



Collaborative Design + Co-creation for Health Equity

Summer **Innovation** Institute

0.5 C.U.

June 8th–12th, 2026

Presented in partnership with:

Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging
and Johnson & Johnson Nurse Innovation Fellowship Program.

funded by the National Institute on Aging Grant Nr. P30AG073105



The School of Nursing will hold the Summer Innovation Institute focused on Collaborative Design and Co-creation for Health Equity in person and on campus from June 8-12, 2026.

Innovation is necessary to achieve health equity. However, the human-centered approach of design thinking, a powerful tool for innovation, does not guarantee equitable solutions. Equity-centered models must complement it. These approaches focus on collaboration and co-creation. Collaborative work that centers the voices of and engages with all stakeholders and members of interested communities ensures that innovative design solutions reflect the intended audiences' needs and preferences.



This 5-day in-person intensive workshop allows participants to explore design thinking and equity-centered design by collaboratively putting them into practice. During a series of dynamic and interactive sessions each morning, attendees will engage in lectures, group discussions, and other activities regarding how we can move the needle toward health equity by integrating human-centered design, participatory models, and entrepreneurship principles. The institute faculty and speakers will provide insight into how design thinking, Artificial Intelligence and equity-centered design have already transformed health as well as the importance of addressing equity in all aspects of the process. Come with ideas, and leave with frameworks, contacts, and plans.

Planning Committee

Pam Cacchione, Ralston House Term Chair of Gerontological Nursing, Co-Lead of the Aging Core for the Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging

George Demiris, Associate Dean of Research and Innovation, Penn Integrates Knowledge University Professor, School of Nursing, Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging

Jennifer Garcia, Innovation Project Manager, Penn Nursing

Nancy Greene, Data Project Manager, PennAITech Collaboratory

Maya Greenshpan, Innovation Project Coordinator, Penn Nursing

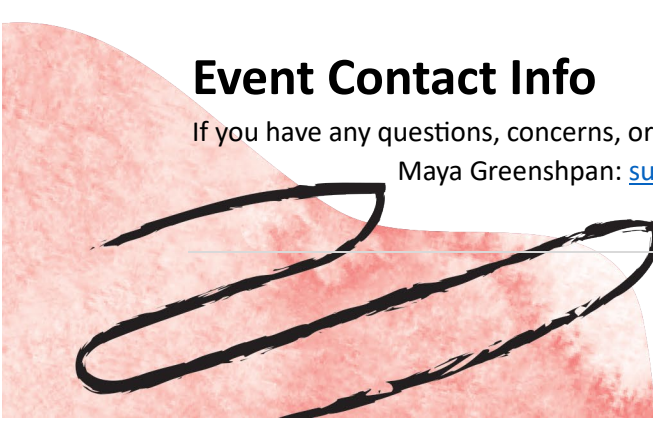
Jennifer Forbes-Nicotera, Program Manager, PennAITech Collaboratory

Marion Leary, Director of Innovation, Penn Nursing

Event Contact Info

If you have any questions, concerns, or accessibility needs, please contact:

Maya Greenshpan: summerinstitute@nursing.upenn.edu



[Find Tengen Hall on Google Maps](#)

WHERE

Tengen Hall

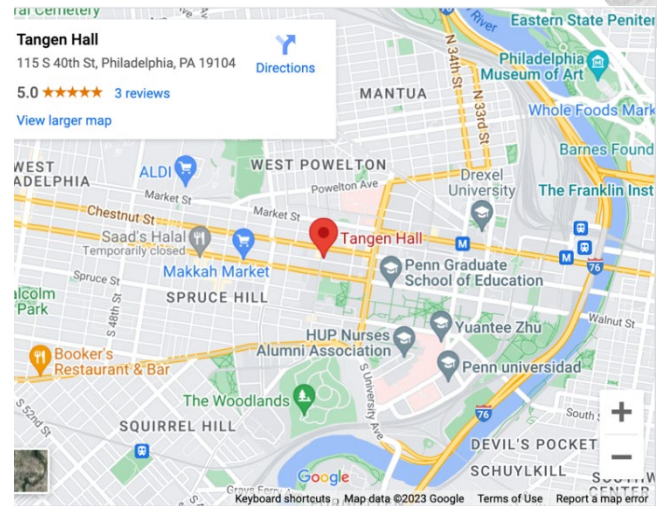
University of Pennsylvania
115 S 40th St, Philadelphia, PA 19104
Main entrance on 40th Street

Meeting Space: 2nd Floor, Colloquium
Tengen Hall is ADA Accessible.

Guest Wi-Fi is available in all UPenn campus buildings. Simply select “Penn Guest” and sign in using your email.

While there are restrooms on the 2nd floor, gender-inclusive restrooms are available on the 1st and 4th floors. Participants are encouraged to use the restroom they feel most comfortable using.

Tengen Hall phone number: (215) 898-4856



TRANSPORTATION & PARKING

- 2-hour street parking available on 40th street including handicap spaces directly in front of Tengen Hall entrance.
- Garage parking is available across the street at the Walnut & 40th Street garage (Must pay on entry with credit card. \$23 daily rate)
- Walking to Tengen Hall from the Sheraton is about a 12-minute walk.
- Tengen Hall is a 20–25-minute walk from 30th Street Station for those arriving by Amtrak. You can also take SEPTA’s Market Frankford Line (L) 2 stops Westbound from 30th Street to 40th Street Station. Tengen Hall is two blocks from the 40th Street subway station. Taxis and Ubers are easily available in this area as well.
- The Philadelphia Airport has a public transit option that is very cost effective. We recommend taking the Airport Line to 30th Street Station, then utilizing a taxi, rideshare, or the Market Frankford Line to get from 30th Street Station to Tengen Hall.
- The University City area is very walkable, so we recommend bringing shoes you will be comfortable walking in.

SECURITY

All Penn students, faculty, and staff must swipe Penn IDs at the security desk for entry into Tangen Hall.

