

# CURRICULUM VITAE

Ross Edward Grant Upshur, BA(Hons), MA, MD, MSc

## A. DATE OF CURRICULUM VITAE

28 January 2010

## B. BIOGRAPHICAL INFORMATION

### Address

University of Toronto Joint Centre for Bioethics  
#754, 7<sup>th</sup> Floor, Health Sciences Building  
155 College Street  
Toronto, Ontario M5T 1P8  
CANADA  
Tel: 416-978-4756  
Fax: 416-978-1911  
E-mail: ross.upshur@gmail.com  
Website: www.jointcentreforbioethics.ca

### a. Degrees

1997	MSc	University of Toronto	Epidemiology
		Thesis: <i>Measuring the Impact of Influenza on Hospitalizations of the Elderly in Ontario</i>	
1986	MD	McMaster University	
1983	MA	Queen's University	Philosophy
		Thesis: <i>Prejudice and Understanding: A Study of Hans-Georg Gadamer's Philosophical Hermeneutics</i>	
1982	BA	University of Winnipeg	Philosophy (with Honours)

### Medical Licensure and Memberships

2005	Member, College of Family Physicians of Canada
1997	Fellow, Royal College of Physicians and Surgeons of Canada
1986	Registration to practice medicine in the Province of Ontario
1986	Licentiate of the Medical Council of Canada

### Post Graduate Medical Training

1993-97	Residency Program in Community Medicine, University of Toronto Chief Resident (June 1996 – January 1997)
1991	Geriatric Traineeship, McMaster University
1986-87	General Comprehensive Internship, Toronto Western Hospital

**b. Employment**

Current

Professor, Department of Family and Community Medicine, with Cross-Appointment to the Dalla Lana School of Public Health, University of Toronto (2009-)  
Full Member, Graduate Faculty, Centre for Environment, University of Toronto (2007-)  
Director, University of Toronto Joint Centre for Bioethics (2006-)  
Director, PAHO/WHO Collaborating Centre for Bioethics, University of Toronto (2006-)  
Adjunct Associate Professor, School of Geography and Earth Sciences, McMaster University (2006-)  
Affiliate Member, Institute of History and Philosophy of Science and Technology, University of Toronto (2005-)  
Secondary Mentor, Health Care, Technology, and Place Program, University of Toronto (2005-)  
Adjunct Scientist, Institute of Clinical Evaluative Sciences, University of Toronto (2003-)  
Director, Primary Care Research Unit, Sunnybrook Health Sciences Centre (2000-)  
Staff Physician, Department of Family and Community Medicine, Sunnybrook Health Sciences Centre (1998-)

Previous

Associate Professor, Department of Family and Community Medicine, with Cross-Appointment to the Dalla Lana School of Public Health, University of Toronto (2004-09)  
Assistant Professor, Department of Family and Community Medicine, with Cross-Appointment to the Department of Public Health Sciences, University of Toronto (1998-2004)  
Adjunct Assistant Professor, School of Geography and Geology, McMaster University (1997-2003)  
Research Fellow in Environmental Health, Institute of Environment and Health, McMaster University (1997-98)  
Consultant, Tuberculosis Control Program, East York Health Unit, East York, Ontario (1997-98)  
Primary Care Physician, East York Medical Centre, East York, Ontario (1994-98)  
General Practice in Southern Ontario. Practice in rural practice group. Duties included: office practice, emergency room coverage, in-patient hospital care, nursing home care, and obstetrical practice (1987-91) (1987-93)

**c. Honours**

Canada Research Chair in Primary Care Research (2005)  
Visiting Professor, Department of Family and Community Medicine, University of Manitoba (2003)

University of Toronto

Department of Family and Community Medicine Academic Family Physician of the Year (2008)  
John Hastings Award for Excellence in Service to the University and the Community, Department of Public Health Sciences (2008)

Department of Family and Community Medicine Award for Research Excellence (2007, awarded in 2008)  
Department of Family and Community Medicine Award for 'Excellence in Leadership' (2007)  
Department of Family and Community Medicine Award for Excellence in Teaching (2003)  
Research Scholar, Department of Family and Community Medicine (2002)  
Department of Family and Community Medicine Award for Excellence in Research (2001)  
Department of Family and Community Medicine Award for Excellence in Post-Graduate Teaching (2000)  
Research Scholar, Department of Family and Community Medicine (1999)  
CP Shah Award for best field research report by a community medicine resident (1997)  
1<sup>st</sup> Prize in Poster Competition, Community Health Research Day (1997)

#### Queen's University

R. Samuel McLaughlin Fellowship (1982)  
Ontario Graduate Scholarship (1982)  
A.R.C. Duncan Award for Excellence in Tutoring (1982)

#### University of Winnipeg

The University Gold Medal in Philosophy (Honours Course) (1982)  
Student of Highest Distinction (1981)  
University of Winnipeg Board of Regents General Proficiency Scholarship (1981)  
The Professor Philip Wright Memorial Prize in Plato (1981)  
Student of Highest Distinction (1980)  
University of Winnipeg Board of Regents General Proficiency Scholarship (1980)  
Sydney Gallis Memorial Scholarship in Philosophy (1980)  
Peal Goodridge Prize in Political Philosophy (1979)

#### **d. Professional Affiliations and Activities**

##### Board of Governors

Board Member, Dignitas International (2003-)

##### International Advisory Boards

Chair of Network, World Health Organization Collaborating Centres for Bioethics (2009-)  
Member, Advisory Panel, Scidev.net Research Ethics Panel (2002-)  
Member, Ethics Review Board, Médecins Sans Frontières International (2001-)

##### National Advisory Boards

Member, Interim Ethics Advisory Committee, Public Health Agency of Canada (2009-)  
Member, Advisory Board, Institute of Aging, Canadian Institutes of Health Research (2009-)  
Member, Expert Panel on End-of-Life Decision making, Royal Society of Canada (2009-)  
Member, Chief Public Health Officer of Canada's H1N1 Flu Virus (Human Swine Flu) Science Advisory Committee (2009-)  
Member, Protecting Health Care Workers In a Pandemic Expert Task Force, Critical Care Canada Forum (2009)  
Member, Canadian Pandemic Preparedness Task Force (2008-)  
Member, Pandemic Preparedness Strategic Research Initiative (PPSRI), Institute of Infection and Immunity, Canadian Institutes of Health Research (2006-)

### Other Advisory Boards

Member, Advisory Board, Religion and the Public Sphere (2007-)

### Journal Editorial and Advisory Boards

Member, Editorial Board, *Journal of Public Health* (2007-)

Member, Editorial Board, *PLoS ONE* (2007-)

Member, Editorial Board, *Public Health Ethics* (2007-)

Member, Editorial Board, *BioMedCentral Health Services Research* (2005-)

Member, Editorial Board, *Journal of Negative Results in Biomedicine* (2005-)

Member, Editorial Board, *Journal of Evaluation in Clinical Practice* (1997-)

### Peer Review

Peer Review, *BioMedCentral Medical Ethics* (2005-)

Peer Review, *BioMedCentral Family Practice* (2005-)

Peer Review, *Bulletin of the World Health Organization* (2003-)

Peer Review, *British Medical Journal* (2002-)

Peer Review, *Canadian Family Physician* (2002-)

Peer Review, *Journal of General Internal Medicine* (2002-)

Peer Review, *Canadian Journal of Public Health* (2002-)

Peer Review, *Social Sciences & Medicine* (2002-)

Peer Review, Proceedings of the National Academy of Sciences (2002)

Peer Review, *Canadian Medical Association Journal* (2001-)

Peer Review, *Teaching and Learning in Medicine* (2000-)

Peer Review, Physicians' Services Incorporated (PSI) (2001)

Peer Review, Donner Foundation (1999)

### Previous

Expert Advisor, Review of Rabies Bat Prophylaxis Guidelines National Advisory Committee on Immunization (NACI) for Public Health Agency of Canada (PHAC) (2008)

Member, Program Subcommittee, Canadian Pandemic Preparedness Meeting (2008)

Member, Steering Committee, National Roundtable on Public Health Ethics (2007)

Member, Scientific Committee, International Association of Bioethics 9<sup>th</sup> World Congress (2007-08)

Consultant, World Health Organization, Addressing Ethical Issues in Influenza Pandemic Planning, Working Group and paper discussion "Role and obligations of healthcare workers during a pandemic influenza outbreak" (2006)

Member, International Advisory Board, *Indian Journal of Medical Ethics* (2005-09)

Member, Review Panel, Health Ethics, Law, and Humanities, Canadian Institutes of Health Research (2001-04)

Member, Ad Hoc Committee on Health Information Privacy, Canadian Institutes of Health Research (2000-02)

Co-Chair, Infection Control Working Group, Canadian Pandemic Influenza Planning Committee (2000-01)

Member, Expert Advisory Panel on Health Risks of Toxigenic Moulds, Ontario Ministry of Health (1999)

Member, Scientific Advisory Committee, Aral Sea Research Project, Médecins Sans Frontières International Uzbekistan (1998-2003)

Member, Scientific Advisory Board, Community Research Initiative of Toronto (1998-2002)

Member, Organizing Committee, Canadian Bioethics Society Annual Meeting (1998)  
Member, Provincial Advisory Committee, Public Health Research and Education, Evidence-based Work Group on Effectiveness of Mandatory Programs and Services Guidelines (1998)  
Member, Science Advisory Board, International Joint Commission (1997-2003)  
Member, Workgroup on Ecosystem Health, Great Lake's Science Advisory Board (1997-2003)  
Member, Environment and Cancer Working Group, McMaster University (1997-98)  
Member, Community Medicine Residency Committee, McMaster University (1997-98)  
Member, Advisory Committee, Institute of Environment and Health, McMaster University (1997-98)  
Member, Expert Advisory Panel on Health Risks of Toxigenic Moulds, Ontario Ministry of Health (1997)  
Member, Bioethics Project, Royal College of Physicians and Surgeons of Canada (1995-97)

### **University Committees**

#### Current

##### University of Toronto

University Representative, Review Committee, External Review of The Centre for eHealth Innovation at the University Health Network (2009)  
Member, Executive Council, Centre for Faculty Development, Faculty of Medicine (2009-)  
Dean's Assessor, Advisory Committee for the Department of Family and Community Medicine Associate Director of Research (2009-)  
Member, Advisory Board, Religion in the Public Sphere Initiative, Centre for the Study of Religion (2007-)  
Member, Research Ethics Policy and Advisory Committee (REPAC) (formerly Committee on Human Subjects in Research (CHSR) (2007-)  
Member, Dean's Advisory Committee for Research, Faculty of Medicine (2007-)  
Member, Research Ethics Committee (limited term), Toronto Academic Health Science Network (TAHSN) (2007-)  
Chair, Ethics Review Board, Determinants of Community Health (DOCH II) (2003-)  
Chair, Strategic Forum, Joint Centre for Bioethics (2006-)  
Member, Strategic Forum, Joint Centre for Bioethics (2002-)  
Adjudicator, Medical Student Research Day (2002-)  
Member, Public Health Ethics Interest Group (2000-)  
Member, Executive Committee, Master's of Health Science in Bioethics (MHSc) (1999-)  
Member, Joint Centre for Bioethics (1998-)  
Associate Member, School of Graduate Studies (1998-)  
Member, Expert Advisory Committee on Infection Control (1996-)

##### McMaster University

Associate Member, Institute of Environment and Health (1998-)

#### Previous

Member, Search Committee, Associate Dean, Equity & Professionalism, Faculty of Medicine, University of Toronto (2007)  
Conference Co-Chair, Centre for International Health, University of Toronto (2004)  
Advisory Committee, Centre for International Health, University of Toronto (2003)

Member, Search Committee, Research Director, Department of Family and Community Medicine, University of Toronto (2002)  
Member, Organizing Committee, International Symposium on Public Health Ethics (2002)  
Adjudicator, CP Shah Award (1999-2001)  
Member, Advisory Committee, Collaborative Program in Bioethics, University of Toronto Joint Centre for Bioethics (1999-2000)

### **Hospital Committees**

Member, Ethics Strategic Advisory Group, Sunnybrook Health Sciences Centre (2009-)  
Co-Chair, Research and Innovation Advisory Board, Collaboratory for Research and Innovation in Complex, Chronic Disease (CRICCD) (2008-)  
Member, Collaboratory for Research and Innovation in Complex, Chronic Disease (CRICCD) (2008-) (this is a collaboratory with members from Bridgepoint Health, Sunnybrook Health Sciences Centre, and University Health Network)  
Member, Hospital Ethics Committee, Sunnybrook Health Sciences Centre (1998-2004)

## **3. ACADEMIC HISTORY**

### **a. Research Endeavours**

1. **Evidence-based Medicine:** Work in this area provided the basis for a successful Canadian Institutes of Health Research New Investigator Award, and has been the basis of a subsequent research programme that has successfully combined conceptual and empirical research. This research has now led to the publication of several published peer reviewed papers (in journals such as *Lancet* and the *Canadian Medical Association Journal*), book chapters, a web page, and self-instruction course.
2. **Primary Care Research:** On the clinical front, I have been involved in the application of our evidence framework to understand high priority and common medical conditions that affect primary care practice. The initial focus is on the use of anticoagulation in primary care. We have had a comprehensive project looking at how anticoagulation is managed in our clinical practice and this has resulted in three peer reviewed publications and the submission of a fourth. What our research has shown is that anticoagulation can be managed equally well in primary care as in specialized anticoagulation clinics. Additionally, I have been active in training resident physicians and community based physicians in research methods and project management, providing methodological support and mentorship for emerging research networks. In collaboration with colleagues we have established a primary care research focus in Canada's largest health services research institute, and are currently compiling the first primary care health services atlas.
3. **Time Series Project:** My work in population-based epidemiology and time series commenced with the paper, "Time series analysis of the relationship between circulating influenza virus and hospital admissions of the elderly in Ontario." This has led to a multidisciplinary research programme in time series methodology in association with the Institute of Clinical Evaluative Sciences and my collaborators Drs. Muhammad Mamdani, Eric Crighton, and Rahim Moineddin. We have been successful in obtaining funds from the Canadian Institutes for Health Research for a time series project. Several manuscripts of ours have been published on time series and a refined methodology and a substantial number of analyses on major health problems will be carried out in the next year or so. We believe that we have created a generalized method for temporal assessment of health service data. We are

extending this methodology to spatial and spatio-temporal analysis and forecasting and predictive models with health services data. This methodology will be extended to primary care service delivery in the province of Ontario.

