Assistant Vice President for Research Commercialization overseeing the Office of Research Commercialization, which serves Texas Tech University, Angelo State University, Texas Tech University Health Sciences Center, and the TTUHSC Paul L. Foster School of Medicine in El Paso.
 - **Wei Zhao, FNAI**, Professor and Vice Chair of Research, Department of Radiology, Stony Brook University
- 1:00 PM - 1:15 PM** **NAI Featured Fellow | Prototyping: Don't Forget The Lessons of Your Childhood**
Location: Ballroom C, Raleigh Convention Center
- Samuel Prien, FNAI**, Professor, Reproductive Physiology, Assisted Reproduction, Texas Tech University Health Sciences Center
- 1:15 PM - 2:15 PM** **Panel | From Campus to Commerce | Moderated by Cameron Smith,** Assistant Vice President for Research Commercialization Overseeing the Office of Research Commercialization, Which Serves Texas Tech University, Angelo State University, Texas Tech University Health Sciences Center, and the TTUHSC Paul L. Foster School of Medicine in El Paso
Location: Ballroom C, Raleigh Convention Center
Sponsored by Texas Tech University
- **Gerardine Botte, FNAI**, Professor & Whitacre Endowed Chair In Sustainable Energy at Texas Tech University
 - **Emily Wilson**, Communications Director, Innosphere
 - **Subhra Mohapatra, FNAI**, Professor, College of Medicine, Molecular Medicine at the University of South Florida
 - **Patrick Reed**, Executive Director, the IP Exchange at Auburn University
- 2:15 PM - 2:30 PM** **BREAK**
Location: Ballroom C Foyer, Raleigh Convention Center
Sponsored by University of Georgia
- 2:30 PM - 3:00 PM** **Keynote Speaker | Innovation with Integrity: Lessons in Responsible AI**
Location: Ballroom C, Raleigh Convention Center
- Igor Jablokov**, Chief Executive Officer & Founder, Pryon
- 3:00 PM - 3:30 PM** **Next Generation Panel | Moderated by Paul Sohl, HonNAI,** Chief Executive Officer, Florida High Tech Corridor
Location: Ballroom C, Raleigh Convention Center
Sponsored by the Florida High Tech Corridor
- **Elizabeth Albrow**, Commissioner, National Center for Education Research - Institute of Education Sciences
 - **Emma Grahn**, Programs Manager, Change YOUR Game, Lemelson Center
 - **Rebecca Schroeder**, Interim Dean at The University of Texas at San Antonio
 - **Vaishali Udupa**, Commissioner for Patents, U.S. Patent and Trademark Office



MONDAY, JUNE 17, 2024 (CONTINUED)

- 3:30 PM - 3:45 PM** **NAI Featured Fellow | *Engaging Student Innovation: Bench to Bedside at the University of Utah***
 Location: Ballroom C, Raleigh Convention Center
- Michael Good, FNAI**, Chief Executive Officer, University of Utah Health
- 3:45 PM - 4:03 PM** **Student Showcase/Genspiration Foundation Prize Finalist Video Presentation**
Sponsored by Florida High Tech Corridor, University of Central Florida, and Genspiration Foundation
- K-12:**
- **Anish Bhethanabotla**, California Invention Convention
 - **Sonia Patel**, Community School of Naples
 - **Olivia Soto**, Connecticut Invention Convention
- University:**
- **Jian Chen & Thomas Hanna**, University of Houston
 - **Ketan Dighe, Nivetha Gunaseelan & Purva Gupta**, The Pennsylvania State University
 - **Adi Mittal**, University of Pittsburgh
- 4:03 PM - 4:10 PM** **Announcement of Dr. Barry B. Bercu Biomedical Collegiate**
 Inventor Prize Presented by **Mrs. Sandy Bercu, Zachary Bercu & Joshua Bercu**
- 4:10 PM - 6:00 PM** **Connection Space & Exhibitors with Cocktail Reception / Member Choice Voting**
 Location: Ballroom A, Raleigh Convention Center
- 6:00 PM - 6:45 PM** **Senior Member Induction Ceremony**
 Location: State Ballroom, Marriott City Center
Sponsored by Tufts University
- Paul R. Sanberg, FNAI**, President, National Academy of Inventors
- Vaishali Udupa**, Commissioner for Patents, U.S. Patent & Trademark Office
- 6:45 PM - 7:45 PM** **Senior Member Reception**
 Location: State Ballroom Foyer, Marriott City Center
Sponsored by Tufts University
- 7:00 PM - 8:00 PM** **Genspiration Foundation Prize Committee Dinner (Private)**
 Location: Rye Private Dining Room, Marriott City Center

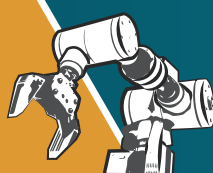
TUESDAY, JUNE 18, 2024

- 7:00 AM - 6:00 PM** **Conference Registration & Information Desk Open**
 Location: Ballroom Foyer, Marriott City Center
- 7:45 AM - 8:45 AM** **Highlighting the Impact of HBCU's Innovation and Invention Breakfast**
 Location: State Ballroom, Marriott City Center
Sponsored by Engineering for One Planet
- 7:45 AM - 8:00 AM** **Lateef Mtima, HonNAI**, Professor of Law, Howard University, HBCU Schools of Law Program



TUESDAY, JUNE 18, 2024 (CONTINUED)

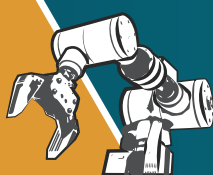
- 8:00 AM - 8:45 AM** **Panel | *Highlighting the Impact of HBCU's Innovation and Invention* | Moderated by Derrick Brent, HonNAI,**
Deputy Under Secretary of Commerce for Intellectual Property and Deputy Director of U.S. Patent and Trademark Office
Location: State Ballroom, Marriott City Center
- **Ganesh Bora**, Associate Vice Chancellor for Research and Technology Innovation Chief Research Officer, Fayetteville State University
 - **Almesha Campbell, HonNAI**, Assistant Vice President for Research and Economic Development, Jackson State University
 - **James Howard, HonNAI**, Executive Director, Black Inventors Hall of Fame Museum & Executive Producer BIHOF Films
 - **James Lillard, FNAI**, Senior Associate Dean of Research, Innovation and Commercialization, Morehouse School of Medicine
- 8:45 AM - 8:55 AM** **Transition from Marriott City Center to Convention Center**
- 8:45 AM - 5:00 PM** **Conference Registration & Information Desk Open**
Location: Ballroom Foyer, Raleigh Convention Center
- 9:00 AM - 9:10 AM** **Morning Remarks & Introduction of North Carolina State University**
Paul R. Sanberg, FNAI, President, National Academy of Inventors
Location: Ballroom C, Raleigh Convention Center
- 9:15 AM - 9:30 AM** **North Carolina State University Welcome**
Wade Fulghum, HonNAI, Assistant Vice Chancellor, Office of Research Commercialization, Office of Research and Innovation, Chair, Wolfpack Investor Network (WIN) Steering CommitteePI - NC State, NSF I-Corps Mid-Atlantic Hub, Council for Entrepreneurial Development (CED) Board, North Carolina State University
Location: Ballroom C, Raleigh Convention Center
- 9:30 AM - 10:30 AM** **New and Innovative Funding Panel | *It's a Great Time to Be An Inventor: Funding Opportunities Galore!* | Moderated by Phil Weilerstein, HonNAI,** Chief Executive Officer, VentureWell
Location: Ballroom C, Raleigh Convention Center
- **Wade Fulghum, HonNAI**, Assistant Vice Chancellor, Office of Research Commercialization, Office of Research and Innovation, Chair, Wolfpack Investor Network (WIN) Steering CommitteePI - NC State, NSF I-Corps Mid-Atlantic Hub, Council for Entrepreneurial Development (CED) Board, North Carolina State University
 - **Marc Gibson**, Associate Vice Chancellor for Research and Director, Division of Partnerships and Economic Development, The University of Tennessee, Knoxville
 - **Stephen Susalka, HonNAI**, Chief Executive Officer at AUTM
 - **Sylvia Thomas, FNAI**, Vice President for Research & Innovation & Chief Executive Officer of the University of South Florida Research Foundation
- 10:30 AM - 10:45 AM** **BREAK**
Location: Ballroom C Foyer, Raleigh Convention Center
Sponsored by University of Georgia
- 10:45 AM - 11:15 AM** **North American Innovation Panel & 2024 NAI / OTT Lab Innovator of the Year Award | Moderated by Anna Leese de Escobar, FNAI,** Chief Executive Officer, Technology Vector Inc, CEO PICOSYNC Technology Inc., Entrepreneur in Residence, and University of California, San Diego Office of Innovation and Commercialization
Location: Ballroom C, Raleigh Convention Center
- **Jonathan Glass**, Acting Deputy Director for Commercialization, Advanced Research Projects Agency – Energy (ARPA-E)
 - **Vanessa Peña**, Director of Technology Transfer Policy for the Department of Energy's (DOE) Office of Technology Transitions
 - **Tobias Rodill**, Managing Member, Command Strategies



- 11:15 AM - 12:00 PM** **Vice Presidents of Research Panel | Moderated by Keith Holland**, Associate Vice President for Research and Economic Development, James Madison University
 Location: Ballroom C, Raleigh Convention Center
- **Karen Burg, FNAI**, Vice President for Research at the University of Georgia
 - **David Hatchett**, Interim Vice President, Executive Director of Research Infrastructure, and Professor, University of Nevada, Las Vegas
 - **Kelly Lucas**, Vice President for Research, The University of Southern Mississippi
 - **Andre W. Marshall**, Vice President for Research, Innovation, and Economic Impact; and President of the George Mason Research Foundation
- 12:00 PM - 12:50 PM** **State of the Academy Luncheon**
 Location: Ballroom B, Raleigh Convention Center
 Sponsored by Fulgent Genetics
- Welcome Video**
- Sethuraman Panchanathan, FNAI**, Director, National Science Foundation
- Paul Rosenthal, HonNAI**, Deputy Chief Communications Officer
- Keynote Speaker, Paul R. Sanberg, FNAI**, President, National Academy of Inventors
- 1:00 PM - 1:15 PM** **NAI Featured Fellow | Helping the Visually Impaired Navigate in the World Using an AI-Powered Navigation Robot**
 Location: Ballroom C, Raleigh Convention Center
- Chieko Asakawa, FNAI**, IBM Distinguished Service Professor, Carnegie Mellon University
- 1:15 PM - 1:30 PM** **NAI Featured Fellow | Innovation in Drug and Vaccine Delivery for Equitable Access**
 Location: Ballroom C, Raleigh Convention Center
- Ana Jaklenec, FNAI**, Principal Research Scientist and Principal Investigator, Koch Institute for Integrative Cancer Research, Massachusetts Institute of Technology
- 1:30 PM - 2:30 PM** **USPTO Women in Entrepreneurship Panel | Moderated by Jamie Renee, HonNAI**, National Academy of Inventors, Executive Director
 Location: Ballroom C, Raleigh Convention Center
- **Almesha Campbell, HonNAI**, Assistant Vice President for Research and Economic Development, Jackson State University
 - **Carol Feghali-Bostwick, FNAI**, CREW Program at the Medical University of South Carolina
 - **Elizabeth Lobo, FNAI**, Provost and Vice President for Academic Affairs, Southern Methodist University
 - **Cassandra Quave, FNAI**, Curator of theHerbarium and Associate Professor of Dermatology and Human Health, Emory University
- 2:30 PM - 3:30 PM** **Cutting Edge AI Panel | Moderated by Helena Wisniewski, FNAI**, Marion Porter Chair, Professor of Entrepreneurship, University of Alaska Anchorage
 Location: Ballroom C, Raleigh Convention Center
- **Yiran Chen, FNAI**, John Cocke Distinguished Professor, Duke University
 - **Yun Raymond Fu, FNAI**, COE Distinguished Professor, Electrical and Computer Engineering, Jointly Appointed, Khoury College of Computer Sciences, Northeastern University
 - **Nicky Lu, FNAI**, Research Chair Professor, National Taiwan University, Chairman and Founder Etron Technology
 - **Dinesh Manocha, FNAI**, Distinguished Professor and Paul Chrisman Iribe Professor of Computer Science and Electrical and Computer Engineering, University of Maryland, College Park
- 3:30 PM - 3:45 PM** **The Yogi and Lovely Goswami Achievement Award in Energy and Sustainability**
 Location: Ballroom C, Raleigh Convention Center
- 3:45 PM - 3:50 PM** **2025 Conference Host Host Sponsors Presentation**
 Location: Ballroom C, Raleigh Convention Center
- 3:50 PM - 3:55 PM** **Closing Remarks**
 Location: Ballroom C, Raleigh Convention Center



4:00 PM - 5:30 PM	BREAK
5:30 PM - 5:55 PM	Rehearsal for Fellows Induction Ceremony <i>Location: Ballroom B, Raleigh Convention Center</i>
6:00 PM - 7:30 PM	Fellows Induction Ceremony <i>Location: Ballroom B, Raleigh Convention Center</i> <i>Sponsored by The University of North Carolina at Chapel Hill - Innovate Carolina</i> Elizabeth Dougherty, HonNAI , U.S. Patent and Trademark Office, Eastern Regional Outreach Director Dedric Carter , Vice Chancellor for Innovation, Entrepreneurship, and Economic Development and Chief Innovation Officer, The University of North Carolina at Chapel Hill - Innovate Carolina Congratulations Video, Kathi Vidal , Under Secretary of Commerce for Intellectual Property and Director of the U.S. Patent and Trademark Office Paul R. Sanberg, FNAI , President, National Academy of Inventors Derrick Brent, HonNAI , Deputy Under Secretary of Commerce for Intellectual Property and Deputy Director of U.S. Patent and Trademark Office
7:30 PM - 10:00 PM	Gala Reception with Prize and Award Announcements <i>Location: Ballroom A Foyer and Ballroom A, Raleigh Convention Center</i> Paul R. Sanberg, FNAI , National Academy of Inventors, President Paul Sohl, HonNAI , Chief Executive Officer, Florida High Tech Corridor Genspiration Prize Announcement <i>Location: Ballroom A, Raleigh Convention</i> Judy Genshaft, FNAI & Steven Greenbaum , Genspiration Foundation



Paul R. Sanberg, FNAI

President NAI; Distinguished University Professor, Former Senior Vice President for Research, Innovation and Knowledge Enterprise
University of South Florida

Dr. Paul R. Sanberg is the former Senior Vice President for Research, Innovation and Knowledge Enterprise at University of South Florida, and currently Distinguished University Professor of Medicine, Engineering, and Business, and Executive Director of the Center of Excellence for Aging and Brain Repair.

His innovations have been instrumental in translating new pharmaceutical and cellular therapeutics to clinical trials and commercialization for Tourette syndrome, stroke, ALS, Alzheimer's, Huntington's and Parkinson's disease. He is an inventor on 167 U.S. and international patents; author of over 700 scientific articles and 14 books, with over 40,000 citations. He has served on editorial boards for numerous scientific journals, is co-editor-in-chief of NAI's journal Technology and Innovation, and has received numerous scientific awards, including the AIMBE Advocate Award; Australian Alumni Award (ANU); Bryden Alumni Award (York U); Fulbright Specialist; McGovern Science & Society Award (Sigma Xi); Ove Ferno Prize; IEEE George F. McClure Award; Florida Academy of Sciences Medalist; Florida Inventors Hall of Fame inductee and Pioneer Award recipient; Fellow of AAAS, ACNP, AIMBE, BMES, IEEE, Sigma Xi, the Royal Societies of the Arts, Biology, Chemistry, Medicine and Public Health; AAAS-Lemelson Invention Ambassador; and Johns Hopkins Society of Scholars inductee.

He served twice on the nomination evaluation committee for the US National Medal of Technology and Innovation; and advisory board for the APLU Commission on Innovation, Competitiveness, and Economic Prosperity. He was the first in his family to graduate college, and has been an airplane enthusiast most of his adult life, becoming a master flight instructor and Fellow of the Royal Aeronautical Society. He is a NAI Charter Fellow.



Howard J. Federoff, FNAI

Vice President NAI; President, Director and CEO

Brooklyn ImmunoTherapeutics

Howard J. Federoff, M.D., Ph.D., received his M.D. and Ph.D. degrees from the Albert Einstein College of Medicine in New York City. Following clinical training in Internal Medicine and Endocrinology/Metabolism and a post-doctoral fellowship in molecular neurobiology at Harvard Medical School's Massachusetts General Hospital he joined the faculty of the Albert Einstein College of Medicine.

In 1995 he joined the University of Rochester faculty. During his tenure at Rochester, he founded the Division of Molecular Medicine and Gene Therapy, the Center for Aging and Development and also served as Senior Associate Dean for Basic Research.

In 2007 he joined the Georgetown University Medical Centers as Executive Vice President of Health Sciences and Executive Dean for the School of Medicine. His research is on novel treatments for neurodegenerative diseases. He serves on four editorial boards, two foundation boards, has chaired NIH Study Sections, was a member of the Board of Scientific Counselors of National Institute of Dental and Craniofacial Research, was a member of the National Institute of Neurological Disorders and Stroke (NINDS) Scientific Advisory Committee, Co-Chaired the NINDS strategic planning process, and was Chair of the NIH Recombinant DNA Advisory Committee.

He has published numerous papers, chapters and editorials and received a number of awards including the Arthur Kornberg Research Award, Society for Neuroscience Grass Lectureship, Abreu Memorial Lectureship, induction into Alpha Omega Alpha, Bernard Sandberg Award, and election to the AAAS. He has co-founded two biotechnology start-up companies and has been awarded numerous patents.

He and his wife Wendy Solovay, an immigration attorney, reside in Irvine California. Their two daughters, Allison and Monica, are pursuing careers in law and medicine, respectively. He is a Fellow of the National Academy of Inventors.



Kenneth Blank, FNAI

Treasurer NAI; President

University Research Strategies, LLC

Ken Blank is a demonstrated innovative and effective academic leader in building high impact, sustainable use-inspired research programs that result in practical solutions to critical national problems through technology development and commercialization. He has a proven ability to engage industry, mission oriented government agencies, and universities in productive collaboration. These key alliances increase funded research to support the development of new emerging technologies and contribute to successful technology commercialization, technology park development and workforce-related programs. Blank has served as Vice Provost for Research at Drexel University, Northeastern University and Temple University as well as Founding Senior Vice President for Health Sciences at Rowan University. Each of these institutions successfully increased metrics in research revenue and technology commercialization during his tenure. He serves on the Board of Directors of The University City Science Center (Philadelphia, PA) and the New Jersey Innovation Institute (Newark, NJ) and is a Fellow of The National Academy of Inventors and The College of Physicians of Philadelphia. Blank is presently the President of University Research Strategies, LLC and a Senior Advisor with Command Strategies, LLC.



Karen J.L. Burg, FNAI

Vice President for Research, Harbor Lights Endowed Chair, Department of Small Animal Medicine and Surgery
University of Georgia

Karen J.L. Burg, Ph.D. was named Vice President for Research in 2021. She holds the Harbor Lights Chair in Small Animal Studies in the College of Veterinary Medicine at the University of Georgia (UGA). Prior to joining UGA, she served as vice president for research and professor of chemical engineering at Kansas State University.

Honors to Karen include the Presidential Early Career Award for Scientists and Engineers, the inaugural Swiss AO Research Prize, recognition as a Massachusetts Institute of Technology's TR100 Young Innovator, an American Institute for Medical and Biological Engineering Fellow, an American Council on Education Fellow, an International Union of Societies for Biomaterials Science and Engineering Fellow, a Biomedical Engineering Society Fellow, a U.S. Department of Defense Era of Hope Scholar, and an American Association for the Advancement of Science-Lemelson Invention Ambassador.

Karen has given over 200 invited presentations and authored over 140 peer reviewed publications on the subject of engineered tissues. She has seven patents issued, fifteen disclosures and/or provisional patent applications recorded, with one patent serving as the basis for a diagnostics company. A Burg invention was one of ten technologies featured in the inaugural Avon Foundation for Women – National Institutes of Health – Center for Advancing Innovation Breast Cancer Start-Up Challenge. Karen served as the principal investigator for the 2015 National Science Foundation Innovation-Corps L (NSF I-Corps L) Team Flipped Research Mentoring and is a member of the 2016 NSF I-Corps L teaching team.



Pierre Comizzoli

Senior Program Office for Science, Office of the Under-Secretary for Science and Research
Smithsonian Institution

Research Biologist, Center for Species Survival, Smithsonian Conservation Biology Institute, National Zoological Park

Pierre Comizzoli Ph.D., D.V.M. is a scientist at the Smithsonian Institution and Senior Program Officer for Science in the Office of the Under-Secretary of Science and Research. He began his career as a veterinarian in French Guyana studying the seasonal reproduction of different mammalian species. In 2002 he joined the Smithsonian Conservation Biology Institute at Washington, DC's National Zoological Park as a staff scientist developing cryobanking on gametes and gonadal tissues from rare and endangered species. In addition to 15 years of studies funded by National Institutes of Health grants, Dr. Comizzoli has published over 120 peer-reviewed papers and book chapters. He has also received several distinguished awards including the Smithsonian Secretary's Research Prize and the Presidential Early Career Award for Scientists and Engineers for his innovative work on fertility preservation. More recently, he has received the Innovation Award from the National Research Council of Thailand with his Thai colleagues.



Atam Dhawan, FNAI

Senior Vice Provost for Research

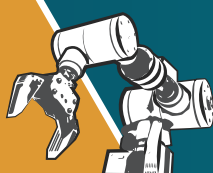
New Jersey Institute of Technology

Dr. Dhawan is an elected Fellow of the National Academy of Inventors (NAI), Fellow of the Institute of Electrical and Electronics Engineering (IEEE), Fellow of the American Institute of Medical and Biological Engineering (AIMBE), and Fellow of the International Academy of Medical and Biological Engineering (IAMBE) for his contributions in medical imaging and image analysis, and healthcare innovations. His research interests lie in medical imaging, medical image analysis, point-of-care technologies, pattern recognition and computer-aided-diagnosis. Dr. Dhawan has received more than \$82 million in research grants and contracts as Principal Investigator or Co-PI. He has published over 216 research papers and book chapters. He has also authored and co-authored several books in medical imaging, and image analysis. He holds several patents, three of which have been commercialized or licensed.

Dr. Dhawan pioneered low-angle trans-illumination technology and first demonstrated its application in skin-cancer imaging and specifically diagnostic screening of skin-cancers in 1984. His invention, patented as Nevoscope, established the feasibility of point-of-care (POC) in-situ diagnostic evaluation of skin-lesions, creating the field of dermatoscopy for effective early detection of skin-cancers. His optical imaging cornerstone technology led to two successful medical companies (Translite and 3GEN) for manufacturing and marketing of Veinlite and DermLite devices, which respectively are being used in the interventional treatment of spider-vein diseases and early diagnosis and clinical management of skin-cancers, specifically malignant melanomas.