All participants without Penn IDs will be on a guest list for entry into Tangen Hall. You must sign in and present a government issued ID at the security desk in the lobby to enter.

FOOD

A light breakfast and beverages will be available each morning. There will be vegan and gluten free options for those with dietary restrictions.

Nearby restaurants:

Tangen Hall is situated around many different restaurants, from fast food to full service. Within a 2-block radius, there are many fast-food restaurants such as Qdoba, Raising Canes, Sweetgreen, Starbucks, Hip City Veg (vegan), Panera, Halal Guys, DIG, and more.

For full-service restaurants, we recommend the nearby Dim Sum House, Louie Louie, Phở & Café Saigon, White Dog Café, Pattaya Thai Cuisine, LaTao HotPot, and Copabanana.

RECOMMENDED MATERIALS TO BRING

- Comfortable walking shoes
- Notepad and pen/pencil
- Laptop, tablet, chargers
- Your business cards
- A cardigan, sweater or wrap
- Water bottle
- Hand sanitizer, disinfecting wipes, masks, and other PPE materials if you choose
- Umbrella

Dress Suggestions

While there is no official dress code, we recommend business casual to business professional.

Schedule Overview

Day 1 (June 8th) – Design Thinking, Health Equity, and Entrepreneurship

Time	Topic	Speaker
8:30-8:40	Welcome	Dean Villarruel
8:40-8:50	Review Schedule for the Week	Pam Cacchione
8:50-9:40	Overview of Human-Centered Design and Design Thinking	Maya Greenshpan
9:40-10:00	Icebreaker Activity	
10:00-10:30	Health Equity	Dr. Derek Griffith
10:30-10:45	<i>BREAK</i>	
10:45-11:45	Fireside Chat: Community engaged design	Mark Yim, Seul Ki Choi
11:45-12:15	The Entrepreneur Mindset	Lori Rosenkopf
12:15-12:30	Daily Reflection, Preview for Tomorrow	Pam Cacchione
12:30-1:30	<i>Lunch Break</i>	
1:30-2:00	Activity: Walk to Fagin Hall	
2:00-3:00	Activity: Tour Home Care Suite and Simulation Labs	
3:00-4:00	Meet with PennAITech Core Team members	Core Team members

Monday Evening, you are invited to an Opening Reception | 6:00-8:00pm

Location: Sheraton University City Hotel, 3549 Chestnut St.

*Join us for a special LIVE recording of the [Amplify Nursing](#) podcast
during our opening reception!*

Day 2 (June 9th) – The “Empathy and Define” Stage

Time	Topic	Speaker
8:30-9:15	Empathy and Define Fireside Chat, moderator: Pam Cacchione	Halley Ruppel , Jon Zhu , Matthew Van Der Tuyn
9:15-9:45	Small Group Discussion	Pam Cacchione & Maya Greenshpan
9:45-10:30	AI in the Empathy and Define stage. Moderator: George Demiris	Sarah Rottenberg and Anna Wexler
10:30-10:45	<i>BREAK</i>	
10:45-11:45	Fireside Chat: Sharing Your Story	Pam Cacchione interviews Adriana Perez
11:45-12:15	Lessons Learned on Empathy/Define	Heather Brom & Margo Brooks Carthon
12:15-12:30	Daily Reflection, Preview for Tomorrow	Pam Cacchione
12:30-1:30	<i>Lunch Break</i>	
1:30-2:30	The Observer Project: Transforming Health Care from the Inside	Kevin B. Johnson
3:00-3:30	<i>BREAK</i>	
3:30-4:30	We Can Still Get the AI We Want: A Social Science Perspective	Aileen Nielsen
4:30-5:30	Prep time for Pitches	

Day 3 (June 10th) – The “Ideation” Stage

Time	Topic	Speaker
8:30-9:00	The Ideation stage in Design Thinking	Mike Avery
9:00- 10:15	Ideation in AI + Ideation Workshop	Alison Buttenheim
10:15-10:45	<i>BREAK</i>	
10:45-11:30	Intellectual Property	Cindy Dahl
11:30-12:15	Smart Homes for Loneliness and Social Isolation	George Demiris
12:15-12:30	Daily Reflection, Preview for Tomorrow	Pam Cacchione
12:30-1:30	<i>Lunch Break</i>	
1:30-3:00	Stakeholder Panel and Discussion	PennAITech Stakeholders
3:00-3:30	<i>BREAK</i>	
3:30-4:30	The Subtle Science and Exact Art of Innovation in Aging	Ipsit V. Vahia
4:30-5:30	Prep time for Pitches	

Day 4 (June 11th) - The “Prototyping & Testing” Stage

Time	Topic	Speaker
8:30-9:00	The Prototyping and Testing stage in Design Thinking	Maya Greenshpan
9:00-10:00	Hands-on Prototyping	Taylor Caputo
10:00-10:45	Prototyping Activity	Tex Kang and Christine Kemp
10:45-11:00	<i>BREAK</i>	
11:00-11:30	Presenting Like a Pro	Tim Fortescue
11:30-12:20	Panel: Ways of Funding. Moderator: Pam Cacchione	Kevin Mahoney , Jake Prigoff , Kevin Baumlin , Samantha Matlin
12:20-12:30	Daily Reflection, Preview for Tomorrow	Pam Cacchione
12:30-1:30	<i>Lunch Break</i>	
1:30-2:30	Translational Informatics: Synergy between Clinicians and Informatician	Dokyoon Kim
3:00-3:30	<i>BREAK</i>	
3:30-4:30	The Future of Mental Health and AI – Perspective from Research, Entrepreneurship, and Implementation	Tanzeem Choudhury
4:30-5:30	Prep time for Pitches	

Day 5 (June 12th) - Pitching and Feedback

Time	Topic	Speaker
8:30-11:30	Activity: Project Pitches – Audience members hear and provide feedback on real project pitches	George Demiris
11:30-12:30	Closing remarks	

For questions or concerns, please connect with
Jennifer or Nancy via:
pennaitech@nursing.upenn.edu

Speakers:

Mikael Avery, Lecturer, Stuart Weitzman School of Design

Mike Avery is a designer, educator, maker, and healthcare professional working at the intersection of architecture, product design, and health. He believes that the true measure of a project's success is evaluated by how well it aligns with the desires, needs, and goals of those who will engage with the objects, spaces, and experiences we create. At the University of Pennsylvania, Mike teaches in the Department of Architecture and the Integrated Product Design Program. Foregrounding this person-first perspective, he works with students across a diverse set of courses ranging from design processes and design research to advanced seminars in health, digital fabrication, and furniture. Outside of academia, Mike utilizes his diverse background and training—along with a human-centered design approach—to consult with healthcare systems on patient- and provider-focused quality improvement, to advise architecture firms working in healthcare, and to collaborate with startups on medical device design and development.