4. **Bioethics:** I have been actively involved in bioethics research with a specific interest in infectious disease and public health ethics. I have published a highly accessed paper on hepatitis B infected clinicians and recently had accepted for publication two papers on ethical issues raised by SARS, one in the *British Medical Journal* and one in the *Canadian Journal of Anesthesia*. This along with the paper written on public health ethics has helped to break new ground in the understanding of public health ethics and infectious diseases.
  
5. **Environmental health research:** An unpublished report for Médecins Sans Frontières I wrote in 1998 has set the framework for a comprehensive multidisciplinary research project investigating the impacts of the disappearance of the Aral Sea on the health of the population of Karakalpakstan. The Aral Sea crisis has been described as one of the greatest environmental disasters of the 20<sup>th</sup> century. The research framework that I have set up involves community collaboration, consideration for psychosocial health as well as the evaluation and completion of environmental pathways to assess the exposure and impact of various environmental hazards such as pesticides and contaminated water. Although I have been involved in only two publications looking at the psychosocial impacts, my work has been instrumental in looking at the relationship of the dust impact on health of children, on the food chain contamination with dioxins, and this work has been instrumental in a consortium of researchers from McMaster University and the University of Toronto signing a memorandum of understanding with Médecins Sans Frontières to assume control of operational research programme in the Aral Sea. The collaboration will continue into the future and marks one of my future directions for research.

**b. Research Awards**

Career Awards

Period	Granting Agency	Title of Grant	Amount
2000-05	Canadian Institutes of Health Research	New Investigator Award	\$301,000
2005-10	Canadian Institutes of Health Research	Tier 2 Canada Research Chair in Primary Care Research	\$500,000

Research Grants

Period	Granting Agency	Title of Grant	Amount	Role
1997-98	University of Toronto Joint Centre for Bioethics	Development of an evaluation framework	\$12,000	Principal Investigator
1997-98	Hamilton-Wentworth Department of Public Health	The epidemiology of complaints	\$10,000	Principal Investigator
1998	Hepatitis C Society of Canada	Consultation regarding epidemiological assessment of the number of persons infected with hepatitis C from blood transfusions in Canada	\$1,000	Principal Investigator
1998	University of Toronto Joint Centre for Bioethics	Development of proposal for Master's of Health Science degree in Bioethics	\$4,000	Principal Investigator

1998-99	HEALNet	Position paper on the nature and structure of evidence	\$2,000	Principal Investigator
1998-99	HEALNet	Systematic review and development of a taxonomy on the structure and nature of evidence	\$76,100	Principal Investigator
1998-99	Firestone Regional Chest & Allergy Unit Block Term Grant	Survey of Canadian, Ugandan & Indian Medical Students' Knowledge and Attitudes of Tuberculosis	\$2,500	Principal Investigator
1999-00	Physicians' Services Incorporated Foundation (PSI)	Patient information leaflets: A randomized comparison of patient information models	\$2,670	Collaborator (Resident project with Shawn Whatley)
1999-01	HEALNet	CD-ROM and World Wide Web based applications of the evidence taxonomy	\$23,212	Principal Investigator
1999-01	HEALNet	Prevalence of contrary to evidence decisions in primary health care and health care managers	\$19,050	Principal Investigator
2000-01	Physicians' Services Incorporated Foundation (PSI)	The plot thins: anticoagulation barriers to primary care	\$15,720	Collaborator (Resident project with Lance Ceresne)
2000-01	Cancer Care Ontario	Policy analysis of informed consent issues in Pap smear registry	\$18,000	Principal Investigator
2000-02	SAMCOR Trust	Qualitative study of perceptions of anticoagulation: A concordance study of patients, nurses and physicians	\$7,000	Principal Investigator
2000-04	Fogarty International Center, US National Institutes of Health	MHSc in International Bioethics	USD\$1,200,000	Collaborator (PI: Peter Singer)
2001-02	Connaught Fund, University of Toronto	Connaught International Symposium on Public Health Ethics	\$5,000	Principal Investigator
2001-06	Canadian Institutes of Health Research (Part of Integrated Health Research Team led by Mark Loeb)	Respiratory infections in older adults: An interdisciplinary approach	\$68,000	Principal Investigator
2002	HEALNet	Prevalence of contrary to evidence decisions in primary care providers and managers/CD-ROM and web based application of the evidence taxonomy	\$3,000	Supervisor (Support for student Erica Zarcovitch)
2002	HEALNet	Prevalence of contrary to evidence decisions in primary care providers and managers/CD-ROM and web based application of the evidence taxonomy	\$4,000	Supervisor (Support for student Errol Colak)
2002-03	Canadian Health Services Research Foundation (CHSRF)	Would communication improve prescribing for seniors?	\$66,910	Co-Investigator (PI: Liisa Jaakimainen)
2002-03	Canadian Institutes of Health Research	Public health ethics: Towards a research agenda	\$5,000	Principal Investigator

2002-03	Health Canada – Knowledge development & exchange applied research initiative	The Health Care Information Directive	\$71,277	Principal Investigator
2002-03	Physicians' Services Incorporated Foundation (PSI)	Patient perspectives on oral vitamin B <sub>12</sub> therapy in the primary care setting	\$6,100	Principal Investigator (Resident project with J. Kwong and D. Carr)
2002-04	Canadian Institutes of Health Research	The Time Series Project	\$145,000	Principal Investigator
2002-04	HEALNet	Implementing privacy and confidentiality in health networks	\$25,000	Principal Investigator
2002-04	University of Toronto Joint Centre for Bioethics	Project Examining Effectiveness of Clinical Ethics	\$65,000	Principal Investigator
2003-04	Canadian Institutes of Health Research	Fellowship Award	\$41,500	Co-supervisor for recipient (Stephanie Nixon)
2003-04	Canadian Network for Vaccines and Immunotherapeutics (CANVAC)	A bioethical analysis of vaccine preparedness, testing and delivery	\$27,000	Principal Investigator
2003-06	Canada Graduate Scholarship	Doctoral Award	\$105,000	Supervisor for recipient (Robin Hayeems)
2003-07	Canadian Institutes of Health Research Fellowship Award	The Ethics of Evidence-Based Psychiatry: a conceptual and qualitative study	\$204,000	Supervisor for recipient (Mona Gupta)
2004-05	Canadian Breast Cancer Foundation	Lessons in epidemiology and genetics of adult cancers from youth: Pilot studies in Ontario	\$95,345	Collaborator (Co-PIs: Glen Glendon and Paul Ritvo)
2004-05	City of Toronto Department of Public Health	SARS quarantine evaluation/ community transmission	\$60,000	Principal Investigator
2004-05	Canada-US Fulbright Grant, Canada-US Fulbright Program	SARS – A Prelude of What's To Come: A Study & Analysis of Toronto's Experience	USD\$15,000	Supervisor for recipient (Marian Adly)
2004-06	Primary Health Care Transition Fund	Primary Health Care in Ontario: A practice Atlas	\$750,000	Co-Principal Investigator
2004-06	Association for Surgical Education	The Formal and Informal Curriculum in Surgical Residency Bioethics Education	\$48,920	Co-Principal Investigator
2004-06	Canadian Institutes of Health Research	Ethical challenges in preparedness and response for SARS: an interdisciplinary research study	\$198,000	Co-Principal Investigator (Co-PI: Abdallah Daar)
2004-06	Canadian Institutes of Health Research	Authorization and genetic data bases	\$79,000	Principal Investigator
2004-06	Canadian Institutes of Health Research	Evaluating interventions to improve priority setting	\$154,760	Co-Investigator (PI: Douglas Martin)
2004-06	Association for Surgical Education Foundation (CESERT Grant)	Formal and informal curriculum in surgical residency bioethics education	\$48,920	Co-Applicant
2004-06	Canadian Institutes of Health Research	Collection, use and disclosure of personal health information: The Health Care Information Directive applied to genetics	\$75,104	Principal Investigator

2004-07	Canadian Institutes of Health Research	A study to assess the utility of a web based template to enhance research ethics review	\$321,303	Co-Investigator (PI: Heather Sampson)
2004-07	Canadian Institutes of Health Research	Evaluating priority setting methods	\$150,000	Co-Principal Investigator (Co-PI: Douglas Martin)
2004-08	Fogarty International Center, US National Institutes of Health	MHSc in Bioethics International Stream	USD\$1,000,000	Co-Principal Investigator
2005 (01/05–12/05)	Health Canada	Influenza Immunization Program Evaluation Study: Effectiveness of Ontario's universal influenza immunization program (UIIP) on influenza-related health care	\$199,932	Co-Principal Investigator
2005 (04/05–08/05)	Bill and Melinda Gates Foundation	Summary report of ethical, social, and cultural issues arising in the Grand Challenges for Global Health	\$208,960	Co-investigator (PI: Peter Singer)
2005-07	The Change Foundation	Web-based interface for persons with chronic kidney disease	\$100,000	Co-investigator
2005-08	Canadian Institutes of Health Research	Addressing gender differences in colorectal cancer screening	\$206,260	Co-Applicant
2005-10	Bill and Melinda Gates Foundation	Addressing ethical, social, and cultural issues related to the Grand Challenges in Global Health	\$11,648,000 (USD\$10,000,000)	Co-investigator (PI: Peter Singer)
2006-08	Physicians' Services Incorporated Foundation (PSI)	The management of chronic disease in primary care: A multi-methods investigation	\$150,500	Principal Investigator
2006-07	Canadian Institutes of Health Research	Health Care, Technology & Place Fellowship Award	\$16,000	Second mentor for recipient (Maya Goldenberg)
2006-09	Canadian Institutes of Health Research	Fellowship Award	\$135,000	Co-supervisor for recipient (Edward Mills)
2006-09	Canadian Institutes of Health Research	Evaluation of Ontario's Universal Influenza Immunization Program (UIIP Phase II)	\$1,091,729	Co-investigator (Co-PIs: Jeff Kwong and Doug Manuel)
2007	Canadian Institutes of Health Research	IGH Fellowship	\$40,000	Second mentor for recipient (Maya Goldenberg)
2007-08	Canadian Institutes of Health Research	Health Care, Technology & Place Fellowship Award	\$15,000	Supervisor for recipient (Erica Sutton)
2007-08	Canadian Institutes of Health Research	APOGEE-Net Doctoral Training Award in Health Policy & Genetics	\$25,000 (only able to accept \$10,500)	Supervisor for recipient (Erica Sutton)
2007-08	Canadian Institutes of Health Research – Master's Award	Organ Transplantation Ethics	\$17,500	Thesis committee member for recipient (Kelley Ross)

2007-08	Canadian Institutes of Health Research Strategic Research and Training Initiative – Health Care Technology and Place	Localization and democratization of Clinical Practice Guidelines: From universal standards to collective judgment	\$12,500	Secondary mentor for recipient (Loes Knaapen)
2007-08	Canadian Institutes of Health Research	Examining the impact of primary care reform in Ontario on access to and quality of care (#172884)	\$100,000	Co-Applicant (PI: Rick Glazier)
2007-08	Canadian Institutes of Health Research Seed Grant: Knowledge Exchange in Population and Public Health	Environment, Risk, and Vulnerability Workshop: Towards a Canadian Agenda for Health and Social Equity	\$20,000	Co-Investigator (PI: Kenneth Newbold)
2007-09	Canadian Institutes of Health Research	Ethics and pandemic planning: Engaging the voices of the public	\$75,000	Principal Investigator
2007-09	Canadian Institutes of Health Research	Evaluating the need for potential design of a no-fault compensation program for immunization related injuries	\$145,274	Co-investigator (Co-PIs: J. Keelan and K. Wilson)
2007-10	Canadian Institutes of Health Research	Institute of Genetics Doctoral Research Award	\$66,000	Supervisor for recipient (Erica Sutton)
2007-10	Canadian Institutes of Health Research Team Grant – Ethical, Legal and Social Issues	Canadian network for the governance of ethical health research involving humans: Evidence, accountability and practice	\$203,472	Co-investigator (PI: Michael F. McDonald)
2008-12	Canadian Institutes of Health Research	Examining the impact of primary care reform in Ontario on access to and quality of care (#177411)	\$716,724	Co-Applicant (PI: Rick Glazier)
2008-09	Ministry of Health and Long-Term Care (Drug Innovation Fund)	Providing Evidence On The Impact Of Medication On Chronic Obstructive Pulmonary Disease Outcomes	\$100,000	Co-Investigator (PI: Andrea Gershon)
2008-09	Canadian Institutes of Health Research Strategic Training Doctoral Fellowship in Health Care, Technology, and Place	The Ethical Implications of Ontario's expanded newborn screening program	\$12,000	Primary Mentor for recipient (Erica Sutton)
2008-09	Canadian Institutes of Health Research Strategic Training Doctoral Fellowship in Health Care, Technology, and Place	Localization and Democratization of Clinical Practice Guidelines	\$12,000	Adjunct Mentor for recipient (Anne-Loes Knaapen)
2008-11	Canadian Institutes of Health Research – Fellowship Award in the Area of Public Health	Ethical Analysis in Public Health Practice: A Multi-Sectoral, Mixed-Methods Study	\$165,000	Supervisor for recipient (Barry N. Pakes)
2008-11	Canadian Institutes of Health Research	Canadian Program of Research on Ethics in a Pandemic (CanPREP): Whose risks, whose duties, and what priorities?	\$1,499,776	Principal Investigator
2008-12	Canadian Institutes of Health Research Fellowship	The conceptual structure of palliative care ethics in Canada	\$220,000 (\$200,000 award plus \$20,000 research stipend)	Supervisor for recipient (Victor Cellarius)
2008	Social Sciences and Humanities Research Council – “Situating Science” Knowledge Cluster	Critical Debates in Evidence-Based Medicine: Where we've been and where we're going	\$10,000	Co-Investigator (PI: Maya Goldenberg)

