The University of Texas at Austin
CARE Cellular to Clinically Applied Rehabilitation Research and Engineering

Recent Progress in Soft, Wireless Wearables for Health Monitoring and Rehabilitation

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Advances in materials science, mechanical engineering and manufacturing systems establish the foundations for high performance classes of electronics technologies that have soft, flexible physical properties. The resulting devices can mount on the skin, at nearly any location across the body, to provide continuous, clinical-quality information on physiological status, with options in complex multi-haptic forms of user feedback.

This talk summarizes the key ideas and presents examples in wireless devices for (1) maternal, fetal, neonatal and pediatric health and clinical care, (2) data-driven approaches to neuromotor assessments and (3) monitoring and feedback methods in physical rehabilitation and prosthetic interfaces.

Friday, October 22, 2021 12:00 p.m. – 1:30 p.m.

UT Austin campus, NHB 1.720, Limited Seating

Hosted by Evan Wang, Ph.D.

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