

# PIONEERS IN BIOMEDICAL RESEARCH SEMINAR

Presented by the Fralin Biomedical Research Institute and co-sponsored by the research institute's Addiction Recovery Research Center and the Center for Health Behaviors Research



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## *The Application of Digital Health to Behavioral Health: State of the Science and Vision for the Future*

Advances in digital technologies and data analytics have created unparalleled opportunities to assess and modify health behavior and thus accelerate the ability of science to understand and contribute to improved health behavior and health outcomes. In this presentation, Dr. Marsch will review the state of the science and future opportunities in the application of digital health to behavioral health. She will provide an overview of digital therapeutics - treatments delivered via mobile platforms – as part of behavioral health care, including the role they can play in overcoming some of the striking disparities in treatment access and treatment quality evident in healthcare settings across the globe. She will additionally discuss the role of digital health in capturing the richness and granularity of behavior (via digital phenotyping), the confluence of factors that impact behavior in the moment, and the within-individual evolution of behavior over time. This line of research may contribute to discovery science by revealing digital markers of health/risk behavior as well as translational science by informing personalized and timely models of intervention delivery.

FRIDAY, MAY 28 at 11:00 a.m.

This seminar will be webcast live at [www.fbrl.vtc.vt.edu/events/live-webcast](http://www.fbrl.vtc.vt.edu/events/live-webcast) and via Zoom at <https://virginiatech.zoom.us/j/89562859250>



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