2008	Connaught Fund	Critical Debates in Evidence-Based Medicine: Where we've been and where we're going	\$9,000	Co-applicant (PI: Maya Goldenberg)
2008-09	Canadian Institutes of Health Research	Critical Debates in Evidence-Based Medicine: Where we've been and where we're going	\$5,000	Co-Investigator (PI: Maya Goldenberg)
2008 (Aug-Nov)	Canadian Institutes of Health Research, Strategic Planning Program in Health Research (Letter of Intent)	A Strategic Training Program in Public Health Policy	\$4,990.22	Co-Applicant (Co-Principal Applicants: Joanna Cohen and Robert Schwartz)
2008-12	Fogarty International Center, US National Institutes of Health	University of Toronto Joint Centre for Bioethics MHSc in Bioethics, International Stream	US\$1,053,432	Principal Investigator
2008-13	National Cancer Institute of Canada	Centre for Health Economics, Services, Policy and Ethics Research in Cancer Control	\$3,585,696	Co-Applicant (PI: Stuart Peacock)
2008-09	Canadian Institutes of Health Research – Meetings, Planning and Dissemination Grant: Global Health Research (IPPH)	WHO Collaborating Centres in Bioethics Research Planning Meeting	\$12,500	Co-Investigator (PI: Jennifer Gibson)
2008-09	Canadian Institutes of Health Research – Meetings, Planning and Dissemination Grant: International	WHO Collaborating Centres in Bioethics Research Planning Meeting	\$12,500	Co-Investigator (PI: Jennifer Gibson)
2009-11	Canadian Institutes of Health Research – Catalyst Grant Ethics (New Investigator and Mid-Career Investigator Transitioning into Ethics)	Evaluating the Effectiveness of Hospital-Based Ethics Programs: A Pilot Study to Identify Key Benchmark, Indicators, and Success Factors	\$99,839	Co-Investigator (PI: Jennifer Gibson)
2009-12	Canadian Institutes of Health Research Frederick Banting and Charles Best Canada Graduate Scholarship (CGS) Doctoral Award	Lest We Forget: Incorporating the Needs of the Mentally Ill and the Homeless in Pandemic Influenza Preparedness Plans	\$105,000 (\$90,000 plus \$15,000 for research)	Supervisor for recipient (Diego Silva)
2009-12	Ontario Ministry of Health and Long-Term Care Drug Innovation Fund	Respiratory Research Response Program: Providing Evidence to Support Chronic Obstructive Pulmonary Disease Policy	\$641,824	Co-Investigator 9PI: Andrea Gershon)
2009-14	Canadian Institutes of Health Research	CIHR Centre in HIV Prevention Social Research	\$2,500,000	Collaborator (PIs: Liviana Calzavara, Alix Adrien, Grace Getty, Gaston Godin, Ted Myers, Mark Tyndall, Catherine Worthington)
2009-15	Canadian institutes of Health Research, Strategic Training Initiative in Health Research, Training Grant	A Strategic Training Program in Public Health Policy: Determinants, Analysis, and Impacts	\$1,784,790	Co-Investigator (Co-PIs: Joanna Cohen and Robert Schwartz)

2009-15	Canadian Institutes of Health Research, Strategic Training Initiative in Health Research, Training Grant	CIHR Training Grant in Health Law, Ethics, and Policy	\$1,950,000	Co-Investigator (Co-PIs: Colleen Flood, Timothy Caulfield, Robert Kouri, William Lahey, and Trudo Lemmens)
2009-15	Canadian Institutes of Health Research	Health Care, Technology and Place: A Strategic Training Initiative	\$1,950,000	Co-Investigator (PI: Peter C. Coyte)

c. **Patents Awarded**

None

4. **PUBLICATIONS**

***NB: Publications in blue font indicate link to online version of paper.***

Five most significant papers since last promotion

1. Jaakkimainen L, **Upshur REG**, Schultz SE, Maaten S, eds. *Primary Care in Ontario. ICES Atlas*. Toronto: Institute for Clinical Evaluative Sciences, 2006, 250 pp. Please note: This link is to the entire booklet and it is a large file (over 10 MB). To access individual chapters as PDF documents, please click [here](#).
2. **Upshur REG**, Faith K, Gibson JL, Thompson AK, Tracy CS, Wilson K, Singer PA. Stand On Guard for Thee: Ethical considerations in preparedness planning for pandemic influenza. A report of the University of Toronto Joint Centre for Bioethics Pandemic Influenza Working Group. November 2005, 29 pp.
3. **Upshur RE**. Looking for rules in a world of exceptions: reflections on evidence-based practice. *Perspectives in Biology and Medicine* 2005; 48: 477-89.
4. Singh JA, **Upshur R**, Padayatchi N. XDR-TB in South Africa: No Time for Denial Of Complacency. *PLoS Medicine* 2007; 4: e50.
5. **Upshur RE**, Moineddin R, Crighton E, Kiefer L, Mamdani M. Simplicity within complexity: seasonality and predictability of hospital admissions in the province of Ontario 1988-2001, a population-based analysis. *BioMedCentral Health Services Research* 2005; 5: 13.

Peer Review Publications

1. **Upshur R**. Certainty, probability and abduction: why we should look to C.S. Peirce rather than Godel for a theory of clinical reasoning. *Journal of Evaluation in Clinical Practice* 1997; 3: 201-6.

2. **Upshur REG**, Deadman L, Howorth P, Shortt L. The effect of tuberculosis and tuberculosis contact tracing on school function: an exploratory focus group study. *Canadian Journal of Public Health* 1999; 90: 389-91.
3. **Upshur REG**. Priors and prejudice. *Theoretical Medicine and Bioethics* 1999; 20: 319-27.
4. **Upshur REG**, Knight K, Goel V. Time-series analysis of the relation between influenza virus and hospital admissions of the elderly in Ontario for pneumonia, chronic lung disease, and congestive heart failure. *American Journal of Epidemiology* 1999; 149: 85-92.
5. Cole D, **Upshur R**, Gibson B. Detective Work. *Alternatives Journal* 1999; 25(3): 26-32.
6. **Upshur REG**. Two techniques for teaching the estimation of prior probabilities. *Teaching and Learning in Medicine* 2000; 12: 141-44.
7. **Upshur REG**. Seven characteristics of medical evidence. *Journal of Evaluation in Clinical Practice* 2000; 6: 93-7.
8. **Upshur REG**, Mamdani MM, Knight K. Are there seasonal patterns to ruptured aortic aneurysms and dissections of the aorta? *European Journal of Vascular and Endovascular Surgery* 2000; 20: 173-6.
9. **Upshur REG**, Goel V. Measuring the impact of influenza on the hospital admission rates of the elderly in Ontario: a five-year admission rate analysis, 1998-1993. *Canadian Journal of Public Health* 2000; 91: 144-7.
10. Mamdani MM, Parikh SV, Austic PC, **Upshur REG**. Use of antidepressants among elderly subjects: trends and contributing factors. *American Journal of Psychiatry* 2000; 157: 360-7.
11. **Upshur REG**. The ethics of alpha: reflections on statistics, evidence and values in medicine. *Theoretical Medicine and Bioethics* 2001; 22: 565-76.
12. Barrigar DL, Flagel DC, **Upshur REG**. Hepatitis B virus infected physicians and disclosure of transmission risks to patients: a critical analysis. *BioMedCentral Medical Ethics* 2001; 2: 4.
13. Crighton EJ, Mamdani MM, **Upshur REG**. A population based time series analysis of asthma hospitalizations in Ontario, Canada: 1988 to 2000. *BioMedCentral Health Services Research* 2001; 1: 7.
14. **Upshur REG**, Morin B, Goel V. The privacy paradox: laying Orwell's ghost to rest. *Canadian Medical Association Journal* 2001; 165: 307-9.
15. **Upshur REG**, VanDenKerkhof EG, Goel V. Meaning and measurement: an inclusive model of evidence in health care. *Journal of Evaluation in Clinical Practice* 2001; 7: 91-6.

16. **Upshur R**, James ML, Richardson E, Brunton G, Hunter W, Chambers L. Short-term adverse health effects in a community exposed to a large polyvinylchloride plastics fire. *Archives of Environmental Health* 2001; 56: 264-70.
17. Small I, van der Meer J, **Upshur REG**. Acting on an environmental health disaster: the case of the Aral Sea. *Environmental Health Perspectives* 2001; 109: 547-9.
18. Emili J, Norman GR, **Upshur REG**, Scott F, John KR, Schmuck ML. Knowledge and practices regarding tuberculosis: a survey of final-year medical students from Canada, India and Uganda. *Medical Education* 2001; 35: 530-6.
19. Mamdami MM, **Upshur REG**. Fall-related hospitalizations: what's in season? *Canadian Journal of Public Health* 2001; 92: 113-6.
20. **Upshur REG**, Goel V. The health care information directive. *BioMedCentral Medical Informatics and Decision Making* 2001; 1: 1.
21. Sunday J, Eyles J, **Upshur R**. Applying Aristotle's doctrine of causation to Aboriginal and biomedical understanding of diabetes. *Culture, Medicine and Psychiatry* 2001; 25: 63-85.
22. Zarkovich E, **Upshur REG**. The virtues of evidence. *Theoretical Medicine and Bioethics* 2002; 23: 403-12.
23. Emili J, Scott F, **Upshur REG**, Schmuck ML, John KR. Attitudes toward tuberculosis of final year medical students from Canada, India and Uganda. *Teaching and Learning in Medicine* 2002; 14: 168-74.
24. Robertson DW, Bedell R, Lavery JV, **Upshur R**. What kind of evidence do we need to justify humanitarian medical aid? *Lancet* 2002; 360: 330-3.
25. Whatley S, Mamdami M, **Upshur RE**. A randomized comparison of the effect of three patient information leaflet models on older patients' treatment intentions. *British Journal of General Practice* 2002; 52: 483-4.
26. Di Cecco R, Patel U, **Upshur REG**. Is there a clinically significant gender bias in post-myocardial infarction pharmacological management in the older (>60) population of a primary care practice? *BioMedCentral Family Practice* 2002; 3: 8.
27. Mah L, **Upshur REG**. Long term benzodiazepine use for insomnia in patients over the age of 60: discordance of patient and physician perceptions. *BioMedCentral Family Practice* 2002; 3: 9.
28. Ceresne L, **Upshur RE**. Atrial fibrillation in a primary care practice: prevalence and management. *BioMedCentral Family Practice* 2002; 3: 11.
29. **Upshur RE**. Principles for the justification of public health intervention. *Canadian Journal of Public Health* 2002; 93: 101-3.
30. **Upshur RE**. Screening mammography in older women: a pilot study of residents' decisions. *Teaching and Learning in Medicine* 2002; 14: 11-4.

31. Crighton EJ, Moineddin R, **Upshur RE**, Mamdani M. The seasonality of total hospitalizations in Ontario by age and gender: a time series analysis. *Canadian Journal of Public Health* 2003; 94: 453-7.
32. Moineddin R, **Upshur RE**, Crighton E, Mamdani M. Autoregression as a means of assessing the strength of seasonality in a time series. *Population Health Metrics* 2003; 1: 10.
33. Singer PA, Benatar SR, Bernstein M, Daar AS, Dickens BM, MacRae SK, **Upshur RE**, Wright L, Zlotnik Shaul R. Ethics and SARS: Lessons from Toronto. *British Medical Journal* 2003; 327: 1342-4.
34. **Upshur RE**, Colak E. Argumentation and evidence. *Theoretical Medicine and Bioethics* 2003; 24: 283-99.
35. **Upshur RE**. Are all evidence-based practices alike? Problems in the ranking of evidence. *Canadian Medical Association Journal* 2003; 169: 672-3.
36. Tracy CS, Dantas GC, **Upshur RE**. Evidence-based medicine in primary care: qualitative study of family physicians. *BioMedCentral Family Practice* 2003; 4: 6.
37. Tracy CS, Dantas GC, Moineddin R, **Upshur RE**. The nexus of evidence, context, and patient preferences in primary care: postal survey of Canadian family physicians. *BioMedCentral Family Practice* 2003; 4: 13.
38. Lavery JV, **Upshur RE**, Sharp RR, Hofman KJ. Ethical issues in international environmental health research. *International Journal of Hygiene and Environmental Health* 2003; 206: 453-63.
39. Crighton EJ, Elliott SJ, **Upshur R**, van der Meer J, Small I: The Aral Sea disaster and self-rated health. *Health & Place* 2003; 9: 73-82.
40. Tan DH, **Upshur RE**, Ford N. Global plagues and the Global Fund: Challenges in the fight against HIV, TB and malaria. *BioMedCentral International Health & Human Rights* 2003; 3: 2.
41. Bernstein M, **Upshur RE**. Framework for bioethical assessment of an article on therapy. *Journal of Neurosurgery* 2003; 98: 485-90.
42. **Upshur RE**, Papoushek C, Macdonald D, Dantas G. Short report: managing anticoagulation. Comparison of results at three primary care centres. *Canadian Family Physician* 2003; 49: 181-4.
43. Crighton EJ, Elliott SJ, Meer J, Small I, **Upshur R**. Impacts of an environmental disaster on psychosocial health and well-being in Karakalpakstan. *Social Science & Medicine* 2003; 56: 551-67.
44. Mamdani M, **Upshur RE**, Anderson G, Bartle BR, Laupacis A. Warfarin therapy and risk of hip fracture among elderly patients. *Pharmacotherapy* 2003; 23: 1-4.
45. Caulfield T, **Upshur RE**, Daar A. DNA databanks and consent: a suggested policy option involving an authorization model. *BioMedCentral Medical Ethics* 2003; 4: 1.

46. Crighton EJ, Moineddin R, Mamdani M, **Upshur RE**. Influenza and pneumonia hospitalizations in Ontario: a time-series analysis. *Epidemiology and Infection* 2004; 132: 1167-74.
47. **Upshur RE**, Moineddin R, Crighton EJ, Mamdani M. Is there a clinically significant seasonal component to hospital admissions for atrial fibrillation? *BioMedCentral Health Services Research* 2004; 4: 5.
48. Stefanski KE, Tracy CS, **Upshur RE**. Sources of evidence in HIV/AIDS care: pilot study comparing family physicians and AIDS service organization staff. *BioMedCentral Health Services Research* 2004; 4: 18.
49. Bell JA, Hyland S, DePellegrin T, **Upshur RE**, Bernstein M, Martin DK. SARS and hospital priority setting: a qualitative case study and evaluation. *BioMedCentral Health Services Research* 2004; 4: 36.
50. Echlin PS, **Upshur RE**, McKeag DB, Jayatilake HP. Traumatic deep vein thrombosis in a soccer player: A case study. *Thrombosis Journal* 2004; 2: 8.
51. Tracy CS, Dantas GC, **Upshur RE**. Feasibility of a patient decision aid regarding disclosure of personal health information: qualitative evaluation of the Health Care Information Directive. *BioMedCentral Medical Informed Decision Making* 2004; 4: 13.
52. Echlin PS, **Upshur RE**, Markova TP. Lack of chart reminder effectiveness on family medicine resident JNC-VI and NCEP III guideline knowledge and attitudes. *BioMedCentral Family Practice* 2004; 5: 14.
53. Dantas GC, Thompson BV, Manson JA, Tracy CS, **Upshur RE**. Patients' perspectives on taking warfarin: qualitative study in family practice. *BioMedCentral Family Practice* 2004; 5: 15.
54. Verma G, **Upshur RE**, Rea E, Benatar SR. Critical reflections on evidence, ethics and effectiveness in the management of tuberculosis: public health and global perspectives. *BioMedCentral Medical Ethics* 2004; 5: 2.
55. Nickell LA, Crighton EJ, Tracy CS, Al-Enazy H, Bolaji Y, Hanjrah S, Hussain A, Makhlof S, **Upshur RE**. Psychosocial effects of SARS on hospital staff: survey of a large tertiary care institution. *Canadian Medical Association Journal* 2004; 170: 793-8.
56. Dobrow MJ, Goel V, **Upshur RE**. Evidence-based health policy: context and utilization. *Social Science & Medicine* 2004; 58: 207-17.
57. **Upshur R**, Tracy C. Legitimacy, authority and hierarchy: Critical challenges for evidence based medicine. *Brief Treatment and Crisis Intervention* 2004; 4: 197-204.
58. Mills EJ, Singh S, Singh JA, Orbinski JJ, Warren M, **Upshur RE**. Designing research in vulnerable populations: lessons from HIV prevention trials that stopped early. *British Medical Journal* 2005; 331: 1403-6.

59. Mills EJ [Collaborating authors: Robinson J, Attaran A, Clarke M, Singh S, **Upshur RE**, Herrmann KJ Jr, Yusuf S]. Sharing evidence on humanitarian relief. *British Medical Journal* 2005; 331: 1485-6.
60. Kwong JC, Carr D, Dhalla IA, Tom-Kun D, **Upshur RE**. Oral vitamin B<sub>12</sub> therapy in the primary care setting: a qualitative and quantitative study of patient perspectives. *BioMedCentral Family Practice* 2005; 6: 8.
61. Price DH, Tracy CS, **Upshur RE**. Chaperone use during intimate examinations in primary care: postal survey of family physicians. *BioMedCentral Family Practice* 2005; 6: 52.
62. **Upshur RE**. Looking for rules in a world of exceptions: reflections on evidence-based practice. *Perspectives in Biology and Medicine* 2005; 48: 477-89.
63. Godkin MD, Faith K, **Upshur RE**, MacRae SK, Tracy CS. Project examining effectiveness in clinical practice (PEECE): phase 1 – descriptive analysis of nine clinical ethics services. *Journal of Medical Ethics* 2005; 31: 505-12.
64. Vrbova L, Crighton EJ, Mamdani M, Moineddin R, **Upshur RE**. Temporal analysis of acute myocardial infarction in Ontario, Canada. *Canadian Journal of Cardiology* 2005; 21: 841-5.
65. Segal AO, Crighton EJ, Moineddin R, Mamdani M, **Upshur RE**. Croup hospitalizations in Ontario: a 14-year time-series analysis. *Pediatrics* 2005; 116: 51-5.
66. Echlin PS, **Upshur RE**, Peck DM, Skopelja EN. Craniomaxillofacial injury in sport: a review of prevention research. *British Journal of Sports Medicine* 2005; 39: 254-63.
67. Vrbova L, Mamdani M, Moineddin R, Jaakimainen L, **Upshur RE**. Does socioeconomic status affect mortality subsequent to hospital admission for community acquired pneumonia among older persons? *Journal of Negative Results in Biomedicine* 2005; 4: 4.
68. Ritvo P, Wilson K, Willms D, **Upshur R**, Goldman A, Kelvin D, Rosenthal KL, Rinfret A, Kaul R, Krahn M. Vaccines in the public eye. *Nature Medicine* 2005; 11: S20-4.
69. **Upshur RE**, Moineddin R, Crighton E, Kiefer L, Mamdani M. Simplicity within complexity: seasonality and predictability of hospital admissions in the province of Ontario 1988-2001, a population-based analysis. *BioMedCentral Health Services Research* 2005; 5: 13.
70. Tracy C, Dantas G, Moineddin R, **Upshur R**. Contextual factors in clinical decision making: National survey of Canadian family physicians. *Canadian Family Physician* 2005; 51: 1106-7.
71. Leong AM, Crighton EJ, Moineddin R, Mamdani M, **Upshur RE**. Time series analysis of age related cataract hospitalizations and phacoemulsification. *BioMedCentral Ophthalmology* 2006; 6: 2.
72. Wilson K, McDougall C, **Upshur R**. The new International Health Regulations and the federalism dilemma. *PLoS Medicine* 2006 3: 30-4.

73. **Upshur RE**, Moineddin R, Crighton EJ, Mamdani M. Seasonality of service provision in hip and knee surgery: a possible contributor to waiting times? A time series analysis. *BioMedCentral Health Services Research* 2006; 6: 22.
74. Chan AW, **Upshur R**, Singh JA, Ghersi D, Chapuis F, Altman DG. Research protocols: Waiving confidentiality for the greater good. *British Medical Journal* 2006; 443: 1086-9.
75. Ruderman C, Tracy CS, Bensimon CM, Bernstein M, Hawryluck L, Zlotnik Shaul R, **Upshur REG**. On pandemics and the duty to care: whose duty? Who cares? *BioMedCentral Medical Ethics* 2006; 7: 5.
76. Buetow S, **Upshur R**, Miles A, Loughlin M. Taking stock of evidence-based medicine: opportunities for its continuing evolution. *Journal of Evaluation in Clinical Practice* 2006; 12: 399-404.
77. **Upshur R**, Buetow S, Loughlin M, Miles A. Can academic and clinical journals be in financial conflict of interest situations? The case of evidence-based incorporated. *Journal of Evaluation in Clinical Practice* 2006; 12: 405-9.
78. Juurlink D, Stukel TA, Kwong J, Kopp A, McGeer A, **Upshur R**, Manuel D, Moineddin R, Wilson K. Guillain-Barré syndrome following adult influenza vaccination: A population-based study. *Archives of Internal Medicine* 2006; 166: 2217-21.
79. Carpenter DO, El-Qaderi S, Fayzieva D, Gilani AH, Hambartsumyan A, Herz K, Isobaev M, Kasymov O, Kudyakov R, Majitova Z, Mamadov E, Nemer L, Revich B, Stege P, Suk W, **Upshur R**, Yilmax B, Zaineh K. Children's environmental health in Central Asia and the Middle east. *International Journal of Occupational and Environmental Health* 2006; 12: 362-8.
80. Thompson AK, Faith K, Gibson JL, **Upshur RE**. Pandemic influenza preparedness: an ethical framework to guide decision-making. *BioMedCentral Medical Ethics* 2006; 7: 12.
81. **Upshur R**, Moineddin R, Crighton EM, Mamdani M. Interactions of viral pathogens on hospital admissions for pneumonia, croup and chronic obstructive pulmonary diseases: results of a multivariate time series analysis. *Epidemiology and Infection* 2006; 134: 1174-8.
82. Singh JA, **Upshur R**, Padayatchi N. XDR-TB in South Africa: No Time for Denial Of Complacency. *PLoS Medicine* 2007; 4: e50.
83. Warner E, Crighton EJ, Moineddin R, Mamdani M, **Upshur REG**. Fourteen-year study of hospital admissions for diverticular disease in Ontario, Canada. *Canadian Journal of Gastroenterology* 2007; 21(2):97-9.
84. Crighton EJ, Elliott SJ, Moineddin R, Kanaroglou P, **Upshur RE**. An exploratory spatial analysis of pneumonia and influenza hospitalizations in Ontario by age and gender. *Epidemiology and Infection* 2007; 135: 253-61.
85. Gibson BE, **Upshur REG**, Young NL, McKeever P. Disability, technology and place: Social and ethical implications of long-term dependency on medical devices. *Ethics, Place & Environment* 2007; 10(1): 7-28.

86. Bensimon CM, **Upshur REG**. Evidence and effectiveness in decision-making for quarantine. *American Journal of Public Health* 2007; 97: S44-8.
87. Crighton EJ, Elliott SJ, Moineddin R, Kanaroglou P, **Upshur R**. A spatial analysis of the determinants of pneumonia and influenza hospitalizations in Ontario (1992-2001). *Social Science and Medicine* 2007; 64: 1636-50.
88. **Upshur REG**, Faith K, Gibson JL, Thompson AK, Tracy CS, Wilson K, Singer PA. Ethics in an Epidemic: Ethical Considerations in Preparedness Planning for Pandemic Influenza. *Health Law Review* 2007; 16(1): 33-9.
89. Rea E, Lafleche J, Stalker S, Guarda BK, Shapiro H, Johnson I, Bondy SJ, **Upshur R**, Russell ML, Eliasziw M. Duration and distance of exposure are important predictors of transmission among community contacts of Ontario SARS cases. *Epidemiology and Infection* 2007; 135: 914-21.
90. Gibson BE, Young NL, **Upshur REG**, McKeever P. Men on the margin: A Bourdieusian examination of living into adulthood with muscular dystrophy. *Social Science & Medicine* 2007; 65: 505-17.
91. Singer PA, Taylor AD, Daar AS, **Upshur REG**, Singh JA, Lavery JV. Grand Challenges in Global Health: The Ethical, Social and Cultural Program. *PLoS Medicine* 2007; 4(9): e265.
92. Berndtson K, Daid T, Tracy CS, Bhan A, Cohen ERM, **Upshur REG**, Singh JA, Daar AS, Lavery JV, Singer PA. Grand Challenges in Global Health: Ethical, Social, and Cultural Issues Based on Key Informant Perspectives. *PLoS Medicine* 2007; 4(9): e268.
93. Bhan A, Singh JA, **Upshur REG**, Singer PA, Daar AS. Grand Challenges in Global Health: Engaging Civil Society Organizations in Biomedical Research in Developing Countries. *PLoS Medicine* 2007; 4(9): e272.
94. Tindana PO, Singh JA, Tracy CS, **Upshur REG**, Daar AS, Singer PA, Frohlich J, Lavery JV. Grand Challenges in Global Health: Community Engagement in Research in Developing Countries. *PLoS Medicine* 2007; 4(9): e273.
95. Bensimon CM, Tracy CS, Bernstein M, Zlotnik Shaul R, **Upshur REG**. A qualitative study of the duty to care in communicable disease outbreaks. *Social Science & Medicine* 2007; 65: 2566-75.
96. Bennion P, Hubbard R, O'Hara S, Wiggs G, Wegerdt J, Lewis S, Small I, van de meer J, **Upshur R**, Médecins sans Frontières/Aral Sea Respiratory Dust and Disease project team. The impact of airborne dust on respiratory health in children living in the Aral Sea region. *International Journal of Epidemiology* 2007; 36(5): 1103-10.
97. Nie JX, Wang L, **Upshur REG**. Mortality of elderly patients in Ontario after hospital admission for chronic obstructive pulmonary disease. *Canadian Respiratory Journal* 2007; 14(8): 485-9.
98. **Upshur REG**, Lavery JV, Tindana PO. Taking tissue seriously means taking communities seriously. *BioMedCentral Medical Ethics* 2007; 8: 11.