Dr. Dhawan chairs the NIH Point-of-Care Technology Research Network (POCTRN) Independent Expert Board. He is a recipient of numerous awards including Martin Epstein Award (1984), NIH FIRST Award (1988), Sigma-Xi Young Investigator Award (1992), IEEE EMBS Early Career Achievement Award (1995), Doermann Distinguished Lecture Award (1999), EMBS Distinguished Lecturer award (2012-2013) and IEEE EMBS William J. Morlock Award in Excellence in Biomedical Technology (2021). He served as the Conference Chair of the IEEE 28th International Conference of Engineering in Medicine and Biology (EMB) Society (2006) and conference co-chair IEEE 42nd International Conference of Engineering in Medicine and Biology Society (2020). He has organized and chaired the NIH-IEEE-EMBS International Conferences on Point-of-Care Technologies and Healthcare Innovation in Bangalore, India (2013), and in Seattle (2014), co-chaired the NIH-IEEE Strategic Conference on Point-of-Care Technologies for Precision Medicine in Bethesda (2015), co-chaired IEEE-NIH Conference on Healthcare Innovation and Point-of-Care Technologies in Cancun (2016) and co-chaired 2017 IEEE-NIH Special Topics Conference on Healthcare Innovation and Point-of-Care Technologies in Bethesda. Dr. Dhawan served as the founding Editor-In-Chief of the IEEE Journal of Translational Engineering in Health and Medicine (2012-2018), and the founding chair of the IEEE EMBS technical committee on Translational Engineering and Healthcare Innovations (2014-2018). He also served as the Senior Editor of the IEEE Transactions on Biomedical Engineering, Editorial Board Member for International Journal of Pattern Recognition, and steering committee member for IEEE Transactions on Medical Imaging. Dr. Dhawan has chaired numerous NIH special emphasis and review panels, and site visit & review panels for NIH BTRR P41 program (1990-present). From 2008-2011, He chaired the NIH Chartered Study Section on Biomedical Computing and Health Informatics.

Dr. Dhawan obtained his bachelor's and master's degrees from the Indian Institute of Technology, Roorkee, and Ph.D. from the University of Manitoba, all in Electrical Engineering. From 1985-2000, he held faculty positions in Electrical & Computer Engineering, and Radiology departments at University of Houston, University of Cincinnati, University of Texas at Arlington, UT Southwestern Medical Center at Dallas, and University of Toledo. From 2000-2009, He served as the Chair of Electrical and Computer Engineering Department, and Associate and Interim Dean of Albert Dorman Honors College (2009-2014).



Elizabeth Lea Dougherty, HonNAI

Eastern Region Outreach Director Of the Under Secretary and Director
U.S. Patent and Trademark Office

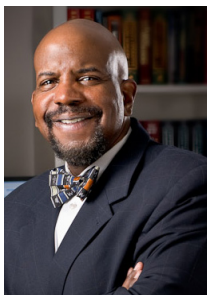
Elizabeth Dougherty is the Director of Inventor Education, Outreach, and Recognition in the Office of Innovation Development at the United States Patent and Trademark Office (USPTO). In this capacity, she develops, implements and supervises programs that support the independent inventor community, small businesses, entrepreneurs, and the intellectual property interests of colleges and universities; she supervises the development of outreach programs to women, minority and other underserved communities; she also builds and maintains relationships with state and local governments to promote local programs that support invention and innovation in the United States. Ms. Dougherty has spearheaded a number of special projects with such organizations and oversees a portfolio of ongoing and future initiatives designed to assist independent inventors, entrepreneurs, and minorities.



Robert V. Duncan, FNAI

Professor of Physics, President's Distinguished Chair in Physics
Texas Tech University

Robert V. Duncan, Ph.D., is the Current President's Distinguished Chair in Physics at Texas Tech University (TTU). He formerly served as vice chancellor for research at the University of Missouri (MU). He was the Gordon and Betty Moore Distinguished Scholar in the Division of Physics, Mathematics, and Astronomy at Caltech in 2004–2005. He has published extensively in low-temperature physics, and he chaired a panel of the National Academy of Sciences on the Future of Fundamental Physics in Space in 2011. He holds 10 U.S. patents with multiple international filings. In 2004, Duncan co-invented a less-invasive type of percutaneous and intravascular cryosurgery that is currently in human clinical trials and which is based upon a genuinely new cryogenic technology. As an administrator, Duncan has supported innovation broadly within academia, and has started new student entrepreneurial programs at both TTU and MU. He is a Fellow of the National Academy of Inventors.

**Cato T. Laurencin, FNAI**

University Professor & Albert and Wilda Van Dusen, Distinguished Professor of Orthopedic Surgery
University of Connecticut

Cato T. Laurencin, M.D., Ph.D. is the University Professor and Albert and Wilda Van Dusen Distinguished Endowed Professor of Orthopaedic Surgery at the University of Connecticut. A surgeon-engineer-scientist, he is Professor of Chemical, Materials, and Biomedical Engineering at UConn. He serves as Chief Executive Officer of the Connecticut Convergence Institute for Translation in Regenerative Engineering, at UConn Health. He earned his B.S.E. in Chemical Engineering from Princeton University, his M.D., Magna Cum Laude, from the Harvard Medical School, and his Ph.D. in Biochemical Engineering/Biotechnology from the Massachusetts Institute of Technology. Dr. Laurencin has produced seminal research and technologies on nanotechnology and tissue regeneration, polymer/ceramic systems for bone regeneration, and biomaterials for soft tissue regeneration.

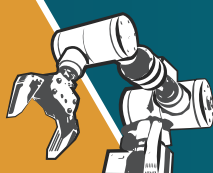
Dr. Laurencin is a pioneer of the field of Regenerative Engineering. He received the NIH Director's Pioneer Award, and the National Science Foundation's Emerging Frontiers in Research and Innovation Grant Award for this field. For his work he has received singular honors including the American Association for the Advancement of Science Philip Hauge Abelson Prize given 'for signal contributions to the advancement of science in the United States', the Simon Ramo Founder's Award from the National Academy of Engineering and the Walsh McDermott Prize from the National Academy of Medicine.

He is the first in history to win all three of these awards. Dr. Laurencin is a world leader in invention and innovation, and he is the recipient of the National Medal of Technology and Innovation, America's highest award for technological achievement, award by President Barack Obama in ceremonies at the White House.

**Anna M. Leese de Escobar, FNAI**

Distinguished Senior Scientist of Cryogenic
Naval Information Warfare Center Pacific (NIWC)

Anna has >35 years of experimental physics research and development engineering in cryogenic and superconductor materials, devices and electromagnetic systems. She founded the Cryogenic Exploitation of Radio Frequency (CERF) Laboratory at Naval Information Warfare Center Pacific, creating a group of innovative scientists and engineers who publish and patent prolifically. Technical breakthroughs and technology transition into the Naval Fleet at CERF brought national attention at every level of the DoD. To continue to push technology forward in new ways since retiring from Federal Service in 2022, she served as Chief Science Officer in one, and founded and serves as CEO in 2 new start-ups to continue moving cutting edge technology forward. She is a Fellow of the National Academy of Inventors and a Senior Member of the IEEE with 22 patents and 57 publications, and serves her community as member of several technical committees and boards including the Applied Superconductivity Education Foundation and the National Academy of Inventors.



Paul Rosenthal, HonNAI

Deputy Chief Communications Officer

U.S. Patent and Trademark Office

Paul Rosenthal is the Deputy Chief Communications Officer of the USPTO. He is responsible for the development and implementation of strategic communications for the USPTO in coordination with the U.S. Department of Commerce and the White House, and he supports and advises the Under Secretary of Commerce for Intellectual Property. He directs a team of media relations, speechwriting, social media, public affairs and audio-visual design professionals focused on promoting the agency's goals and objectives. He also oversees the USPTO's partnership with the National Inventors Hall of Fame and management of the National Medal of Technology and Innovation, which is issued by the president in a ceremony at the White House. With more than 30 years' experience in the communications field, Mr. Rosenthal joined the USPTO in 2010 and was charged with developing and growing the agency's social media presence and improving agency outreach through online means. He was promoted to his role in 2013. Prior to joining the USPTO, Mr. Rosenthal worked for the Smithsonian Institution, as a Public Affairs Specialist for the Lemelson Center for the Study of Invention and Innovation at the National Museum of American History and as Web Content Manager at the National Museum of African American History and Culture. He has additional related experience from the United States Postal Service and from non-profit organizations. He is a former broadcast news journalist. Mr. Rosenthal earned a bachelor's degree in public communication from The College of Saint Rose.



Sudeep Sarkar, FNAI

Chair and Professor, Department of Computer Science and Engineering

Associate Vice President for I-CORPS Programs

University of South Florida

Sudeep Sarkar, Ph.D., is a professor of computer science and engineering and is the associate vice president for research & innovation at the University of South Florida in Tampa.

He received his M.S. and Ph.D. degrees in electrical engineering, on a University Presidential Fellowship, from The Ohio State University. He is the recipient of the National Science Foundation CAREER award in 1994, USF Teaching Incentive Program Award for Undergraduate Teaching Excellence in 1997, Outstanding Undergraduate Teaching Award in 1998, and Theodore and Venette Askounes-Ashford Distinguished Scholar Award in 2004. He is a fellow of the American Association for the Advancement of Science (AAAS), Institute of Electrical and Electronics Engineers (IEEE) and International Association for Pattern Recognition (IAPR), and a charter member of the National Academy of Inventors.

He has 25 year expertise in computer vision and pattern recognition algorithms and systems, and holds three U.S. patents and has published high-impact journal and conference papers.



NATIONAL ACADEMY OF INVENTORS | STAFF

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Executive Director

Casey L. Gorman

Director of Events

Diana Jerome

Director of Membership & Community Engagement

Julie Akhter

Senior Director of Programs

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Carrie White

Assistant Director of Student Programs

Noelle Knopp

Marketing Manager

Kimberly Macuare

Publications Manager

Leticia De Moraes Short

Events Coordinator

Urvee Kawa

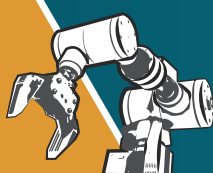
Graduate Assistant, Marketing and Communications

Rida Ahmed

Graduate Assistant, Membership Department

Raymond Jake

Research Associate



Mary Albertson

Director, Office of Technology & Licensing
Georgia Institute of Technology

Mary Albertson is a leading innovation management professional with 29+ years of experience in leadership, strategic management and facilitating transfer of academic innovations through commercialization. As Director of the Office of Technology Licensing at Georgia Tech she leads the office in protecting and commercializing technology resulting from \$1.5B of research expenditures. As Senior Director of Commercialization at PIVOT, University of Utah, Albertson was an integral part of the leadership team and managed interdisciplinary teams responsible for supporting the tech transfer process. Previously she was Associate Director at Stanford University's Office of Technology Licensing (OTL), where she worked for more than two decades supporting academic research commercialization. Albertson was also the President of the Association of University Technology Managers (AUTM).



Kenneth Blank, FNAI

President
University Research Strategies, LLC

Ken Blank is a demonstrated innovative and effective academic leader in building high impact, sustainable use-inspired research programs that result in practical solutions to critical national problems through technology development and commercialization. He has a proven ability to engage industry, mission oriented government agencies, and universities in productive collaboration. These key alliances increase funded research to support the development of new emerging technologies and contribute to successful technology commercialization, technology park development and workforce-related programs. Blank has served as Vice Provost for Research at three R1 universities. Each of these institutions successfully increased metrics in research revenue and technology commercialization during his tenure. He serves on the Board of Directors of The New Jersey Innovation Institute (Newark, NJ) and is a Fellow and Board member of The National Academy of Inventors. Blank is presently the President of University Research Strategies, LLC.



Karen Burg, FNAI

Vice President for Research, Harbor Lights Endowed Chair, Department of Small Animal Medicine and Surgery
University of Georgia

Dr. Karen Burg is the Harbor Lights Chair and Professor of Small Animal Medicine & Surgery and the Vice President for Research at the University of Georgia, and a member of the National Academy of Inventors (NAI). Karen earned her BS degree in chemical engineering from North Carolina State University and MS and PhD degrees in bioengineering from Clemson University, and she completed a tissue engineering postdoctoral fellowship at Carolinas Medical Center. Technologies from her team's research serve as the basis for a cancer diagnostics company which has garnered multiple economic development awards for impact in facilitating personalized cancer therapies through 3D cellular systems. Honors to Karen include a Presidential Early Career Award for Scientists and Engineers, recognition as a Massachusetts Institute of Technology's TR100 Young Innovator, an American Council on Education Fellow, a NAI Fellow, an International Union of Societies for Biomaterials Science and Engineering Fellow, a U.S. Department of Defense Era of Hope Scholar, an American Association for the Advancement of Science Lemelson Invention Ambassador, and an American Association for the Advancement of Science Fellow. Most recently, Karen was named by President Biden as one of fifteen recipients of the 2021 Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring.

**Almesha Campbell, HonNAI**

Assistant Vice President of Research and Economic Development
Jackson State University

Almesha L. Campbell, PhD., RTTP, is the Assistant Vice President for Research and Economic Development at Jackson State University (JSU). In this capacity, she supports the Vice President with overall responsibility for the Division of Research and Economic Development, which oversees the units of Grants and Contracts, Sponsored Programs, Research Compliance, Technology Transfer and Commercialization, Federal Relations, and the Center for Innovation, Entrepreneurship, and Economic Development.

She designs and manages programs around innovation, technology transfer, and commercialization to broaden the participation of underrepresented minorities in these areas. Dr. Campbell co-led the development of the JSU Center for Innovation and Entrepreneurship and created the JSU Innovation Fellows Program. She is the principal investigator or co-principal investigator for several federally funded programs at JSU including the National Science Foundation (NSF) Mid-South I-Corps Hub, the National Institutes of Health REACH Hub, the NSF Enabling SBE Science via the Network for Transformative Research program, the NSF Engines Development Award: Advancing Food Security and Climate Resilience (MS), and the recently awarded NSF ART program led by the University of Southern Mississippi.

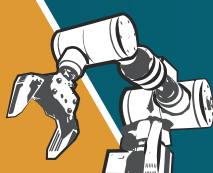
She is the 2023 - 2024 Chair of the Board of Directors of AUTM. In addition to AUTM, she holds membership in professional organizations such as the Licensing Executives Society, Society of Research Administrators (SRA) International, and the American Society of Public Administration, and is an honorary member of the National Academy of Inventors (NAI).

**Walter Copan, FNAI**

Vice President for Research and Technology Transfer
Colorado School of Mines

A physical chemist by training, Copan began his career in R&D, business leadership and biotech ventures at The Lubrizol Corporation. Over the years, he has held a variety of roles in the private and public sectors, including the U.S. Department of Energy National Renewable Energy Laboratory (NREL) in Golden, where he served from 2003 to 2005 as principal licensing executive for technology transfer, focused on increasing NREL's effectiveness in developing and commercializing clean energy technologies. Copan then served as executive vice president and chief technology officer at Clean Diesel Technologies, Inc., helping to lead the company's transformation from research focus to a successful commercial enterprise. He returned to the public sector in 2010, when he was named managing director for technology commercialization and partnerships at the DOE's Brookhaven National Laboratory.

In October 2017, Copan was unanimously confirmed by the U.S. Senate as the Under Secretary of Commerce for Standards and Technology and Director of NIST. At NIST, he spearheaded streamlining and modernization of U.S. policies and practices for innovation and technology transfer arising from federally funded research. Since January 2021, Copan has served as Senior Advisor at the Center for Strategic and International Studies, co-founding the Renewing American Innovation project to advance U.S. innovation, standards and intellectual property policy. Copan holds a PhD in physical chemistry and a B.S./B.A. dual degree in chemistry and music, all from Case Western Reserve University. He was recognized by the university as Distinguished Alumnus of the Year in 2008. He is a Fellow of the National Academy of Inventors and was named the 2020 Laboratory Director of the Year by the Federal Laboratory Consortium. AUTM, a leading association in technology transfer, recognized Copan with its 2021 Bayh-Dole Award for his contributions to innovation and technology transfer.



Paul Corson

Executive Director, Center for Entrepreneurship and Technology Development
University of Texas at Arlington

Paul J. Corson is the Executive Director of UTA's Center for Entrepreneurship and Technology Development. In this role, Paul leads efforts to spur regional innovation and economic development based on research and technology developed at UTA.

Previously, Paul catalyzed Utah's technology-based economic development by building the University of Utah's invention management operations and leading comprehensive efforts to form, launch, and grow startup companies. Paul was also Chief of Staff for the Office of Innovation & Entrepreneurship in the University of California Office of the President, where he spearheaded efforts across the UC System to enhance, expand, and promote technology commercialization, as well as student and faculty entrepreneurship.

Paul has also held executive-level positions in the public and private sectors, including Executive Director of Innovation Fund America; acting director of the Office of Innovation and Entrepreneurship at the U.S. Department of Commerce; as well as at multiple startup companies in the United States and abroad. Paul began his career as Country Director, Caucasus for a USAID-funded economic development program in Armenia and Georgia. Paul holds an MA in International Relations from The George Washington University and a BA in Political Economies from Franklin and Marshall College. Both degrees concentrated on Soviet and post-Soviet studies. He also completed an executive management program at Singularity University.



Elizabeth L. Dougherty, HonNAI

Eastern Region Outreach Director
United States Patent and Trademark Office

Elizabeth Dougherty is the Director of Inventor Education, Outreach, and Recognition in the Office of Innovation Development at the United States Patent and Trademark Office (USPTO). In this capacity, she develops, implements and supervises programs that support the independent inventor community, small businesses, entrepreneurs, and the intellectual property interests of colleges and universities; she supervises the development of outreach programs to women, minority and other underserved communities; she also builds and maintains relationships with state and local governments to promote local programs that support invention and innovation in the United States. Ms. Dougherty has spearheaded a number of special projects with such organizations and oversees a portfolio of ongoing and future initiatives designed to assist independent inventors, entrepreneurs, and minorities.



Miranda Drake

Executive Assistant, Office of Research Commercialization, Office of Research and Innovation
North Carolina State University

Miranda Drake holds a Masters in Public Administration from Strayer University, and dual Bachelors in Public Administration and Religion & Philosophy from Shaw University. Miranda is an Executive Assistant to the Assistant Vice Chancellor in the Office of Research Commercialization (ORC) at North Carolina State University. She executes comprehensive administrative responsibilities on behalf of ORC's Assistant Vice Chancellor and Executive Director. Miranda serves as a liaison on ORC activities that establish and sustain relationships between the university, the Office of Research and Innovation (ORI), ORC and the public. Miranda is the point of contact for logistical support for the Wolfpack Investor Network (WIN), NSF I-Corps, NAI Chapter and Fellows Nominations, Annual Celebration of Innovation and the Chancellor's Innovation Fund (CIF).

Prior to joining ORC, Miranda worked in NC State's Office of University Communications and Marketing. Miranda also brings private-sector experience to ORC, having worked at software giant SAS Institute in Corporate Communications for more than 15 years, serving in marketing communications, and media and analyst relations roles. Miranda is also a trained mediator, premarital choices facilitator and women's empowerment coach.

**Robert Duncan, FNAI**

President's Distinguished Chair in Physics
Texas Tech University

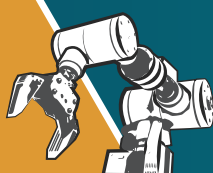
Current President's Distinguished Chair in Physics Former Vice Chancellor for Research at University of Missouri
Former Senior Vice President for Research at Texas Tech University

Robert V. Duncan, Ph.D., is the Current President's Distinguished Chair in Physics at Texas Tech University (TTU). He formerly served as vice chancellor for research at the University of Missouri (MU). He was the Gordon and Betty Moore Distinguished Scholar in the Division of Physics, Mathematics, and Astronomy at Caltech in 2004–2005. He has published extensively in low-temperature physics, and he chaired a panel of the National Academy of Sciences on the Future of Fundamental Physics in Space in 2011. He holds 10 U.S. patents with multiple international filings. In 2004, Duncan co-invented a less-invasive type of percutaneous and intravascular cryosurgery that is currently in human clinical trials and which is based upon a genuinely new cryogenic technology. As an administrator, Duncan has supported innovation broadly within academia, and has started new student entrepreneurial programs at both TTU and MU. He is a Fellow of the National Academy of Inventors.

**Derek Eberhart**

Associate Vice President for Research
University of Georgia

Derek Eberhart, PhD serves as Associate Vice President for Research and Executive Director of Innovation Gateway at the University of Georgia (UGA). He led the strategic integration of UGA's intellectual property licensing and startup support programs to streamline the path from university to market and foster technology-based economic development. UGA has ranked among the Top 5 U.S. universities for new products reaching the market for the past ten years. More than 1150 products and 250 companies are based on UGA research. Prior to joining UGA, Dr. Eberhart served as Director of Alliance and Portfolio Management at Lexicon Pharmaceuticals, where he helped manage Lexicon's drug discovery partnerships. Derek received his bachelor's and master's degrees from UGA, and his PhD in genetics and molecular biology at Emory University, before serving as an American Cancer Society postdoctoral fellow at St. Jude Children's Research Hospital. He is active in the innovation community, including serving on the Georgia Bio Board of Directors and the Board of the Georgia Intellectual Property Alliance.



Wade Fulgum, HonNAI

Assistant Vice Chancellor for Research Commercialization
North Carolina State University

Wade Fulgum serves as the Assistant Vice Chancellor for Research Commercialization for NC State University (2011-), leading a world class team whose mission is facilitate the commercialization of innovative research discoveries that seek to address the world's grandest challenges thereby driving economic growth in North Carolina and around the world. He propels this mission forward by creating and overseeing programs aimed at discovering, validating, and strengthening innovative research discoveries and teams.

Wade serves as the principal investigator and managing director for the National Science Foundations (NSF) I-CORPS Mid-Atlantic Hub for NC State in collaboration with 11 leading research institutions in the region. Wade also serves the Principal Investigator for the NSF Accelerating Research Translation (ART) award as NC State serves as the Mentor Institution for Clemson University. Wade previously served as the Principal Investigator for the NSF I-Corps Site at NC State (2017-2022). He is the co-founder and Managing Director of the Wolfpack Investor Network (WIN), NC State's Angel Investment organization and serves as the Chair of the WIN Steering Committee. Previously Wade served as the Chair of the North Carolina Small Business Technology Development Center (SBTDC) Research Triangle Advisory Board, and the statewide SBTDC Advisory Board. Wade currently serves on the Board of Directors for the Council for Economic Development (CED) and is an honorary member of the National Academy of Inventors. Wade also serves as an Adjunct Professor for the Poole College of Management and is an NSF I-Corps Instructor. Wade was instrumental in the launch of the Research Triangle Cleantech Cluster, the Research Triangle AgTech Cluster, and was the architect of "Ask the Pack". Wade received his Bachelor of Finance from the University of Florida as well as a Master of Business Administration from Hawaii Pacific University focusing on Organizational Change Management. He brings over thirty years of experience as an entrepreneur, advising companies locally and globally. Wade is a veteran of the US Army Infantry where he was awarded 3 Army Achievement Medals, 3 Army Medals of Commendation, and was selected as the 2nd Warrior Brigade, 25th Infantry Division NCO of the year. He has traveled the world as an invited panelist and speaker, and in his spare time, he loves spending time gardening, creating art projects, mountain biking, and fine cooking.