Kevin M. Baumlin, Chief Medical Affairs Officer, University City Science Center

Dr. Kevin M. Baumlin, MD, FACEP, is a seasoned emergency medicine physician and healthcare leader with over 30 years of clinical and academic experience. He currently serves as the Chief Medical Affairs Officer at the University City Science Center, where he leverages his expertise to bridge the gap between healthcare systems and innovative startups. Dr. Baumlin is also a Professor of Clinical Emergency Medicine at Drexel University College of Medicine. Previously, he held leadership roles at Pennsylvania Hospital and Mount Sinai Beth Israel Hospital in New York. His academic interests include clinical informatics and geriatric emergency medicine, areas in which he has conducted funded research and published extensively. In 2022, Dr. Baumlin ran for the U.S. Senate in Pennsylvania, advocating for healthcare reform. He earned his medical degree from Hahnemann University and completed his residency at Jacobi Medical Center in the Bronx. Dr. Baumlin resides in Philadelphia with his husband, Patrick Mahanger, and their dog, Duke.

Heather Brom, Research Assistant Professor, School of Nursing

Heather Brom, PhD, RN, is a Research Assistant Professor at the University of Pennsylvania School of Nursing and a Senior Fellow at the Leonard Davis Institute of Health Economics. She serves as Director of Data Analytics & Operations for Thrive, an equity-focused, evidence-based transitional care program supporting Medicaid-insured individuals as they transition from hospital to home. Dr. Brom leverages electronic health record data, machine learning, and qualitative insights to identify and support those at high risk for hospital readmission. Her work focuses on co-creating data-driven, multi-level solutions that advance health equity and improve care for individuals with complex medical and social needs.

Alison Bутtenheim, Professor of Nursing & Health Policy and Silverstein Professor of Global Women's Health at Penn Nursing

Alison Bутtenheim, PhD, MBA, conducts research that addresses behavior change challenges in global public health. Using the techniques and frameworks of behavioral economics and human-centered design, she designs, test, and scales innovative interventions to reduce infectious disease burden, with specific expertise in vaccine confidence and HIV prevention. As a Certified LEGO Serious Play facilitator, Alison loves to make great meetings happen.

Pamela Cacchione, Ralston House Term Chair of Gerontological Nursing, Co-Lead of the Aging Core for the Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging

Dr. Cacchione, PhD, CRNP, BC, FGSA, FAAN, received her BSN from Villanova University School of Nursing, MSN from Marymount University School of Nursing, and her PhD from Saint Louis University School of Nursing. She completed a post doctorate at the University of Iowa College of Nursing focused on delirium in sensory impaired rural older adults in long-term care. Dr. Cacchione's research on sensory impairment in long-term care elders has led to the dissemination of evidence-based guidelines in the care of older adults in long-term care settings with vision and/or hearing deficits. She has leveraged her expertise in vision and hearing impairment into human factors in developing robotic applications for older adults and system innovations within health systems. She is currently funded through AHRQ, NSF, and NICHD.

Taylor Caputo, Director of the Engineering Studios at Venture Labs, Lecturer, School of Engineering, University of Pennsylvania

Taylor Caputo is a product designer, artist, and academic with a background in the fine arts, crafts, and 3D modeling. An alum of the Integrated Product Design Program at the School of Engineering, she is now the Director of the Engineering Studios @ Venture Lab, a Fabrication Lab open to the entire UPenn community. Taylor also created and teaches the interdisciplinary How to Make Things and Designing Connected Objects & Experiences courses homed in the School of Engineering. She has offered design consulting to various companies such as Away Travel, Puma, and BioMeme, and has exhibited her work internationally, notably at the 2016 Vienna Design Week and 2018 Milan Design Week. A proud Philadelphian, Taylor also enjoys indulging in the city's vegetarian delights and is an avid weaver and potter in her free time.

Tanzeem Choudhury, Chief of Health Innovation and the Roger and Joelle Burnell Professor in Integrated Health and Technology at Cornell Tech, the Cornell Ann S. Bowers College of Computing and Information Science, and the Jacobs Technion-Cornell Institute

Tanzeem Choudhury, PhD, directs the People-Aware Computing group which creates wearables and multi-modal AI systems to better measure and intervene on health behaviors and symptoms. The group's research includes creating novel on-body actuators, and clinical decision support that help individuals and also their clinicians take better health actions - both mental and physical. From 2021-2023, she served as the Senior Vice President of Digital Health at Optum Labs (part of UnitedHealth Group). Prof. Choudhury is a co-founder of two mental health AI startups with the mission of integrating behavioral health into all aspects of healthcare.

Cynthia Dahl, Practice Professor, Penn Carey School of Law

Cynthia Dahl is the Founding Director of the Detkin Intellectual Property and Technology Legal Clinic, a pro bono “teaching law firm” at Penn Carey Law where students help early-stage startups and other creative ventures and individuals set and implement IP strategy. She specializes in using intellectual property to commercialize technology, and she writes and speaks extensively about teaching in this area. Before joining Penn Carey Law, Cynthia was Senior IP Counsel at an international wireless location company, and she worked for several years as an IP litigation associate at Holland and Hart LLP and Pennie and Edmonds LLP. Before launching her legal career, she counseled artists at Volunteer Lawyers for the Arts in New York, and held several jobs in policy and the press, including working for Senator Bill Bradley (D-NJ) and Nina Totenberg at National Public Radio.