99. Leahy N, Sheps J, Tracy CS, Nie J, **Upshur REG**. Family physicians' attitudes toward residency research education: Findings from a national postal survey. *Canadian Family Physician* 2008; 54: 413-4.
100. Tong A, Biringer A, Ofner-Agostini M, **Upshur REG**, McGeer A. A Cross-sectional Study of Maternity Care Providers' and Women's Knowledge, Attitudes, and Behaviours Towards Influenza Vaccination During Pregnancy. *Journal of Obstetrics & Gynaecology of Canada* 2008; May: 404-10.
101. Crighton EJ, Elliott SJ, Kanaroglou P, Moineddin R, **Upshur REG**. Spatio-temporal analysis of pneumonia and influenza hospitalizations in Ontario, Canada. *Geospatial Health* 2008; 2(2): 191-202.
102. Gershon AS, Wang L, To O, Luo J, Upshur REG. Survival with Tiotropium Compared to Long-Acting Beta-2-Agonists in Chronic Obstructive Pulmonary Disease. *COPD: Journal of Chronic Obstructive Pulmonary Disease* 2008; 5(4): 229-34.
103. Moineddin R, Nie JX, Domb G, Leong AM, **Upshur REG**. Seasonality of primary care utilization for respiratory diseases in Ontario: A time-series analysis. *BioMedCentral Health Services Research* 2008; 8: 160.
104. van Delden JJM, Ashcroft R, Dawson AJ, Marckmann G, **Upshur R**, Verweij R. The ethics of mandatory vaccination against influenza for health care workers. *Vaccine* 2008; 26: 5562-6.
105. McDougall CW, **Upshur REG**, Wilson K. Emerging norms for the control of emerging epidemics. *Bulletin of the World Health Organization* 2008; 86(8): 643-5.
106. Joint Centre for Bioethics Pandemic Ethics Working Group [Viens AM, Dawson A, Bensimon C, McDougall C, Faith K, Wilson K, Tracy S, Thompson A, Gibson J, Nie J, Kapiriri L, Robertson A, Ritvo P, **Upshur R**]. The Duty to Care in a Pandemic. *American Journal of Bioethics* 2008; 8(8): 31-3.
107. Wang L, Nie JX, Tracy CS, Moineddin R, **Upshur REG**. Utilization patterns of diagnostic imaging across the late life course: A population-based study in Ontario, Canada. *International Journal of Technology Assessment in Health Care* 2008; 24; 4: 384-90.
108. Kwong JC, Stukel TA, Lim J, McGeer AJ, **Upshur REG**, Johansen H, Sambell C, Thompson WW, Thiruchelvam D, Marra F, Svenson LW, Manuel DG. The Effect of Universal Influenza Immunization on Mortality and Health Care Use. *PLoS Medicine* 2008; 5(10): 1440-52.
109. Benatar SB, **Upshur REG**. Dual Loyalty of Physicians in the Military and in Civilian Life. *American Journal of Public Health* 2008; 98: 2161-7.
110. **Upshur REG**, Tracy CS. Chronicity and complexity: facing the challenges of chronic disease in primary care. *Canadian Family Physician* 2008; 54: 1655-8.
111. Nie JX, Wang L, Tracy CS, Moineddin R, **Upshur REG**. Health care service utilization among the elderly: findings from the Study to Understand the Chronic Condition

- Experience of the Elderly and the Disabled (SUCCEED project). *Journal of Evaluation in Clinical Practice* 2008; 14: 1044-9.
112. **Upshur R.** Introduction. *Journal of Academic Ethics* 2008; 6: 271-5. [Special Issue: Building Research Ethics Capacity in Developing World Contexts: the University of Toronto Joint Centre for Bioethics Experience. Guest Editor: Ross E.G. Upshur]
  113. Sibbald SL, Singer PA, **Upshur R**, Martin DK. Priority setting: what constitutes success? A conceptual framework for successful priority setting. *BioMedCentral Health Services Research* 2009; 9: 43.
  114. Wang L, Nie JX, **Upshur REG.** Determining use of preventive health care in Ontario: Comparison of rates of 3 maneuvers in administrative and survey data. *Canadian Family Physician* 2009; 55: 178-9.e1-5.
  115. Pinto AD, **Upshur REG.** Global Health Ethics for Students. *Developing World Bioethics* 2009; 9(1): 1-10.
  116. Faust H, Bensimon C, **Upshur REG.** The Role of Faith-Based Organizations in the Ethical Aspects of Pandemic Flu Planning – Lessons Learned from the Toronto SARS Experience. *Public Health Ethics* 2009; 2: 105-12.
  117. **Upshur REG.** Making the grade: Assuring trustworthiness in evidence. *Perspectives in Biology and Medicine* 2009; 52(2): 264-75.
  118. Buetow S, McAllum C, **Upshur R.** Using Philosophy to Help Manage the Fear of Death. *Journal of Palliative Care* 2009; 25(2): 111-6.
  119. **Upshur REG,** Singh J, Ford N. Apocalypse or redemption: responding to extensively drug-resistant tuberculosis. *Bulletin of the World Health Organization* 2009; 87: 481-3.
  120. Cohen ERM, O'Neill JM, Joffres M, **Upshur REG,** Mills E. Reporting of Informed Consent, Standard of Care and Post-Trial Obligations in Global Randomized Intervention Trials: A Systematic Survey of Registered Trials. *Developing World Bioethics* 2009; 9(2): 74-80.
  121. Viens AM, Bensimon C, **Upshur REG.** Your Liberty or Your Life: Reciprocity in the Use of Restrictive Measures in Contexts of Contagion. *Journal of Bioethical Inquiry* 2009; 6: 207-17.
  122. Ford N, Mills EJ, Zachariah R, **Upshur R.** Ethics of conducting research in conflict settings. *BioMedCentral Conflict and Health* 2009; 3: 7.
  123. Schopper D, **Upshur R,** Matthys F, Singh JA, Bandewar SS, Ahmad A, van Dongen E. Research Ethics Review in Humanitarian Contexts: The Experience of the Independent Ethics Review Board of Médecins Sans Frontières. *PLoS Medicine* 2009; 6(7): e1000115.
  124. Kwong JC, Maaten S, **Upshur REG,** Patrick DM, Marra F. The effect of Universal Influenza Immunization on Antibiotic Prescriptions: An Ecological Study. *Clinical Infectious Diseases* 2009; 49 (1 September): 750-6.

125. Vegda K, Nie JX, Wang L, Tracy CS, Moineddin R, **Upshur REG**. Trends in health services utilization, medication use, and health conditions among older adults: a 2-year retrospective chart review in a primary care practice. *BioMedCentral Health Services Research* 2009; 9: 217.
126. Tracy CS, Rea E, **Upshur REG**. Public perceptions of quarantine: community-based telephone survey following an infectious disease outbreak. *BioMedCentral Public Health* 2009; 9: 470.
127. Iracleous P, Nie JX, Tracy CS, Moineddin R, Ismail Z, Shulman KI, **Upshur REG**. Primary care physicians' attitudes towards cognitive screening: findings from a national postal survey. *International Journal of Geriatric Psychiatry* 2010; 25: 23-9.
128. Ford N, **Upshur REG**, Zachariah R, Mills E. Defining the limits of emergency humanitarian action: Where, and how, to draw the line? *Public Health Ethics*, in press. [Advance Access published 22 September 2009]
129. Nie JX, Wang L, Tracy CS, Moineddin R, **Upshur R**. A population-based cohort study of ambulatory care service utilization among older adults. *Journal of Evaluation in Clinical Practice*, in press.

#### Non-Peer-Reviewed Publications

1. **Upshur R**. Accessing Diptheria Toxin. *Health Line for Physicians*, East York Health Unit, December 1997.
2. **Upshur R**. The Use of Acyclovir in Healthy Children. *Health Line for Physicians*, East York Health Unit, December 1997.
3. **Upshur R**. The Importance of Compliance with Tuberculosis Prophylaxis. *Health Line for Physicians*, East York Health Unit, December 1997.
4. **Upshur R**. Report on the Plastimet Fire. *The Environmental Health Review* Vol 1., No. 1.
5. **Upshur R**. Advocacy and Ethics: Some implications of the determinants of health perspective. *Calyx* 1997; 7: 3-5.
6. **Upshur R**. Report from Uzbekistan. *Doctors for the Environment: An International Bulletin* 1999; 1: 9-11.
7. Bowerman WW, Carey J, Carpenter D, Colborn T, DeRosa C, Fournier M, Fox GA, Gibson BL, Gilbertson M, Henshel D, McMaster S, **Upshur R**. Is it time for a Great Lakes Ecosystem Management Agreement separate from the Great Lake Water Quality Agreement? *Journal of Great Lakes Research* 1999; 25: 237-8.
8. **Upshur R**. Environmental Health Research and Health Policy. *Conference Proceedings, Research for Better Environmental Health in the Aral Sea Area*. Médecins Sans Frontières, 2000, pp. 39-41.

9. **Upshur R.** To everything there is a season: hospitalizations in Ontario demonstrate strong evidence of seasonality and predictability. *Healthcare Quarterly* 2005; 8(4): 24, 26.
10. Upshur R. Director's Corner, *University of Toronto Joint Centre for Bioethics Voice* (newsletter published from September to June) (2007-present)
11. **Upshur R.** Ethics and the Training of International Medical Graduates. *Academic Matters* 2008; Oct-Nov: 10-3.
12. **Upshur R.** Public Health Ethics -- Principles and Practice: SARS and Beyond. *OPHA Public Health Today* 2008; Autumn – 2(1): 26.
13. **Upshur R,** Bernstein M. Conflicts with colleagues: We're just human, after all. *Parkhurst Exchange* 2008; 16: 62-4.
14. Bernstein M, **Upshur R.** Beware patients bearing gifts? *Parkhurst Exchange* 2008; 16: 72-3.
15. Bernstein M, **Upshur R.** The challenge of difficult patients. *Parkhurst Exchange* 2008; 16: 74-5.

#### Editorials and Commissioned Papers

1. **Upshur R.** Silicone Breast Disease: Decision before evidence? *Humane Health Care International* 1997; 3: 15-16. (PA)
2. Rea E, **Upshur R.** Semmelweis Revisited: the ethics of infection prevention among health care workers. *Canadian Medical Association Journal* 2001; 164: 1447-8.
3. Gilbertson M, Carpender D, **Upshur R.** Methodology for assessing community health in areas of concern: measuring the adverse effects on human health. *Environmental Health Perspectives* 2001; 109 (Supplement 6): 811-2.
4. **Upshur RE.** If not evidence, then what? Or does medicine really need a base? *Journal of Evaluation in Clinical Practice* 2002; 8: 113-9.
5. Bevan JC, **Upshur RE.** Anesthesia, ethics, and severe acute respiratory syndrome. *Canadian Journal of Anaesthesia* 2003; 50: 977-9, 979-82. [English and French]
6. **Upshur R,** Tracy CS. Evidence-based medicine in primary care: Perils and pitfalls. *New Zealand Family Physician* 2003; 30: 327-30.
7. **Upshur R.** Hard Choices. *Canadian Health Care Manager Online* October 2003.
8. **Upshur R.** The Ethics of Quarantine. *American Medical Association Virtual Mentor* November 2003.
9. **Upshur R.** Using patients' narratives in complex research. *British Medical Journal* 2005; 330: 631.

10. **Upshur RE.** Enhancing the legitimacy of public health response in pandemic influenza planning: lessons from SARS. *Yale Journal of Biology and Medicine* 2005; 78: 335-42.
11. **Upshur RE.** The complex, the exhausted and the personal: reflections on the relationship between evidence-based medicine and casuistry. Commentary on Tonelli (2006), Integrating evidence into clinical practice: an alternative to evidence-based approaches. *Journal of Evaluation in Clinical Practice* 12, 248-256. *Journal of Evaluation in Clinical Practice* 2006; 12: 281-8.
12. **Upshur RE.** Evidence-Based Medicine, Reasoned Medicine or both? Commentary on Jenicek, M. 'The hard art of soft science.' *Journal of Evaluation in Clinical Practice* 2006; 12: 420-2.
13. Tracy CS, **Upshur RE.** The Medical Chaperone: Outdated Anachronism or Modern Necessity? *Southern Medical Journal* 2008; 10(1): 9-10. [Editorial]
14. **Upshur R,** Nelson S. Duty to Care, Acknowledging Complexity and Uncertainty. *Nursing Inquiry* 2008; 15(4): 261-2. [Invited Editorial]

#### Letters

1. **Upshur R.** About time. *British Medical Journal* 24 October 1998. [Rapid Response]
2. **Upshur R.** The Lost Tradition. *British Medical Journal* 5 January 1999. [Rapid Response]
3. **Upshur R.** Practical reasoning in Canada. *Canadian Medical Association Journal* 1999; 160: 23.
4. Small I, Falzon D, van der Meer J, Ford N, **Upshur R.** Not a drop to drink in the Aral Sea. *Lancet* 2001; 358: 1649.
5. **Upshur R.** Alarm signs. *British Medical Journal* 30 March 2001. [Rapid Response]
6. **Upshur R.** What is the likelihood of a hall mark sign? *British Medical Journal* 1 June 2001. [Rapid Response]
7. **Upshur R.** Influenza vaccine for all? *Canadian Medical Association Journal* 2005; 172: 1161-2; author reply 1162-3.
8. Tracy CS, **Upshur RE,** Daar AS. Avian influenza and pandemics. *New England Journal of Medicine* 2005; 352: 1928.
9. Wilson K, Gardam M, McDougall C, Attaran A, **Upshur R.** WHO's response to global public health threats: XDR-TB. *PLoS Medicine* 2007; 4(7): e246.
10. Tracy CS, **Upshur RE.** MedsCheck: an opportunity missed. *Canadian Medical Association Journal* 2008; 178(4): 440.

### Contributing Author

1. Advance Directives Working Group. Advance Directives: Are They an Advance? *Canadian Medical Association Journal* 1992; 146: 127-34.
2. Needs/Impact-Based Planning Committee. A Guide to Needs/Impact Based Planning: Final Report of the Needs/Impact-Based Planning Committee to the Ministry of Health, April 1996.
3. Expert Panel on Toxigenic Moulds. Report of the Expert Panel on Toxigenic Moulds. Public Health and Epidemiology Report Ontario 1997; 8(2).

### Books

1. Jaakkimainen L, **Upshur REG**, Schultz SE, Maaten S, eds. *Primary Care in Ontario. ICES Atlas*. Toronto: Institute for Clinical Evaluative Sciences, 2006, 250 pp. Please note: This link is to the entire booklet and it is a large file (over 10 MB). To access individual chapters as PDF documents, please click [here](#).