Marc Gibson

Associate Vice Chancellor for Research and Director, Division of Partnerships and Economic Development
University of Tennessee, Knoxville

Marc Gibson is the Associate Vice Chancellor for Research and Director of the Division of Partnerships and Economic Development (DPED). He leads a team that oversees university-wide strategy for engaging with industry, government, and non-profit partners. Marc's success in this role results from his extensive industry and community connections in East Tennessee and his understanding of how to align diverse and sometimes competing stakeholder interests and perspectives to work towards a shared goal for the benefit of all. DPED supports inclusive economic development and impacts through knowledge and technology transfer to industry and community partners, small business incubation and support, and the development of place-based innovation initiatives that expand economic opportunities for Tennessee businesses, communities, and individuals. Working closely with the UT Research Foundation, the UT Research Park at Cherokee Farm, and other key organizations, DPED assists with the formation and expansion of strategic partnerships between UT and external partners whose interests align with the university's commitment to advancing knowledge and its impact in the community. Finally, DPED helps catalyze competitive proposal opportunities with external sponsors (government agencies, industry, non-profit organizations, and individuals) to expand the university's knowledge enterprise. Marc serves as a board member on the Tennessee Advanced Energy Business Council (TAEBC) and has held previous appointments for leading organizations such as the University-Industry Demonstration Partnership (UIDP), the Network for Academic Corporate Relations Officers (NACRO), TennSMART, as well as multiple industry advisory positions including the Institute for Advanced Composites Manufacturing Innovation (IACMI), The Shull Wollan Center for Neutron Sciences, and the Transportation Research Center at UT.

**Suzanne S. Harrison, HonNAI**

CEO

Percipience

Suzanne S. Harrison is an author, patent futurist, and economist. She works with companies both large and small to help them utilize their patent data to make more informed decisions and realize the true value of their intellectual property.

She is currently a member of the Patent Public Advisory Committee (PPAC) for the USPTO. She is also the Founder and Principal of Percipience LLC, a board-level advisory group focused on IP and innovation strategy, management, and quantifying and mitigating IP risk.

Since 1995, she has led a group called the ICM Gathering, an invitation-only group of 20 companies that meet regularly to define, create, benchmark and test best practices in IP management. Her books draw on her work with the Gathering, and feature success stories of companies leading the way in innovative IP management. She is a Board member of the USIPA and co-chair of the Diversity & Inclusion committee which launched the Diversity Pledge to assist companies in increasing diversity in inventorship. She is also a Board member and North American Regional Chair of the Global IP Alliance.

She holds an undergraduate degree in economics from UC Davis, and an MBA from the University of Chicago. She lives in San Francisco, CA, with her husband and two children.

**Keith Holland**

Associate Vice Provost for Research and Innovation

James Madison University

Keith Holland, Ph.D., serves as the AVP for Research and Economic Development at James Madison University. In this role, he coordinates opportunity discovery, partnership development, and network activation for initiatives aimed at elevating talent development, research, innovation, and quality of life in and beyond Virginia. Since 2018, Dr. Holland has held various research administration roles at James Madison University and is a Professor of Engineering. Prior to his academic career, Keith served as the Vice President for Research within a startup technology company, advancing patented technology that he developed as a graduate student. Keith holds a Ph.D. in Mechanical and Aerospace Engineering from the University of Virginia.



James Howard, HonNAI

CEO, Founder

Black Inventors Hall of Fame

James Howard is a lecturer, design historian, and industrial designer/inventor of some 300 products with 20 patents. He owns and operates entrepreneurial U, a specialty private career school of Design Thinking. Howard's course, "Bridge" Exploring New Career Pathways, takes students through the problem-solving processes: problem/necessity, solution, and execution and leads them to new career pathways and job opportunities. James Howard serves as Executive Director of THE BLACK INVENTORS HALL OF FAME, (www.BIHOF.org) a virtual museum devoted to immortalizing African Americans whose noteworthy inventions have improved lives yet gone unnoticed. James also serves on the Board of Directors for the United States Intellectual Property Alliance, and recently assisted the National Inventors Hall of Fame to curate their very first Black Inventors exhibit Breaking Barriers. James serves on the advisory board for the American Institutes for Research, addressing the question - Does Race and Gender of the Patent Examiner Matter for Innovation? He is also the recent recipient of the TAGGIE award for his documentary film, The GATHERING, and the co-producer of the groundbreaking film, The Great Equalizer, examining fairness in the patent system. James has served as a subject matter expert on Design thinking for the Keller Innovation Center at Princeton University. He is also a visiting lecturer for the University of Texas Center for Integrated Design. James earned a Master's and Bachelor of Fine Arts -Industrial Design at the University of Illinois, Urbana, IL. James was recently awarded Honorary member of the National Academy of Inventors, and he serves on the panel for Diversity, Equity, and Inclusion in the innovation ecosystem. He is also a recent recipient of the Inspire Top 100 award. For the past two years, James has served as a keynote speaker for various USTPO Black history month symposiums



Anna Leese de Escobar, FNAI

CEO Technology Vector Inc, CEO PICOSYNC Technology Inc., Entrepreneur in Residence, and UCSD Office of Innovation and Commercialization

Anna has >35 years of experimental physics research and development engineering in cryogenic and superconductor materials, devices and electromagnetic systems. She founded the Cryogenic Exploitation of Radio Frequency (CERF) Laboratory at Naval Information Warfare Center Pacific, creating a group of innovative scientists and engineers who publish and patent prolifically. Technical breakthroughs and technology transition into the Naval Fleet at CERF brought national attention at every level of the DoD. To continue to push technology forward in new ways since retiring from Federal Service in 2022, she served as Chief Science Officer in one, and founded and serves as CEO in 2 new start-ups to continue moving cutting edge technology forward. She is a Fellow of the National Academy of Inventors and a Senior Member of the IEEE with 22 patents and 57 publications, and serves her community as member of several technical committees and boards including the Applied Superconductivity Education Foundation and the National Academy of Inventors.

**James Lillard, FNAI**

Senior Associate Dean for Research, Innovation & Commercialization
Morehouse School of Medicine

Dr. Lillard is an immunologist who uses both in silico and in vivo methods to develop biologics or molecular tests to better treat or diagnose, respectively, chronic diseases. His research involves dissecting the molecular mechanisms of cancer and inflammatory diseases, using clinically annotated NGS and real-world data for the implementation of precision medicine. His research contributions span disciplines including oncology, immunity, inflammation and biodefense. Dr. Lillard's cumulative peer-reviewed funding principally directed over his scientific career exceeds \$70 million and he has authored over 300 scientific communications, which have been cited over 10,000 times.

**Ivelina Metcheva**

Assistant Vice President for Innovation
Virginia Commonwealth University

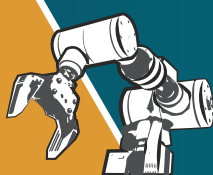
Dr. Ivelina Metcheva has more than twenty years of experience in technology transfer and commercialization. She provides strategic and operational leadership for the university technology transfer enterprise; as well as for establishing industry collaborations and promoting entrepreneurship and new venture creation.

Dr. Metcheva oversees a portfolio of over 500 active inventions, more than 300 patents and patent applications, and close to 180 active license agreements. She developed and implemented a pre-license value creation program aimed at maturing and validating university technologies. This included establishing the VCU Commercialization Fund and recruiting industry experts and investors to the commercialization advisory board. She streamlined the licensing process and spearheaded an industry engagement program for active marketing of VCU research assets to companies and attracting strategic industry partners at earlier stages of the innovation cycle. Dr. Metcheva facilitated the creation of 80+ start-ups, which have risen more than \$97 million in start-up financing and have introduced 8 products to market. She led the development and implementation of the VCU Venture support program including establishment of a startup pre-accelerator. She co-led the successful VCU application for the APLU Innovation and Economic Prosperity designation. Dr. Metcheva holds a Ph.D. in Molecular Genetics from the Bulgarian Academy of Sciences, a MBA degree from the College of William and Mary, and a B.Sc. degree in Biology and Chemistry from Sofia University.

**Lateef Mtima, HonNAI**

Professor of Law
Howard University

Lateef Mtima is a Professor of Law at the Howard University School of Law, and the Founder and Director of the Institute for Intellectual Property and Social Justice, an accredited NGO member of the World Intellectual Property Organization (WIPO), which advocates for core principles of socially equitable access, inclusion, and empowerment in the development and implementation of the IP ecosystem.



Amy Parker

Assistant Director of Research Commercialization
North Carolina State University

As Assistant Director of Research Commercialization Programs at NC State, Amy manages the Office of Research Commercialization's Chancellor's Innovation Fund (CIF) gap funding program to accelerate early-stage research projects and also manages NC State's National Science Foundation (NSF) I-Corps Program to train researchers in market assessment and customer discovery skills. Amy is responsible for building and maintaining ORC's collaborative relationships with ecosystem partners, while also supporting NC State's startup pipeline. Additionally, she leads the National Academy of Inventors (NAI) Fellows nomination process for NC State.

Amy earned a B.S. in Criminal Justice from East Carolina University and is currently pursuing a Master of Business Administration at NC State. She has been with the Office of Research Commercialization since 2014 in a variety of roles within its operations and new ventures teams.



Subhash L. Shinde, FNAI

Associate Director at the Center for Sustainable Energy
Notre Dame University

Subhash L. Shinde joined the Center for Sustainable Energy at Notre Dame (ND Energy) in November 2016 as the Associate Director responsible for research business development. Subhash has a broad background with extensive experience in developing research programs and leads ND Energy's global research initiatives and corporate programs. Subhash is an affiliate of the iNDustry Labs at Notre Dame and the Hypersonic Systems Initiative for his expertise in high temperature materials. Prior to joining the University, Subhash held various research staff and management positions within Sandia National Laboratories requiring strong leadership capabilities, extensive technical knowledge, and the acumen to organize well-functioning and productive teams. Prior to Sandia, he held various leadership positions in research at I.B.M. Microelectronics Division and Research for eighteen years. Subhash is an accomplished author with several publications, including three edited books and a book chapter, and has sixty-three U.S. and eighteen international patents. He is regularly invited to speak at national and international conferences and has received several awards for his work. Subhash received his Ph.D. in Materials Science from Stanford University and his B.Tech and M.Tech in Physical Metallurgy from the Indian Institute of Technology. His research interests are in fundamental and applied interdisciplinary research on advanced materials for energy applications. Subhash is a Fellow of the National Academy of Inventors (NAI) and the Institute of Electrical and Electronics Engineers (IEEE). Subhash is also the co-chair (organizer) of the Spring 2019 Conference of the Materials Research Society to be held in Phoenix, Arizona, and is on the editorial board of the MRS Bulletin.

**Jennifer Souter**

Senior Licensing, Office of Research Commercialization
Texas Tech University

Jennifer Souter is a business development professional with over 16 years experience in intellectual property (IP) management and technology commercialization. She has a B.S. in the life sciences and an MBA. She has been actively engaged in technology transfer for much of her career supporting university researchers and entrepreneurs across a breadth of disciplines in both the US and UK. Jennifer specializes in the life sciences and early-stage drug discovery and has served as a business mentor for faculty researchers and new startups to develop strategies for customer discovery, technology validation, targeted business development and ultimate commercialization. She is skilled at strategic and creative deal making and has been successful at developing new business models that help inventors and entrepreneurs demonstrate and accelerate the impact of their research. In January 2022, Jennifer joined the Office of Research Commercialization (ORC), the technology transfer office for the Texas Tech University System (TTUS), where she serves as Managing Director for Intellectual Property. In her current role she supports the development and implementation of strategies to maximize the value of TTUS-owned IP and discoveries.

**Steve Susalka**

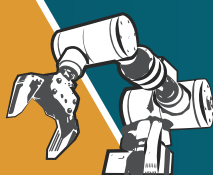
CEO
AUTM

Steve works to ensure that AUTM serves the needs and interests of its members through strategic planning, outreach and advocacy, while empowering Association members and promoting the profession.

A regular speaker on technology transfer issues, Steve has presented on Capitol Hill and internationally on topics ranging from the evolution of the technology transfer profession to start-up formation.

Before joining AUTM, Steve served as Associate Director for Commercialization at Wake Forest Innovations where he was responsible for commercializing high-impact inventions, and drafting, negotiating and executing a wide variety of licensing and start-up transactions.

Steve is a registered U.S. Patent Agent and a past Board member of multiple Wake Forest-affiliated start-ups. Steve has also led the Winston-Salem Technology Council to retain and grow local technology businesses to strengthen the economy.

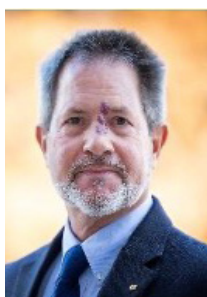


Sylvia Thomas, FNAI

Interim Vice President for Research and Innovation
University of South Florida

Sylvia Wilson Thomas, PhD, is Vice President for Research & Innovation at the University of South Florida and President & CEO of the USF Research Foundation, Inc. As a member of the USF's presidential and provostial cabinets, Dr. Thomas directs, manages, and provides vision for USF's \$680M+ research and innovation enterprise. Through USF's AAU (Association of American Universities) membership, Dr. Thomas serves as the AAU Senior Research Officer (SRO) for USF. She has contributed to USF's efforts for research and innovation, executive leadership, strategic planning and renewal, faculty success, consolidation, cultural transformation and underserved community engagement, institutional partnerships (national and international), and student recruitment, workforce development, and research/high impact practice experiences. She has also fostered and been engaged in collaborations and engineering education efforts in Italy, Puerto Rico, Singapore, Portugal, South Korea, Mexico, Panama, and South Africa. Dr. Thomas is an Electrical Engineering full Professor, a Fellow of the American Institute for Medical and Biological Engineering (AIMBE), a Fellow of the National Academy of Inventors (NAI) and Senior Member of the Institute of Electrical and Electronics Engineers (IEEE).

She leads the USF Advanced Membrane and Materials Bio and Integration Research (AMBIR) laboratory for biomedical, biological, and nano electronic device integration using advanced material systems for membrane technology. Having over 30 years of global experience with academia, non-profits, and industry, Dr. Thomas has authored numerous peer-reviewed journal articles, proceedings, presentations, and six book chapters, and her creative, current affairs-driven projects have been supported by a wide-range of funders, from USF seed grants to the National Science Foundation for over \$4.8M. As an advocate for innovation and collaborative engagement, she has produced 12 patents/patent disclosures, and assisted in the success of such companies as Bell Labs, Agere Systems, Lucent, Kimberly Clark Corporation, IBM, and Procter & Gamble. "As the USF research and innovation enterprise forges a path forward for growth, at the forefront will be scholarly transformations that support faculty interests, student success, community/partner engagement, institutional excellence, and strategic priorities," says Dr. Thomas.



Ken Tobin, FNAI

Chief Research and University Partnerships Officer
Oak Ridge Associated Universities

Dr. Ken Tobin is the Chief Research and University Partnerships Officer at Oak Ridge Associated Universities (ORAU). In this role he grows ORAU's research enterprise while expanding partnerships with the over 150 universities that are part of the ORAU consortium. Prior to ORAU he served in numerous research leadership positions over 32 years at the Oak Ridge National Laboratory. Dr. Tobin earned his BS in Physics and MS in Nuclear Engineering from Virginia Tech and his PhD in Nuclear Engineering from the University of Virginia. He was an ORNL Corporate Research Fellow, and is a Fellow of IEEE, SPIE, NAI, and is a member of AAAS.

**Greg Tucker***Commercialization Manager**University of Louisville*

T. Gregory Tucker is currently a commercialization manager for intellectual property (IP) in the Office of Research & Innovation at the University of Louisville (UofL) and latest member on the advisory board for the new Kentucky Intellectual Property Association (KYIPA). He earned a doctorate in chemistry from Arizona State University and is a graduate from Tennessee State University. Greg is a co-inventor on multiple issued U.S. patents for potential energy-use applications, laboratory innovation medalist, and a member of the National Academy of Inventors (NAI) since Fall 2019.

He is also an early venture entrepreneur having worked with a couple chem-based startups. Along with establishing an electric bike company, once recognized as a Small Business-of-the-Year in District No.27 of Central Phoenix back in 2016. Greg was also named an Outreach Member-of-the-Year for the Arizona Section of the American Chemical Society (ACS) in 2020, where he is affectionately known as Dr. T. His scientific contributions have been published in both peer-reviewed journals and various articles inclusive of The Electrochemical Society (ECS), Institute for Electrical & Electronics Engineers (IEEE), Advanced Energy Materials, Power Sources, and more over the years. Dr. Tucker received the 2022 Presidential Award from the National Organization for the Professional Advancement of Black Chemists & Chemical Engineers (NOBCChE) for facilitating outreach efforts in innovation and entrepreneurship. More recently in 2023, he served on the Vogt Awards final selection committee for local startups and a judge for the Ideathon during the Derby Diversity Week in Louisville, Ky.

**Phil Weilerstein, HonNAI***President and CEO**VentureWell*

Phil has led VentureWell since its founding in 1996 and today serves as President and CEO. By developing and expanding VentureWell's programs on a national and global scale, he has guided VentureWell in its mission to solve global challenges through science- and technology- driven innovation and entrepreneurship. He accomplished this goal by designing and overseeing a suite of programs that encourage and support the deeper engagement of higher education and research institutions in curricular innovation, developing and strengthening innovation communities and supporting emerging science and technology innovators.

Phil is committed to sharing VentureWell's learnings and resources to support the creation of inclusive and more equitable pathways for innovators to succeed in venture creation. Under his leadership, VentureWell has partnered with key science funding agencies, major philanthropies, and hundreds of universities to train and support thousands of emerging students, researchers and faculty innovators. After celebrating VentureWell's milestone 25-year anniversary in 2021, he has accelerated work to fortify the broader innovation ecosystem and the launch of groundbreaking innovations.

Phil attended the University of Massachusetts where he was a co-founder of a biotechnology company developing naturally occurring pest control products. He is a Founder and Past Chair of the ASEE Entrepreneurship Division, and a recipient of the 2008 Price Foundation Innovative Entrepreneurship Educators Award, the 2014 Engineering Entrepreneurship Pioneers Award from ASEE, and the 2016 Deshpande Symposium Award for Outstanding Contributions to Advancing Innovation and Entrepreneurship in Higher Education.



Helena S. Wisniewski, FNAI

Marion Porter Endowed Chair, Chair Marketing, Management, Logistics and Business Analytics, Professor of Entrepreneurship
University of Alaska Anchorage

Dr. Helena S. Wisniewski is a seasoned leader with executive roles in industry, the federal government, academia, and service on public and private boards of directors. Dr. Wisniewski is a Fellow of the National Academy of Inventors (NAI) and is a technological entrepreneur who has launched and sold multiple startup companies across diverse technology areas.

She was recently appointed as the first Marion Porter Endowed Chair in the College of Business and Public Policy (CBPP) and is also a Professor of Entrepreneurship and Chair of the Management, Marketing, Logistics, and Business Analytics Department in CBPP at the University of Alaska Anchorage (UAA). She is establishing AI efforts at UAA. She created and teaches the first AI course in CBPP, established the AI webinar series that features nationally renowned speakers and is co-founder/director of the Alaska Data Science & AI Lab (ADSAIL) that she launched to use AI to solve challenges while facilitating experiential learning for students. She is also an editor of the new special issue journal AI Education, a Journal of NAI's Technology & Innovation. She recently was the IBM Invited Distinguished Speaker for their Global Webinar Series and presented "The Convergence of Emerging Technologies with AI." Also, she used her entrepreneurial experience to start and continuing organizing the university's Business Plan Competition.

Dr. Wisniewski previously served as vice provost for university research and dean of the graduate school at UAA, establishing an ecosystem of entrepreneurship and innovation. She is the Founding Director of the Arctic Domain Awareness Center at UAA, which she created to develop and transition technologies to improve crisis response capabilities in the Arctic, and led the effort for funding from DHS, making it the first DHS Center of Excellence in Alaska. Before UAA, she was Vice President for Research and Enterprise Development at Stevens Institute of Technology, where she tripled research revenues, launched nine startups, and sold two.

While at DARPA, she created and managed DARPA's first mathematics program, the Applied and Computational Mathematics Program, where she identified and directed many breakthrough advances in science, mathematics, and engineering and pioneered significant advances in AI. Before DARPA, she served at the CIA.

Dr. Wisniewski's executive roles as a Corporate Director at Lockheed Corporation Headquarters and a Vice President at Titan Corporation and ANSER span initiating and directing innovative corporate-wide technology efforts, technology acquisitions, and partnerships. At ANSER, she initiated and guided the development of a system that found missing and exploited children on the internet using AI and facial recognition. She served on the Board of Directors of Greatbatch, Inc., a billion-dollar company publicly traded on the NYSE to design and manufacture implantable medical devices, and on its Audit and Technology Development/Innovation Committees. As Founder and CEO of Aurora Biometrics, she built an international business, raised investment, and sold the company.

Dr. Wisniewski co-authored the book on Academic Entrepreneurship - publisher World Scientific and is currently under contract with them writing her book The Global Supply Chain and Emerging Technologies. Among her awards are the Rotary Vocational Service Award 2021, the 2022 CBPP Innovator Award, the 2021 Graduate Teacher of the Year, and the 2001 Women in Technology Award for Entrepreneurship. She has also received awards for outstanding leadership and noteworthy contributions to scientific research and technology advances from Lockheed, DARPA, and the CIA. The secretary of the Navy appointed her to serve on NRAC. She is an invited speaker at international conferences in the US, Poland, Brazil, Portugal, Spain, Italy, and England and presents topics ranging from AI to dynamical systems to entrepreneurship. She also speaks on AI at local Rotary and organizations. She is featured as a "Prolific Innovator" in IEEE Women in Engineering's 25th Anniversary issue.

Dr. Wisniewski earned her Ph.D. in mathematics from the Graduate Center of CUNY, her MS in math from Stevens Institute of Technology, and her BA in math from William Paterson University, where she is a distinguished Alum.



Elizabeth Albro

Commissioner, National Center for Education Research - Institute of Education Sciences

Dr. Elizabeth Albro, Commissioner of Education Research at the Institute of Education Sciences (IES), U.S. Department of Education, leads a portfolio of investments in state-of-the-art research and research training programs. These investments are building the knowledge and understanding of education practice, systems, and policy needed to improve the quality of education in the United States and optimize education outcomes for all learners. Since joining IES in 2002, she has served both as a program officer and as Associate Commissioner of Teaching and Learning. She has led the Department's development and implementation of open science policies since 2011, and serves as the Department's Scientific Integrity Official. Most recently, Dr. Albro has been leading the IES investment in high-risk, high-reward research and has launched multiple programs seeking to transform education outcomes for learners across the United States. She has edited several books about the science of reading comprehension, and has published articles in *Discourse Processes*, *Scientific Studies of Reading*, and *Educational Psychology Review*. Trained in the behavioral and social sciences, cognition, and communication, she received her Ph.D. in Psychology from the University of Chicago. Prior to joining IES, Dr. Albro was a faculty member, first at Whittier College and subsequently at Wheaton College (Norton, MA). Her commitment to transforming education outcomes for all learners is grounded in her own experience as a preschool teacher in Cochabamba, Bolivia.



Chieko Asakawa, FNAI

IBM Distinguished Service Professor, Carnegie Mellon University

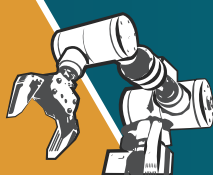
Chieko Asakawa has devoted decades to making the world a more accessible place. Early in her career as a computer scientist she played a critical role in the development of groundbreaking accessibility technologies, including a revolutionary web-to-speech system called the IBM Home Page Reader. More recently, Asakawa has been investigating how artificial intelligence can bring people with disabilities greater independence in their everyday lives.