George Demiris, Associate Dean of Research and Innovation, Penn Integrates Knowledge University Professor, School of Nursing, Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging

George Demiris is a PIK (Penn Integrates Knowledge) University Professor at the University of Pennsylvania and holds joint faculty appointments in the Department of Biobehavioral Health Sciences of the School of Nursing where he serves as Associate Dean for Research and Innovation, and the Informatics Division of the Department of Biostatistics, Epidemiology and Informatics, Perelman School of Medicine. He explores innovative ways to utilize technology and support older adults and their families in various settings, including home and hospice care. He also focuses on designing and evaluating personal health systems that produce patient-generated data including “smart home” solutions for aging. He is a Member of the National Academy of Medicine, a Fellow of the American College of Medical Informatics, the Gerontological Society of America and the International Academy of Health Sciences Informatics. He has conducted numerous federally funded studies, and his work has been funded consistently over the years both by the National Institutes of Health (NIH) and the National Science Foundation (NSF). He directs the Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging and is co-director of the Penn Community Collaboratory for Co-Creation.

Tim Fortescue, Executive Communication Coach and the founder of 40 Watt Coaching

Tim Fortescue, founder of 40 Watt Coaching, helps top companies execute communication skills at the highest level. As a certified Co-Active Coach, his holistic approach addresses messaging, mindset, and delivery. Tim's coaching career began over 20 years ago on the high school basketball court. In 2021, Tim launched 40 Watt Coaching and now partners with global organizations, designing custom courses, workshops, and learning programs giving leaders and teams practical tools to communicate with clarity, confidence, and impact.

Maya Greenshpan, MEd, Innovation Project Coordinator, School of Nursing

Maya is a human-centered design practitioner, educator, and facilitator. She recently joined the Penn Nursing Innovation team and previously worked at Penn Medicine's Center for Health Care Innovation, supporting initiatives in women's health, remote patient monitoring, virtual care, and preventive screenings. With a background that blends design strategy and nearly a decade of teaching, Maya focuses on translating human-centered design into practical tools that help people navigate complexity and create more thoughtful, impactful solutions.

Derek M. Griffith, Risa Lavizzo-Mourey Population Health and Health Equity University Professor at the University of Pennsylvania

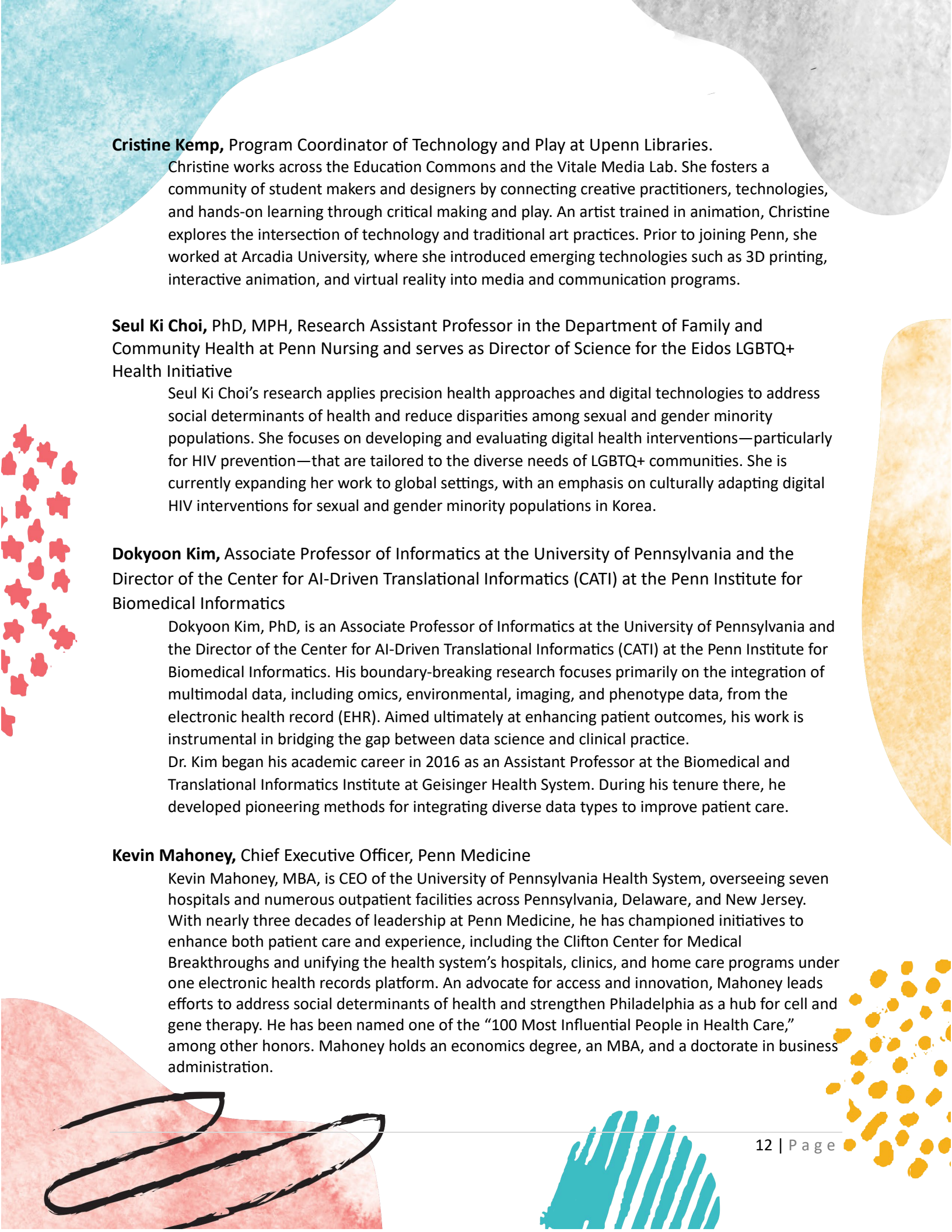
Derek M. Griffith, PhD, is the Risa Lavizzo-Mourey Population Health and Health Equity University Professor and a professor in the Department of Medical Ethics and Health Policy at the Perelman School of Medicine at the University of Pennsylvania. He is also a Fellow and Senior Advisor on Health Equity and Anti-Racism at the Leonard Davis Institute of Health Economics and Director of the Program for Research on Men's Health. Trained in psychology and public health, Dr. Griffith's research focuses on advancing anti-racism approaches to achieve racial, ethnic, and gender equity in health, with particular attention to the health and well-being of Black men. He is a contributor to and co-editor of four books and the lead author of the Movember Real Face of Men's Health 2025 United States report, the first national report describing the state of men's health in the U.S. His work aims to develop innovative policies and interventions that advance health equity in the United States and globally.