### Book Chapters

1. **Upshur R** [contributing author]. Concepts, Determinants and Promotion of Health. In: Shah CP. *Public Health and Preventive Medicine in Canada*, 4<sup>th</sup> edition. Toronto: University of Toronto Press, 1998, pp. 1-28.
2. **Upshur R** [contributing author]. Measurement and Investigation. In: Shah CP. *Public Health and Preventive Medicine in Canada*, 4<sup>th</sup> edition. Toronto: University Press, 1998, pp. 29-54.
3. **Upshur R** [contributing author]. Health Indicators and Data Sources. In: Shah CP. *Public Health and Preventive Medicine in Canada*, 4<sup>th</sup> edition. Toronto: University of Toronto Press, 1998, pp. 57-76.
4. **Upshur R** [contributing author]. Chronic Diseases and Injuries. In: Shah CP. *Public Health and Preventive Medicine in Canada*, 4<sup>th</sup> edition. Toronto: University of Toronto Press, 1998, pp. 157-94.
5. **Upshur R** [contributing author]. Communicable Diseases. In: Shah CP. *Public Health and Preventive Medicine in Canada*, 4<sup>th</sup> edition. Toronto: University of Toronto Press, 1998, pp. 195-214.
6. **Upshur R** [contributing author]. Environmental Health I. In: Shah CP. *Public Health and Preventive Medicine in Canada*, 4<sup>th</sup> edition. Toronto: University of Toronto Press, 1998, pp. 215-44.
7. **Upshur R**. The status of qualitative research as evidence. In: Morse J, Swanson J, Kuzel A, eds. *The Nature of Qualitative Evidence*. Thousand Oaks: Sage Publications, 2001, pp. 5-26.
8. **Upshur R**, Crighton E. Environmental Health in the Aral Sea Area: Past Achievements, Future Prospects. In: Faayzidea D, ed. *Environmental Health in Central Asia, Present and Future*. Wessex: Wessex Institute of Technology Press, 2004, pp. 243-57.

9. Nixon S, **Upshur R**, Robertson A, Benatar S, Thompson A, Daar A. Public Health Ethics. In: Bailey TM, Caulfield T, Ries NM, eds. *Public Health Law, Ethics and Policy*. Markham: LexisNexis Butterworths, 2005, pp. 39-58.
10. Manuel DG, Maaten S, Thiruchelvam D, Jaakkimainen L, **Upshur R**. Primary Care in the Health Care System. In: Jaakkimainen L, **Upshur REG**, Schultz SE, Maaten S, eds. *Primary Care in Ontario*. ICES Atlas. Toronto: Institute for Clinical Evaluative Sciences, 2006, pp. 1-14.
11. **Upshur R**, Wang L, Maaten S. Patterns of Primary Care and Secondary Prevention. In: Jaakkimainen L, **Upshur REG**, Schultz SE, Maaten S, eds. *Primary Care in Ontario*. ICES Atlas. Toronto: Institute for Clinical Evaluative Sciences, 2006, pp. 77-90.
12. **Upshur R**, Wang L, Luo J, Maaten S, Leong A. Primary Care for Respiratory Diseases. In: Jaakkimainen L, **Upshur REG**, Schultz SE, Maaten S, eds. *Primary Care in Ontario*. ICES Atlas. Toronto: Institute for Clinical Evaluative Sciences, 2006, pp. 91-106.
13. Evans M, Borins M, Bray RI, Carroll J, Evans M, Glazier R, Martin D, **Upshur R**, Watts, White DG. Common Problems in Family Medicine. In: Evans M, ed. *Mosby's Family Practice Sourcebook: An Evidence-Based Approach to Care*, Fourth Edition. Toronto: Elsevier Canada, 2006, pp. 1-27. [Contributor]
14. Meuser J, **Upshur R** [section editors]. Community Health: Prevention. In: Evans M, ed. *Mosby's Family Practice Sourcebook: An Evidence-Based Approach to Care*, Fourth Edition. Toronto: Elsevier Canada, 2006, pp. 28-38.
15. Meuser J, **Upshur R** [section editors]. Community Health: Travel Health. In: Evans M, ed. *Mosby's Family Practice Sourcebook: An Evidence-Based Approach to Care*, Fourth Edition. Toronto: Elsevier Canada, 2006, pp. 39-46.
16. Meuser J, **Upshur R** [section editors]. Immunizations. In: Evans M, ed. *Mosby's Family Practice Sourcebook: An Evidence-Based Approach to Care*, Fourth Edition. Toronto: Elsevier Canada, 2006, pp. 47-57.
17. Meuser J, **Upshur R** [section editors]. Immunology. In: Evans M, ed. *Mosby's Family Practice Sourcebook: An Evidence-Based Approach to Care*, Fourth Edition. Toronto: Elsevier Canada, 2006, pp. 197-211.
18. Meuser J, **Upshur R** [section editors]. Infectious Disease. In: Evans M, ed. *Mosby's Family Practice Sourcebook: An Evidence-Based Approach to Care*, Fourth Edition. Toronto: Elsevier Canada, 2006, pp. 212-234.
19. **Upshur R**. Introduction to Section VI: Health systems and institutions. In: Singer PA, Viens AM, eds. *The Cambridge Textbook of Bioethics*. Cambridge: Cambridge University Press, 2008, pp. 241-2.
20. Faust HS, **Upshur R**. Public health ethics. In: Singer PA, Viens AM, eds. *The Cambridge Textbook of Bioethics*. Cambridge: Cambridge University Press, 2008, pp. 274-80.

21. **Upshur R**, Tracy CS. In: Family medicine should be more evidence-based than at present: Negative position. In: Buetow S, Kenealy T, eds. *Ideological Debates in Family Medicine*. New York: Nova Publishers, 2007, pp. 153-64.
22. Nixon S, **Upshur R**, Robertson A, Benatar SR, Thompson AK, Daar AS. Public Health Ethics. In: Bailey TM, Caulfield T, Ries NM, eds. *Public Health Law & Policy in Canada*. Markham, ON: LexisNexis, 2008, pp. 37-59. ISBN: 978-0-433-45817-3
23. **Upshur R**. Overcoming the problem of calibration: Towards a scholarly agenda for research ethics. In: Lolas F, ed. *Dimensiones éticas de las regulaciones en salud*. Santiago de Chile: Program de Bioética OPS/OMS, CIEB Universidad de Chile, 2009, pp. 61-75.
24. **Upshur R**. what does it mean to 'know' a disease? The tragedy of XDR-TB. In: Peckham S, Hann A, eds. *Public Health Ethics and Practice*. Bristol: The Policy Press, University of Bristol, 2010, pp. 51-64. ISBN: 978-1-84742-102-9/6.
25. Sutton E, **Upshur R**. A call for clearer vaccine exemption typology to improve population health. In: Peckham S, Hann A, eds. *Public Health Ethics and Practice*. Bristol: The Policy Press, University of Bristol, 2010, pp. 171-87. ISBN: 978-1-84742-102-9/6.
26. **Upshur R**. Cold Comfort. In: Blackford R, Schüklenk U, eds. *50 Voices of Disbelief: Why We Are Atheists*. West Sussex, UK: Wiley-Blackwell, 2009, pp. 177-81, ISBN: 978-1-4051-9046-9/6.

#### Reports

1. *Report on the Evaluation of the Joint Centre for Bioethics*, 4 parts. June 1998.
2. *Report of Environmental Health Consultation Regarding the Health Impacts of the Aral Sea Disaster*. Médecins Sans Frontières, June 1998.
3. **Upshur R**. The health effects of toxigenic molds: Framework for an assessment of the weight of evidence of exposure to molds in indoor settings and human health effects. Report of an Expert Panel on Fungal Contamination Indoors. Ontario Ministry of Health, 1999.
4. *Meaning and Measurement*. Report to HEALNet Research Network, September 1999.
5. *Evaluation Report, Operational Research Program, Aral Sea Program*. Médecins Sans Frontières Uzbekistan, November 1999.
6. *Ethical and legal issues in a cervical cytology database*. Consultation report prepared with Benoit Morin, Cancer Care Ontario, July 2000.
7. *Report on the Progress of Operational Research*. Médecins Sans Frontières Aral Sea Program, November 2000.
8. *Evaluation Report of the Health Care Information Directive*. Office of Health and the Information Highway, Government of Canada, March 2003.

9. *Feasibility of Primary Care project in Kep, Cambodia*. Submitted to the Centre for International Health, University of Toronto, April 2004.
10. *Final Report*. Health Environment Consortium to Médecins Sans Frontières, April 2004.
11. Faith K, Gibson J, Thompson A, **Upshur R**. *Ethics in a pandemic influenza crisis: framework for decision-making*. University of Toronto Joint Centre for Bioethics, 2005. (Published in: *Ontario Pandemic Influenza Plan*, Ontario Ministry of Health & Longterm Care, 2005.)
12. **Upshur REG**, Faith K, Gibson JL, Thompson AK, Tracy CS, Wilson K, Singer PA. *Stand On Guard for Thee: Ethical considerations in preparedness planning for pandemic influenza. A report of the University of Toronto Joint Centre for Bioethics Pandemic Influenza Working Group*. November 2005, 29 pp.
13. **Upshur R**, Chair of Working Group Three. *The Role and Obligations of Health-Care Workers During an Outbreak of Pandemic Influenza*. Draft Paper for Working Group Three, Project on Addressing Ethical Issues in Pandemic Influenza Planning, World Health Organization. 14 September 2006, 15 pp.
14. **Upshur REG**. *Report on Operations in Zomba District in Malawi*. Dignitas International, March 2007.
15. Brown E, Boivin G, Hatchette T, Hume M, Larke B, McGeer A, Power C, Richardson C, **Upshur R**, von Messlin V, Watts T, Wong T [Program Subcommittee]. Meeting Report – Canadian Pandemic Preparedness Meeting: From Discovery to Frontlines. Co-sponsored by Canadian Institutes of Health Research, Public Health Agency of Canada, and the Canadian Food Inspection Agency. Winnipeg, Manitoba, 6-8 November 2008, 168 pp.
16. **Upshur R**, on behalf of Working Group Three. The role and obligations of health-care workers during an outbreak of pandemic influenza. In: *Addressing ethical issues in pandemic influenza planning – Discussion Papers*. Geneva: World Health Organization, 2008, pp. 67-83. Please note: This link is to the entire document – the page reference above refers to Discussion Paper III only.

#### Book Reviews

1. **Upshur R**. Review of Seifer S, et al, eds. *Creating Community Responsive Physicians. Teaching and Learning in Medicine* 2001; 13: 136-7.
2. **Upshur R**. Far from the best of all possible worlds. Review of *The Medical Profession and Human Rights, Handbook for a Changing Agenda*. *Canadian Medical Association Journal* 2001; 165: 615-6.
3. **Upshur R**. Review of *The Cambridge Medical Ethics Workbook*. *Teaching and Learning in Medicine* 2002; 14: 66-7.
4. **Upshur R**. Review of Foster C. *The ethics of medical research on humans*. *Teaching and Learning in Medicine* 2002; 14: 169-70.

5. **Upshur R.** Review of Elliott C. *Better Than Well: American Medicine Meets the American Dream.* *British Medical Journal* 2003; 327: 567.
6. **Upshur R.** Review of Jenicek M. *A Physician's Self-Paced Guide to Critical Thinking.* *Journal of Evaluation in Clinical Practice* 2007; 13: 538-9.
7. Shamy M, **Upshur R.** Review of Groopman J. *How Doctors Think.* *Perspectives in Biology and Medicine.* 2008; 51(1): 158-61.
8. **Upshur R.** Review of Selgelid MJ, Battin MP, Smith CB, eds. *Ethics and infectious disease.* *Bulletin of the World Health Organization* 2008; 86(8): 654.
9. **Upshur R.** Review of Sadler-Smith E. *Inside Intuition.* *Journal of Evaluation in Clinical Practice* 2008; 14: 693.

#### Critical Appraisal

1. **Upshur R.** Review of Patrick DM, et al. *Routine prenatal screening for HIV in a low-prevalence setting reduces the rate of maternal-fetal HIV transmission and may rival other widely accepted healthcare expenditures in terms of cost effectiveness.* *Evidence-Based Health Care* 1999; 3: 89. [Commentary]

#### Published Abstracts and Poster Presentations

1. Gibson BL, **Upshur REG.** Ecological Causation. *Proceedings of the International Association of Environmental Epidemiologists.* Boston, August 1998.
2. **Upshur R.** Towards a new evidence synthesis. Trillium Primary Care Research Conference, May 1999.
3. **Upshur REG,** Goel V. Meaning and Measurement: An inclusive model of evidence in health care. Closing the loop: Evidence into health practice organization and health policy, 3<sup>rd</sup> International Conference on the Scientific Basis of Health Services. Toronto, October 1999.
4. Emili J, **Upshur R,** Scott F, Norman G. Knowledge and practices of tuberculosis of medical students in Uganda, India, and Canada. American Thoracic Society, May 2000.
5. Marshall J, **Upshur R.** TAP – The Anticoagulation Project. Trillium Primary Care Research Conference, McMaster University, May 2000.
6. Whatley S, Mamdani M, **Upshur R.** Randomized comparison of patient information leaflets. Trillium Primary Care Research Conference, McMaster University, May 2000.
7. Johnson IL, McRobb BR, Byrne PN, **Upshur R.** Integration of Community Health Teaching Over The Four Years Of The Undergraduate Curriculum At The University of Toronto. ACCM.
8. Lavery JV, Anderson M, Parent K, Shortt SED, Taylor SJ, **Upshur REG.** Accountability for reasonableness in priority setting decisions in home care: An empirical study from Canada. The Third International Conference on Priorities in Health Care, Amsterdam, 2000.