Rodolphe Barrangou, FNAI

Todd R. Klaenhammer Distinguished Professor in Probiotics Research in the Department of Food Bioprocessing and Nutrition Sciences, North Carolina State University

Rodolphe Barrangou Ph.D. is the T. R. Klaenhammer Distinguished Professor at North Carolina State University. Barrangou is focusing on the characterization of CRISPR-Cas systems, and their applications in bacteria. Rodolphe spent 9 years in R&D and M&A at Danisco and DuPont, and has been at NC State since 2013. Rodolphe received several international awards, and was elected into the National Academy of Sciences, the National Academy of Engineering, and the National Academy of Inventors. Dr. Barrangou earned a BS in Biological Sciences from Rene Descartes University, France, a MS in Biological Engineering from the University of Technology in Compiègne, France, a MS in Food Science from NC State, a PhD in Genomics from NC State and a MBA from the University of Wisconsin-Madison. Dr. Barrangou is also a co-founder of Intellia Therapeutics, Locus Biosciences, TreeCo, Ancilia Biosciences and CRISPR Biotechnologies, and the Editor in Chief of the *CRISPR Journal*.



Ganesh Bora

Associate Vice Chancellor for Research and Technology Innovation Chief Research Officer, Fayetteville State University

Dr. Ganesh Bora is the Associate Vice Chancellor of Research and Innovation and Chief Research Officer for the Fayetteville State University (FSU). In this role, he is guiding innovative research at FSU and helping faculty to commercialize their inventions. He is also part of the US Department of State's delegation for 'Science and Technology Partnership' to Africa. Prior to joining FSU, he was the National Program Leader for Advanced Technology programs at NIFA, USDA where he led the inaugural congressionally mandated 'Farm of the Future' program.

Dr. Ganesh Bora received his PhD in Biological and Agricultural Engineering from Kansas State University, Manhattan, Kansas. He is extremely active in professional societies and presently serve as the Past Chair of Executive Committee on Global Engagement in American Society of Agricultural and Biological Engineers (ASABE). He is an Engineering Program Evaluator for ABET and serves as a US expert in International Standard Organization (ISO).



Geradine Botte, FNAI

Professor & Whitacre Endowed Chair In Sustainable Energy at Texas Tech University

Gerardine (Gerri) Botte is a Professor and Whitacre Endowed Chair in Sustainable Energy at Texas Tech University (TTU) and the Founding Director of the National Science Foundation (NSF) Engineering Research Center for Advancing Sustainable and Distributed Fertilizer Production, CASFER, a \$51million investment of the NSF plus an infrastructure that leverages a vibrant innovation ecosystem and institutional support of five partner academic institutions. She is also currently leading a new initiative at TTU for sustainability and circular economies, under a recently established Institute at TTU. She served as the Whitacre Department Chair in Chemical Engineering at TTU for three years before becoming CASFER Director.

In her tenure as Department Chair, she was instrumental in the implementation of curricula changes and the significant growth and record in research and restrictive research expenditures in the department. Gerri has over 25 years of experience in the development of electrochemical processes as they related to the intersection of energy, water, and food sustainability. She is a visionary and a recognized leader in electrochemical science and technology. She has served in leadership roles for both the International Society of Electrochemistry and the Electrochemical Society and is currently the President the Electrochemical Society (2023-2024). In 2023, she was elected a member of the National Academy of Science of Venezuela, in 2014, she was named a Fellow of the Electrochemical Society for her contributions and innovation in electrochemical processes and engineering. She became a Chapter Fellow of the National Academy of Inventors in 2012. Dr. Botte has 215 publications including peer-reviewed journals, book chapters, 62 granted patents, and 36 pending patents. Dr. Botte and members of her research group are working on the foundation of applying electrochemical engineering principles for advanced and sustainable manufacturing, process intensification, food/energy/water sustainability, and nanomaterials with expertise in electro-synthesis, batteries, electrolyzers, sensors, fuel cells, mathematical modeling, and electro-catalysis.

Dr. Botte is also an entrepreneur, she has been involved in the commercialization of technologies, has founded and co-founded companies, and serves as member of the board of directors in several companies. She received her Ph.D. in 2000 (under the direction of Dr. Ralph E. White) and M.E. in 1998, both in Chemical Engineering, from the University of South Carolina. Prior to graduate school, Dr. Botte worked as a process engineer in a petrochemical plant; she was involved in the production of fertilizers and polymers. Dr. Botte received her B.S. in Chemical Engineering from Universidad de Carabobo (Venezuela) in 1994. She can be reached at Gerri.Botte@ttu.edu



Derrick Brent, HonNAI

Deputy Under Secretary of Commerce for Intellectual Property & Deputy Director of the U.S. Patent and Trademark Office

Derrick Brent is the Deputy Under Secretary of Commerce for Intellectual Property and Deputy Director of the United States Patent and Trademark Office (USPTO). He serves as the principal advisor to Kathi Vidal, Under Secretary of Commerce for Intellectual Property and Director of the USPTO, for one of the largest intellectual property (IP) offices in the world, with more than 13,000 employees and an annual budget of more than \$4 billion.

Deputy Director Brent has served in all three branches of the federal government and the private sector. He clerked for the Hon. Algenon L. Marbley, Chief Judge of the U.S. District Court for the Southern District of Ohio, and served for six years as a Senior Trial Attorney at the U.S. Department of Justice, Civil Rights Division, where he received a Special Achievement Award for his trial work. Also, he served as a Chief Counsel in the U.S. Senate, where handled IP issues along with other areas such as constitutional law, civil rights, and judicial nominations.

Deputy Director Brent's experience in the private sector includes serving as Vice President/Associate General Counsel for Masimo, on the leadership team at Cut Golf, and as an engineer at General Motors.

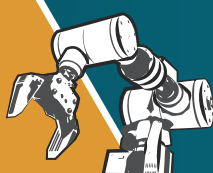
Deputy Director Brent received a Bachelor of Science degree in mechanical engineering from The Ohio State University and a Juris Doctor degree from the Northwestern University School of Law (now the Northwestern University Pritzker School of Law).



Karen J.L. Burg, FNAI

Vice President for Research at the University of Georgia

Burg was named Vice President for Research in 2021. She holds the Harbor Lights Chair in Small Animal Studies in the College of Veterinary Medicine and previously served as Vice President for Research at Kansas State University.

**Almesha Campbell, HonNAI**

Assistant Vice President for Research and Economic Development, Jackson State University

Almesha L. Campbell, PhD., RTTP, is the Assistant Vice President for Research and Economic Development at Jackson State University (JSU). In this capacity, she supports the Vice President with overall responsibility for the Division of Research and Economic Development, which oversees the units of Grants and Contracts, Sponsored Programs, Research Compliance, Technology Transfer and Commercialization, Federal Relations, and the Center for Innovation, Entrepreneurship, and Economic Development.

She designs and manages programs around innovation, technology transfer, and commercialization to broaden the participation of underrepresented minorities in these areas. Dr. Campbell co-led the development of the JSU Center for Innovation and Entrepreneurship and created the JSU Innovation Fellows Program. She is the principal investigator or co-principal investigator for several federally funded programs at JSU including the National Science Foundation (NSF) Mid-South I-Corps Hub, the National Institutes of Health REACH Hub, the NSF Enabling SBE Science via the Network for Transformative Research program, the NSF Engines Development Award: Advancing Food Security and Climate Resilience (MS), and the recently awarded NSF ART program led by the University of Southern Mississippi.

She is the 2023 - 2024 Chair of the Board of Directors of AUTM. In addition to AUTM, she holds membership in professional organizations such as the Licensing Executives Society, Society of Research Administrators (SRA) International, and the American Society of Public Administration, and is an honorary member of the National Academy of Inventors (NAI).



Dedric Carter

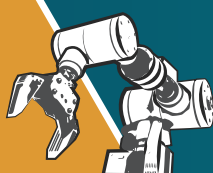
Vice Chancellor for Innovation, Entrepreneurship and Economic Development and Chief Innovation Officer, The University of North Carolina at Chapel Hill, Innovate Carolina

Dedric Carter is a seasoned leader who joins Carolina from Washington University in St. Louis, Missouri, where he serves as vice chancellor and chief commercialization officer and professor of practice in the McKelvey School of Engineering and Olin School of Business.

During his 10-year tenure at WashU, Dedric has led a robust portfolio of strategic operations and innovation functions. In that period, he oversaw tremendous growth for innovation, including leading two university-wide reviews of the policies and procedures on intellectual property, the launch of the “Quick-start” license for faculty startups and developed a plan to renovate and build nearly 200,000 square feet devoted to innovation and commercialization. He recently helped launch a data-intensive, real-world evidence-based company in the health care space (CuriMeta) and served as the inaugural investor director. In addition, Carter co-initiated a commission on women and minority access to venture capital and launched the Needleman Program for Innovation and Commercialization, which is focused on commercializing promising pharmaceutical technologies within the university fence line. These efforts were part of an established five-year strategic plan to focus significant new funding for innovation and commercialization.

Dedric is currently chairman of the Missouri Technology Corporation, where he has overseen the growth of resources for promising ventures and infrastructure in the State of Missouri to over \$125 million. Nationally, he serves as a board member for the Center for American Entrepreneurship and member of the International Advisory Board for the Lemelson Foundation in addition to his local leadership as an executive committee member of Junior Achievement of St. Louis, and board member of the Cortex Innovation District, BioSTL and Repertory Theatre of St. Louis. He is a founding board member and treasurer of the DelMar Divine project developing a non-profit social innovation ecosystem in the west end of St. Louis. Dedric was recently named principal investigator on a \$1 million NSF Engines Development Award for neuroscience/neurotechnology commercialization and increasing cognitive wellness with total PI or Co-PI funding of \$6 million in his career.

Carter earned an undergraduate and graduate degree in electrical engineering and computer science from MIT, an MBA from MIT Sloan School of Management and a doctorate in information systems from Nova Southeastern University. Before he came to WashU, he served as a senior adviser to the director for strategic initiatives at the U.S. National Science Foundation and executive secretary to the U.S. National Science Board. He was assistant dean of engineering at MIT and a former senior principal in strategy and consulting.



Elizabeth Dougherty, HonNAI

Eastern Regional Outreach Director, U.S. Patent and Trademark Office

Elizabeth Lea Dougherty, Eastern Region Outreach Director Office of the Under Secretary and Director U.S. Patent and Trademark Office

Elizabeth Dougherty is the Director of Inventor Education, Outreach, and Recognition in the Office of Innovation Development at the United States Patent and Trademark Office (USPTO). In this capacity, she develops, implements and supervises programs that support the independent inventor community, small businesses, entrepreneurs, and the intellectual property interests of colleges and universities; she supervises the development of outreach programs to women, minority and other underserved communities; she also builds and maintains relationships with state and local governments to promote local programs that support invention and innovation in the United States. Ms. Dougherty has spearheaded a number of special projects with such organizations and oversees a portfolio of ongoing and future initiatives designed to assist independent inventors, entrepreneurs, and minorities.



Munir Eldesouki, FNAI

President of the King Abdulaziz City for Science & Technology

H.E Dr. Munir M. Eldesouki is currently the President of KACST. His 22+ years of experience spans the spheres of R&D, Innovation, and Digital Transformation, where he played influential roles at different levels as seasoned researcher, inventor and leader setting national strategies, policies, and regulations, driving execution and shaping Saudi Arabia's R&D, innovation, and ICT ecosystems.

As a government official, H.E. Dr. Eldesouki played several leadership roles holding senior positions in the Saudi government, such as the Assistant Minister of MCIT.

He is also the Chairman of the BoT of Custodian of the Two Holy Mosques Award to honor inventors and talented individuals, Chairman of the BoT of Almarai Award for Scientific Innovation, Chairman of the BoD for the Saudi-WEF Center for the Fourth Industrial Revolution, and member of a number of boards including the BoT of Hevolution, the Governing Board for Global Research Council (GRC) as Vice-Chair, Ilmi Science Discovery & Innovation Center as Vice-Chair, the Saudi Space Agency, the King Abdullah City for Atomic and Renewable Energy, the Premium Residency Center, the General Organization for Military Industries, the General Authority for Survey and Geospatial Information, the Riyadh Charitable Science Foundation, and the King Salman Science Oasis.

In recognition of his scientific excellence, he received several awards such as the King Abdulaziz Order of Merit Excellence Medal of the First Class and the King's Prize for Inventors, and was elected as a Fellow of the National Academy of Inventors in the USA.



Carol Feghali-Bostwick, FNAI

CREW Program at Medical University of South Carolina

Carol Feghali-Bostwick, Ph.D., was recruited to the Division of Rheumatology and Immunology in 2013 as the SmartState and Kitty Trask Holt Endowed Chair and Professor of Medicine. Dr. Feghali-Bostwick earned her Ph.D. in Microbiology and Immunology at Tulane University in New Orleans, LA. Dr. Feghali-Bostwick leads a team of clinical and basic scientists focusing on the pathogenic mechanisms underlying fibrosis whose goal is to identify novel targets for therapy and develop new anti-fibrotic strategies for scleroderma/systemic sclerosis, idiopathic pulmonary fibrosis, and other fibrosing conditions. Dr. Feghali-Bostwick also contributes to the mentoring of young physician and academic scientists.

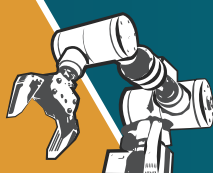


Spruce Fraser

Librarian, U.S. Patent and Trademark Office

Spruce Fraser has ten years of business experience with an international transportation company which includes systems analysis, office automation, designing a customer satisfaction index after interviewing top 300 customers, and as Automotive Marketing Facility Manager.

Also, she has over twenty years as librarian in both academic and public libraries with expertise in culinary, botany, mycology, small business, entrepreneurship, and patents and trademark information.



Raymond Fu, FNAI

COE Distinguished Professor, Electrical and Computer Engineering, Jointly Appointed, Khoury

Dr. Y. Raymond Fu is widely-renowned AI expert, distinguished professor, and a successful serial entrepreneur. He received the Ph.D. degree in Electrical and Computer Engineering from the University of Illinois at Urbana-Champaign. He is Distinguished Professor affiliated with both College of Engineering and the Khoury College of Computer Sciences at Northeastern University. He has authored more than 500 scientific publications as well as over 40 patented inventions. He received 7 Prestigious Young Investigator Awards from NAE, ONR, ARO, IEEE, INNS, UIUC, Grainger Foundation; 12 Best Paper Awards from IEEE, ACM, IAPR, SPIE, SIAM; many major Industrial Awards from Google, Amazon, Samsung, Adobe, JPMorgan Chase, NEC, Snap, Cisco, Toyota, MERL, PicsArt, Konica Minolta, Zebra, and Mathworks, etc. He is Member of Academia Europaea (MAE), Member of European Academy of Sciences and Arts, Fellow of National Academy of Inventors (NAI), Fellow of AAAS, IEEE, AIMBE, IAPR, OSA, SPIE, and AAIA; a Lifetime Distinguished Member of ACM, Lifetime Senior Member of AAAI and Institute of Mathematical Statistics, member of ACM Future of Computing Academy, Global Young Academy, AAAS, and INNS.



Marc Gibson

Associate Vice Chancellor for Research and Director, Division of Partnerships and Economic Development, The University of Tennessee, Knoxville

Marc Gibson is the Associate Vice Chancellor for Research and Director of the Division of Partnerships and Economic Development (DPED). He leads a team that oversees university-wide strategy for engaging with industry, government, and non-profit partners. Marc's success in this role results from his extensive industry and community connections in East Tennessee and his understanding of how to align diverse and sometimes competing stakeholder interests and perspectives to work towards a shared goal for the benefit of all. DPED supports inclusive economic development and impacts through knowledge and technology transfer to industry and community partners, small business incubation and support, and the development of place-based innovation initiatives that expand economic opportunities for Tennessee businesses, communities, and individuals. Working closely with the UT Research Foundation, the UT Research Park at Cherokee Farm, and other key organizations, DPED assists with the formation and expansion of strategic partnerships between UT and external partners whose interests align with the university's commitment to advancing knowledge and its impact in the community. Finally, DPED helps catalyze competitive proposal opportunities with external sponsors (government agencies, industry, non-profit organizations, and individuals) to expand the university's knowledge enterprise. Marc serves as a board member on the Tennessee Advanced Energy Business Council (TAEBC) and has held previous appointments for leading organizations such as the University-Industry Demonstration Partnership (UIDP), the Network for Academic Corporate Relations Officers (NACRO), TennSMART, as well as multiple industry advisory positions including the Institute for Advanced Composites Manufacturing Innovation (IACMI), The Shull Wollan Center for Neutron Sciences, and the Transportation Research Center at UT.



Jonathan Glass

Acting Deputy Director for Commercialization, Advanced Research Projects Agency - Energy (ARPA-E)

Jonathan (Jon) Glass serves as the acting Deputy Director for Commercialization at the Advanced Research Projects Agency – Energy (ARPA-E), the U.S. Department of Energy’s transformative energy technology R&D funding arm. He brings over twenty years of executive experience in business development, venture capital, technology commercialization, new business creation and IP licensing.

From 1998 to 2014, Jon served in multiple executive roles at General Electric. He was the senior managing director for business development at GE Licensing, a managing director at GE Equity, and a managing director at GE Capital’s commercial lending business. After GE, Jon co-founded two technology start-up companies, Wise Labs and Vener8 Technologies, where he led strategic partnership, product development and revenue generation activities. Most recently, Jon was the Director of Venture Accelerations at National Grid Partners, where he oversaw the NextGrid Alliance, a network of over 80 power utilities to foster industry-wide innovation and collaboration to accelerate the energy transition.

Jon received an MBA, with honors, from the Wharton School of the University of Pennsylvania and an AB, Magna Cum Laude from Harvard College. He is a co-inventor on two US patents and previously served on the Research Advisory Committee of the Electric Power Research Institute (EPRI).



Michael Good, FNAI

Chief Executive Officer, University of Utah Health

Dr. Michael Good serves as CEO of University of Utah Health and Senior Vice President of Health Sciences. He previously served as Executive Dean of the Spencer Fox Eccles School of Medicine 2018-2023 and as Interim President of University of Utah in 2021. In his roles leading the health system, Good works to assure the professional and educational success of more than 25,000 talented faculty, staff, and students who make U of U Health one of the nation’s premier academic health centers. He is leading the organization through a period of remarkable growth, evidenced by the construction of over a dozen major new facilities on the health campus and in the community, the implementation of transformational educational and research initiatives, and the recruitment of dozens of new leaders and hundreds of new faculty. Early in his career, Dr. Good led a team of physicians and engineers to create and patent the Human Patient Simulator, a sophisticated computerized teaching tool now used in health-care education programs throughout the world. In 2023, Dr. Good was elected to the National Academy of Inventors. Dr. Good and his wife, Danette, have five children and seven grandchildren.

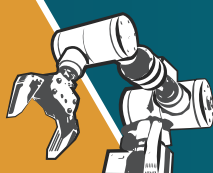


Jennifer Gottwald

Director of Licensing at Wisconsin Alumni Research Foundation & Member of the AUTM Women Inventors Special Interest Group

Jennifer Gottwald is Director of Licensing at the Wisconsin Alumni Research Foundation (WARF), where she has worked for over twenty years. WARF manages the patenting and licensing of the University of Wisconsin – Madison (UW), the WiCell Research Institute, and the Morgridge Institute for Research. Dr. Gottwald is responsible for the licensing of a portfolio of life science research tool and biotechnology intellectual properties, including green technologies. She is a Certified Licensing Professional and Patent Agent. She received a B.S. in botany and German literature, and a Ph.D. in plant molecular biology, from the UW. She lectures in the M.S. in Biotechnology program at the UW, serves as a trustee of the WiSys Technology Foundation, is a founder and active in the AUTM Women Inventors group, and volunteers with Equalize Startups.

Jennifer is a Director of Licensing at WARF, the technology transfer office for UW-Madison, where she licenses biotechnology intellectual properties. She holds a Ph.D. in plant molecular biology from the UW. She lectures at UW, serves as a trustee of WiSys, and actively participates in the AUTM Women Inventors group.



Emma Grahm

Programs Manager, Change YOUR Game, Lemelson Center

Emma Grahm is the Programs and Interpretation Manager for the Lemelson Center. Emma specializes in creating and implementing inquiry-based experiences for visitors of all ages. As a member of the Lemelson Center team, Emma oversees the Spark!Lab floor staff and volunteer corps that help facilitate personal, meaningful, and innovative experiences for children and families visiting the museum. She also participates in the development of other Lemelson Center programs advancing new perspectives on invention and innovation and fostering interactions between the public and inventors. Emma strives to spark conversation, build relationships with museum visitors, and empower all visitors to see themselves as inventors.



Suzanne Harrison, HonNAI

Founder and Principal of Percipience, LLC

Suzanne S. Harrison is an author, patent futurist, and economist. She works with companies both large and small to help them utilize their patent data to make more informed decisions and realize the true value of their intellectual property.

She is currently a member of the Patent Public Advisory Committee (PPAC) for the USPTO. She is also the Founder and Principal of Percipience LLC, a board-level advisory group focused on IP and innovation strategy, management, and quantifying and mitigating IP risk.

Since 1995, she has led a group called the ICM Gathering, an invitation-only group of 20 companies that meet regularly to define, create, benchmark and test best practices in IP management. Her books draw on her work with the Gathering, and feature success stories of companies leading the way in innovative IP management. She is a Board member of the USIPA and co-chair of the Diversity & Inclusion committee which launched the Diversity Pledge to assist companies in increasing diversity in inventorship. She is also a Board member and North American Regional Chair of the Global IP Alliance.

She holds an undergraduate degree in economics from UC Davis, and an MBA from the University of Chicago. She lives in San Francisco, CA, with her husband and two children.



David Hatchett

Interim Vice President, Executive Director of Research Infrastructure and Professor, University of Nevada, Las Vegas

Dr. Hatchett's research focuses on the dissolution, coordination, and solubility of f-element species dissolved into ionic liquids. Ionic liquids (ILs) are chemically stable purely ionic solutions at room temperature and they are composed of cation/anion pairs that can be exploited to provide a wide range of tunable physical and chemical properties. Ionic liquids also provide unique solution environments for electrochemical deposition of actinides because traditional side-reactions associated with common working electrodes in aqueous solution are eliminated. The potential windows associated with GC, Pt, and Au working electrodes in IL, $[\text{Me}_3\text{BuN}] [\text{TFSI}]$ trimethyl-n-butylmethylammonium bis(trifluoromethylsulfonyl)imide provide an absolute potential window of approximately 4.5 V for Pt, 5.0 V for Au, and 6.0 V for GC, which encompass the thermodynamic potentials associated with the oxidation/reduction of actinide species to metal. The electrochemical deposition and formation of actinide thin films at electrode interfaces is the primary goal. The methods that are utilized include the synthesis of actinide TFSI complexes that can be directly dissolved into the ionic liquid $[\text{Me}_3\text{BuN}] [\text{TFSI}]$ trimethyl-n-butylmethylammonium bis(trifluoromethylsulfonyl)imide. The goal of the research is to increase the ultimate solubility and to facilitate the in-situ formation of stable, coordinated actinide complexes to provide a more systematic and comprehensive approach to the electrochemical deposition of actinides films. To date, Dr. Hatchett and his team have successfully demonstrated the deposition of U metal from ionic liquid using electrochemical methods. Similar results have been obtained for more electropositive lanthanide species.



