
INVITATION AND CALL FOR ABSTRACTS AND POSTERS
AN INTERNATIONAL PERSPECTIVE ON BUILDING CAPACITY IN HEALTH CARE
THROUGH TECHNOLOGY
AUGUST 22-23, 2023
UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA, USA

BACKGROUND

Internationally, the COVID-19 pandemic has put extreme stress on the healthcare workforce. The World Health Organization (WHO) describes this as a ticking timebomb. Countries around the globe face severe challenges related to the healthcare workforce. The pandemic--combined with problems related to an ageing healthcare workforce, retirements, and burnout and stress from high workload, high work acuity and fast paced industry changes--has contributed to an ever-shrinking labour force ([WHO, 2022](#)). The industry is not expected to rebound soon, simply because there are not enough people with healthcare backgrounds applying for open positions. These workforce shortages and maldistribution also contribute heavily to emotional and mental health challenges in the healthcare workforce ([U.S. Department of Health and Human Services, ASPE Issue Brief, 2022](#)).

Now is the time to take stock of the role that technologies play in supporting and/or challenging health care systems. What lessons have we learned about implementing new digital health technologies? What needs to be learned and improved? How can regional digital health experiences contribute to international solutions?

To address these crucial questions, the [Transatlantic Telehealth Research Network \(TTRN\)](#), in collaboration with the [International Society for](#)

[Telemedicine & eHealth](#) and Aalborg University, invites you to the international scientific conference entitled: *“An International Perspective on Building Capacity in Health Care through Technology”* to be held at the University of California, in Berkeley, California, USA, on August 22-23, 2023. The conference is supported by CITRIS and the Banatao Institute.

AIMS OF CONFERENCE

- To present and share research on building capacity in health care through technology;
- To identify and communicate lessons learned about building capacity in health care through technology in an international context;
- To identify knowledge gaps for research around building capacity in health care through technology;
- To stimulate exchange of ideas across disciplines for the next steps of digital health and identify research collaboration;
- To give early career researchers within digital health the opportunity to present their work and expand their international network

PROGRAM WEBSITE

Program at glance at this [link](#).

CALL FOR ABSTRACTS FOR ORAL AND/OR POSTER PRESENTATIONS

We invite you to submit abstracts for oral or poster presentations to be presented at the conference within the following tracks:

- Digital health care solutions to ease the staffing shortage
- Barriers and facilitators for implementation of digital health technologies
- The value of artificial intelligence technologies in health care

- Technology advancements in healthcare recruitment, training and retention
- Digital innovations to improve equity and equality in health care
- Technology capacity building and development of health care workforce
- Integrated (or holistic) digital health—provider, patient, industry, and community perspectives on digital health solutions
- Technology-mediated health behaviors and social determinants of health
- Telehealth implementation research
- Promoting equitable access to digital health care and reducing the digital divide
- Post pandemic health care delivery: conditions that support or undermine adoption of digital health, including privacy rules
- Declining use of telehealth in wake of pandemic

ORAL PRESENTATIONS

Oral presentations will be limited to 10 minutes, with an additional five minutes for questions.

POSTERS

Posters will be displayed in paper format at the conference. Presenters are responsible for bringing their own printed poster. The poster should have the size of an A0-format (84x119 cm) (33x48 inches). Conference organizers will provide board and tacks to display posters. For the poster sessions, each presenter has 3 minutes for presentation and 2 minutes for Questions and Answers (Q&A.) There is a possibility that posters will be projected digitally.

SUBMISSION GUIDELINES & TIMELINE

- Template for submissions is at the end of the document.
- Paper or poster proposals should be an abstract of maximum 300 words, written in English and submitted in MS-Word format.

- The deadline for submissions is **April 15, 2023**.
- Submissions must be sent to the email: ttrninfo@berkeley.edu
- Submitted abstract and posters will be reviewed by the scientific committee, with a response of acceptance or rejection by **May 19, 2023**.

CONFERENCE ORGANIZERS

Program Committee

- Gale Berkowitz, DrPH, Associate Director CITRIS Health, UC, Berkeley, CA, USA (local convenor)
- Birthe Dinesen, Professor, Laboratory for Welfare Technologies – Digital Health & Rehabilitation, Sport Sciences -Performance and Technology, Department of Health Science and Technology, Aalborg University (AAU), DK (head)
- Kristian Kidholm, Professor, CIMT – Center for Innovative Medical Technology, Odense University Hospital, DK
- Frederic Lievens, International Society for Telemedicine & eHealth (ISfTeH), Brussels
- David Lindeman, PhD, Director, CITRIS Health, UC Berkeley, USA local convenor)

