

Robert Hilsden, MSc, PhD, MD, FRCPC

Associate Professor, Division of Gastroenterology, Departments of Medicine and
Community Health Sciences
Director of Research, Forzani and MacPhail Colon Cancer Screening Centre,
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AI-HS Health Scholar

**RESEARCH INTERESTS AND ACTIVITIES**

Key Words: mass screening, colorectal cancer, health services research, biomarkers

Dr. Hilsden conducts clinical and health services research that focuses on population-based screening for colorectal cancer. Ongoing projects include outcomes of screening colonoscopy, improving population uptake of colorectal cancer screening, clinical trials of bowel preparations for colonoscopy and evaluation of novel non-invasive screening tests.

RESEARCH IN PROGRESS

<u>ROLE</u>	<u>FUNDING AGENCY</u>	<u>TITLE OF PROJECT</u>	<u>2010/11 ALLOCATION</u>
Principal Investigator	Phenomenome Discoveries Inc.	<i>Evaluation of a novel serum-based marker of colorectal cancer risk</i>	50,000
Local Principal Investigator	Canadian Institutes of Health Research	<i>CIHR team in population-based colorectal cancer screening</i>	150,000
	Exact Sciences Inc	<i>Multi-marker stool detection of colorectal neoplasia: Marker panel selection and technical development studies</i>	30,000
Co-Investigator	Alberta Cancer Foundation	<i>Colon Cancer Screening Centre biorepository infrastructure and equipment</i>	157,246

PUBLICATIONS**Peer-Reviewed Journal Articles**

McGregor S, **Hilsden RJ**, Yang H. Physician barriers to population-based, fecal occult blood test-based colorectal cancer screening programs for average-risk patients. *Canadian Journal of Gastroenterology* 2010;24(6):359-64.

Tinmouth J, Ritvo P, McGregor SE, Claus D, Pasut G, Myers RE, Guglietti C, Paszat LF, **Hilsden RJ**, Rabeneck L. A qualitative evaluation of strategies to increase colorectal cancer screening uptake. *Canadian Family Physician* 2011;57(1):e7-15.

Leddin DJ, Enns R, **Hilsden RJ**, Plourde V, Rabeneck L, Sadowski DC, Singh H. Canadian Association of Gastroenterology position statement on screening individuals at average risk for developing colorectal cancer: 2010. *Canadian Journal of Gastroenterology* 2010;24(12):705-14.

Sewitch MJ, Stein D, Joseph L, Bitton A, **Hilsden RJ**, Rabeneck L, Paszat L, Tinmouth J, Cooper MA. Comparing patient and endoscopist perceptions of the colonoscopy indication. *Canadian Journal of Gastroenterology* 2010;24(11):656-60.

Heitman SJ, Au F, Manns BJ, Pattison P, **Hilsden RJ**. Nonmedical costs of colorectal cancer screening using CT colonography. *Journal of the American College of Radiology* 2010;7(12):943-8.

Heitman SJ, **Hilsden RJ**, Au F, Dowden S, Manns BJ. Colorectal cancer screening for average-risk North Americans: an economic evaluation. *PLoS Medicine* 2010;7(11):e1000370.

Hilsden RJ, Verhoef MJ, Rasmussen H, Porcino A, DeBruyn JC. Use of complementary and alternative medicine by patients with inflammatory bowel disease. *Inflammatory Bowel Diseases* 2011;17(2):655-62.

Debruyn JC, **Hilsden RJ**, Fonseca K, Russell ML, Kaplan GG, Vanderkooi O, Wrobel I. Immunogenicity and safety of influenza vaccination in children with inflammatory bowel disease. *Inflammatory Bowel Diseases* 2011; April 6.

GRADUATE STUDENT SUPERVISION

Steven Heitman, MSc student, Department of Community Health Sciences (Co-Supervisor)
Thesis Topic: Economic evaluation of colorectal cancer screening for average risk individuals