

- 
- 9:00 Welcome and Opening  
Randy Hill (ICT) and Donna Spruijt-Metz
- 9:15 – 10:15 Panel: Technology and Data in Public Health  
Panelists: Karthik Murali, PhD; HTE@USC Digital Health Team), Manas Bhatnagar, MHS, Associate Director of Data Analytics, Department of Surger USC, and Sajjad Yacoub, MD; Assistant Dean for Technology and Innovation Keck School of Medicine Chief Medical Information Officer, Children’s Hospital Los Angeles.  
Moderator, Donna Spruijt-Metz, MFA PhD; Director, USC mHealth Collaboratory
- 10:15 – 10:30 Coffee
- 10:30 – 11:10 Keynote: Biases in self-reports: do they extend to real-time assessments?  
Arthur Stone, PhD
- 11:10 – 12:00 Technical Session: mHealth and Social Systems  
Kayla de la Haye, PhD.: Monitoring & Modeling Family Eating as a Complex Social System  
Shinyi Wu, PhD: Using Mobile Apps and Intergenerational Learning Support to Help Older Adults Improve Diabetes Self-management
- 12:00 – 1:00 Lunch
- 1:00 – 1:30 Ernesto Ramirez, PhD: Leveraging Consumer Wearables to Transform Behavioral Research
- 1:30 – 2:50 Symposium & Panel: Virtual Reality and Virtual Humans for Health  
Albert “Skip” Rizzo, Ph.D., Arno Hartholt, & Thomas “Brett” Talbot, M.D.  
Skip Rizzo: Is Clinical Virtual Reality Ready for Primetime?  
Arno Hartholt: Virtual Humans for Education and Health  
Brett Talbot: Technological Advances in Virtual Patients  
Panel with speakers, moderator Donna Spruijt-Metz, MFA PhD
- 2:50-3:05 Coffee
- 
- 3:05—4:00 Lightening talks: 3-minute presentations of posters and demos

- 4:00-4:45      Keynote: Field of Dreams of Reality: The Future of mHealth  
Wendy Nilsen, PhD, National Science Foundation, Program Officer of Smart and  
Connected Health Program
- 4:45 – 5:00      Closing: Randy Hall, PhD
- 5:00 – 6:30      Cocktails, posters and Demos

**Posters**

Jenny Lee, Kristin Mendenhall, Kenneth Hayashida MD, Danielle Moody, Sarah Ingersoll  
An Investigation of Tracking Technology in the Setting of an Established Exercise  
Program for Individuals with Parkinson Disease: Implementation Challenges

Marcelo R. Rosales BS, Tanya Tripathi BPT, DR(PT), PhD candidate, Stacey Dusing PhD. PT., & Beth A.  
Smith PhD. PT.  
Surveying caregivers about device use and infant position using a smartphone-based application:  
Response rates from a pilot study

Maggie Donovan  
Glia mental health

Simone Verhagen, Claudia J. P. Simons, Catherine van Zelst, Philippe A. E. G. Delespaul  
Constructing a reward-related Quality of Life function in daily life  
-a proof of concept study-

Kenan Li, Rima Habre, Huiyu Deng, Robert Urman, John Morrison, Frank Gilliland, Christine King, Anahita  
Hosseini, Lisa Valencia, Eleanne van Vliet, Majid Sarrafzadeh, Alex Bui, Jose-Luis Ambite, Sandrah P.  
Eckel  
Applying Multivariate Segmentation Methods to Human Activity Recognition from Wearable Sensors  
Data

Kenneth Hayashida, Sarah Ingersoll, Jenny Lee, Danielle Moody, Niquelle Brown Kristen Mendenhall,  
Dan Togasaki  
A Consumer Step-Tracking Wrist Sensor in an Established Exercise Program for Individuals with  
Parkinson's Disease

---

Joon-Ho Choi, Ph.D., LEED AP, PhD  
Human-Building Integration: Bio-Sensing Human-Centered Adaptive Environmental Controls in the Built  
Environment

Olivia Evanson, Shinyi Wu PhD

Comparison of Patient Satisfaction with Telehealth versus Automated Remote Monitoring for Comorbid Depression Care Management Among Low-Income Patients with Type 2 Diabetes: Results from a Comparative Effectiveness Trial

Tanachat Nilanon, Joanne Kao, Luciano Nocera, Jorge Nieva, Joan Broderick, Peter Kuhn, Cyrus Shahabi  
Towards Improving Clinical Outcomes of Cancer Patients with Objective Human Performance Assessments

Kristina Han, MA, OTR/L, Amy J. Chatfield, MLS, and Stacey Schepens Niemiec, PhD, OTR/L  
Mobile Health Interventions to Address Sedentary Activity in Older Adults

**Demos**

WeHealth

Aryan Sangwan, Ezra Yu

Glia mental health

Maggie Donovan

Fitabase

Ernesto Rodriguez

MedMind

Sonya Lui

Sensor Gateways on Autonomous Digital Networks Applied to Environmental Air Quality Monitoring

Kenneth Hayashida, MD; Gowri Sankar Ramachandran, PhD; Bhaskar Krishnamachari, PhD