Scientific Committee

- Veronica Ahumada-Newhart, PhD, Assistant Professor, Health Informatics & Human-Robot Interaction, University of California, Davis, USA
- Nancy M. Albert, PhD, CCNS, CHFN, CCRN, NE-BC, FAHA, FCCM, FHSA, FAAN, Associate Chief Nursing Officer, Office of Nursing Research and Innovation, Cleveland Clinic Health System and Adjunct Professor AAU
- Nick Anderson, Ph.D., Cardiff Professor of Informatics, Chief, Division of Health Informatics, Department of Public Health Sciences, Chair, Health Informatics Graduate Group, University of California, Davis, USA
- Gale Berkowitz, DrPH, Associate Director CITRIS Health, CITRIS, UC, Berkeley, CA, USA

- Birthe Dinesen, Professor, Laboratory for Welfare Technologies – Digital Health & Rehabilitation, Sport Sciences -Performance and Technology, Department of Health Science and Technology, AAU, DK
- Lars Dittmann, Professor, Department of Photonics Engineering, Networks Technology and Service Platforms, Danish Technical University, DK
- Kristian Kidholm, Professor, CIMT – Center for Innovative Medical Technology, Odense University Hospital, DK
- Katherine Kim, PhD, MPH, MBA, Principal, Consumer Health Informatics and Health Science at MITRE
- James Marcin, MD, MPH, Professor, Pediatric Critical Care, Director, Center for Health and Technology, University of California, Davis Health, USA
- Heather Young, Ph.D., R.N., F.A.A.N., Professor and Dean Emerita, National Director, Betty Irene Moore Fellowship Program for Nurse Leaders and Innovators, USA

CONFERENCE KEY DATES

April 15, 2023

- Deadline for submission of abstracts for oral or posters presentation;
- Deadline for applying for grants for early researchers.

May 19, 2023

Notice on acceptance/rejection of abstracts for papers or poster presentations and grants for younger researchers.

June 19, 2023

Final version of abstracts for oral or poster presentation to be submitted to the e-mail: ttrninfo@berkeley.edu

August 11, 2023

Registration closes.

GRANTS FOR EARLY CAREER RESEARCHERS

Check back through the website for updates on potential scholarships.

PROCEEDINGS

All accepted abstracts will be published in the [Journal of the International Society for Telemedicine & eHealth](#).

REGISTRATION

The conference participation fee is \$150 USD. The fee includes conference participation over two days, catering services, a set of abstracts, and attendance at the receptions on both days. Attendance will be limited to 150 participants.

Registration is open starting **March 2023** at this [link](#).

Registration closes on **August 11, 2023**. The conference registration fee is nonrefundable after August 1, 2023. However, if the conference is cancelled due to COVID-19 restrictions your fee will be refunded. Please see the homepage for the cancellation policy.

If your abstract for oral or posters presentation has been accepted or you have received a grant (for early career researchers), you must register for the conference at this [link](#) on or before **August 1, 2023**.

Facts about the conference

Financial support for the conference has been provided by CITRIS and the Banatao Institute, University of California

Details on program

Details of the conference call for papers, program, abstracts of oral presentations and grants for early career researchers can be found at this [link](#).

Accommodation

Participants are responsible for making their own accommodation arrangements.

[Residence Inn Berkeley](#)

- UCB Rate is \$287/night (\$254 + 13.2% tax).

[The Bancroft Hotel](#) (located on Bancroft Avenue, south of SDH. (.6 miles from SDH, 10-15 min walk)

- Room rate is \$168.37 (\$149 + 13% tax/night)

[The Faculty Club](#) (TFC) (located on the campus, south of SDH. (.4 miles - 10 min. walk)

- Room rate is: \$195/night

Questions and Answers

For questions about the conference please contact:

- ttrninfo@berkeley.edu

TEMPLATE FOR ABSTRACT FOR ORAL OR POSTER PRESENTATION

An International Perspective on Building Technology Capacity in Health Care, Berkeley, August 22-23, 2023

Title (max 20 words)

Author's name and affiliation and contact info (example below)

Birthe Dinesen¹, MSc, PhD; Helle Spindler², MSc, PhD, email xxx:

¹Laboratory for Welfare Technology – Digital Health & Rehabilitation,
Sport Sciences - Performance and Technology, Department of Health
Science and Technology, Aalborg University, Denmark

²Department of Psychology and Behavioral Sciences, Aarhus University, Aarhus,
Denmark

*Please check this box if you are a student or if you received your degree within the
last 2 years.*

Abstract (max 300 words)

Background:

Objective:

Methods:

Results:

Conclusions: