



**Centre for Health Education Scholarship  
(CHES)  
Research Rounds**



**Mark Your Calendars!** The Centre for Health Education Scholarship (CHES) is inviting you to Research Rounds with

**Dr. Karen Joughin**

**Date:** Wednesday, November 18th, 2009  
**Time:** 12:00pm to 1:30pm (Lunch will be served)  
**Venue:** Diamond Health Care Centre, room 2263  
*With Videoconference to IRC 305, MSB 107, NHSC 9-370*

**Topic:**  
***Explaining How and Why Errors Occur During  
Medical/Surgical Procedures***

**Abstract:**

Harmful errors during medical & surgical procedures are costly to patients, those providing care and our health care systems. Popular methods of adverse event analysis largely focus on identifying contributing factors, in the hope that by removing or modifying such factors the error may not recur. However, eliminating the identified factors may not be possible, practical or sufficient to prevent similar errors in the future. The mechanisms of effect of the factors are poorly understood. In this presentation, a novel approach to studying errors will be revealed. An analysis of the “work” of doing a procedure, and the constraints affecting what can and cannot be done and achieved, will be shown to provide a useful framework for explaining how and why errors occur. The application of the new framework in studying difficult and unintentionally harmful procedures will be demonstrated. Advantages of this approach in identifying error-prevention (and mitigation) strategies, including training strategies, will be discussed.

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This presentation is based on Dr. Joughin’s PhD work at the University of Queensland, Australia from 2003 – 2007.

Dr. Joughin also has a Master’s degree in medical education. She is a reconstructive plastic surgeon. She moved to Vancouver in the spring of 2009 to become the Assistant Dean, MD Undergraduate Program, VFMP at UBC.

Please join us.

Dr. Joanna Bates  
Director, Centre for Health Education Scholarship

*The Centre for Health Education Scholarship (CHES) is committed to **enhancing health education scholarship** by building capacity for educational scholarship across the Faculty of Medicine through collaboration, team-building, mentorship of new faculty, successful funding applications, and other activities.*