

Research *Rounds*

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CONTINUING PROFESSIONAL DEVELOPMENT
FACULTY OF MEDICINE

The Centre for Health Education Scholarship (CHES)
invites you to Research Rounds with:

Dr. Nicole N. Woods

Cognition before Curriculum: Insights on
basic science integration

Date: September 21, 2016

Time: 12:00pm to 1:30pm
(feel free to bring a bagged lunch)

Venue: Diamond Health Care Centre, room 2267

With videoconference to:

- IRC 305
- PHRM 3321
- MSB 107
- RJH CA 120
- KGH CAC 237
- NHSC 9-374
- Surrey Central City (Manning Rm 4109)

**Please be aware that this session will be recorded and made available online to CHES members on a password-protected site.*



Dr. Nicole N. Woods

Director, Centre for Ambulatory Care Education
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Education Scientist, The Wilson Centre
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ABSTRACT With calls for better integration of basic and clinical sciences at all levels of health professions education come various efforts at curricular reform. This includes significant changes to the overall structure of medical curricula – shifting a way from the 2 + 2 training model that once was the dominant North American model. Instead, educators and administrators are investing significant resources and energy into the creation of new curricular models intended to increase integration. In this presentation, I will discuss a framework for understanding the structure and function of basic science knowledge in health professions education. I argue that a focus on the mental representation of diagnostic categories, the structure of basic science and clinical knowledge therein, and how both forms of knowledge are used by experts and novices to solve clinical problems will result in greater educational gains than a focus on curricular structure.

ABOUT Dr. Nicole N. Woods, PhD, is Director of The Centre for Ambulatory Care Education (CACE), Faculty of Medicine, University of Toronto at Women’s College Hospital. Dr. Woods joined the University of Toronto in 2006 and leads a successful program of research in health professions education. Her work focuses on the role of biomedical knowledge in clinical reasoning and value of basic science training in the development of medical expertise. Applying principles of memory and learning to education in the health professions, her research explores 1) the design of instructional methods that integrate clinical knowledge and conceptual models of disease 2) the assessment of basic science knowledge and 3) understanding the changing role of biomedical knowledge throughout undergraduate, postgraduate and continuing education. Dr. Woods is currently Associate Professor in the Department of Family and Community Medicine and a Scientist at The Wilson Centre, Faculty of Medicine at University Health Network.

ACCREDITATION: As an organization accredited to sponsor continuing medical education for physicians by the Committee on Accreditation of Continuing Medical Education (CACME), the UBC Division of Continuing Professional Development designates this educational program as meeting the accreditation criteria of the College of Family Physicians of Canada for up to 1.5 Mainpro-M1 credits. This program has been reviewed and approved by UBC Division of Continuing Professional Development. Each physician should claim only those credits he/she actually spent in the activity.

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.