



Collaborative Design + Co-creation for Health Equity


Summer **Innovation** Institute

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June 23rd–27th 2025

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 23-27, 2025.

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 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, Penn Nursing
George Demiris, Principal Investigator, Penn Artificial Intelligence and Technology Collaboratory for Healthy Aging
Marion Leary, Director of Innovation, Penn Nursing

Event Contact Info

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

Jennifer Garcia: summerinstitute@nursing.upenn.edu

WHERE

Tangen Hall
University of Pennsylvania
115 S 40th St, Philadelphia, PA 19104

Main entrance on 40th Street

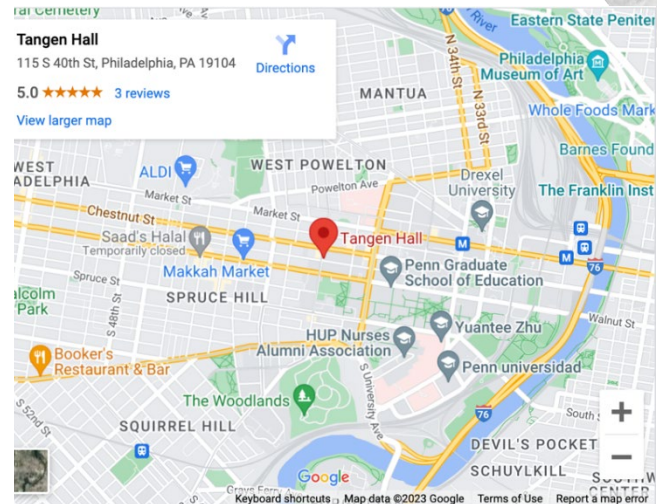
Meeting Space: 2nd Floor, Colloquium
Tangen Hall is ADA Accessible.

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

Restrooms in Tangen Hall are gender-inclusive. Participants should use the restroom that they are most comfortable using.

Tangen Hall phone number: (215) 898-4856

[Find Tangen Hall on Google Maps](#)



TRANSPORTATION & PARKING

- 2-hour street parking available on 40th street including handicap spaces directly in front of Tangen Hall entrance.
- Garage parking is available across the street at the Walnut & 40th Street garage (Must pay on entry with credit card. \$17 daily rate)
- Walking to Tangen Hall from:
 - The Study at University City- 15-minute walk
 - The Inn at Penn- 10-minute walk
 - The Sheraton- 11-minute walk
- Tangen 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 2 stops Westbound from 30th Street to 40th Street Station. Tangen 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 Tangen 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, Boston Market, 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, many people find it helpful to offer suggestions for attire. Here at the University of Pennsylvania, we usually recommend dressing business casual to business professional.

We acknowledge that everyone has their own unique style and preferences when it comes to attire, and we respect everyone's diversity of expression. We believe it is important to feel comfortable and confident in what you wear. However, it may be helpful to keep in mind that you will be interacting with other professionals in this space, so dressing to make a positive impression will be helpful to consider!

COVID-19 Guidance

COVID-19 vaccination is strongly encouraged but not required. Masks are no longer required indoors in the Penn Community (with the exception of some clinical spaces in the health system).

Throughout the pandemic, the University's COVID-19 vaccine requirements were based on guidance from the CDC, as well as requirements or mandates from state and local governmental agencies. The City of Philadelphia has updated its vaccine mandate regulation to no longer require COVID-19 vaccination for institutions of higher education. This decision is guided by current science, campus data, and national trends in higher education settings.

If you feel ill, please refrain from attending the Summer Innovation Institute and contact our event organizer if you are in need of COVID-19 testing.

Schedule Overview

Day 1 (June 23rd) – Design Thinking, Health Equity, and Entrepreneurship

Time	Topic	Speaker
8:30-8:40	Welcome	Dean Villaruel
8:40-8:50	Review Schedule for the Week	Pam Cacchione
8:50-9:20	Overview of Human-Centered Design and Design Thinking	Marion Leary
9:20-9:50	Icebreaker Activity	
9:50 – 10:20	Health Equity	Dr. Derek Griffith
10:20-10:45	<i>BREAK</i>	
10:45-11:45	Fireside Chat: Design Thinking & Inclusive Design	Mark Yim & Pam Cacchione
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 (time TBA)

Location: The Study at University City – 20 S. 33rd Street, Phila. PA 19104

Day 2 (June 24th) – The “Empathy and Define” Stage

Time	Topic	Speaker
8:30-9:15	Empathy and Define Fireside Chat	Neil Ray , Mike Avery , Jon Zhu
9:15-9:45	Small Group Discussion	MC: Marion Leary
9:45-10:30	Community Engagement and Diagnosis	Sara Jacoby
10:30-10:45	<i>BREAK</i>	
10:45-11:30	Fireside Chat: Sharing Your Story	George Demiris & Adriana Perez
11:30-12:15	Lessons Learned on Empathy/Define	Heather Brom
12:15-12:30	Daily Reflection, Preview for Tomorrow	Pam Cacchione
12:30-1:30	<i>Lunch Break</i>	
1:30-2:30	AI Agents, Affiliation, and Advance Planning for Aging in Place	Mai Lee Chang
3:00-4:00	Harnessing AI and LLMs for Alzheimer’s and Aging Studies	Li Shen & select PennAITech Innovation Fellows
4:30-5:30	The Potential and Pitfalls of LLMs for Supporting Older Adults’ Information Search and Decision-Making	Walter Richard Boot

Day 3 (June 25th) - The “Ideation” Stage

Time	Topic	Speaker
8:30-9:00	Human-Centered Design and Design Thinking	Allison Buttenheim
9:00-9:45	Ideation Workshop	Allison Buttenheim
9:45-10:15	Smart Homes for Loneliness and Social Isolation	George Demiris
10:15-10:45	<i>BREAK</i>	
10:45-11:30	Panel Discussion on Intellectual Property	Cindy Dahl & Neetu Singh
11:30-12:15	Business Models	Matthew Van Der Tuyn
12:15-12:30	Daily Reflection, Preview for tomorrow	Pam Cacchione
12:30-2:00	<i>Lunch Break</i>	
2:00-4:00	Stakeholder Panel and Discussion	
4:30-5:30	Engineering Innovation for Aging: From Collaborative Design to Impact	Peter Abadir

Day 4 (June 26th) - The “Prototyping & Testing” Stage

Time	Topic	Speaker
8:30-9:30	Human-Centered Design and Design Thinking: Prototyping and Testing	Taylor Caputo
9:30-10:30	Activity: Prototyping and Testing	Lexi Voss & Tex Kang
10:30-10:45	<i>BREAK</i>	
10:45-11:15	Presenting Like a Pro	Jamie Sweet
11:15-12:15	Panel: Ways of Funding	Kevin Mahoney , Jake Prigoff
12:15-12:30	Daily Reflection, Preview for Tomorrow	Pam Cacchione
12:30-1:30	<i>Lunch Break</i>	
1:30-2:30	LongevityTech: Service Systems of Tomorrow	Sheng-Hung Lee
3:00-4:00	New Directions in Wearable Health Tech: Designing with Fabrics, Skin, and Everyday Surfaces	Deepak Ganesan

Day 5 (June 27th) - Pitching and Feedback

Time	Topic	Speaker
8:30-11:30	Activity: Project Pitches – Audience members hear and provide feedback on real project pitches	MC: Marion Leary
11:30-12:30	Closing Remarks	

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/>

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/>

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.inj.com/innovate-with-us/nurse-fellowship>

Current version, as of May 7, 2025 – subject to updates.