



**San Fernando Valley Section
Engineering in Medicine and
Biology Society Chapter**



PRESENTS

Alexa Williamson, B.S.
Vivonoetics, Inc.

Vivonoetics: Progressing Clinical Research with Wearable Technology

Wearable sensors have become ubiquitous in the world of fitness tracking and quantified self, but data from these devices is limited to basic analysis. Vivonoetics, with our software platform VivoSense, enables continuous data to be analyzed with accuracy and repeatability. VivoSense is a sensor agnostic software that combines multiple sensor data onto one analysis platform. Sensor data can be synced together, making data collection possibilities for academic and clinical research boundless. This presentation will give an overview of the VivoSense software, how it meets the needs of a universal physiological data analysis program and its built in algorithms that provide quality physiological end points for research.



Alexa Williamson, B.S. in Biomedical Engineering and Physiology, is a Data Analyst at Vivonoetics. She has over five years of research experience over three physiology-based laboratories within optical engineering, pharmacology and genetic research fields. She is trained in data analysis in respiratory inductance plethysmography and heart rate variability, and performs analysis for clinical trials research. She is passionate about the bridge between diagnostic technology and health care, and how the quality of these systems can improve to generate more predictable physiological metrics.

Thursday, October 20, 2016 6:00 p.m.

Light dinner will be served, presentation starts at 7 p.m.

Medtronic Diabetes

18000 Devonshire St
Northridge, CA 91325

Registration is required: <http://embs-williamson-2016.eventbrite.com>

Please register by October 19, 2016