9. Marshall J, **Upshur R**. Anticoagulation efficiency in Primary Care. North American Primary Care Research Group (NAPCRAG), November 2000.
10. Nolan RP, **Upshur R**, Lynn H, Crichton T, Stewart D, Rukholm E, Lesperance F, Smith NF. Social-environmental and behavioral factors independently contribute to 10-year absolute risk for coronary disease on the Framington index. *Circulation* 2004; 110 (Supplement S): 110.
11. McDougall C, Wilson K, **Upshur R**. Ethics of SARS Research Group, University of Toronto Joint Centre for Bioethics. Opportunities and obstacles to the implementation of the revised international health regulations: Results of a qualitative study of global public health capacity and governance. International Conference on Emerging Infectious Diseases (ICEID), Atlanta, March 2006.
12. Sampson H, Brierley J, Panzarella T, Nyhof-Young J, Wiljer D, Short D, Heslegrave R, Nash L, Salpeter A, Malisani K, **Upshur R**. Canadian Research Ethics Board (REB) E-survey: Understanding Baseline and Needs to Facilitate E-review of Clinical Trials. Society for Clinical Trials, Lake Buena Vista, Florida, 21-24 May 2006.
13. Sampson H, Brierly J, Panzarella T, Nyhof-Young J, Wiljer D, Short D, Heslegrave R, Nash L, Salpeter A, Malisani K, **Upshur R**. Structure, Activity, and Education of Canadian Research Ethics Boards (REB): Results of an Electronic Survey. International Union Against Cancer (UICC) World Cancer Congress, Washington, DC, 8-12 July 2006.
14. Sampson H, Wiljer D, Brierley Panzarella T, Nyhof-Young J, Wiljer D, Short D, Heslegrave, Nash L, Salpeter A, Malisani K, **Upshur R**. Standardizing Research Ethics Board (REB) Protocol and Consent Review of Clinical Trials Using a Web-based Template. International Union Against Cancer (UICC) World Cancer Congress, Washington, DC, 8-12 July 2006.
15. Nolan RP, Stewart DE, **Upshur R**, Lynn H, Rukholm E, Crichton T, Alter D, Grace S, Angus J, Chessex C, Harvey P, Picard L. Community outreach heart health risk reduction trial (COHRT): Outcome for hypertensive subjects at high CVD risk. *Journal of Hypertension* 2006; 24 (Supplement 6): 45.
16. Bennion P, Hubbard R, McKeever T, O'Hara S, Wiggs G, Wegerdt J, Lewis S, Small I, Van der Meer J, **Upshur R**. Dust exposure and restrictive lung disease in children in Karakalpakstan, Uzbekistan. *Thorax* 2006; 61 (Supplement 2): ii94.
17. Gibson BE, **Upshur REG**, Young NL, McKeever P. Futureless persons: Shifting techno-bodies and the vicissitudes of progressive illness. British Sociological Association Annual Conference, London, England, 12-15 April 2007.
18. Sampson H, Brierley L, Panzarella T, Nyhof-Young J, Wiljer D, Short D, Heslegrave R, Nash L, Salpeter A, Malisani K, Gouinlock K, **Upshur R**. Creating and Implementing a Web-Based Research Ethics Review Board (REB) Review Process: A Canadian Model. Society for Clinical Trials Annual Meeting, Montreal, Quebec, 20-23 May 2007.

19. Pape D, **Upshur R**, Sasaki K. Clinical Ethics and Public Health Ethics: Where Does One End and the Other Begin? A Case Discussion. 18<sup>th</sup> Canadian Bioethics Society Conference, Toronto, Ontario, 31 May 2007.
20. Madden S, **Upshur R**, Singer P, Martin D. Evaluating Success in Priority Setting. 18<sup>th</sup> Canadian Bioethics Society Conference, Toronto, Ontario, 1 June 2007.
21. Bensimon C, **Upshur R**. Communicable Disease control in The New Millennium: A Qualitative Inquiry on the Ethical Use of Restrictive Measures. 18<sup>th</sup> Canadian Bioethics Society Conference, Toronto, Ontario, 1 June 2007.
22. Sampson H, Wiljer D, Brierley J, Panzerella T, Nyhof-Young J, Heslegrave R, Nash L, Gouinlock K, Heus K, **Upshur R**, Short D. Introducing e-Technology at Research Ethics Boards in the New Millennium: A (cyber) Space Odyssey. 2007 Annual Human Research Protection Programs (HRPP) Conference, Public Responsibility in Medicine and Research (PRIM&R). Boston, Massachusetts, 2-4 December 2007.
23. Sampson H, Wiljer D, Brierley J, Panzerella T, Nyhof-Young J, Heslegrave R, Nash L, Gouinlock K, Heus K, **Upshur R**, Short D. REB-Ls (pronounced "rebels") With a Clause: Introducing and Implementing a Web-based Communication Strategy for Research Ethics Board Members with Legal Expertise. 2007 Annual Human Research Protection Programs (HRPP) Conference, Public Responsibility in Medicine and Research (PRIM&R). Boston, Massachusetts, 2-4 December 2007.
24. Gershon AS, **Upshur REG**, Wang Li, Luo J, To T. Improved Survival with Tiotropium Compared to Long Acting Beta-2-agonists for Older Patients with Chronic Obstructive Pulmonary Disease (COPD). COPD Pharmacological Therapy: New Results from Clinical Trials session, 2008 ATS International Conference, American Thoracic Society. Toronto, Ontario, 21 May 2008.
25. Gershon AS, **Upshur REG**, Wang Li, Luo J, To T. Improved Survival with Tiotropium Compared to Long Acting Beta-1-agonists for Older Patients with Chronic Obstructive Pulmonary Disease (COPD). COPD and Asthma/COPD session, "A Breath of Fresh Air," Canadian Respiratory Conference, The Lung Association. Montreal, Quebec, 21 June 2008.
26. Tracy CS, Chan SSL, **Upshur REG**, on behalf of the SUCCEED Investigators. Perspectives of primary care providers on chronic disease management: Study to Understand the Chronic Condition Experience of the Elderly and the Disabled (SUCCEED). NAPCRG Annual Meeting. Rio Grande, Puerto Rico, 15-19 November 2008.
27. Nickell L, **Upshur R**, Tracy S, Bajcar J, on behalf of the IMPACT Project Team. Project IMPACT: Interprofessional Model of Practice for Aging and Complex Treatments. NAPCRG Annual Meeting. Rio Grande, Puerto Rico, 16-18 November 2008. [Poster presentation]
28. Faust HS, Bensimon CM, **Upshur REG**. Role of Faith-Based Organizations in the Ethical Aspects of Pandemic Flu Planning. Water and Public Health: 137<sup>th</sup> American Public Health Association Annual Meeting and Expo. Philadelphia, Pennsylvania, 7-11 November 2009.

## Research Products

1. Evidence and Eikos. A CD-ROM and web-based reasoning skills course for health care professionals. Available at:  
[http://individual.utoronto.ca/ecolak/EBM/evidence\\_and\\_eikos/index.htm](http://individual.utoronto.ca/ecolak/EBM/evidence_and_eikos/index.htm).
2. Dimensions of Evidence: A web-based taxonomy of evidence in health care. Available at:  
[http://individual.utoronto.ca/ecolak/EBM/dimensions\\_of\\_evidence/index.htm](http://individual.utoronto.ca/ecolak/EBM/dimensions_of_evidence/index.htm).

## **5. PRESENTATIONS AND SPECIAL LECTURES**

### Invited Lectures

1. "The Concept of Nature in Marx," Canadian Philosophical Association, Learned Societies of Canada. Ottawa, Ontario, June 1982.
2. "Ethics and Randomized Control Trials," Clinical Epidemiology and Biostatistics Rounds, McMaster University. Hamilton, Ontario, February 1985.
3. "Measuring the Impact of Influenza on the Hospitalizations of the Elderly in Ontario," Institute for Clinical Evaluative Sciences. Toronto, Ontario, December 1995.
4. "Time-series Analysis of Influenza Epidemics," Epidemiology Graduate Seminars, University of Toronto. Toronto, Ontario, July 1996.
5. "Can Forced Therapy Be Justified? The Case of the Non-Compliant Tuberculosis Patient," Joint Centre for Bioethics, University of Toronto. Toronto, Ontario, December 1996.
6. "The London Fog Meets the Spanish Flu," Epidemic Modeling Working Group, University of Toronto. Toronto, Ontario, February 1997.
7. "The Future of Community Health Research," Invited Commentary on Keynote Address, Community Health Research Day, University of Toronto. Toronto, Ontario, March 1997.
8. "Causality and Epidemiology," Epidemiology Graduate Rounds, University of Toronto. Toronto, Ontario, March 1997.
9. "The Effect of Tuberculosis Contact Tracing on School Function," Ontario Lung Association. Toronto, Ontario, May 1997.
10. "Causal Models and Underdetermination in Environmental Epidemiology," Ecosystem and Human Health Subcommittee, International Joint Commission. Burlington, Ontario, May 1997.
11. "Emerging Communicable Diseases," Community Health Nurses, Ryerson Polytechnical University. Toronto, Ontario, October 1997.
12. "The Ethics of Non-Smoking Bylaws," Panel Discussant, University of Toronto. Toronto, Ontario, October 1997.

13. "Health Effects of Dioxin and Hydrogen Chloride Exposures," Family Practice Faculty Rounds, McMaster University. Hamilton, Ontario, October 1997.
14. "Appropriate Use of INH Prophylaxis," East York Medical Health Centre. East York, Ontario, 21 November 1997.
15. "Appropriate Use of INH Prophylaxis," Crescent Town Medical Centre. Toronto, Ontario, 23 January 1998.
16. "Mandatory Screening of Health Care Workers/Students for Hepatitis B, HIV, etc.: Is It Necessary?," Telemedicine Canada. 4 February 1998.
17. "Issues in Tuberculosis Contact Tracing in Schools," Community Medicine Residency Rounds, McMaster University. Hamilton, Ontario, 27 February 1998.
18. "Advocacy and Ethics: Some implications of the determinants of health perspective," Children Health Ethics Research Network. Toronto, Ontario, 14 April 1998.
19. "Evidence Base of INH Prophylaxis," Family Medicine Rounds, Toronto East General Hospital. Toronto, Ontario, 17 April 1998.
20. "The State of Environmental Protection in Ontario," Invited Speaker, Ontario Society for Environmental Management. Burlington, Ontario, 28 April 1998.
21. "Health Impacts of the Disappearing Aral Sea," Community Medicine Faculty Rounds, University of Toronto. Toronto, Ontario, 10 September 1998.
22. "Evaluating Hospital Ethics Committees," co-directed two workshops with Dr. Christine Harrison, Canadian Bioethics Society Annual Meeting. Toronto, Ontario, 15 October 1998.
23. "Toward a new evidence synthesis: creating a taxonomy of evidence related to health care," HEALNet Evidence Block. Toronto, Ontario, 16 October 1998.
24. "The four step bioethics education evaluation method," Bioethics Teaching Half Day Retreat, University of Toronto Joint Centre for Bioethics. Toronto, Ontario, 13 November 1998.
25. "The impact of tuberculosis and tuberculosis contact tracing on school function: An exploratory focus group study," Tuberculosis: Progress Through Partnerships – A Call to Action. Toronto, Ontario, 16 November 1998.
26. "The role of the family physician in environmental disease," Ontario College of Family Physicians Annual Scientific Meeting. 19 November 1998.
27. "Hepatitis B Infected Health Care Workers," Sunnybrook Health Science Centre Ethics Committee. Toronto, Ontario, December 1998.
28. "What do we mean when we speak of evidence?," Primary Care Research Unit, Sunnybrook & Women's College Health Science Centre. Toronto, Ontario, January 1999.
29. Invited panel presentation, Genetics, Epidemiology and Biostatistics, Community

- Health Research Day, University of Toronto. Toronto, Ontario, February 1999.
30. "The role of qualitative research as evidence," Invited Lecture, Queen's University. Kingston, Ontario, 19 May 1999.
  31. "A Model of Evidence for Health Care," Invited Presentation, HEALNet workshop. 8 June 1999.
  32. "A Model of Evidence for Health Care," Conference Presentation, Trillium Primary Care Research Conference. 12 June 1999.
  33. "Ethical Issues in Public Health Practice," Faculty Rounds, Community Health Residency Program, University of Toronto. Toronto, Ontario, 19 June 1999.
  34. "The four step bioethics program evaluation system," 5<sup>th</sup> Annual Update on Residency Education, Royal College of Physicians and Surgeons of Canada. Montreal, Quebec, 23 September 1999.
  35. "Research for Better Environmental Health in the Aral Sea Area," Environmental Health and Environmental Health Day, Tashkent, Uzbekistan. 28 September 1999.
  36. "The Health Impacts of the Aral Sea Disaster," McMaster University Institute of Environment and Health. Hamilton, Ontario, 3 March 2000.
  37. "The role of the community medicine specialist in the family practice setting," Community Medicine Faculty Rounds, University of Toronto. Toronto, Ontario, April 2000.
  38. "The Health Impacts of the Aral Sea Disaster," Primary Care Research Unit, Sunnybrook & Women's College Health Science Centre. Toronto, Ontario, May 2000.
  39. "Values in Health Policy," Invited Commentary, Centre for Health Policy and Economic Analysis 13<sup>th</sup> Annual Health Policy Conference. Hamilton, Ontario, May 2000.
  40. "The evidence program," HEALNet Research Workshop. Banff, Alberta, 9 April 2001.
  41. "The Anticoagulation Program and Residents Breast Cancer Screening Decisions," Family Health Research Unit Rounds. 12 April 2001.
  42. "Practical Tips for Interpreting Randomized Trials," Menopause, Health and Primary Care. 25 April 2001.
  43. "The Health Impact of the Aral Sea Disaster," Family Practice Rounds, Sunnybrook & Women's College Health Science Centre. Toronto, Ontario, 16 May 2001.
  44. "Justice Issues in Humanitarian Medical Intervention," Daylong Workshop, MSF Holland. Soesterburg, The Netherlands, 12 June 2001.
  45. "Qualitative Research and Evidence," Qualitative Research Interest Group Seminar, University of Toronto. Toronto, Ontario, October 2001.
  46. "The Health Impact of the Aral Sea Disaster," Gage Institute for Environmental

