

UTHealth & Rice University Aging in Place & IoT Collaboration Event
January 30, 2020 / 4:00 PM – 7:00 PM /UTHealth Cizik School of Nursing Auditorium

Agenda

4:00 – 4:30 PM – Arrival and Light Refreshments

Part I – Overview Presentations

4:30 – 4:50 PM -- Opening Remarks by Event Co-Chairs

Dr. Constance Johnson- Welcome and Introductions

Dr. Marcia O'Malley- ENRICH office and mission at TMC

Seed Grant Opportunity Announcement led by Drs. O'Malley and Johnson

Keynote speaker - Dr. Carmel Dyer, Professor, Geriatric and Palliative Medicine – Aging in Place

4:50 – 6:00 PM –Three Minute Presentations by Rice University, UTHealth and University of Houston Representatives

4:50 – 4:53 PM	Akane Sano , PhD, Assistant Professor and William Marsh Rice Trustee Chair, Electrical and Computer Engineering, Rice University	Multi-Modal Physiological and Behavioral Sensing, Modeling and Intervention for Health and Wellbeing
4:55 – 4:58 PM	Seema S. Aggarwal , PhD, RN, AGNP-C, Assistant Professor, Coordinator, Adult/Gero Primary Care Track, Research Department, UTHealth Cizik School of Nursing	Building a Smart Home for the Early Detection of Delirium
5:00 – 5:03 PM	Jerome Schultz , PhD, Distinguished Professor, Biomedical Engineering, University of Houston and Yadin David , EdD, PE, CCE, FAIMBE, FACCE, President and CEO of Biomedical Engineering Consultants	Outcome Optimization of Mobile Technologies for Home Use
5:05 – 5:08 PM	Luca Giancardo , PhD, Assistant Professor, UTHealth School of Biomedical Informatics	Psychomotor and Cognitive Impairment Detection Using Digital Device Interaction
5:10 – 5:13 PM	Yejin Kim , PhD, Assistant Professor, UTHealth School of Biomedical Informatics	Behavioral Pattern Recognition and Real Time Detection Using Machine Learning
5:15 – 5:18 PM	Rose T. Faghih , PhD, Assistant Professor of Electrical & Computer Engineering and Director of the Computational Medicine Laboratory, University of Houston	A Smartwatch-Brain Interface Architecture for Mental Health Regulation for Aging-in-Place
5:20 – 5:23 PM	Sabrina Pickens , PhD, MSN,GNP-BC, ANP-BC, Assistant Professor, Research Department, UTHealth Cizik School of Nursing	Assessing Frailty with Use of Wireless Sensors

5:25 – 5:28 PM	Ashok Veeraraghavan , PhD, Associate Professor, Electrical and Computer Engineering, Associate Professor, Computer Science, Rice University	Scalable Health
5:30 – 5:33 PM	Md. Rafiul Amin, Ph.D. student, Electrical Engineering, supervised by Dr. Rose Faghih at the Computational Medicine Laboratory, University of Houston	Smartwatch and Functional Near-Infrared Spectroscopy Data Analysis for Pain Relief in Smart Home Environments
5:35 – 5:38 PM	Marcia Brennan , PhD, Carolyn & Fred McManis Professor of Humanities; Professor of Religion and Art History, Department of Religion, Rice University	In Your Own Words: Literary Creativity and Humanistic Contributions to the Interdisciplinary Care Team
5:40 – 5:43 PM	Maryam Tabrizi , RDH, DMD, MPH, CFMP, Assistant Professor Geriatric Dentistry, UTHealth School of Dentistry	The Basic Oral Health Guidelines for the Elderly Aging in Place
5:45 – 5:48 PM	Jessica Lee , MD, MS, Assistant Professor, Geriatric and Palliative Medicine, UTHealth McGovern School of Medicine	Strength on Wheels: A Meal Delivery and Exercise Intervention for Homebound Older Adults
5:50 – 5:53 PM	Margaret Beier , PhD, Professor, Department of Psychological Sciences, Rice University	The Psychology of Aging: Changing Goals in Achievement and Social Domains
5:55 – 5:58 PM	Mahrokh Kobeissi , DNP, RN, FNP-C, Assistant Professor, Department of Graduate Studies, UTHealth Cizik School of Nursing	The Use of Virtual Reality (VR) as a Cure For Loneliness
6:00 – 6:03 PM	Amy Franklin , PhD, Associate Professor, Assistant Dean, UTHealth School of Biomedical Informatics	Aging Accessibility and Engagement
6:05 – 6:08 PM	Patricia DeLucia , PhD, Professor, Philip Kortum , PhD, Associate Professor, and Fred Oswald , PhD, Professor, Department of Psychological Sciences, Rice University	Aging in Place with Dementia: A Human Factors Approach to Assistive Technologies

Part II – Networking Session, Tour of Smart Apartment & Reception

6:08 – 7:00 PM