

## **COLLOQUIUM SERIES**

## **Health Impacts of Circadian Disruption with Modification by Lifestyle Factors**



Affiliation: Research Assistant Professor, USC/CPCP Senior Research Scientist, Connecting Health Innovations, LLC

Michael D. Wirth, MSPH, PhD

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10 a.m. – 11:30 a.m.

Discovery 1 | Rm. 140 915 Greene Street

http://www.sph.sc.edu/epid bios/facultystaffdetails.php?ID=1012

I am currently a Research Assistant Professor in the Department of Epidemiology and Biostatistics, USC and am housed at the Cancer Prevention and Control Program. I also have an appointment with Connecting Health Innovations (CHI), LLC. Through CHI, I was awarded, as a Co-PI, an SBIR grant to develop mobile and web-based applications for use of the Dietary Inflammatory Index (DII) in clinical settings. My research primarily focuses on the effect of circadian disrupters (e.g., shiftwork, sleep disruption, clock gene polymorphisms, chronotype) on health and mental state. Additionally, I have recently focused on the multiplicative effect of circadian disrupters and other lifestyle factors (e.g., diet and physical activity) on health outcomes. My research also focuses on the use of a novel dietary tool known as the DII, which characterizes a person's diet on a scale from maximally anti- to pro-inflammatory.

