

In collaboration with:



AALBORG University

OUH Odense Universitetshospital

> A Graduate-Level Four-Day Course

Leading Innovation in Smart Health



August 12-15, 2025

University of California, Berkeley University of California, Davis



Register at





Leading Innovation in Smart Health:

Next-Generation Telehealth, Robotics, and Al in Healthcare

A Four-Day Applied Course for PhD Students

The Transatlantic Telehealth Research Network (TTRN) PhD Course 2025, in collaboration with CITRIS Health, offers an exclusive, immersive learning experience at two internationallyrecognized, University of California institutions—UC Davis School of Medicine & UC Berkeley. Leading Innovation in Smart Health combines in-person learning with a four-day experience in one of the world's most visionary, and pioneering, technology & healthcare ecosystems-the Bay Area and the University of California network.

August 12 & 13: UC Davis, School of Medicine, Sacramento, CA August 14 & 15: UC Berkeley, Sutardja Dai Hall, Berkeley, CA

Why Attend?

This course equips participants with coursework and tools needed to navigate rapidly evolving advancements in smart health, robotics, and AI within healthcare systems and research. Participants will:

- Master cutting-edge research study design, assessment, & implementation methods for Smart Health innovation
- **Engage with global leaders** in next-generation telehealth, robotics, and AI from academia and industry
- **Expand professional networks** with top-tier academic leaders, scholars, students, and health innovators
- **Gain hands-on experience,** through project-based work, on identifying opportunities for translational and team science efforts within healthcare, academic, and industry

Course provides 3 ECTS points and is led by internationallyrecognized faculty and healthcare leaders from:

UC Davis School of Medicine	UC Berkeley	Aalborg University	Odense University Hospital
Dr. Veronica Ahumada Dr. Nick Anderson	Dr. David Lindeman Dr. Scott McGrath	Dr. Birthe Dinesen	Dr. Kristian Kidholm

Who Should Attend?

• **Postgraduate Students** and scholars focused on tech adoption, translation, and innovation within healthcare systems and research

 Practitioners, industry innovators, and healthcare professionals responsible for technology adoption and innovation strategies within their organizations

• Academic and Clinical Leaders seeking to better understand translational pathways for nextgeneration telehealth, robotics, and AI applications/interventions in healthcare environments

Attend to Gain: Insights & Expert Feedback on pioneering methodologies for smart health innovation.

Expanded Knowledge on smart health study design and data analyses for effective interventions and dissemination of findings.

Deep Tech Discussions with global leaders: Next-Generation Telehealth, Assistive Robotics and Al in healthcare.

Networking Opportunities within a leading healthcare innovation ecosystem-the Bay Area and the University of California.

Engaging Learning Experiences to address the pressing need for partnerships to inform the use, application, study, and design of next-general telehealth, robotics, and AI applications in healthcare.

Register Now: https://bit.ly/TTRNphd

Tuition is \$574.45 per participant, and does not include flights and hotels in Sacramento and Berkeley.



The Transatlantic Telehealth Research Network (TTRN)

fosters collaborative innovation between U.S. and Danish faculty, scholars, and researchers across medicine, informatics, engineering, nursing, and policy to advance telehealth, digital health, robotics, and AI research in healthcare and academic environments.

citris-uc.org/transatlantictelehealth-research-network



The Center for IT Research in the Interest of Society (CITRIS) and the Banatao

Institute fosters international partnerships and convenes leaders in health innovation and research in the interest of society.

citris-uc.org

In partnership with Aalborg University en.aau.dk OUH - Odense Universitetshospital ouh.dk

Level Up Your Skills

Next-Generation Telehealth

Explore current and potential impacts of next-generation telehealth technologies on healthcare systems: patient care, clinical practices, and organizational operations

Evaluate implementation strategies for Next-Generation Telehealth through university case studies and project-based coursework

Identify opportunities for bi-national translational pathways through development of pioneering frameworks. These frameworks will foster innovation and collaboration between healthcare, academic, industry, startup, and professional leaders to advance human-centered telehealth delivery, practices, and outcomes.

Robotics

Explore the current and potential impacts of robotic technologies on healthcare systems: patient care, clinical practices, and organizational operations

Evaluate implementation strategies for robotics in healthcare through university case studies and project-based coursework

Identify opportunities for bi-national translational pathways through development of pioneering frameworks. These frameworks will foster innovation and collaboration between healthcare, academic, industry, startup, and professional leaders to advance human-centered robotics deployments in healthcare environments.

Artificial Intelligence (AI)

Explore the current and potential impacts of AI technologies on healthcare systems: patient care, clinical practices, and organizational operations

Evaluate implementation strategies for AI in healthcare through university case studies and project-based coursework

Identify opportunities for bi-national translational pathways through development of pioneering frameworks. These frameworks will foster innovation and collaboration between healthcare, academic, industry, startup, and professional leaders to advance human-centered AI deployment, practices, and evaluation in healthcare environments.

Preliminary Schedule at a Glance

TTRN PhD Course 2025 UC Davis School of Medicine & UC Berkeley, CITRIS Health

Tuesday, Aug. 12 UC Davis, School of Medicine Introduction and Overview of Leading Innovation in Smart Health

- Course Intro and PhD Projects
- Next-Generation Telehealth: Telewellness, Embodied Robots, Embodied Al
- Digital Health Innovation
- Robotics in Healthcare
- Al in Healthcare
- Clinical Visit: UCDH Robotic Surgery and Simulation Laboratory
- Networking Event

Wednesday, Aug. 13 UC Davis, School of Medicine Theme: Research methods in the design of Smart Health technologies

- Ethics in Study & Design for Patient Care Research in
 - Next-generation telehealth technologies
 - Robotics in healthcare: Value of qualitative methods
 - AI applications in healthcare
- Pediatric Patient Experiences. in Smart Health clinical practice
- Older Adult Patient Experiences in Smart Health Clinical Practice
- Underserved Areas and Experiences in Smart Health clinical practice
- Mentoring for PhD Projects
- Clinical Visit: School of Nursing &. Aggie Square

Thursday, Aug. 14 UC Berkeley, Sutardja Hall Evaluation, assessment, and implementation strategies in Smart Health

- Evaluation, assessment, and implementation of
 - Next-gen telehealth technologies within healthcare systems
 - Digital health technologies
 - Robotic technologies within healthcare systems & organizations: Digital Ethnography
 - AI technologies within healthcare systems & organizations
- Healthcare, academic, and industry innovation in Smart Health
- Opportunities for bi-national translational pathways: Implementation of AI solutions
 - Aalborg University
 - University of California
- Relevant frameworks for collaborations in
 - Next-gen telehealth and AI
 - Robotics and AI
- Project Work
- Innovation Visit and Networking

Friday, August 15

UC Berkeley, Sutardja Dai Hall

- Presentation and Discussion of Applied Research Methods in Submitted Projects
- Lessons learned, comments, and announcements
- Project Presentations and Peer Feedback
- Behind the scenes: grant applications and journal peer-review process
- CV reviews and peer mentoring