

## **Department of Family Practice**

### **September 2017 Research Development Rounds**



Dr. Morgan Price

***"Letting Users Lead: Using the Lead User Method to explore Design for Personal Medication Reconciliation and EMR based Medication Management and Medication Adherence"***

***Date:*** Wednesday, September 13, 2017

***Time:*** 0800 AM - 0900 AM

***Location:*** Department of Family Practice Boardroom, 3rd floor, 5950 University Blvd. or by GoToMeeting: <https://global.gotomeeting.com/join/517555973> or +(647)497-9391

#### **ABSTRACT**

*Errors of medication management is a major global problem in healthcare. There are many preventable errors that occur that can and do cause injury or even death. Technology can help, but can also cause unintended consequences. This presentation will provide a brief background into some of the challenges and then highlight two design research studies where user centred design methods have been applied to explore novel user experiences.*

*First, we explore potential options patient driven medication reconciliation inside a personal health record. This study used the lead user method as part of a small*

*design study to develop requirements for medication reconciliation for Alberta Health.*

*Second, we will look at the clinician experience and the re-design of a medication management module in primary care electronic medical records. This study also used the lead user method to co-create the designs with eight providers and synthesized the findings through a multidisciplinary design review.*

*Through these illustrative design research projects we will highlight our learnings and provide key directions for applying more design research in the health care system.*

## **Biography**

*Dr. Price, MD, PhD, CCFP, FCFP is an Associate Professor in the Department of Family Practice. He is a practicing family physician and researcher who previously worked as a leader and consultant to a range of regional, provincial and national health and health information systems programs. Prior to all of that, he did animation for television.*

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### **ACCREDITATION statement**

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