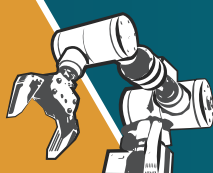
David Hinton

Executive Director, Technology Ventures, Vice Chancellor for Economic Development, University of Arkansas

David J. Hinton, MBA, PhD serves as Executive Director of Technology Ventures at the University of Arkansas, Fayetteville. David accelerates the process of transferring innovative solutions outside the walls of the University and into the marketplace. David leads all aspects of the University's intellectual property commercialization pipeline. David works with faculty, staff, and students to protect intellectual property that arises out of their research and work at the University. David manages the intellectual property protection strategy of each technology and actively identifies best-fit collaboration, technology evaluation or development, and licensing opportunities with established companies and startups.

David is also co-instructor of the graduate level New Venture Development class within the Department of Strategy, Entrepreneurship, and Venture Innovation at the University of Arkansas. This two-semester course facilitates the organic formation of multidisciplinary teams of graduate students from science, technology, engineering and math backgrounds with students participating in the master of business administration, finance, accounting, fine arts and other graduate level programs. Students utilize lean startup methodology to identify and derisk a problem-solution and product-market fit. Students then participate in a business plan pitch competition circuit and some teams formally register a company to commercialize the innovation upon completion of the course. David also co-teaches Strategic Management for Entrepreneurs within the Department of Strategy, Entrepreneurship, and Venture Innovation at the University of Arkansas.

Formerly, David was Acting Executive Director and Associate Director of Technology Ventures at the University of Arkansas. David has also served as the Marketing and Licensing Associate in the Office of Commercialization and Industry Collaboration at the University of South Alabama in Mobile, Alabama where he led the marketing and licensing efforts of university intellectual property. David has also spent time at Mayo Clinic Ventures and the Mayo Clinic Business Accelerator, both in Rochester, Minnesota, where he catalyzed the growth of early-stage start-up companies. Furthermore, David has been involved in starting two new ventures. David holds a PhD in Neuroscience from Mayo Clinic Graduate School of Biomedical Sciences and an MBA from the University of South Alabama Mitchell College of Business.

**Doug Hockstad, HonNAI**

Associate Vice President, Tech Launch Arizona, The University of Arizona

Doug is an accomplished professional with extensive experience in technology transfer, strategic planning, and relationship management. Over his career spanning more than 35 years, Doug has demonstrated his expertise in product management, corporate relations, negotiating license agreements, building entrepreneurial ecosystems, and driving policy changes.

At The University of Arizona, Doug has held various leadership roles within Tech Launch Arizona (TLA). During his tenure, Doug spearheaded the restructuring of the technology licensing team, created startup support programs, and nurtured community outreach and ecosystem development efforts. In just the last five years, TLA's activities have had an economic impact on the region of \$1.6B and supported 2500 jobs. Doug currently sits on the board of a local executive-level group focused on the Tucson regional ecosystem. Prior to the University of Arizona, Doug held key positions in the software industry including at the world-wide leader in executive information systems, and later a startup launched out of Israel in the same field. Throughout his career, Doug has consistently demonstrated a strong commitment to driving innovation, fostering partnerships, and contributing to the growth of technology ecosystems.

**Keith Holland**

Associate Vice President for Research and Economic Development, James Madison University

Keith Holland, Ph.D., serves as the AVP for Research and Economic Development at James Madison University. In this role, he coordinates opportunity discovery, partnership development, and network activation for initiatives aimed at elevating talent development, research, innovation, and quality of life in and beyond Virginia. Since 2018, Dr. Holland has held various research administration roles at James Madison University and is a Professor of Engineering. Prior to his academic career, Keith served as the Vice President for Research within a startup technology company, advancing patented technology that he developed as a graduate student. Keith holds a Ph.D. in Mechanical and Aerospace Engineering from the University of Virginia.



Igor Jablovkov

Chief Executive Officer & Founder, Pryon

Igor is the CEO and Founder of Pryon. Named an “Industry Luminary” by Speech Technology Magazine, he previously founded industry pioneer Yap, the world’s first high-accuracy, fully-automated cloud platform for voice recognition. After its products were deployed by dozens of enterprises, the company became Amazon’s first AI-related acquisition. The firm’s inventions then served as the nucleus for follow on products such as Alexa, Echo, and Fire TV. As a Program Director at IBM, Igor led the team that designed the precursor to Watson and developed the world’s first multimodal Web browser.

Igor was awarded Eisenhower and Truman National Security fellowships to explore and expand the role of entrepreneurship and venture capital in addressing geopolitical concerns. As an innovator in human language technologies, he believes in fostering career and educational opportunities for others entering STEM fields. As such, he serves as a mentor in the TechStars’ Alexa Accelerator, was a Blackstone NC Entrepreneur-In-Residence (EIR), and founded a chapter of the Global Shapers, a program of the World Economic Forum. Igor holds a B.S. in Computer Engineering from The Pennsylvania State University, where he was named an Outstanding Engineering Alumnus, and an MBA from The University of North Carolina.



Ana Jaklenec, FNAI

Principal Research Scientist and Principal Investigator, Koch Institute for Integrative Cancer Research, Massachusetts Institute of Technology

Dr. Ana Jaklenec, a principal research scientist and principal investigator at the David H. Koch Institute for Integrative Cancer Research at MIT, is a leader in the fields of bioengineering and materials science, focused on controlled delivery and stability of therapeutics for global health. She has over 15 years of experience and is an inventor of several drug delivery technologies that have the potential to enable equitable access to medical care globally. The Jaklenec lab at the Koch Institute is developing new manufacturing techniques for the design of materials at the nano-and micro-scale for self-boosting vaccines, 3D printed on-demand microneedles, heat-stable polymer-based carriers for oral delivery of micronutrients and probiotics, and long-term drug delivery systems for cancer immunotherapy. She has published over 100 manuscripts, patents, and patent applications and has founded three successful companies, Particles for Humanity, VitaKey, and OmniPulse Biosciences. She is the recipient of the NIH NRSA award and is an elected fellow of the National Academy of Inventors, the American Institute of Medical and Biological Engineering, and the Controlled Release Society.

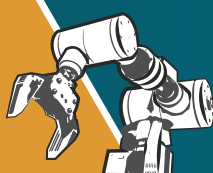


Lisa Jordan

Senior Vice President, Technology Commercialization, St. Jude Children’s Research Hospital

Lisa Jordan joined St. Jude Children’s Research Hospital in January of 2024. In her role as the hospital’s first Senior Vice President of Technology Commercialization & Industry Partnerships, she will work with researchers developing scientific breakthroughs to commercialize innovations through several means, establishing collaborations with industry partners, launching startup companies, and expanding licensing efforts to established companies. Through a team approach based on close collaboration between scientists, clinicians, and industry experts, she will bring a greater number of new technologies to the clinic, enabling discoveries to reach more patients worldwide.

Lisa has over 25 years of experience as a life science venture capitalist and entrepreneur and is excited to use her extensive experience to further the St. Jude mission of treating and curing catastrophic pediatric diseases. Before joining St. Jude, Lisa was a venture capitalist, investing in and serving on the board of directors of numerous life science start-up companies and serving in a variety of operational roles in the life science industry, including CEO. She earned her MBA in Healthcare Management from the Wharton School at the University of Pennsylvania and holds a Master of Science in Engineering.



Patrick Kilbride

Public Policy Expert, Kilbride Public Affairs

Patrick Kilbride is a public policy expert focusing on the economics of innovation. As Director at Kilbride Public Affairs, Patrick works with industry and other stakeholders to foster a healthy innovation ecosystem at home in the United States and around the world through advocacy on intellectual property rights, investment, and the rule of law.

In leadership roles in the U.S. Chamber of Commerce, Patrick guided teams dedicated to the promotion and enforcement of IP rights and pro-business advocacy throughout the Americas. There, he founded the Coalition for the Rule of Law in Global Markets, which he considers fundamental to any country's economic success, particularly in innovation.

Prior to the Chamber, Patrick served in the administration of George W. Bush as Deputy Assistant Trade Representative and in various industry government affairs roles. He lives in Alexandria, Virginia.



Anna Leese de Escobar, FNAI

Chief Executive Officer, Technology Vector Inc., CEO PICOSYNC Technology Inc. Entrepreneur in Residence, and University of California, San Diego Office of Innovation and Commercialization

Anna Leese de Escobar has decades of experience in superconducting electronics research, development and the transition of cutting edge technology into military systems. Founded a thriving R&D laboratory within the US Navy R&D establishment. Innovation in devices and systems via patents, publications and non-public processes.

Turning my attention to a broader field of environmental intelligence and a wider systems gaze at Laconic Global.

Continuing to serve the science and innovation communities when and where I can through Committees and Board service. Proud Fellow of the National Academy of Inventors and Senior Member of IEEE.



James Lillard, FNAI

Senior Associate Dean of Research, Innovation and Commercialization, Morehouse School of Medicine

Dr. Lillard is an immunologist who uses both in silico and in vivo methods to develop biologics or molecular tests to better treat or diagnose, respectively, chronic diseases. His research involves dissecting the molecular mechanisms of cancer and inflammatory diseases, using clinically annotated NGS and real-world data for the implementation of precision medicine. His research contributions span disciplines including oncology, immunity, inflammation and biodefense. Dr. Lillard's cumulative peer-reviewed funding principally directed over his scientific career exceeds \$70 million and he has authored over 300 scientific communications, which have been cited over 10,000 times.



Teik Lim, FNAI

President of New Jersey Institute of Technology and Distinguished Professor of Mechanical Engineering

Dr. Teik C. Lim is the 9th President of New Jersey Institute of Technology (NJIT) and also holds the title of Distinguished Professor of Mechanical Engineering. Prior to joining NJIT on July 1 of 2022, Dr. Lim led the University of Texas at Arlington (UTA) as interim president from 2020-2022 and was Provost and Vice President for Academic Affairs at UTA from 2017-2020.

Dr. Lim's career began in the private sector before transitioning to faculty appointments and then to university administration. He worked as an engineer at Structural Dynamics Research Corporation before joining The Ohio State University Center for Automotive Research as a research scientist. He taught at the University of Alabama beginning in 1998, as associate professor, before joining the University of Cincinnati in 2002, where he advanced from associate professor to professor to department head and to associate dean for graduate studies and research before, ultimately, being named Dean of the College of Engineering and Applied Science.

Dr. Lim earned his Bachelor of Science in Mechanical Engineering (ME) from Michigan Technological University, his Master of Science in ME from the University of Missouri-Rolla, and his Ph.D. in ME from The Ohio State University.

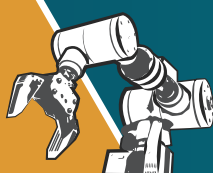
Dr. Lim is internationally recognized as a leading scholar in the field of structural vibrations and acoustics as well as modeling and simulation technology. He was named a Fellow of the National Academy of Inventors in 2018. He is also Fellow of the American Society of Mechanical Engineers and the Society of Automotive Engineers. Dr. Lim was recognized with the Thomas French Alumni Achievement Award in 2010, the GearLab Distinguished Alumnus Award in 2017, and the Distinguished Alumni Award for Academic Excellence in 2019 from his alma mater, The Ohio State University.



Elizabeth Loba, FNAI

Provost and Vice President for Academic Affairs, Southern Methodist University

Elizabeth G. Loba, Ph.D., has served as SMU's Provost and Vice President for Academic Affairs since July 6, 2020. Dr. Loba brings a distinguished academic record and broad university leadership experience to her role. At SMU, she has successfully challenged community members to establish academic priorities for the next 3-5 years that will allow SMU to reach its full potential as a premier research and teaching university with global impact. As a trained biomedical engineer and established researcher, Loba understands the importance of data to inform decisions and has spent considerable time establishing the data and reporting structures that will best shape and define the university's academic strategy. She has a deep commitment to transparency and has opened up multiple avenues for consistent and open communication across the university.



Kelly Lucas

Vice President for Research, The University of Southern Mississippi

Kelly Lucas, Vice President for Research at the University of Southern Mississippi, is responsible for shaping the institution's research and economic development vision and mission. With a focus on fostering innovation and collaboration, Lucas expands research opportunities across disciplines and cultivates partnerships with industry, government agencies, academic institutions, and non-profit organizations. She provides oversight for research activities across four academic colleges and manages ten research centers, two innovation clusters, and various research support units spread across multiple campuses and research sites at Southern Miss.

In her leadership roles, Lucas serves as the Executive Director of the USM Research Foundation, President of the board for the Walter Anderson Museum of Art, and Chair of the Mississippi Research Consortium. She also sits on the boards of The Gulf of Mexico University Research Collaborative, the Established Program to Stimulate Competitive Research/Institutional Development Award (EPSCoR/IDEA) Foundation, and the Governor's Gulf Coast Advisory Committee for Eco-restoration.

Lucas previously served as the Associate Vice President for Research Coastal Operations and in directorial roles at the Thad Cochran Marine Aquaculture Center and the Gulf Coast Geospatial Center. Before rejoining USM, she was the first Chief Scientific Officer for the Mississippi Department of Marine Resources. Prior to pursuing her doctorate, Lucas worked in sales and marketing.

A native of the Mississippi Gulf Coast, Lucas holds a Doctoral degree in coastal science from USM, a Master of Business Administration from the University of Alabama-Birmingham, and a Bachelor of Science degree in microbiology from Mississippi State University. She has also served as the USM Science Fellow in the Office of Senator Thad Cochran, advising on ocean and atmosphere legislation and policy. Lucas has authored numerous scientific publications throughout her career and played a key role in establishing industry partnerships and securing grant funding.



Nicky Lu, FNAI

Research Chair Professor, National Taiwan University, Chairman and Founder Etron Technology

Dr. Lu received his B.S. in Electrical Engineering from National Taiwan University and M.S. and Ph.D. in EE from Stanford University. He worked for the IBM Research (esp. with Dennard and Terman) and then IBM HQs (Staff & Semiconductor Program Manager for Group President and CEO) from 1982 to 1990 and won numerous IBM Innovation/Technical Achievement Awards, including an IBM Corporate Award. He invented a SPT (Substrate-Plate Trench) DRAM cell using a novel 3D trench-capacitor structure which drove innovative technologies realized in billions of ICs (e.g. trench etching and filling, Chemical-Mechanical Polishing, MeV ion-implantation, salicides, Tungsten-studs, Damascene Backend and Copper interconnections) and created High Speed DRAM (HSDRAM) chips/circuits to revolutionize Memory's random access speeds by 3X faster than conventional ones, which realizing the world's first 4Mb DRAM product by IBM who later licensed to many companies making DRAMs from 4Mb to 1Gb densities and Embedded DRAMs prevailing in computers, cell phones and mobile vehicles.



Samantha Maldonado

Chief Executive Officer, Chaska Consulting, Certified Professional Diversity Coach & Business Consultant

Samantha Maldonado is a collaborative and transformational leader, a disruptor, and a change catalyst. She approaches challenges with unbridled curiosity, forging sustainable solutions that reimagine the future and challenge the status quo in innovative and relevant ways. Her commitment lies in unlocking potential, encouraging emboldened thinking, and igniting innovation. Samantha is a seasoned leader with over fifteen years of proven results in guiding growth in Fortune 500 companies in areas of Business Transformation, Organizational Development, D&I, and Executive Leadership Coaching. She is recognized as an authority in DE&I, strategy, and change leadership. Samantha is a sought-after coach, consultant, presenter, and facilitator known for her compelling insights and her passion for developing talent, innovating, and delivering value. Samantha specializes in executive leadership coaching and collaborative business consulting. Her inclusive and intentional coaching relationships cater to everyone, from individual contributors to high-ranking executives, spanning diverse industries. In her hands, she creates spaces where honesty reigns, where obstacles dissolve, and opportunities come to life with intention. In her business consulting, that includes, but is not limited to, leadership development, strategic planning, continuous improvement, DEIB and other HR-related areas. Her collaborative and intuitive style delivers valuable thought leadership, practical experience, proven techniques, and actionable frameworks to activate strategies that propel clients forward. Samantha's services are centered on introducing clarity, intentional transformation, and self-motivation while equipping clients with techniques to effectively optimize their performance and unleashing the forces of success. She is committed to unlocking potential to be bold, think big, and inspire innovation.



Andre W. Marshall

Vice President for Research, Innovation and Economic Impact and President of the George Mason Research Foundation

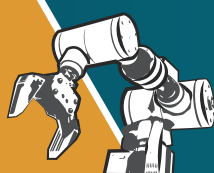
Andre W. Marshall is Vice President for Research, Innovation, and Economic Impact at George Mason University and President of the George Mason Research Foundation. As the university's senior research officer, Dr. Marshall provides overall leadership for the portfolio of research, innovation, and economic development activities.



Dinesh Manocha, FNAI

Distinguished Professor and Paul Chrisman Iribe Professor of Computer Science and Electrical and Computer Engineering, University of Maryland, College Park

Dinesh Manocha is Paul Chrisman-Iribe Professor in Computer Science & Electrical and Computer Engineering and Distinguished University Professor at University of Maryland College Park. He is also the Phi Delta Theta/Matthew Mason Distinguished Professor Emeritus of Computer Science at the University of North Carolina - Chapel Hill. His research interests include virtual environments, physically-based modeling, and robotics. His group has developed several packages for multi-agent simulation, robot planning, and physics-based modeling that are standard in the field and licensed to more than 60 commercial vendors. He has published more than 760 papers & supervised 50 PhD dissertations. He is an inventor of 17 patents, some of which are licensed to industry. He is a Fellow of AAAI, AAAS, ACM, IEEE, and NAI, member of ACM SIGGRAPH and IEEE VR Academies, and Bézier Award recipient from Solid Modeling Association. He received the Distinguished Alumni Award from IIT Delhi the Distinguished Career in Computer Science Award from Washington Academy of Sciences. He was a co-founder of Impulsonic, a developer of physics-based audio simulation technologies, which Valve Inc. acquired in November 2016. He is also a co-founder of Inception Robotics, Inc. He has worked closely with DoD Agencies and Army labs and transitioned many technologies related to virtual environments and training, GPU technologies, audio simulation and computer-aided design.



Sherri McFarland, SMNAI

Professor of Chemistry and Biochemistry, The University of Texas at Arlington

Sherri is a professor in the Department of Chemistry and Biochemistry at the University of Texas at Arlington. Her expertise lies in the areas of synthetic and natural products chemistry, inorganic photophysics, and photomedicine. She has a passion for translational research and entrepreneurship. Her research group developed a novel drug that is currently in Phase 2 clinical trials for treating bladder cancer patients with photodynamic therapy, with 63 patients treated to date. Sherri also co-founded a company called Photodynamic Inc that has developed a light-based treatment for improving oral health. Their product called PhytoLight has completed two clinical studies and is commercially available and already being used in a number of orthodontic clinics. Sherri is currently President-Elect for the American Society of Photobiology and has served as the Treasurer, Vice President, and now President of the UTA Chapter of the NAI. She will be inducted as a Senior Member of the NAI at this meeting.



Nichole Mercier

Assistant Vice Chancellor for Washington University in St. Louis & Managing Director of the Office of Technology Management

Nichole Mercier is the Assistant Vice Chancellor & the Managing Director of the Office of Technology Management for Washington University in St. Louis (WashU). In this role, she sets the strategy for technology transfer and oversees all operations relating to the licensing and protection of intellectual property assets and launching new WashU startups. Dr. Mercier originally joined the Office of Technology Management in 2005 as a member of the licensing team after moving to St. Louis from her licensing role at Boston Children's Hospital. She is also nationally recognized for her work to help women and minorities overcome barriers in technology transfer and entrepreneurship, establishing one of the earliest university programs, Women in Innovation and Technology (WIT), to engage women researchers in inventing and tech transfer activities. Dr. Mercier is also the co-founder of Equalize Inc, a non-profit entity whose national offerings empower academic women researchers to launch startups from their scientific discoveries. She holds a PhD in Cell Biology from the University of Massachusetts Medical School and a MA and BA in biology from Clark University.



Subhra Mohapatra, FNAI

Professor, College of Medicine Molecular Medicine, University of South Florida

One of the major focus of my laboratory is to understand the role of onco-immune environment, which plays a critical role in tumor growth, drug resistance and recurrence. To this end, we have developed methods and technologies to expand cancer stem cells (CSCs) that drive tumor initiation and progression, identified novel drug candidates for targeting CSCs and sensitizing tumors to immune checkpoint blockers in colon and lung cancer models. Another focus of my laboratory has been to study chemokine signaling pathways involving spleen-brain axis in regulating neurodegeneration in traumatic injury patients. Toward these goals, we have developed in vitro models of blood-brain-barrier, in vivo rodent models, nose-to-brain delivery methods and anti-inflammatory agents. Since the COVID 19 pandemic, our lab has initiated studies to understand the neurotropism of SARS-CoV2 virus.



Lateef Mtima, HonNAI

Professor of Law, Howard University, HBCU Schools of Law Program University

Lateef Mtima is a Professor of Law at the Howard University School of Law, and the Founder and Director of the Institute for Intellectual Property and Social Justice, an accredited NGO member of the World Intellectual Property Organization (WIPO), which advocates for core principles of socially equitable access, inclusion, and empowerment in the development and implementation of the IP ecosystem.



Akbar Naqvi

Analyst for the Office of Technology's Policy Team, U.S. Department of Energy

Akbar Naqvi is an economist at the Department of Energy's Office of Technology Transitions (OTT). Along with the rest of OTT's Policy and Practice team, he is implementing a program evaluation framework across the office to communicate the impacts of its programs, which primarily support DOE's National Laboratory complex in commercializing innovative technologies and bringing inventions to the marketplace. Akbar also serves as a subject matter expert, using his background in economics and data analysis to help OTT become a more data-driven organization that thinks about its activities in a more analytically rigorous way.



Sethuraman Panchanathan, FNAI

Director, National Science Foundation

The Honorable Sethuraman Panchanathan is a computer scientist and engineer and the 15th director of the U.S. National Science Foundation. Panchanathan was nominated to this position by the president of the United States in 2019 and unanimously confirmed by the Senate on June 18, 2020. NSF is a \$9.06 billion independent federal agency and the only government agency charged with advancing all fields of scientific discovery, technological innovation and science, technology, engineering and mathematics education.

Panchanathan is a leader in science, engineering and education with more than three decades of experience. He has a distinguished career in both higher education and government, where he has designed and built knowledge enterprises that advance research innovation, strategic partnerships, entrepreneurship, global development and economic growth.



Vanessa Peña

Director of Technology Transfer Policy for the department of Energy's (DOE) Office of Technology Transitions

Vanessa Peña serves as the Director of Technology Transfer Policy for the Department of Energy's (DOE) Office of Technology Transitions. In this role, she advises and guides DOE strategic planning, policy, and priorities related to technology transfer, including complex issues in science and technology, innovation, economic competitiveness, and national security.



