

**DR. GEOFF NORMAN**

**“A Cognitive Perspective on How People Learn: Implications for Teaching”**

---

Thursday, December 6, 2012

11:00-12:00

Turner Auditorium, Health Science Building

Room D-209

---



Dr. Norman is the Canada Research Chair in Cognitive Dimensions of Clinical Expertise and professor of clinical epidemiology and biostatistics at McMaster University in Hamilton, Ontario.

His primary research interest is in cognitive psychology applied to problems of learning and reasoning.

Internationally renowned medical education researcher Geoff Norman will review the literature concerning how people learn, as well as teaching strategies that optimize learning.

He will review findings from the psychology of learning in five domains: memory (learning and remembering), transfer (using old concepts to solve new problems), deliberate practice and its critical role in transfer, experiential knowledge as a component of expertise, and the role of general strategic skills (problem-solving, critical thinking, reflection, etc.). In each area, he will begin with examples, review the evidence, and then draw implications for more effective teaching.

Norman received a doctoral degree in nuclear physics from McMaster University in 1971, and a master's degree in educational psychology from Michigan State University in 1977. He is the author of 10 books in education, measurement and statistics, and 300 journal articles. He was elected a Fellow of the Royal Society of Canada in 2007. In 2008, he was awarded the prestigious Karolinska Prize for lifetime achievement in medical education research.