Kevin B. Johnson, David L. Cohen University Professor of Biomedical Informatics, Computer Science, Pediatrics, and Science Communication at the University of Pennsylvania, and Vice President for Applied Clinical Informatics at Penn Medicine

Kevin B. Johnson, MD, MS is the David L. Cohen University Professor of Biomedical Informatics, Computer Science, Pediatrics, and Science Communication at the University of Pennsylvania, and Vice President for Applied Clinical Informatics at Penn Medicine. He earned his MD from Johns Hopkins and an MS in Medical Informatics from Stanford and previously served as Chair of Biomedical Informatics and Chief Informatics Officer at Vanderbilt University Medical Center. He directs Penn's AI for Ambulatory Care Innovation lab, has authored over 200 publications, and is a member of the National Academy of Medicine. He also produces documentaries and a book series on informatics and STEMM.

Tex Kang, Program Coordinator for Technology and Play, Penn Libraries Education Commons

Tex manages the Education Commons makerspace and teaches classes on digital fabrication and consultation on projects for the Penn community.



Cristine Kemp, Program Coordinator of Technology and Play at Upenn Libraries.

Christine works across the Education Commons and the Vitale Media Lab. She fosters a community of student makers and designers by connecting creative practitioners, technologies, and hands-on learning through critical making and play. An artist trained in animation, Christine explores the intersection of technology and traditional art practices. Prior to joining Penn, she worked at Arcadia University, where she introduced emerging technologies such as 3D printing, interactive animation, and virtual reality into media and communication programs.

Seul Ki Choi, PhD, MPH, Research Assistant Professor in the Department of Family and Community Health at Penn Nursing and serves as Director of Science for the Eidos LGBTQ+ Health Initiative

Seul Ki Choi's research applies precision health approaches and digital technologies to address social determinants of health and reduce disparities among sexual and gender minority populations. She focuses on developing and evaluating digital health interventions—particularly for HIV prevention—that are tailored to the diverse needs of LGBTQ+ communities. She is currently expanding her work to global settings, with an emphasis on culturally adapting digital HIV interventions for sexual and gender minority populations in Korea.

Dokyoon Kim, Associate Professor of Informatics at the University of Pennsylvania and the Director of the Center for AI-Driven Translational Informatics (CATI) at the Penn Institute for Biomedical Informatics

Dokyoon Kim, PhD, is an Associate Professor of Informatics at the University of Pennsylvania and the Director of the Center for AI-Driven Translational Informatics (CATI) at the Penn Institute for Biomedical Informatics. His boundary-breaking research focuses primarily on the integration of multimodal data, including omics, environmental, imaging, and phenotype data, from the electronic health record (EHR). Aimed ultimately at enhancing patient outcomes, his work is instrumental in bridging the gap between data science and clinical practice.

Dr. Kim began his academic career in 2016 as an Assistant Professor at the Biomedical and Translational Informatics Institute at Geisinger Health System. During his tenure there, he developed pioneering methods for integrating diverse data types to improve patient care.

Kevin Mahoney, Chief Executive Officer, Penn Medicine

Kevin Mahoney, MBA, is CEO of the University of Pennsylvania Health System, overseeing seven hospitals and numerous outpatient facilities across Pennsylvania, Delaware, and New Jersey. With nearly three decades of leadership at Penn Medicine, he has championed initiatives to enhance both patient care and experience, including the Clifton Center for Medical Breakthroughs and unifying the health system's hospitals, clinics, and home care programs under one electronic health records platform. An advocate for access and innovation, Mahoney leads efforts to address social determinants of health and strengthen Philadelphia as a hub for cell and gene therapy. He has been named one of the "100 Most Influential People in Health Care," among other honors. Mahoney holds an economics degree, an MBA, and a doctorate in business administration.

Samantha Matlin, a clinical/community psychologist, is a Psychologist at the Children's Hospital of Philadelphia (CHOP) and faculty at the University of Pennsylvania Perelman School of Medicine.

At CHOP, she provides trauma-focused care for children and adolescents and is the Director of the Professional Development and Training Program at the Center for Violence Prevention. At Penn, she teaches in the Master of Public Health program. She is the Director of Workforce Education at the Penn Center for Public Health and leads the Public Health Impact Hub. She is the former VP of Learning and Community Impact at the Thomas Scattergood Behavioral Health Foundation where she led training and consultation to build evaluation capacity in community-based organizations and city and state agencies. She is the former Special Advisor to the Commissioner at the City of Philadelphia Department of Behavioral Health and Intellectual disAbility Services where she contributed to the formulation of high priority programmatic initiatives and policy. She is committed to improving the health status of communities with a focus on mental health promotion and neighborhood conditions that influence health.