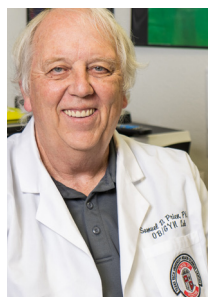
Laura Peter

Executive Director for Research Commercialization & Development, The University of North Carolina at Charlotte

As Executive Director of the Office of Research and Commercialization, Laura Peter works closely with the Vice Chancellor and Associate Vice Chancellor for Research as well as other leaders across the university to provide visionary and strategic leadership for UNC Charlotte's innovation, corporate research and technology commercialization activities. In this role, she supports and encourages university-wide programs for intellectual property awareness, development, innovation and engagement with business in the region, across the nation and around the globe.

Prior to her arrival at UNC Charlotte, Laura served as the Deputy Under Secretary of Commerce for Intellectual Property and Deputy Director of the United States Patent and Trademark Office (USPTO). She was the principal advisor to the Under Secretary of Commerce for Intellectual Property, and responsible for all agency operations. This includes oversight for the USPTO Regional Offices, managing 13,000 employees, and executing the policies, priorities and programs for an annual budget of \$3.5 billion. She is an enthusiastic advocate and frequent speaker within IP Community on STEM, innovation diversity and intellectual property issues. Laura Peter is recognized by World IP Review as one of the most "Influential Women in IP," Ms. Peter has practiced intellectual property law for over 25 years in leadership roles in the high technology industry.

Laura received a Bachelor of Science in industrial engineering from Cornell University and a master's in public policy from the University of Chicago. She also holds a Juris Doctor from Santa Clara University School of Law and a Master of Law degree in international business law from King's College, University of London.



Samuel Prien, FNAI

Professor, Reproductive Physiology, Assisted Reproduction, Texas Tech University Health Sciences Center

Samuel Prien, Ph.D., HCLD, FNAI, is director of the Clinical and Research Laboratories and a professor in the Department of Obstetrics and Gynecology at Texas Tech University Health Sciences Center (TTUHSC). In addition, he holds a joint appointment in Animal and Food Sciences at Texas Tech University (TTU). He earned his Ph.D. in Animal Science from TTU with an emphasis in reproductive physiology in 1991. Since joining the faculty in 1992, he has trained almost 60 graduate students, received numerous grants totaling over two million dollars in funding, and published over 100 journal articles. Additionally, he has made over 350 presentations at scientific meetings. He serves as a peer reviewer for grants and publications and mentors others learning the IP process. He currently holds seven U.S. Patents, with nineteen associated international patents, and has others pending. All awarded patents and other IP have been licensed to industry.



Cassandra Quave, FNAI

Curator of the Herbarium and Associate Professor of Dermatology and Human Health, Emory University

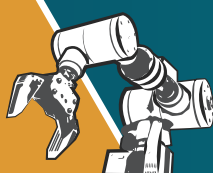
Cassandra Quave, Ph.D. is Curator of the Herbarium and Associate Professor of Dermatology and Human Health at Emory University, where she leads natural product drug discovery research initiatives and teaches courses on medicinal plants, microbiology, and pharmacology. As a medical ethnobotanist, her work focuses on the documentation and pharmacological analysis of plants used in traditional medicine. She earned her B.S. in Biology and Anthropology from Emory University in 2000, her Ph.D. in Biology from Florida International University in 2008, and completed post-doctoral fellowships in Microbiology at the University of Arkansas for Medical Sciences (2009-2011) and Human Health at Emory University (2012). Her research focuses on the discovery of plant secondary metabolites with antimicrobial properties and this work is supported by the National Institutes of Health, industry contracts, and philanthropy.



Patrick Reed

Executive Director, The IP Exchange at Auburn University

Patrick E. Reed, RTTP, Executive Director of the IP Exchange at Auburn University, has spent the entirety of his career helping to advance academic innovation for the benefit of the public. Formerly working solely in traditional academic technology transfer, he recognized the importance of “feeding the top of the funnel” and shifted his focus to creating long-lasting relationships with external partners for all things related to the translational research enterprise. Patrick earned a Master of Science degree in biotechnology from the Kellogg Center for Biotechnology at Northwestern University and has worked in the technology transfer offices at the LSU AgCenter, Georgia Tech, LSU Health Sciences Center New Orleans, and Pennington Biomedical Research Center.

**Jamie Renee, HonNAI**

Executive Director, National Academy of Inventors

Jamie Renee serves as the Executive Director for the National Academy of Inventors (NAI). Before assuming the role as Executive Director, she served for two years as the Senior Advisor to the Academy's Founder and President, Dr. Paul Sanberg, overseeing strategic partnerships, board engagement, and team development. As Executive Director, she is committed to growing the impact of NAI through strategic partnerships and intentional member engagement and making strides in reaching and involving underrepresented populations in the innovation and invention ecosystem.

Jamie has a heart for humanity and a mind for business. Korn Ferry ranked her business acumen in the top 2.5% of executive leaders worldwide. She has more than 25 years of corporate and nonprofit experience, having served in leadership roles within Home Depot, OAI, The Children's Home, United Way, and Habitat for Humanity. An alumna of the University of North Florida, Jamie is certified in Strength-based Professional Coaching from Gallup, Social Responsibility Planning from Yale, and Culture Creation from Harvard.

Before her appointment at the Academy, Jamie founded Good Day Solutions, a consulting firm specializing in strategic planning and culture alignment. Her firm worked with organizations and leaders committed to leveraging best practices that put people first and build a culture of inclusivity, trust, and cohesion. She has extensive experience developing and implementing strategic plans, leadership and team coaching, and project implementation. Having overseen multiple mergers and acquisitions, her passion for building cohesive teams and inspiring positive change helps take teams and operations to new levels.

Jamie is an avid life-long learner and loves to teach what she learns. As part of her commitment to "be the good in the world," she founded Engage364, a nonprofit focused on mobilizing business leaders to engage with at-risk youth to help them discover and make a plan for their purpose.



Tobias Rodill

Managing Member, Command Strategies

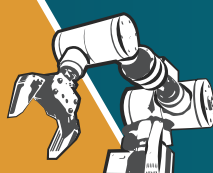
Tobias Rodill is a seasoned leader and entrepreneur with a deep understanding of government affairs and strategic business deployment. Based in Northern Virginia, Tobias Rodill is driven by a passion for innovation, collaboration, and making a meaningful impact in the world. His expertise in strategic planning, business development, and technology readiness positions him as a valuable asset in leadership roles within defense contracting, business development, and government affairs.

As the Founder and Managing Partner of Command Strategies, Tobias specializes in providing invaluable strategic counsel to the Department of Defense and other federal agencies. With a focus on national policy areas such as federal appropriations, defense, economic development, energy, civil works, transportation projects, education initiatives, and homeland security, Tobias navigates complex landscapes with precision and expertise. Over the past ten years, Mr. Rodill has led successful strategies to secure over one billion dollars in national security funding.

Throughout his career, Tobias has played a leading role in establishing large multi-year programs, ranging from critical medical initiatives to cutting-edge technology projects. His ability to bridge the gap between government, academia, and private industry has driven innovation and progress and often involves consortium development. Tobias is dedicated to ensuring that all projects have a positive impact on end-users, aligning objectives with real-world needs.

Prior to founding Command Strategies, Tobias served as a Senior Associate at a government relations firm based in Washington, D.C. In this role, he honed his skills in federal appropriations and policy development, representing a wide range of clients, from business organizations and industry associations to academic institutions and governmental bodies. This experience was instrumental in shaping his understanding of government affairs and strategic business deployment.

Tobias holds a bachelor's degree in international studies and political science from Towson University, with a focus on international economics. This academic background has equipped him with a deep understanding of global affairs and economic principles, which he applies in his work. He has a strong commitment to service and leadership and is actively involved in various professional and community organizations, including board memberships and professional memberships.



Paul Rosenthal, HonNAI

Deputy Chief Communications Officer, U.S. Patent and Trademark Office

Paul Rosenthal is the Deputy Chief Communications Officer of the USPTO. He is responsible for the development and implementation of strategic communications for the USPTO in coordination with the U.S. Department of Commerce and the White House, and he supports and advises the Under Secretary of Commerce for Intellectual Property. He directs a team of media relations, speechwriting, social media, public affairs and audio-visual design professionals focused on promoting the agency's goals and objectives.

He also oversees the USPTO's partnership with the National Inventors Hall of Fame and management of the National Medal of Technology and Innovation, which is issued by the president in a ceremony at the White House. With more than 30 years' experience in the communications field, Mr. Rosenthal joined the USPTO in 2010 and was charged with developing and growing the agency's social media presence and improving agency outreach through online means. He was promoted to his role in 2013.

Prior to joining the USPTO, Mr. Rosenthal worked for the Smithsonian Institution, as a Public Affairs Specialist for the Lemelson Center for the Study of Invention and Innovation at the National Museum of American History and as Web Content Manager at the National Museum of African American History and Culture. He has additional related experience from the United States Postal Service and from non-profit organizations. He is a former broadcast news journalist. Mr. Rosenthal earned a bachelor's degree in public communication from The College of Saint Rose.



Paul Sanberg, FNAI

President, National Academy of Inventors

Dr. Paul R. Sanberg is the former Senior Vice President for Research, Innovation and Knowledge Enterprise at University of South Florida, and currently Distinguished University Professor of Medicine, Engineering, and Business, and Executive Director of the Center of Excellence for Aging and Brain Repair.

His innovations have been instrumental in translating new pharmaceutical and cellular therapeutics to clinical trials and commercialization for Tourette syndrome, stroke, ALS, Alzheimer's, Huntington's and Parkinson's disease. He is an inventor on 167 U.S. and international patents; author of over 700 scientific articles and 14 books, with over 40,000 citations. He has served on editorial boards for numerous scientific journals, is co-editor-in-chief of NAI's journal Technology and Innovation, and has received numerous scientific awards, including the AIMBE Advocate Award; Australian Alumni Award (ANU); Bryden Alumni Award (York U); Fulbright Specialist; McGovern Science & Society Award (Sigma Xi); Ove Ferno Prize; IEEE George F. McClure Award; Florida Academy of Sciences Medalist; Florida Inventors Hall of Fame inductee and Pioneer Award recipient; Fellow of AAAS, ACNP, AIMBE, BMES, IEEE, Sigma Xi, the Royal Societies of the Arts, Biology, Chemistry, Medicine and Public Health; AAAS-Lemelson Invention Ambassador; and Johns Hopkins Society of Scholars inductee.

He served twice on the nomination evaluation committee for the US National Medal of Technology and Innovation; and advisory board for the APLU Commission on Innovation, Competitiveness, and Economic Prosperity. He was the first in his family to graduate college, and has been an airplane enthusiast most of his adult life, becoming a master flight instructor and Fellow of the Royal Aeronautical Society. He is a NAI Charter Fellow.



Rebecca Schroeder

Interim Dean at The University of Texas at San Antonio

Rebecca Schroeder, Ph.D., is an academic professional with expertise in biomedical science, data science, and education. Dr. Schroeder earned her Ph.D. in Biomedical Science with a specialization in Experimental Therapeutics and Pharmacology from the MD Anderson UTHealth Graduate School of Biomedical Science. Her profound understanding of curriculum development, particularly in experiential learning, has led her to serve as the assistant dean of curriculum and programs for University College. In this capacity, she championed the creation of transdisciplinary degree programs aligned with market demands.

Currently, Dr. Schroeder holds pivotal roles at The University of Texas at San Antonio (UTSA), including Interim Associate Dean of University College, Professor of Instruction, and Core Faculty Member in the School of Data Science. She also spearheads the MITRE GenAI Consortium, aiming to integrate artificial intelligence principles across academic disciplines and advance educational research in data science. As a Texas Academic Leadership Academy (TALA) fellow, she remains dedicated to enhancing leadership capabilities in academia. Dr. Schroeder's teaching repertoire spans courses like Introduction to Data Science and Academic Inquiry and Scholarship, reflecting her commitment to academic excellence. Her interdisciplinary approach and leadership in data science education underscores her unwavering dedication to innovation and knowledge advancement in higher education.



Cameron Smith

Assistant Vice President for Research Commercialization Overseeing the Office of Research Commercialization, Texas Tech University

Cameron Smith is the Assistant Vice President for Research Commercialization overseeing the Office of Research Commercialization which serves the five institutions of the Texas Tech University System. He is passionate about guiding System inventors to both patentable and marketable aspects of their research in both the life sciences and engineering. With experience in private practice as well as in-house, he is a valuable resource for faculty and students with questions about the patenting and commercialization process. The focus of Cameron's work revolves around bridging the gap between industry and academia by first identifying and protecting intellectual assets within the System, and then negotiating and executing commercialization agreements to bring the invention to market, ultimately generating revenue back the inventor and the institution.



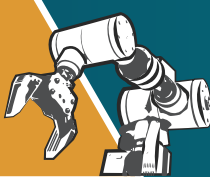
Tobin Smith

Senior Vice President for Government Relations and Public Policy at the Association of American Universities

Tobin (Toby) Smith is Senior Vice President for Government Relations and Public Policy at the Association of American Universities (AAU). In this role Toby oversees AAU's government relations activities and advocacy efforts, matters related higher education and science and innovation policy, and AAU's international activities. Toby previously worked as a federal relations representative for the University of Michigan and MIT. He began his career on Capitol Hill as a legislative assistant to Congressman Bob Traxler (D-MI).

Toby writes and speaks widely on issues of science policy. He is the co-author of a 2008 book on national science policy titled, Beyond Sputnik – U.S. Science Policy in the 21st Century. Toby serves on the Advisory Board for AESIS and is a member of the Council of Experts for the NSF sponsored Center for Advancing Research Impact in Society (ARIS). He is active in AAAS where he is honorific fellow and officer of the Societal Impacts of Science and Engineering section (Section X).

Toby holds a Master's degree in Legislative Affairs from George Washington University, and a Bachelor's degree in General Studies (BGS) from the University of Michigan.

**Paul Sohl, HonNAI**

Chief Executive Officer, Florida High Tech Corridor

Paul Sohl is CEO of the Florida High Tech Corridor, an organization serving a 23-county region anchored by three of the country's largest research institutions: the University of Central Florida (UCF), the University of South Florida (USF) and the University of Florida (UF). The Corridor's mission is to converge and catalyze the capacity of high tech, innovation, and bright minds to generate a global ripple effect that advances the lives of people in the communities it serves.

As CEO, Sohl facilitates connection and collaboration between the three universities and their partners in academia, industry and economic development.

Sohl joined The Corridor in June 2020, following more than three decades of service in the U.S. Navy. In his last command, Sohl led over 500 civilian and military personnel at the Navy's Operational Test & Evaluation Force in Norfolk, Virginia, where he directed the operational testing and evaluation of Navy warfighting systems and capabilities, and reported directly to the vice chief of naval operations.

**Merrill Stewart**

Chief Executive Officer, Marketing & Business Solutions, LLC

Merrill Stewart, CFRE, is the CEO of Marketing & Business Solutions, LLC, based in St. Petersburg, Florida. In her consulting practice, she has worked with and for clients in the for-profit and nonprofit sectors for more than 21 years. She brings a level of strategy, expertise, detail focus, professionalism and best practices to her work. She enjoys speaking and training individuals on ways that can implement their strategies and plans to be most effective. She has worked with clients in the following sectors: Finance, health and human services, healthcare, youth development, government, education, housing, child welfare, animal welfare, performing arts, and nonprofit attractions.



Stephen Susalka, HonNAI

Chief Executive Officer at AUTM

Dr. Stephen J. Susalka is the Chief Executive Officer of AUTM, a 2,500+ member non-profit association, focused on supporting and enhancing technology transfer globally, and oversees a cooperative agreement with the Federal Laboratory Consortium for Technology Transfer to support federal technology transfer for more than 300 federal labs across the US.

As an international leader in technology commercialization, Dr. Susalka uses his experience in intellectual property protection, licensing, and company formation to educate, promote and connect AUTM members as they advance the next generation of ground-breaking innovations into the products and services of tomorrow.

A regular speaker on technology transfer issues, Dr. Susalka has frequently presented on Capitol Hill and internationally on topics ranging from start-up formation to the evolution of the profession. He has worked with senior leaders from around the world on strategies to enhance the commercialization of early-stage inventions and has provided testimony to the Canadian House of Commons Standing Committee on Industry, Science, and Technology on promoting best practices for intellectual property and technology transfer.

Before joining AUTM, Dr. Susalka served as Associate Director for Commercialization at Wake Forest Innovations where he was responsible for commercializing high impact inventions developed across the Wake Forest campuses.

Dr. Susalka earned his Ph.D. in Neuroscience from the University of Virginia and is a registered U.S. Patent Agent. He is a past Board member of multiple Wake Forest-affiliated start-ups and is both a Registered Technology Transfer Professional (RTTP) and a Certified Licensing Professional (CLP).



Sylvia Thomas, FNAI

Vice President for Research & Innovation & Chief Executive Officer of the University of South Florida Research Foundation

Sylvia Wilson Thomas, PhD, is Vice President for Research & Innovation at the University of South Florida and President & CEO of the USF Research Foundation, Inc.. As a member of the USF's presidential and provostial cabinets, Dr. Thomas directs, manages, and provides vision for USF's \$680M+ research and innovation enterprise. Through USF's AAU (Association of American Universities) membership, Dr. Thomas serves as the AAU Senior Research Officer (SRO) for USF. She has contributed to USF's efforts for research and innovation, executive leadership, strategic planning and renewal, faculty success, consolidation, cultural transformation and underserved community engagement, institutional partnerships (national and international), and student recruitment, workforce development, and research/high impact practice experiences. She has also fostered and been engaged in collaborations and engineering education efforts in Italy, Puerto Rico, Singapore, Portugal, South Korea, Mexico, Panama, and South Africa. Dr. Thomas is an Electrical Engineering full Professor, a Fellow of the American Institute for Medical and Biological Engineering (AIMBE), a Fellow of the National Academy of Inventors (NAI) and Senior Member of the Institute of Electrical and Electronics Engineers (IEEE).

She leads the USF Advanced Membrane and Materials Bio and Integration Research (AMBIR) laboratory for biomedical, biological, and nano electronic device integration using advanced material systems for membrane technology. Having over 30 years of global experience with academia, non-profits, and industry, Dr. Thomas has authored numerous peer-reviewed journal articles, proceedings, presentations, and six book chapters, and her creative, current affairs-driven projects have been supported by a wide-range of funders, from USF seed grants to the National Science Foundation for over \$4.8M. As an advocate for innovation and collaborative engagement, she has produced 12 patents/patent disclosures, and assisted in the success of such companies as Bell Labs, Agere Systems, Lucent, Kimberly Clark Corporation, IBM, and Procter & Gamble. "As the USF research and innovation enterprise forges a path forward for growth, at the forefront will be scholarly transformations that support faculty interests, student success, community/partner engagement, institutional excellence, and strategic priorities," says Dr. Thomas.



Bhavani Thuraisingham, FNAI

Louis A. Beecherl Jr. Distinguished Professor, Professor of Computer Science, Executive Director of The Cyber Security Research and Education Institute, The University of Texas at Dallas

Dr. Bhavani Thuraisingham is the Founders Chair Professor of Computer Science and the Founding Executive Director of the Cyber Security Research and Education Institute at The University of Texas at Dallas (2004-2021). She was a visiting Senior Research Fellow at Kings College, University of London 2015-2022, A New America Foundation Policy Fellow 2017-8, and currently serves as an Associate Director of the USDOT National UTC on Transportation Systems Security since 2023. She is an elected Fellow of multiple organizations including the ACM, IEEE, AAAS, NAI (National Academy of Inventors) and the BCS (British Computer Society). Her research interests are on (i) integrating cyber security and data science/ML/AI including as they relate to social media, Internet of Things, and more recently Transportation Systems, (ii) Cyber Security and AI Policy and Governance and (iii) Education research to give students the best learning experience. She is also a Co-Director of the Women in Cyber Security and Women in Data Science Centers at UTD.

Dr. Thuraisingham has received several technical, education and leadership awards including the IEEE CS (Computer Society) 1997 Edward J. McCluskey Technical Achievement Award, the 2023 IEEE CS Taylor L. Booth Education Award, ACM SIGSAC 2010 Outstanding Contributions Award, the IEEE ComSoc Communications and Information Security 2019 Technical Recognition Award, the IEEE CS TC (Technical Committee) on Services Computing 2017 Research Innovation Award, the IEEE CS TC on Multimedia Computing 2023 Technical Impact Award, the ACM CODASPY 2017 Lasting Research Award, 2013 IBM Faculty Award, the IEEE ISI 2010 Research Leadership Award, the IEEE ICDM 2018 Service Award, the ACM SACMAT 10 Year Test of Time Awards for 2018 and 2019 (for papers published in 2008 and 2009), IEEE Big Data Security 2024 Pioneer Award, the IEEE CS TC on Cloud Computing Women in Cloud Computing Award, the Career Communications Inc., Woman of Color Research Leadership Award, and the Dallas Business Journal 2017 Women in Technology Award.

Her 44 year career includes industry (Honeywell), Federal Research Laboratory (MITRE), US government (NSF) and Academia. She has delivered over 200 keynote/featured addresses, over 100 panel presentations including at the United Nations, White House Office of Science and Technology Policy, Fortune Media, Dell Technologies World, Lloyds of London Insurance, and Professors Without Borders, written 16 books, published over 130 journal articles (including in several IEEE and ACM Transactions), over 300 conference papers (including in top tier venues such as ACM CCS, ACM KDD, IEEE ICDM, IEEE ICDE, and AAAI), has 7 US patents, transferred the technologies she developed to commercial products and operational systems, and participated in several podcasts. She has also written opinion columns on security for venues such as the New York Times, WomensDay.com, Inc. Magazine, the Legal 500 and the Connected World. Out of the 23 PhD students she has graduated at UTD, 11 are female and others include those from the African American, Latino American, and the LGBTQ communities. She also works with neurodiverse students in cyber security. Over the years she has educated a global community and is affiliated with the University of Dschang in Cameroon, Africa since 2021 and educates the general public in practicing cyber hygiene including talks at public libraries in DFW. She teaches a variety of courses including Trustworthy AI/ML, Big Data Security and Privacy, Blockchain Technologies, Secure Cloud and IoT, and Analyzing and Securing Social Media.

Dr. Thuraisingham received her PhD from the University of Wales, Swansea, UK, and the prestigious earned higher doctorate (D. Eng) from the University of Bristol, UK. She has a Certificate in Public Policy Analysis from the London School of Economics and Political Science. She has been featured in the book by the ACM titled: "Rendering History: The Women of ACM-W" as one of the 30+ "Women that Changed the Face of Worldwide Computing Forever." She gives motivational addresses to women around the world discussing many topics including the importance of having a high paying job and playing the long game for career success.



Thom Tillis

Senator, North Carolina

Thom Tillis, US Senator through hard work and dedication, Thom quickly moved up the corporate ladder, earning his degree at 36 and becoming a top-level executive at PricewaterhouseCoopers and IBM. Thom's 29-year private sector career in technology and management consulting provided him with a deep understanding of policy-making and the management of complex organizations.



