Global Perspectives on Medicine, Rehabilitation and Robotics Webinar Series

October 15th, 2025, 5pm-6pm CAT, 11:00am-12:00pm EST

Technology-enhanced physical activity promotion for individuals with spinal cord injury.

Shivayogi V. Hiremath, PhD, Department of Health and Rehabilitation Sciences, Temple University
Shivayogi (Shiv) Hiremath is an Associate Professor in the Department of Health and Rehabilitation Sciences at Temple University and Director of the Personal Health Informatics and Rehabilitation Engineering (PHIRE) Lab. His research uses wearable sensors and smartphone technologies to study and promote health and physical activity among people with disabilities. Over the past decade, he has developed and tested mobile health–based adaptive interventions that provide real-time feedback to individuals with spinal cord injury, while also assessing health, activity, and functional outcomes across disability populations. His long-term goal is to improve quality of life for people with disabilities through personalized community-based interventions.

Laura A. Baehr, PT, DPT, PhD, Department of Physical Therapy and Rehabilitation Sciences, Drexel University
Laura A. Baehr is an Assistant Professor in the Department of Physical Therapy and Rehabilitation Sciences at Drexel University. Her clinical and research expertise are in community-based physical activity promotion for people with disabilities and chronic conditions across personal and environmental contexts. Laura uses mixed methodology and community-engaged research practices to center lived experience perspectives in the assessment of evidence-informed interventions and implementation strategies. Her work is currently funded by the Department of Defense and NIH/NIA Clin-STAR Network (U24AG065204).

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