Aileen Nielsen, Visiting Assistant Professor of Law, Harvard Law School

Aileen Nielsen, PhD, JD, is a Visiting Assistant Professor at Harvard Law School, where she teaches privacy law and torts. Her research focuses on the interplay of law and technology, drawing on empirical methods and private law topics. She holds degrees in anthropology, physics, and law. She has written two trade books on machine learning and has also worked in industry as a data scientist. She is a member of the New York bar.

Adriana Perez, PhD, RN, CRNP, ANP-BC, FAAN, FGSA, Inaugural Leonard A. Lauder Community Care Nurse Practitioner Chair, Associate Professor of Nursing and Senior Fellow at the Leonard Davis Institute of Health Economics at the University of Pennsylvania School of Nursing

Adriana Perez's program of research, funded by the National Institutes of Health/National Institute on Aging (NIH/NIA) and the Alzheimer's Association, focuses on the development and testing of multi-level, theory-based community interventions to promote physical activity, cardiovascular health, cognitive health and sleep quality in older Hispanics/Latinos. She has served as multi-site Principal Investigator testing recruitment science strategies to accelerate the inclusion of populations most affected by AD/ADRD in clinical trials. And currently leads a farmworker community engagement grant funded by the Penn Community Collaboratory for Co-Creation, with Penn Engineering and LCH Federally Qualified Health Center.

Dr. Perez serves as Co-Director of the Education Core at Penn's Center for Improving Care Delivery for the Aging, and as Vice-Chair of the Family & Community Department and Penn Nursing. As a board-certified Adult Nurse Practitioner, she provides community-based long-term care for diverse, frail elders who reside in North Philadelphia. She was appointed to the U.S. Department of Health & Human Services, Advisory Committee on Minority Health; served on the National Institute of Nursing Research (NINR) Initial Review Group; and was selected as a Congressional Health & Aging Policy Fellow supported by the Atlantic Philanthropies and Centers for Disease Control and Prevention Healthy Aging Program to engage Latino city planners, local policymakers, stakeholders, and residents to inform environmental policies that promote healthy aging.

A Fellow of the American Academy of Nursing and the Gerontological Society of America (GSA). She has served as Chair of the Academy's Expert Panel on Aging, and as Chair of the Public Policy Committee for the National Association of Hispanic Nurses (NAHN). She is currently appointed as member of the Pennsylvania Council on Aging and serves as Public Policy Section Editor for the Journal of Gerontological Nursing. Recent awards include the Research Recognition Award from the National Hispanic Council on Aging, the GSA Senior Scholar Award for Research Related to Disadvantaged Older Adults, and the NAHN Janie Menchaca Leadership Award. Dr. Perez grew up in Yuma, Arizona, near the United States–Mexico border. She received her BSN, MS Adult Nurse Practitioner, and PhD from Arizona State University, College of Nursing & Health Innovation. She was awarded the Patricia G. Archbold Predoctoral Scholarship and Claire M. Fagin Postdoctoral Fellowship from the John A. Hartford Foundation, National Hartford Center for Gerontological Nursing Excellence.

Jake Prigoff, Chief Medical Officer, Afynia Laboratories

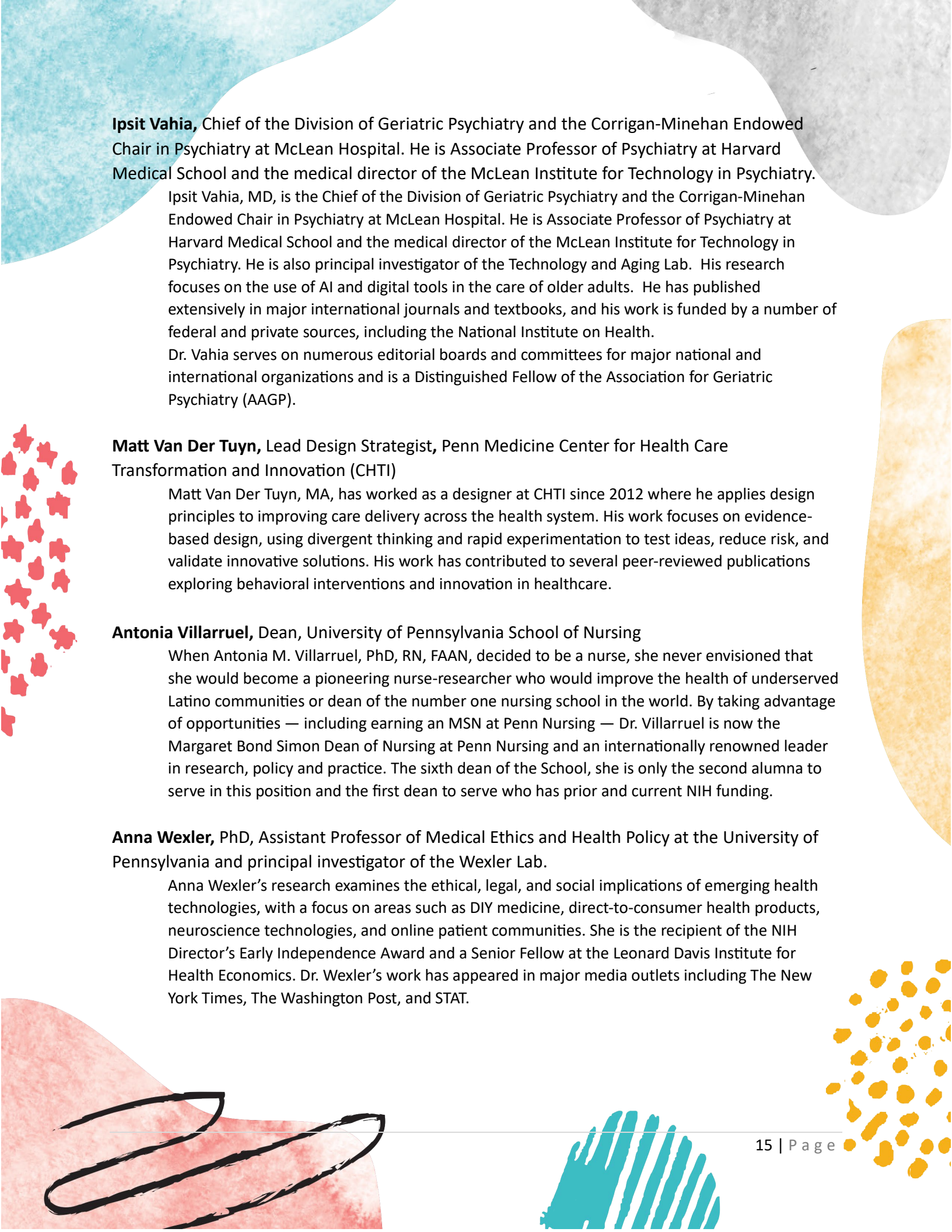
Jake Prigoff, MD, is the Chief Medical Officer at Afynia Laboratories, a women's health diagnostics company. Prior to this, he was a general partner at Gaingels Venture Capital Group where he focused on early-stage healthcare and life sciences investing. Jake received his medical degree at the Icahn School of Medicine at Mount Sinai and trained in General Surgery at Columbia University Medical Center before moving towards the industry side of healthcare.