Vaishali Udupa

Commissioner for Patents, U.S. Patent and Trademark Office

Vaishali Udupa is the Commissioner for Patents of the United States Patent and Trademark Office (USPTO). As Commissioner for Patents, Ms. Udupa manages and leads the Patents organization as its chief operating officer. She oversees the agency's 10,000 Patents employees, including more than 9,000 patent examiners responsible for fostering the country's innovation system by providing patent protections to inventors as stated in Article I, Section 8 of the U.S. Constitution

Prior to joining the USPTO, Ms. Udupa was already a nationally recognized leader in intellectual property (IP), with over twenty years of experience in strategic IP advisement and complex litigation. She has a wealth of experience in patent prosecution and litigation, global IP policy, and diversity, equity, inclusion, and accessibility. In the private sector, Ms. Udupa secured multiple IP trial wins and managed numerous IP cases to favorable resolutions in the United States and abroad. She assisted in the development of patent and trademark portfolios and counseled internal clients regarding licensing deals, asset acquisitions, and agreements involving IP rights. Her technological experience includes, among others, electronic devices, networking and telecommunication systems, computer software, electronic commerce, consumer products, sporting goods, and medical devices. Throughout her career, Ms. Udupa has achieved a proven track record of addressing diversity issues in the science, technology, and legal professions. She has sought to promote diversity and inclusion through pro-bono work and bar association involvement, including by serving as Honor Roll Committee Co-Chair of ChIPs, a non-profit organization that advances and connects women in technology, law, and policy; volunteering with the Girl Scouts Nation's Capital to provide young girls with their inventor patch; and teaching basic IP topics to Washington, D.C., high schoolers through the Street Law Program. Her efforts have received accolades, including the National Bar Association's 2020 Diversity in Tech and IP Law award. She also maintains a keen interest in increasing entrepreneurship and the number of patents applied for and obtained by all inventors, including women, minorities, veterans, and those from rural and economically disadvantaged areas.

Prior to joining the USPTO, Ms. Udupa was the Vice President, Associate General Counsel for Litigation at Hewlett Packard Enterprise (HPE). Prior to HPE, she was an IP litigation manager at HP and an associate at Jones Day and Pennie & Edmonds. Ms. Udupa earned her Juris Doctor from American University's Washington College of Law and her Bachelor of Science in Civil Engineering from the University of Virginia.



Kathi Vidal, HonNAI

Under Secretary of Commerce for Intellectual Property and Director of the U. S. Patent and Trademark Office

Kathi Vidal serves as the Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office (USPTO) – America’s Innovation Agency. As the chief executive of the USPTO, she leads one of the largest intellectual property (IP) offices in the world, with more than 13,000 employees and an annual budget of nearly \$4 billion. She is the principal IP advisor to the President and the Administration, through the Secretary of Commerce, and is focused on incentivizing and protecting U.S. innovation, entrepreneurship, and creativity, and helping American workers and businesses compete and collaborate, especially in key technology areas and across demographics. As Director of the USPTO, Vidal is working to expand American innovation for and from all, including serving as the Vice Chair of the Council for Inclusive Innovation (CI2), alongside Secretary of Commerce Gina M. Raimondo and the Council members; serving as a Co-Chair of the National Advisory Council on Innovation and Entrepreneurship (NACIE); and the Co-Founder, with the Secretary, of the Women’s Entrepreneurship (WE) initiative.

Prior to leading the USPTO, Director Vidal held top leadership positions at Winston & Strawn LLP and Fish & Richardson P.C. She has served a wide range of clients, from individual inventors and entrepreneurs, to some of our country’s most well-known and successful companies. Director Vidal holds bachelor’s and master’s degrees in electrical engineering, has five years of industry experience in manufacturing and design, and has deep technical expertise in a myriad of technologies, from consumer products to artificial intelligence. In her various roles, Director Vidal has received numerous accolades, created innovative initiatives and programs, and been recognized as a trailblazer and thought leader.



Brad Watts

Vice President, Patents and Innovation Policy, Global Innovation Policy Center, U.S. Chamber of Commerce

Brad Watts is the Vice President for Patents and Innovation Policy at the U.S. Chamber of Commerce’s Global Innovation Policy Center (GIPC). As Vice President, Brad works with U.S. Chamber members to foster a political, legal, and economic environment where innovators and creators can invest in the next big thing for the benefit of Americans and the world.

He previously served for four and a half years as the Republican Chief Counsel on the Senate Judiciary Committee Subcommittee on Intellectual Property. As Republican Chief Counsel, he was responsible for planning and implementing Senator Thom Tillis and the Republican party’s legislative portfolio on all aspects of intellectual property law. In the 116th Congress, when Senator Tillis was the then Chairman of the Subcommittee, Brad served as Majority Chief Counsel and Staff Director for the Senate Judiciary Committee Subcommittee on Intellectual Property. As Majority Chief Counsel, Mr. Watts was responsible for planning and implementing then Chairman Tillis’ legislative and oversight agenda on all aspects of America’s innovation economy. During his tenure as Majority Chief Counsel, the Subcommittee held over seventeen legislative and oversight hearings and multiple staff briefings on intellectual property issues ranging from the state of patent eligibility law in America to reforming the Digital Millennium Copyright Act of 1998. Under Mr. Watts’ leadership, the Subcommittee passed the CASE Act, the Trademark Modernization Act, and the Protecting Lawful Streaming Act, three landmark bills that collectively represent the largest changes to intellectual property law since the Leahy-Smith America Invents Act.

Prior to his appointment as the Subcommittee’s Republican Chief Counsel, he had served as Chief Counsel in Senator Thom Tillis’ (R-N.C.) personal office. Earlier in Mr. Watts’ career he spent two years serving as Chief Immigration Counsel to then Senate Judiciary Committee Chairman Chuck Grassley (R-IA). He began his career with then Senator Jeff Sessions as a Legislative Counsel on the Subcommittee on Immigration and the National Interest, handling civil rights and civil liberties law, general tort law, bankruptcy, telecommunications, and intellectual property issues for the Senator.



Phil Weilerstein, HonNAI

Chief Executive Officer, VentureWell

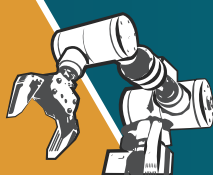
Phil has led VentureWell since its founding in 1996 and today serves as President and CEO. By developing and expanding VentureWell's programs on a national and global scale, he has guided VentureWell in its mission to solve global challenges through science- and technology- driven innovation and entrepreneurship. He accomplished this goal by designing and overseeing a suite of programs that encourage and support the deeper engagement of higher education and research institutions in curricular innovation, developing and strengthening innovation communities and supporting emerging science and technology innovators. Phil is committed to sharing VentureWell's learnings and resources to support the creation of inclusive and more equitable pathways for innovators to succeed in venture creation. Under his leadership, VentureWell has partnered with key science funding agencies, major philanthropies, and hundreds of universities to train and support thousands of emerging students, researchers and faculty innovators. After celebrating VentureWell's milestone 25-year anniversary in 2021, he has accelerated work to fortify the broader innovation ecosystem and the launch of groundbreaking innovations. Phil attended the University of Massachusetts where he was a co-founder of a biotechnology company developing naturally occurring pest control products. He is a Founder and Past Chair of the ASEE Entrepreneurship Division, and a recipient of the 2008 Price Foundation Innovative Entrepreneurship Educators Award, the 2014 Engineering Entrepreneurship Pioneers Award from ASEE, and the 2016 Deshpande Symposium Award for Outstanding Contributions to Advancing Innovation and Entrepreneurship in Higher Education.



Emily Wilson

Communications Director for Innosphere Ventures

Emily is the Communications Director for Innosphere, Colorado's leading technology incubator supporting high-tech companies that have the potential to exponentially grow in the industries of health innovation, bioscience, energy, advanced materials, and software/hardware. At Innosphere, Emily is responsible for investor relations, entrepreneur education classes in Fort Collins and Denver, the monthly "Innovation After Hours" series, and serves as the project manager for the NoCoBio Cluster, which is Innosphere's bioscience program. Along with managing Innosphere's public relations, she also works with Client Companies on their overall marketing strategies. As a former employee of the City of Fort Collins Economic Health office, she is passionate about economic development, and is a current Larimer Small Business Development Center (SBDC) consultant. She is an alumni of Leadership Fort Collins and is currently taking the 2016 Leadership Northern Colorado class. She grew up on a ranch in Julesburg, Colorado and moved to Fort Collins to get her B.A. and M.A. in Communication Studies.



Helena Wisniewski, FNAI

Marion Porter Chair, Professor of Entrepreneurship, University of Alaska Anchorage

Dr. Helena Wisniewski has leadership experience in academia, industry, government, and on public and private boards. She is Chair of the Management, Marketing, Logistics, and Business Analytics Department and a Professor of Entrepreneurship in the College of Business and Public Policy (CBPP) at the University of Alaska Anchorage, where she created the first AI course in CBPP, the AI webinar series, and established the Alaska Data Science & AI Lab to use AI to solve challenges while facilitating experiential learning for students. She is the Founding Director of the Arctic Domain Awareness Center, which she created to develop and transition technologies to improve crisis response capabilities in the Arctic. She previously was Vice Provost for University Research and Dean of the Graduate School at UAA and established an ecosystem of entrepreneurship and innovation. Before UAA, she was Vice President for Research and Enterprise Development at Stevens Institute of Technology.



Randy Woodson, HonNAI

Chancellor, North Carolina State University

Dr. Randy Woodson became North Carolina State University's 14th chancellor in April 2010. Woodson leads the largest university in North Carolina, with nearly 38,000 students and a \$2 billion budget. Under his leadership, the university created, implemented and completed "The Pathway to the Future," a strategic plan that elevated NC State's recognition among the nation's top public research universities. In 2021, NC State created the "Wolfpack 2030: Powering the Extraordinary" strategic plan to build on this momentum and carry the university even further. NC State has become a lead university for two National Science Foundation Engineering Research Centers and one Manufacturing USA institute (and a partner in six others). The university has also expanded to more than 65 industry and government partnerships on its nationally recognized Centennial Campus. NC State has also garnered national and international recognition for its faculty and student scholarship.

NC State launched and completed the Think and Do the Extraordinary Campaign, which raised \$2.1 billion for scholarships, research, programs and facilities, propelling the university to even greater heights.

A nationally recognized scholar and academic leader, Chancellor Woodson came to NC State having most recently served as provost and executive vice chancellor for academic affairs at Purdue University. An internationally renowned plant molecular biologist specializing in reproductive processes in agricultural crops, he earned his undergraduate degree in horticulture from the University of Arkansas and his M.S. and Ph.D. degrees in plant physiology from Cornell University.

Under Woodson's leadership, NC State has become a preeminent research enterprise known for solving real-world challenges — a true Think and Do university. His strategic vision has enabled the university to advance in areas of student success, innovative research and collaborative partnerships. This has resulted in students ready to solve real-world challenges, public-private partnerships that transform ideas into solutions, and a creative, engaging center of learning and exploration for all.

True to its land-grant heritage, NC State creates economic, societal and intellectual prosperity for the people of North Carolina and the country — with increasing momentum under Woodson's direction.



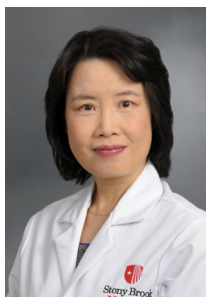
Lan Yang, FNAI

Edwin H. & Florence G. Skinner Professor at Washington University in St. Louis

Professor Yang joined the faculty at Washington University in St. Louis in 2007. She runs the Laboratory of Micro/Nano Photonics Research Group in the McKelvey School of Engineering.

In 2010, she earned a National Science Foundation CAREER Award and in 2011, she was honored by President Barack Obama with a Presidential Early Career Awards for Scientists and Engineers (PECASE). The early career award is the highest honor bestowed by the United States government on science and engineering professionals in the early stages of their independent research careers.

Yang is a fellow of the Institute of Electrical and Electronics Engineers (IEEE), the American Physical Society (APS) and the American Association for the Advancement of Science (AAAS).



Wei Zhao, FNAI

Professor and Vice Chair of Research, Department of Radiology and Biomedical Engineering at the Renaissance School of Medicine at Stony Brook University

Dr. Wei Zhao received her BEng in Biomedical Engineering from Tsinghua University, and MSc and PhD degrees in Medical Physics from the University of Toronto. She is a Professor of Radiology and Biomedical Engineering at the State University of New York at Stony Brook. She joined the Department of Radiology at Stony Brook University as an Assistant Professor in 1999 and was promoted to Associate Professor and Professor in 2005 and 2012, respectively. She is the Vice Chair of Research in Radiology and the Program Leader for the Imaging, Biomarker discovery and Engineering Sciences (IBES) research program of Stony Brook Cancer Center (SBCC). She has been working on the development and advanced clinical applications of large area x-ray flat-panel imagers for more than 25 years. She has authored more than 150 research articles, 5 book chapters. She has 21 issued US patents and 70 patent applications. Her research work has been funded by the NIH, DOD CDMRP, Whitaker Foundation and industry.





Arizona State University (ASU) is a top-ranked public metropolitan research university, with five academic campuses and four innovation campuses across greater Phoenix and four regional learning centers throughout Arizona. ASU is a comprehensive public research university, measured not by whom we exclude, but rather by whom we include and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves. For three years in a row, U.S. News & World Report has ranked ASU as the #1 Most Innovative School in America.

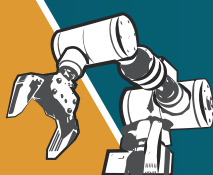


Auburn University, chartered in 1856, is a public land-grant, sea-grant, and space-grant institution with an enrollment of 29,000 students and a three-part mission of teaching, research, and outreach. Recognized in the Carnegie Classification as a "Higher Research Activity" doctoral university, AU has a \$5.4 billion annual impact on the state economy and features a growing research park established in 2008. Strategic areas of research emphasis include health sciences, advanced manufacturing, and cybersecurity.



NAI is honored to welcome The Chinese University of Hong Kong (CUHK) as its first Sustaining International Member Affiliate. The university, which overlooks Tolo Harbour, is the largest educational institution in Hong Kong, averaging twenty-thousand students each year. The university is honored to be ranked #53 in the world.

With a strong focus on innovation, CUHK's top areas of research are Interdisciplinary and Translational Biomedical, Artificial Intelligence, and Robotics & Automation. "As a member of the NAI community, we look forward to increasing recognition of the economic impact generated from academic discovery at CUHK," says Daniel HS Lee AVPO and Chief Innovation and Enterprise Officer at the university. "It also offers our researchers a direct communication channel with others in their specialized areas of concentration. This access to the NAI network is invaluable for collaborating."



Established in 1809, Miami University is consistently ranked among the top 50 national public universities by U.S. News & World Report for providing students with an Ivy League-quality education at a public school price. Located in quintessential college town Oxford, Ohio—with regional campuses in Hamilton and Middletown, a learning center in West Chester, and a European study center in Luxembourg—Miami serves more than 21,600 undergraduates across 120 areas of study, and more than 2,500 graduate students through 70 master's and doctoral degree programs. At this comprehensive research university, students engage and conduct research with premiere teacher-scholars. Miami adds \$2.3 billion each year to Ohio's economy through innovative partnerships and job creation. Miami is a NCAA Division I school, serving more than 500 student athletes across 19 varsity sports.



NEW YORK UNIVERSITY

Founded in 1831, NYU is one of the world's foremost research universities and is a member of the selective Association of American Universities. NYU has degree-granting university campuses in New York, Abu Dhabi, and Shanghai; has eleven other global academic sites, including London, Paris, Florence, Tel Aviv, Buenos Aires, and Accra; and both sends more students to study abroad and educates more international students than any other U.S. college or university. Though its numerous schools and colleges, NYU is a leader in conducting research and providing education in the arts and sciences, engineering, law, medicine, business, dentistry, education, nursing, the cinematic and performing arts, music and studio arts, public administration, social work, and professional studies, among other areas.

NC STATE
UNIVERSITY

NC State University is a research powerhouse and a powerful economic engine for North Carolina. The Office of Research Commercialization (ORC) plays a crucial role in this by protecting and promoting University research discoveries and intellectual property, working with and guiding industry partners, and promoting the acceleration of startups. We're driving economic growth by facilitating the commercialization of research discoveries.



جامعة الأمير محمد بن فهد
PRINCE MOHAMMAD BIN FAHD UNIVERSITY



TEXAS TECH UNIVERSITY



**Feinstein Institutes
for Medical Research**
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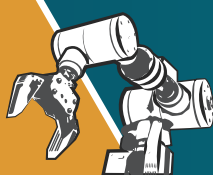
Founded in 2006, PMU is a fast growing private institution of higher learning in the Kingdom of Saudi Arabia. This university, with its highly innovative student-centered approach to impart education, offers a chance to students to explore genuine paths to learn and innovate when being groomed for their future roles as hardcore professionals. PMU intends on building its potential and entrepreneurial spirit through its colleges, to be a leader in conducting research and providing education in the engineering, computer science, business, law and other areas.

Texas Tech University is located in Lubbock, Texas. Created by legislative action in 1923 as Texas Technological College, the name was changed to Texas Tech University in 1969. Campus physical facilities include a total of 7,449,218 square feet in 188 buildings. The university is composed of more than 26,400 undergraduate, 5,200 graduate and 700 law students. Annually, total research expenditures exceed \$125 million. The Carnegie Foundation classifies Texas Tech University as a RU/H: Research Universities (high research activity).

The mission of the Feinstein Institutes for Medical Research is to produce knowledge to cure disease. Other guiding goals that are pursued daily are a) publish and share expertise with the global scientific and medical communities, b) collaborate across labs, disciplines, and with other institutions, and c) deliver new discoveries to the bedside through clinical trials.

The Feinstein Institutes is the home of the research institutes of Northwell Health, the largest health care provider in New York. Encompassing 50 research labs, 3,000 clinical research studies and 5,000 researchers and staff, the Feinstein Institutes raises the standard of medical innovation through its five institutes of behavioral science, bioelectronic medicine, cancer, health system science and molecular medicine.

We make breakthroughs in genetics, oncology, brain research, mental health and autoimmunity, and are the global scientific leader in bioelectronic medicine—a new field of science that has the potential to revolutionize medicine.



SUSTAINING MEMBER INSTITUTIONS



The Office of Technology Transitions (OTT) mission is to increase the commercialization impacts of DOE's research investments and to focus on commercialization of technologies.

The Department of Energy (DOE) is one of the largest supporters of technology transfer in the federal government. The Office of Technology Transitions (OTT) was established in 2015 to oversee and advance this important mission by expanding the public impact of the Department's research and development (R&D) portfolio. OTT plays a crucial role in advancing the economic, energy, and national security interests of the nation.

OTT is dedicated to developing the Department's policy and vision for expanding the commercial impact of its research investments. We streamline information and access to DOE's national labs and sites to foster partnerships that move innovations from the labs into the marketplace. Our office supports the dynamic process of "technology transitions," involving numerous and varying handoffs between scientists, innovators, and entrepreneurs, starting from an idea that ultimately becomes a technology commercialized by the private sector.

OTT's responsibility extends throughout the Department's programs, 17 National Laboratories, and other research and production facilities located across the country. We work closely with stakeholders and personnel at all these locations to ensure the development of the best policies and to maintain awareness of the latest issues.

Together with our internal and external partners, OTT works to enhance the nation's economic competitiveness and strengthen its leadership in innovation and transformative, impactful technologies.



The University of California, Riverside (UCR) is a powerful engine of economic growth for Inland Southern California and beyond, having contributed more than \$2.7 billion to the U.S. economy during the fiscal year 2015-16 alone. UCR students and visitors contribute more than \$287 million to the Inland region. The campus proudly partners with entrepreneurs, corporate leaders, and fellow research enterprises from around the world.



We honor our heritage as the state's flagship and land-grant university by providing accessible and affordable higher education of the highest quality; rigorous scholarship; the communication and application of knowledge; economic and community development; and responsible stewardship of our cultural, historical and natural resources.

In the exercise of our primary mission to promote learning, we seek to provide academic and co-curricular opportunities that will:

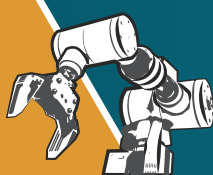
- Graduate students who have experienced the frontiers of scholarship and creative activity and who are prepared for the complexities of an interdependent world.
- Cultivate a community of learning energized by collaborative work among students, faculty, staff and external partners.
- Nurture an environment that values and manifests diversity, internationalization, free expression, academic freedom, personal integrity and mutual respect.

Promote opportunities for personal health and growth, physical health, athletic competition and leadership development for all members of the university community.



UNIVERSITY OF
CENTRAL FLORIDA

The University of Central Florida (UCF) and its 13 colleges provide opportunities to 66,000 students from all 50 states and 140 countries. Located in Orlando, Florida, UCF is the nation's second-largest university with 210 degree programs to choose from. UCF is ranked as one of the "Most Innovative" universities by U.S. News & World Report, a best-value university by The Princeton Review and Kiplinger's, and one of the nation's most affordable colleges by Forbes.



The University of Florida's mission is to prepare our students to lead and influence the next generation and beyond for economic, cultural and societal benefit. Recognized as among the top 10 public universities by U.S. News & World Report, UF is one of the nation's largest public universities, and is the only member of the Association of American Universities in Florida. UF scientists and scholars conduct about \$800 million in research annually and UF consistently ranks among the top universities at transferring its discoveries to the marketplace. Teaching, research and scholarship, and service span all of UF's academic disciplines and represent its commitment to be a premier university that the state, nation and world look to for leadership.



The University of Nebraska–Lincoln is a top-tier national research university and a member of the Big Ten Academic Alliance. Like the university's founders in 1869, students and faculty at Nebraska look challenges and opportunities in the eye, using fresh thinking and creativity to forge new paths. The expansive geography of the state fosters a closeness and collaboration that makes way for solutions applied nearby and around the world, including innovative public-private partnerships and through Nebraska Innovation Campus, the university's rapidly growing research campus. Nebraska is the state's flagship and land grant university and continues to grow in size and prominence. Nebraska has nearly 26,000 students and more than 180 undergraduate and 120 graduate degree programs, and is ranked as a best-value university by Fiske Guide to Colleges, Kiplinger's and others.

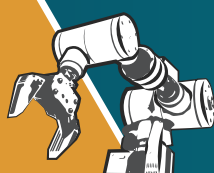


The first and foremost comprehensive national university in the United Arab Emirates. Founded in 1976 by the late Sheikh Zayed Bin Sultan Al Nahyan, UAEU aspires to become a comprehensive, research-intensive university and currently enrolls approximately 14,968 Emirati and international students. As the UAE's flagship university, UAEU offers a full range of accredited, high-quality graduate and undergraduate programs through nine Colleges: Business and Economics; Education; Engineering; Agriculture & Veterinary Medicine; Humanities and Social Sciences; IT; Law; Medicine and Health Sciences; and Science. With a distinguished international faculty, state-of-the art new campus, and full range of student support services, UAEU offers a living-learning environment that is unmatched in the UAE.

In its drive to achieve international research stature, UAEU works with its partners in industry to provide research solutions to challenges faced by the nation, the region, and the world. The University has established research centers of strategic importance to the country and the region which are advancing knowledge in critical areas ranging from water resources to cancer treatments. UAEU is currently ranked #5 in the Arab World and #296 world-wide. UAEU's academic programs have been developed in partnership with employers, so our graduates are in high demand. UAEU alumni hold key positions in industry, commerce, and government throughout the region. Our continuing investments in facilities, services, and staff ensure that UAEU will continue to serve as a model of innovation and excellence.