Lori Rosenkopf, Simon and Midge Palley Professor, Vice Dean of Entrepreneurship, The Wharton School of the University of Pennsylvania

Lori Rosenkopf, PhD, is the Simon and Midge Palley Professor at the Wharton School of the University of Pennsylvania and serves as Vice Dean of Entrepreneurship, as well as Faculty Director for Venture Lab and Wharton San Francisco. She is the author of *Unstoppable Entrepreneurs: 7 Paths for Unleashing Successful Startups and Creating Value through Innovation* (Wharton School Press, 2025). Her research explores technological communities and social networks in high-tech industries, examining how knowledge flows between professionals, firms, and technologies to shape innovation and success. A dedicated educator at Wharton since 1993, she has taught across undergraduate, MBA, doctoral, and executive programs and was named a Fellow of the Academy of Management and the Strategic Management Society.

Halley Ruppel, PhD, RN, FAAN is a Research Associate Professor in the Department of Family and Community Health at Penn Nursing and core faculty in Clinical Futures, a Center of Emphasis of the Children's Hospital of Philadelphia Research Institute.

Halley Ruppel's research focuses on integrating technology into acute and critical care settings to improve patient safety and clinical outcomes. Drawing on her background as a pediatric critical care nurse, she studies technologies such as physiologic monitors and electronic health records to reduce issues like alarm fatigue and information overload. Using qualitative, mixed-methods, and data science approaches, her work aims to ensure healthcare technologies are used safely, effectively, and equitably.



Ipsit Vahia, Chief of the Division of Geriatric Psychiatry and the Corrigan-Minehan Endowed Chair in Psychiatry at McLean Hospital. He is Associate Professor of Psychiatry at Harvard Medical School and the medical director of the McLean Institute for Technology in Psychiatry.

Ipsit Vahia, MD, is the Chief of the Division of Geriatric Psychiatry and the Corrigan-Minehan Endowed Chair in Psychiatry at McLean Hospital. He is Associate Professor of Psychiatry at Harvard Medical School and the medical director of the McLean Institute for Technology in Psychiatry. He is also principal investigator of the Technology and Aging Lab. His research focuses on the use of AI and digital tools in the care of older adults. He has published extensively in major international journals and textbooks, and his work is funded by a number of federal and private sources, including the National Institute on Health.

Dr. Vahia serves on numerous editorial boards and committees for major national and international organizations and is a Distinguished Fellow of the Association for Geriatric Psychiatry (AAGP).

Matt Van Der Tuyn, Lead Design Strategist, Penn Medicine Center for Health Care Transformation and Innovation (CHTI)

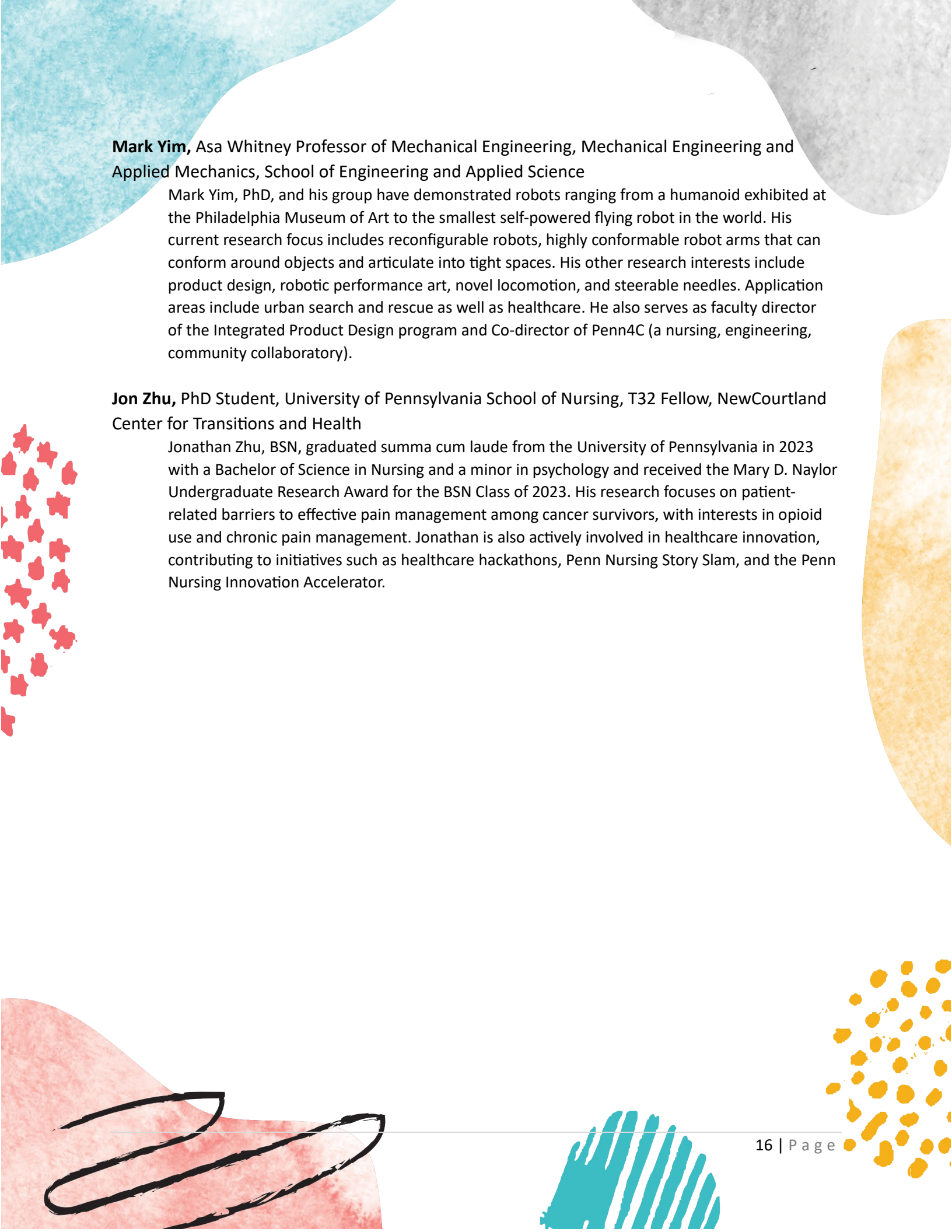
Matt Van Der Tuyn, MA, has worked as a designer at CHTI since 2012 where he applies design principles to improving care delivery across the health system. His work focuses on evidence-based design, using divergent thinking and rapid experimentation to test ideas, reduce risk, and validate innovative solutions. His work has contributed to several peer-reviewed publications exploring behavioral interventions and innovation in healthcare.