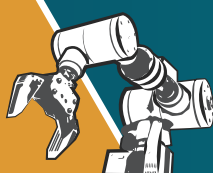
The University of South Florida, a high-impact research university dedicated to student success and committed to community engagement, generates an annual economic impact of more than \$6 billion. With campuses in Tampa, St. Petersburg and Sarasota-Manatee, USF serves approximately 50,000 students who represent nearly 150 different countries. U.S. News & World Report has ranked USF as one of the nation's top 50 public universities for five consecutive years, and this year USF earned its highest ranking ever among all universities public or private. In 2023, USF became the first public university in Florida in nearly 40 years to be invited to join the Association of American Universities, a prestigious group of the leading universities in the United States and Canada. Through hundreds of millions of dollars in research activity each year and as one of the top universities in the world for securing new patents, USF is a leader in solving global problems and improving lives. USF is a member of the American Athletic Conference. Learn more at www.usf.edu.



Acacia Research Group	Florida Institute of Technology	Naval Information Warfare Center - NIWC Pacific
Academia Sinica	Florida International University	New College of Florida
Albany College of Pharmacy and Health Sciences	Florida Polytechnic University	New Jersey Institute of Technology
Arizona State University	Florida State University	New York Institute of Technology
Auburn University	Georgetown University	New York University
Australian National University	Georgia Institute of Technology	North Carolina State University
Baylor College of Medicine	Georgia State University	North Dakota State University
Beckman Research Institute of the City of Hope	H. Lee Moffitt Cancer Center & Research Institute	Northeastern University
Binghamton University, State University of New York	Hamad Bin Khalifa University	Northern Arizona University
Boise State University	Harvard University	Northern Illinois University
Boston University	Hualien Tzu Chi Hospital	Northwestern University
Brandeis University	Illinois Institute of Technology	Nova Southeastern University
BRIDG	Indiana University	Oak Ridge Associated Universities
Brown University	Institut Pasteur	Ohio University
California Institute of Technology	Iowa State University	Oklahoma State University
California State University, Long Beach	Jackson State University	Olin College of Engineering
Carnegie Mellon University	James Madison University	Oregon Health & Science University
Case Western Reserve University	Johns Hopkins University	-Other-
Chapman University	Kansas State University	Parkview Mirro Center for Research and Innovation
China Medical University	King Abdulaziz University	Pharmaceutical Research Institute
City University of Hong Kong	King Abdullah University of Science and Technology	Portland State University
Clark Atlanta University	Lawrence Technological University	Prince Mohammad Bin Fahd University
Clarkson University	Lehigh University	Princeton University
Clemson University	Lieber Institute for Brain Development	Purdue University
Cleveland Clinic	Louisiana State University	RadTech International
Cold Spring Harbor Laboratory	Louisiana Tech University	Rensselaer Polytechnic Institute
Colorado State University	Marquette University	Rice University
Columbia University	Massachusetts General Hospital	Rochester Institute of Technology
Cornell University	Massachusetts Institute of Technology	Rowan University
Coventry University	Mayo Clinic	Royal Melbourne Institute of Technology
Dartmouth	Medical University of South Carolina	Rutgers, The State University of New Jersey
Drexel University	Miami University	Saint Louis University
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Duke University	Mississippi State University	Southern Illinois University
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Fayetteville State University	Morehouse School of Medicine	Stevens Institute of Technology
Florida A&M University	Mount Sinai Health System	Stony Brook University
Florida Atlantic University	MTF Biologics	Tel Aviv University
Florida Gulf Coast University	Nanyang Technological University, Singapore	Temple University
Florida High Tech Corridor	National Institutes of Health	Terasaki Institute for Biomedical Innovation
Florida Institute for Human & Machine Cognition	National Taiwan University	Texas A&M University

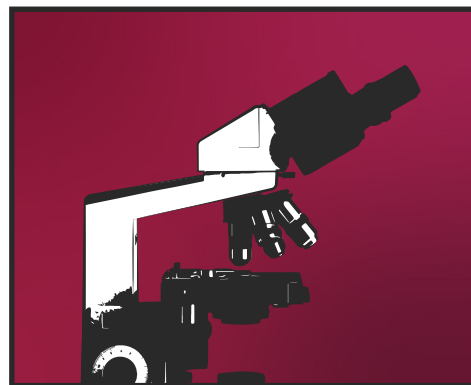


Texas Heart Institute	University College Cork	University of Nebraska-Lincoln
Texas State University	University of Alaska Anchorage	University of Nevada, Las Vegas
Texas Tech University	University of Alaska Fairbanks	University of Nevada, Reno
Texas Tech University Health Sciences Center	University of Arkansas	University of New Hampshire
The Chinese University of Hong Kong	University of California, Berkeley	University of North Carolina at Wilmington
The Feinstein Institutes for Medical Research	University of California, Davis	University of North Florida
The George Washington University	University of California, Irvine	University of North Texas
The Ohio State University	University of California, Los Angeles	University of Notre Dame
The Pennsylvania State University	University of California, Riverside	University of Oregon
The Rockefeller University	University of California, San Diego	University of Pennsylvania
The University of Adelaide	University of California, San Francisco	University of Pittsburgh
The University of Akron	University of California, Santa Barbara	University of Queensland
The University of Alabama	University of California, Santa Cruz	University of Rochester
The University of Alabama at Birmingham	University of Central Florida	University of South Alabama
The University of Alabama in Huntsville	University of Chicago	University of South Carolina
The University of Arizona	University of Cincinnati	University of Southern California
The University of British Columbia	University of Colorado Boulder	University of South Florida
The University of Hawai'i	University of Colorado Denver	University of Texas Health Science Center at Houston
The University of Hong Kong	University of Connecticut	University of Vermont
The University of Memphis	University of Dayton	University of Virginia
The University of Mississippi	University of Delaware	University of Washington
The University of New Mexico	University of Evansville	University of West Florida
The University of North Carolina at Chapel Hill	University of Florida	University of Wisconsin-Madison
The University of North Carolina at Charlotte	University of Georgia	University of Wisconsin-Milwaukee
The University of Oklahoma	University of Houston	University of Wyoming
The University of Southern Mississippi	University of Idaho	US DOE Office of Technology Transitions
The University of Tennessee, Chattanooga	University of Illinois at Chicago	Utah State University
The University of Tennessee, Knoxville	University of Illinois Urbana-Champaign	UT Southwestern Medical Center
The University of Tennessee, Martin	University of Iowa	Vanderbilt University
The University of Tennessee Health Science Center	University of Kansas	Virginia Commonwealth University
The University of Texas at Arlington	University of Kentucky	Virginia Tech
The University of Texas at Austin	University of Limerick	Wake Forest University Health Sciences
The University of Texas at Dallas	University of Louisiana at Lafayette	Washington State University
The University of Texas at El Paso	University of Louisville	Washington State University Tri-Cities
The University of Texas at San Antonio	University of Maryland, Baltimore	Washington University in St. Louis
The University of Texas Health Science Center at San Antonio	University of Maryland, College Park	West Virginia University
The University of Utah	University of Massachusetts Amherst	Wichita State University
Thomas Jefferson University	University of Massachusetts Boston	Worcester Polytechnic Institute
Tufts University	University of Massachusetts Lowell	Yale University
Tulane University	University of Massachusetts Medical School	
United Arab Emirates University	University of Miami	
University at Buffalo, The State University of New York	University of Michigan	
	University of Minnesota	
	University of Missouri-Columbia	
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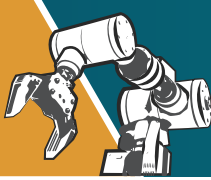




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The state, the country, and the world will turn to Carolina to solve the most critical challenges of today and tomorrow.



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SOUTH FLORIDA**

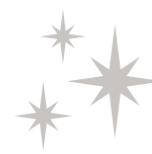
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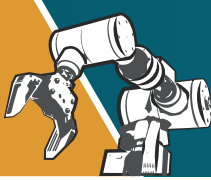
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Fulgent Genetics is a clinical genetic testing lab with an exceedingly extensive and flexible test menu. By merging the fields of genetics, molecular biology, and computer science, Fulgent pursues excellence in genetic sequencing, scalability, and data analysis. Our lab is CLIA certified and CAP accredited, and our goals are to improve the understanding of the human genome as it relates to human health, increase the accessibility of personalized genomic care, and change the way medicine is managed for patients and clinicians alike. Infused into Fulgent's culture is the core belief that we can, and should, make a difference in the genetic testing industry to strive to better patient care and provide indispensable support to our customers.

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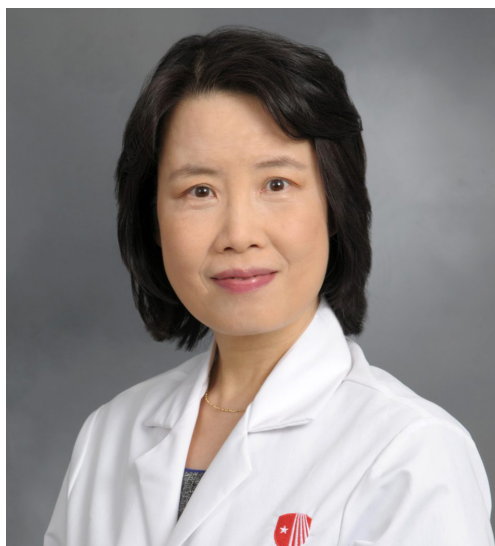
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CONGRATULATIONS

2023 Fellow of the National Academy of Inventors



Wei Zhao, PhD

Professor of Radiology and Biomedical Engineering
Renaissance School of Medicine at Stony Brook University

GROWING OUR LEGACY OF INNOVATORS

NAI Fellows

Esther Takeuchi, PhD (2012)
Benjamin Chu, PhD (2013)
Benjamin S. Hsiao, PhD (2013)
Iwao Ojima, PhD (2014)
Jahangir Rastegar, PhD (2015)
Lorne Golub, DMD, MSc (2016)
Arie Kaufman, PhD (2017)
Clinton Rubin, PhD (2017)
Kenneth Kaushansky, MD (2018)
F. William Studier, PhD (2018)

Israel Kleinberg, DDS, PhD, (2019)
Stanislaus Wong, PhD (2019)
Serge Luryi, PhD (2021)
Craig Lehmann, PhD (2021)
Yuanyuan Yang, PhD (2022)

NAI Senior Member

Harbans S. Dhadwal, PhD
Fu-Pen Chiang, PhD
Anurag Purwar, PhD



Stony Brook University

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ARIZONA**

CONGRATULATIONS TO THOSE WHO #MAKEITHAPPEN

THE UNIVERSITY OF ARIZONA honors the 2023-2024
inductees into the National Academy of Inventors.

Thanks to all of you for your vision, inspiration, and impact.

FELLOWS



Wolfgang
Fink



Douglas
Loy

SENIOR MEMBERS



Jeanne
Pemberton



Sadhana
Ravishankar



Roberta
Brinton



Saikat
Guha



Joyce
Schroeder



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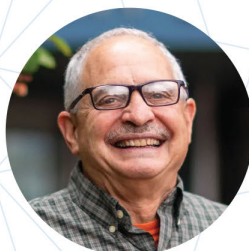




CONGRATULATIONS!

Tufts University congratulates its newly elected Fellows and Senior Members of the National Academy of Inventors

2023 Class of NAI Fellows



David Kaplan

2024 Class of NAI Senior Members



Joshua Kritzer



Cheryl London



Charles Mace



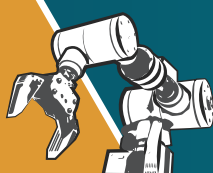
Mohan Thanikachalam



Qiaobing Xu



Pamela Yelick



THE UNIVERSITY OF GEORGIA

congratulates its faculty on their recent elections
to the National Academy of Inventors.

2024 FELLOWS



S. Jack Hu
Senior Vice President for
Academic Affairs & Provost



Holly Sellers
College of Veterinary
Medicine

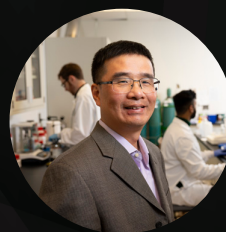
2024 SENIOR MEMBERS



Elizabeth Brisbois
College of Engineering



David Crich
College of Pharmacy



Qingguo "Jack" Huang
College of Agricultural and
Environmental Sciences



Paul Raymer
College of Agricultural and
Environmental Sciences



Ralph Tripp
College of Veterinary
Medicine



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Office of Research
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THE MAVERICK FACTOR INNOVATES

The University of Texas at Arlington is proud to salute its newest inductees into the National Academy of Inventors.

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Senior Members



Sherri McFarland,
Professor of Chemistry
and Biochemistry



Venu Varanasi,
Associate Professor of
Graduate Nursing

Fellows



Jon Weidanz,
Associate Vice President for
Research and Innovation



Robert Woods,
Professor of Mechanical
and Aerospace Engineering





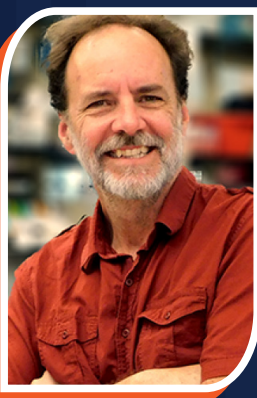
CONGRATULATIONS!

The University of Texas at San Antonio would like to congratulate all our faculty members who are now senior members in the National Academy of Inventors.



Teja Guda, Ph.D.

Jacobson Distinguished Professor of Innovation and Entrepreneurship
Associate Dean, The Graduate School
Associate Professor, Biomedical Engineering and Chemical Engineering
Director, Graduate Program in Biomedical Technology Commercialization
Klesse College of Engineering and Integrated Design



Karl Klose, Ph.D.

Professor
Molecular Microbiology and Immunology
College of Sciences
Director, South Texas Center for Emerging Infectious Diseases

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Kevin Kelly, PhD

Former Asst. Professor, Mechanical
Engineering
Founder, International Mezzo
Technologies Inc.



Robin McCarley, PhD

Professor Emeritus, Chemistry
Executive Director, Fralin Life
Sciences Institute
Virginia Tech

2023 Fellows of the
National Academy
of Inventors

LSU | Innovation

NC STATE
UNIVERSITY

**Office of Research
Commercialization**

NC STATE UNIVERSITY
2024 NAI Fellows

NC State is proud to be
a sustaining member of
NAI, and we would like
to recognize these
two innovators that
have been elected
as NAI Fellows
this year.



Craig Yencho, Ph.D. | 2024

Horticultural Science

Prolific plant breeder of 45+ sweet potato/potato varieties that
generates socioeconomic impact both nationally and internationally

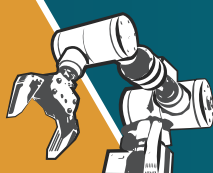


Kenneth Adler, Ph.D. | 2024

Molecular Biomedical Sciences

Innovator in field of airway diseases, co-founder of therapeutics startup that
is developing new target for treatment of severe respiratory diseases

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CONGRATULATIONS TO ALL OUR NAI FELLOWS



Texas Tech University System (TTU System) is proud to have 13 faculty researchers and leaders recognized as NAI Fellows over the past twelve years. The dedication and collaboration shown by these world-class innovators helped the TTU System to place 75th among the Top 100 U.S. Universities Granted Utility Patents in the latest NAI rankings. On behalf of the Office of Research Commercialization (ORC), we extend a warm thanks to all our inventors and we look forward to continuing to serve you in the years to come!

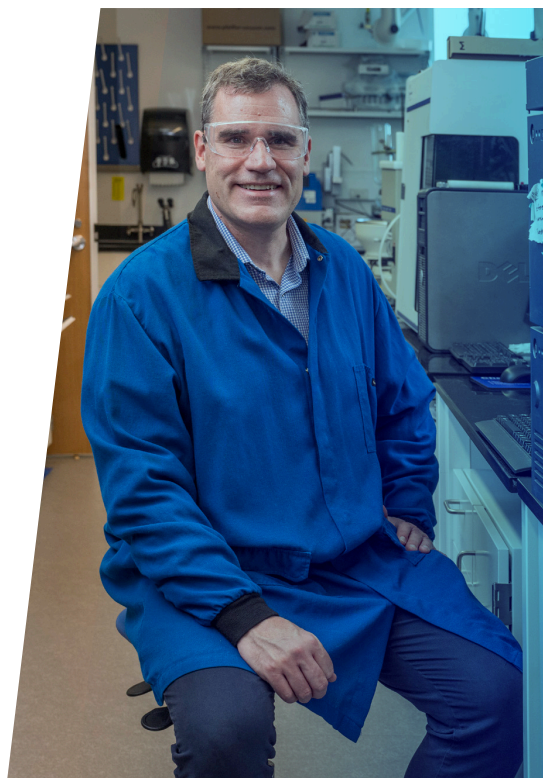
Serving the TTU System, the ORC has seen record metrics and growth in recent years with 22 issued U.S. patents and 30 new license agreements. With a continued increase in research expenditures and disclosure activity across TTU System institutions, the ORC is poised to continue facilitating the impact faculty technologies have on society.

THE UNIVERSITY OF DELAWARE CONGRATULATES OUR NAI FELLOW JOSEPH FOX

This world-class scientist is innovating chemical reactions that occur at the intersection of chemistry and biology in the pioneering field of *bioorthogonal chemistry*.

One of Professor Fox's inventions – tetrazine ligation – produces fast chemical reactions that connect molecules in living cells.

This groundbreaking tool is driving new advances, from anticancer drugs to improved cell imaging, and was cited as an essential element of the 2022 Nobel Prize in Chemistry.





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The University of Notre Dame
congratulates

EDWARD MAGINN

*Keough-Hesburgh Professor of Engineering
and Associate Vice President for Research*

on his election as a Fellow of the
National Academy of Inventors



UNIVERSITY OF
NOTRE DAME



THE UNIVERSITY OF NEBRASKA-LINCOLN

CONGRATULATES

Daniel Ciobanu

Professor of Animal Science
2023 Fellow of the National Academy
of Inventors



Liyan Qu

Associate Professor of Electrical and
Computer Engineering
2024 Senior Member of the National
Academy of Inventors



THE UNIVERSITY OF NEBRASKA HAS

12

NAI fellows

5

senior members



THE MAVERICK FACTOR ADVANCES KNOWLEDGE

The University of Texas at Arlington, a Carnegie R1 institution, is ranked in the **top 100 universities for innovation by U.S. News & World Report.**

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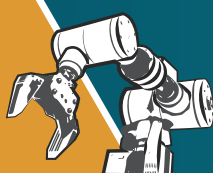


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Congratulations

Dr. Clemens
National Academy of Inventors Senior Member

The Office of Licensing and Commercialization at East Carolina University* congratulates Brody School of Medicine Associate Professor Stefan Clemens on his accomplishment.





Office of Licensing and Commercialization


C.S. 24-0763

Congratulations

Dr. Van Dross-Anderson
National Academy of Inventors Senior Member


The Office of Licensing and Commercialization at East Carolina University* congratulates Brody School of Medicine Associate Professor Rukiyah Van Dross-Anderson on her accomplishment.




Office of Licensing and Commercialization

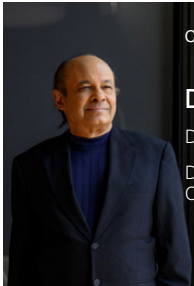
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Congratulations!




COLLEGE OF ENGINEERING

Dr. Yun Raymond Fu
Distinguished Professor, Electrical and Computer Engineering
Jointly Appointed, Khoury College of Computer Sciences



COLLEGE OF SCIENCE

Dr. Srinivas Sridhar
Distinguished Professor, Physics
Director of Nanomedicine Innovation Center and Nanomedicine Academy

 **N** Northeastern University
Chapter of the National Academy of Inventors

Congratulations to our WashU Faculty!

2023 NAI Fellows



David T. Curiel, MD, PhD



James W. Janetka, PhD

2024 NAI Senior Members



Jonathan R. Silva, PhD



Hong Chen, PhD

 **Washington University in St. Louis**
OFFICE OF TECHNOLOGY MANAGEMENT



Congratulations Dr. Guido Verbeck!

The world of innovation continues to move forward thanks to visionary thinkers and creators like you. Your induction into the prestigious National Academy of Inventors is a well-deserved honor that recognizes your remarkable contributions to Chemistry and Biochemistry.

Your pioneering work on Substrate Capture Mass Spectrometry has not only solved longstanding challenges but opened up new frontiers for future exploration and advancement. The impact of your inventions extends into Medical Device technology and Diagnostics, pushing the boundaries of what was once thought possible.

At InspectIR Systems, we take immense pride in your accomplishments. This prestigious recognition is a testament to your unwavering pursuit of excellence and your commitment to driving positive change through innovation. We are humbled to collaborate with you.

On behalf of your colleagues, friends, and the entire InspectIR family, we extend our heartfelt congratulations on this momentous achievement. Your induction into the National Academy of Inventors is a celebration of your intellect, hard work, and the transformative power of human ingenuity.

Once again, congratulations on this remarkable milestone. We look forward to your continued success and the many more groundbreaking innovations yet to come.

With admiration and pride,

InspectIR Systems, Inc.







American Academy	American Academy of Arts and Sciences
AAAS	American Association for the Advancement of Science
AACR	American Association for Cancer Research
AAM	American Academy of Microbiology
AAP	Association of American Physicians
AAU	American Association of Universities
ACerS	American Ceramic Society
ACM	Association for Computing Machinery
ACNP	American College of Neuropsychopharmacology
ACS	American Chemical Society
AHA	American Heart Association
AIC	American Institute of Chemists
AIChE	American Institute of Chemical Engineers
AIMBE	American Institute for Medical and Biological Engineering
APA	American Psychological Association
APLU	Association of Public and Land-grant Universities
APMI	American Powder Metallurgy Institute
APS	American Physical Society
APhils	American Philosophical Society
ASCE	American Society of Civil Engineers
ASCI	American Society for Clinical Investigation
ASEE	American Society for Engineering Education
ASM	American Society for Microbiology
ASM International	American Society for Metals International
ASME	American Society of Mechanical Engineers
AUTM	Association of University Technology Managers
BMES	Biomedical Engineering Society
DARPA	Defense Advanced Research Projects Agency
FDA	U.S. Food and Drug Administration
HHMI	Howard Hughes Medical Institute
IAPR	International Association of Pattern Recognition
IEEE	Institute of Electrical and Electronics Engineers
IET	Institution of Engineering and Technology
ISD	International Society for Differentiation
MRS	Materials Research Society
NAE	National Academy of Engineering
NAEd	National Academy of Education
NAI	National Academy of Inventors
NAM	National Academy of Medicine
NAS	National Academy of Sciences
NCI	National Cancer Institute
NIH	National Institutes of Health
NIHF	National Inventors Hall of Fame
NIST	National Institute of Standards and Technology
NSF	National Science Foundation
OSA	Optical Society of America
PAS	Pontifical Academy of Sciences
PECASE	Presidential Early Career Award for Scientist and Engineers
RSC	Royal Society of Chemistry
SDB	Society for Developmental Biology
SFB	Society for Biomaterials
SPIE	International Society for Optics and Photonics
TMS	The Minerals, Metals and Materials Society
U.S. DoD	United States Department of Defense
U.S. DOE	United States Department of Energy
USPTO	United States Patent and Trademark Office



SAVE THE DATE

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