Antonia Villarruel, Dean, University of Pennsylvania School of Nursing

When Antonia M. Villarruel, PhD, RN, FAAN, decided to be a nurse, she never envisioned that she would become a pioneering nurse-researcher who would improve the health of underserved Latino communities or dean of the number one nursing school in the world. By taking advantage of opportunities — including earning an MSN at Penn Nursing — Dr. Villarruel is now the Margaret Bond Simon Dean of Nursing at Penn Nursing and an internationally renowned leader in research, policy and practice. The sixth dean of the School, she is only the second alumna to serve in this position and the first dean to serve who has prior and current NIH funding.

Anna Wexler, PhD, Assistant Professor of Medical Ethics and Health Policy at the University of Pennsylvania and principal investigator of the Wexler Lab.

Anna Wexler's research examines the ethical, legal, and social implications of emerging health technologies, with a focus on areas such as DIY medicine, direct-to-consumer health products, neuroscience technologies, and online patient communities. She is the recipient of the NIH Director's Early Independence Award and a Senior Fellow at the Leonard Davis Institute for Health Economics. Dr. Wexler's work has appeared in major media outlets including The New York Times, The Washington Post, and STAT.



Mark Yim, Asa Whitney Professor of Mechanical Engineering, Mechanical Engineering and Applied Mechanics, School of Engineering and Applied Science

Mark Yim, PhD, and his group have demonstrated robots ranging from a humanoid exhibited at the Philadelphia Museum of Art to the smallest self-powered flying robot in the world. His current research focus includes reconfigurable robots, highly conformable robot arms that can conform around objects and articulate into tight spaces. His other research interests include product design, robotic performance art, novel locomotion, and steerable needles. Application areas include urban search and rescue as well as healthcare. He also serves as faculty director of the Integrated Product Design program and Co-director of Penn4C (a nursing, engineering, community collaboratory).

Jon Zhu, PhD Student, University of Pennsylvania School of Nursing, T32 Fellow, NewCourtland Center for Transitions and Health

Jonathan Zhu, BSN, graduated summa cum laude from the University of Pennsylvania in 2023 with a Bachelor of Science in Nursing and a minor in psychology and received the Mary D. Naylor Undergraduate Research Award for the BSN Class of 2023. His research focuses on patient-related barriers to effective pain management among cancer survivors, with interests in opioid use and chronic pain management. Jonathan is also actively involved in healthcare innovation, contributing to initiatives such as healthcare hackathons, Penn Nursing Story Slam, and the Penn Nursing Innovation Accelerator.

Collaborators:

University of Pennsylvania School of Nursing

Penn Nursing is built on a bedrock of doing more. Doing more—as clinicians—to save patients at the bedside. Doing more—as scientists—to solve unsolvable challenges. Doing more—as activists, policy makers, and leaders—to make high quality health and wellness care more accessible in our communities. Our mission is to make a significant impact on health by advancing science, promoting equity, demonstrating practice excellence, and preparing leaders in the discipline of nursing. <https://www.nursing.upenn.edu/>

Johnson & Johnson Nurse Innovation Fellowship Program

This ground-breaking, one-year, team-based nursing fellowship for Chief Nursing Officers (CNO), nurse executives, and senior nurse leaders, is focused on advancing healthcare by powering-up nurse-led innovation and leadership within health systems. Johnson & Johnson's sponsorship of the fellowship covers all attendance and travel costs for participants.

<https://nursing.jnj.com/innovate-with-us/nurse-fellowship>

Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging (PennAITech)

The overarching goal of the Penn Artificial Intelligence and Technology (PennAITech) Collaboratory for Healthy Aging is to identify, develop, evaluate, commercialize, and disseminate innovative technology and artificial intelligence (AI) methods and software to support older adults and those with Alzheimer's Disease (AD) and Alzheimer's Disease and Related Dementias (ADRD) in their home environment. The Collaboratory is motivated by the need for a comprehensive pipeline from technology-based monitoring of older adults in the home, collection and processing monitoring data, integration of those data with clinical data from electronic health records, analysis with cutting-edge AI methods and software, and deployment of validated AI models at point of care for decision support.

<https://www.pennaitech.org/>