- Health, University of Toronto. Toronto, Ontario, January 2002.
47. Response to the Keynote Address by Dr. Lawrence Gostin, Public Health Ethics: Towards a Research Agenda – An International Symposium, Victoria University, University of Toronto. Toronto, Ontario, May 2002.
  48. “Complex Environmental Disasters,” Canadian Association for the Study of International Development, Congress of Learned Societies, University of Toronto. Toronto, Ontario, May 2002.
  49. “The Precautionary Principle,” Faculty Rounds, Community Medicine Residency Program, University of Toronto. Toronto, Ontario, May 2003.
  50. “Evidence based medicine in primary care: Results of a national study,” Department of Family and Community Medicine Research Rounds, University of Toronto. Toronto, Ontario, May 2003.
  51. “The Time Series Project,” Institute of Clinical Evaluative Sciences. Toronto, Ontario, May 2003.
  52. Invited Moderator, Ethical Issues in Health Research, National Institutes of Health. Sofia, Bulgaria, June 2003.
  53. “Lessons Learned from the SARS Epidemic,” University of Toronto Joint Centre for Bioethics. Toronto, Ontario, June 2003.
  54. “The association between socioeconomic status and mortality from community acquired pneumonia in the elderly,” Integrated Health Research Team National Meeting, McMaster University. Hamilton, Ontario, June 2003.
  55. “Towards a uniform framework for the ethical review of research studies,” MSF International. Brussels, Belgium, July 2003.
  56. “Is research essential to the academic survival of Family Medicine?,” Faculty of Medicine Visiting Professorship, University of Manitoba. Winnipeg, Manitoba, 27 September 2003.
  57. “Teaching Ethics in Family Medicine, Meeting the Challenges,” Faculty of Medicine Visiting Professorship, University of Manitoba. Winnipeg, Manitoba, 27 September 2003.
  58. “Evidence based Medicine is Dead! Long Live Evidence based Medicine!,” Family Medicine Grand Rounds, Faculty of Medicine Visiting Professorship, University of Manitoba. Winnipeg, Manitoba, 27 September 2003.
  59. “The health consequences of an environmental disease: The case of the Aral Sea,” Invited Public Lecture, Faculty of Medicine Visiting Professorship, University of Manitoba. Winnipeg, Manitoba, 27 September 2003.
  60. “Ethics and SARS: Learning Lessons from the Toronto Experience,” Ethics Grand Rounds, Faculty of Medicine Visiting Professorship, University of Winnipeg. Winnipeg, Manitoba, 27 September 2003.

61. "The SARS Epidemic: How to manage health care personnel," Bioethics Grand Rounds, Magnusson Center for Bioethics, National Institutes of Health. Washington, DC, 1 October 2003.
62. "Lessons Learned from the SARS Outbreak," Epidemiology and Community Health Research Lecture Series, University of Western Ontario. London, Ontario, October 2003.
63. "Lessons Learned from the SARS Outbreak," Scarborough Grace Hospital. Scarborough, Ontario, October 2003.
64. "The SARS Epidemic: How to manage health care personnel," Ontario Medical Education Network. October 2003.
65. "Lessons Learned from the SARS Outbreak," Medical Grand Rounds, Sunnybrook & Women's College Health Science Centre. Toronto, Ontario, February 2004.
66. "The University of Toronto MHS Program in Bioethics," Fogarty International Center, National Institutes of Health. Washington, DC, September 2004.
67. "Primary Prevention," Saturday at the University, University of Toronto. Toronto, Ontario, November 2004.
68. "A framework for analysis of study proposals," MSF International Research Ethics Board. Barcelona, Spain, December 2004.
69. "Where should MSF set the bar in terms of ethics appraisal?," MSF International Research Ethics Board. Barcelona, Spain, December 2004.
70. "Public Health Ethics," University of Alberta Health Law Institute. Edmonton, Alberta, January 2005.
71. "Non medical exemptions to vaccination," University of Toronto Joint Centre for Bioethics. Toronto, Ontario, April 2005.
72. "Operationalizing a complex disaster," Keynote Lecture, Children's Environmental Health in Central Asia. Almaty, Kazakhstan, April 2005.
73. "Public Health Ethics," Centre for the AIDS Programme of Research in South Africa (CAPRISA). Durban, South Africa, July 2005.
74. "Enhancing the Legitimacy of Public Health Response in Pandemic Influenza Planning: Lessons from SARS," Yale University. New Haven, Connecticut, October 2005.
75. "Surviving SARS, Preparing for Pandemics: Ethics, Infectious Diseases and Modern Health Care Organizations," Pediatric Grand Rounds, The Hospital for Sick Children. Toronto, Ontario, November 2005.
76. "Ethics issues in environmental health research," Centre for Environment, University of Toronto. Toronto, Ontario, 10 November 2005.
77. "Ethical Considerations in Infectious Diseases: Duties, Rights and Responsibilities for the Health Care Community," McMaster University Health Sciences. Hamilton,

- Ontario, January 2006.
78. Invited Panelist, "Regulatory, legal and ethical challenges in drug and vaccine approvals during public health emergencies," Forum on Microbial Threats. Washington, DC, March 2006.
  79. Invited Panelist, "Ethical, legal and economic dimensions of quarantine, containment, animal culling, and compensation," Forum on Microbial Threats. Washington, DC, March 2006.
  80. "Ethical issues in pandemic planning: The critical issue of duty to care for health care providers," Education Session #5, Association of Nurse Executives of the Greater Toronto Area (ANEGTA). Toronto, Ontario, April 2006.
  81. "Representing qualitative methods: Qualitative research has equal footing with quantitative methods on the evidence hierarchy – What is a hierarchy anyway?," The Population Health Sciences Research Program – A Health Research Debate, The Hospital for Sick Children. Toronto, Ontario, April 2006.
  82. "Influenza pandemic (emergency response) planning: ethical considerations," The Ethics of Pandemic Planning, Maxwell Meighen Centre. Toronto, Ontario, April 2006.
  83. "Overview of ethics project," Three Years after SARS: What have we learned about ethical and legal issues in responding to infectious disease threats?, CIHR Joint Invitational Workshop. Toronto, Ontario, April 2006.
  84. "Ethics Talk III: Restrictive measures," Three Years after SARS: What have we learned about ethical and legal issues in responding to infectious disease threats?, CIHR Joint Invitational Workshop. Toronto, Ontario, April 2006.
  85. (with L. Jaakkimainen) "A Primary Care Atlas for Ontario," Department of Family and Community Medicine Research Rounds, University of Toronto. Toronto, Ontario, April 2006.
  86. "Containing the conflicts of conscious: Ethical considerations in physician preparedness for pandemics," 2006 Annual General Meeting, Federation of Medical Regulatory Authorities of Canada (FMARC). Kananaskis, Alberta, June 2006.
  87. "The ethical aspect of the fight against an avian influenza pandemic," First International Conference on Avian Influenza in Humans: Latest advances on prevention, therapies and protective measures, Asian European Conference on Avian Influenza 2006. Pasteur Institute, Paris, 30 June 2006.
  88. "Ethical Considerations in Preparedness Planning for Pandemic Influenza," Toronto Community Care Access Centre (CCAC). Toronto, Ontario, 20 September 2006.
  89. "Ethical considerations for pandemic planning," Infectious Diseases/Microbiology Rounds. Toronto, Ontario, 26 September 2006.
  90. "Who will Live? Power, Politics, and the Future of Global AIDS Treatment," Invited Commentary, Annual William J. Bicknell Lectureship in Public Health, Boston University School of Public Health. Boston, Massachusetts, September 2006.

91. "Ethical framework for pandemic influenza planning," OACCAC Planning for a Pandemic: A Conference for the Home & Community Sector. Toronto, Ontario, September 2006.
92. "From SARS to Bird Flu: The Canadian Experience," Keynote Lecture, Conference on Ethical Dilemmas in a Pandemic, Irish Council for Bioethics. Dublin, Ireland, October 2006.
93. "Obligations of health care workers in a pandemic," World Health Organization. Geneva, Switzerland, October 2006.
94. "The issues of tissue exportation," Médecins Sans Frontières. Barcelona, Spain, October 2006.
95. "Communicable Disease and the Ethics of Confinement," Invited Panelist, The Role of Law in Promoting and Protecting the Public's Health – Canadian Conference on the Public's Health and the Law, Public Health Agency of Canada. Toronto, Ontario, 6 November 2006.
96. "Finding the Balance: Tools for Promoting and Protecting the Public's Health," Invited Panelist, The Role of Law in Promoting and Protecting the Public's Health – Canadian Conference on the Public's Health and the Law, Public Health Agency of Canada. Toronto, Ontario, 7 November 2006.
97. "Surviving SARS, Preparing for Pandemics: Ethics, Infectious Diseases and Modern Health Care Organizations," Medical Grand Rounds, Department of Medicine, University Health Network/Mount Sinai Hospital. Toronto, Ontario, 8 November 2006.
98. "Ethics in a Pandemic," Keynote Address, Research Ethics for a Changing Landscape, 2006 Annual Meeting, Research Ethics Boards of South-Western Ontario (SWOREB). Toronto, Ontario, 23 November 2006.
99. "Surviving SARS, Preparing for Pandemics: Ethics, Infectious Diseases and Modern Health Care Organizations," Trillium Health Centre. Mississauga, Ontario, 28 November 2006.
100. "Mandatory Influenza Immunization of Health Care Workers: Con," Celebrating Immunization in Canada: Achievements and Opportunities, 7<sup>th</sup> Canadian Immunization Conference. Winnipeg, Manitoba, 4 December 2006
101. "Surviving SARS, Preparing for Pandemics: Ethics, Infectious Diseases and Modern Health Care Organizations," Humber River Regional Hospital. Toronto, Ontario, 7 December 2006.
102. "Four arguments against mandatory vaccination," 7<sup>th</sup> Canadian Conference on Immunization. Winnipeg, Manitoba, December 2006.
103. "Evidence based medicine is dead: Long live evidence based medicine," City-Wide Clinical Epidemiology Rounds, University of Toronto. Toronto, Ontario, 24 January 2007.
104. (with Karen Faith) "Ethics & Pandemic Preparedness," Ethics Forum on Pandemic

- Preparedness, St. Boniface General Hospital. Winnipeg, Manitoba, 30 January 2007.
105. (with Timothy Caulfield and Karen Faith) "Allocation and Rationing in a Pandemic," Ethics Forum on Pandemic Preparedness, St. Boniface General Hospital. Winnipeg, Manitoba, 30 January 2007.
  106. (with Timothy Caulfield and Karen Faith) "'Duty to Care' in a Pandemic," Ethics Forum on Pandemic Preparedness, St. Boniface General Hospital. Winnipeg, Manitoba, 30 January 2007.
  107. "Surviving SARS, Preparing for Pandemics: Ethics, Infectious Diseases and Modern Health Care Organizations," Wesleyan University. Middletown, Connecticut, 20 February 2007.
  108. "Shoe Leather Epidemiology and SARS," Wesleyan University. Middletown, Connecticut, 21 February 2007.
  109. "Are We Ready for the Next Pandemic? Lessons Learned from Mumps and SARS," Preventive Medicine 2007, American College of Preventive Medicine. Miami, Florida, 22 February 2007.
  110. "The slight, the fair, and the very strong: The meaning of evidence in Public Health from Bradford Hill to the Campbell Commission," Keynote Address, Public Health Sciences Research Day, University of Toronto. Toronto, Ontario, 1 March 2007.
  111. "Surviving SARS, Preparing for Pandemics: Ethics, Infectious Diseases and Modern Health Care Organizations," Centre for Health Economics and Policy Analysis (CHEPA), McMaster University. Hamilton, Ontario, 21 March 2007.
  112. "Surviving SARS, Preparing for Pandemics: Ethics, Infectious Diseases and Modern Health Care Organizations," Invited Public Lecture, University of Western Ontario. London, Ontario, 4 April 2007.
  113. "What does it mean to know a disease? The case of tuberculosis," Bioethics Research Group, University of Western Ontario. London, Ontario, 5 April 2007.
  114. "Surviving SARS, Preparing for Pandemics: Ethics, Infectious Diseases and Modern Health Care," Centre for Ethics Seminar Series, University of Toronto. Toronto, Ontario, 9 April 2007.
  115. "The Duty to Care (Physicians and Caring for Patients)," Pediatric Academic Societies' Annual Meeting. Toronto, Ontario, 8 May 2007.
  116. "What does it mean to 'know' a disease? The Tragedy of XDR-TB?," Public Health Ethics Conference. Birmingham, UK, 17 May 2007.
  117. (with Erica Sutton) "Public health ethics, human rights and discourse: a call for clearer vaccine exemption typology to improve population health," Public Health Ethics Conference. Birmingham, UK, 17 May 2007.
  118. "Research ethics: Why bother?," Research Ethics Day, Clinician Investigator Program, University of Toronto Faculty of Medicine. Toronto, Ontario, 8 June 2007.

119. "Research ethics: Why Bother? Maintaining trust and integrity in clinical and biomedical research," Issues in Clinical Research Rounds, St. Michael's Hospital. Toronto, Ontario, 14 June 2007.
120. "Who should be given prophylaxis in a pandemic setting?," Roche Satellite Symposium, Options for the Control of Influenza VI Congress. Toronto, Ontario, 20 June 2007.
121. "Managing Complex Chronic Disease in Family Medicine," Family Medicine Grand Rounds, Sunnybrook Health Sciences Centre. Toronto, Ontario, 18 July 2007.
122. "Uncertainty, Evidence and Ethics," "Change" Summer Series on "Ethics of Change," University of Toronto Radiation Medicine Program, Princess Margaret Hospital. Toronto, Ontario, 16 August 2007.
123. "Overcoming Clinical Despair: The Challenges of Complex Chronic Disease Management in Family Medicine," ICES/CEU Rounds, Sunnybrook Health Sciences Centre. Toronto, Ontario, 4 September 2007.
124. "Trust, Reciprocity and Care," Affirming an Ethic of Care: Caring Globally, Nationally, Institutionally and Personally, The Centre for Clinical Ethics Annual Fall Conference. Toronto, Ontario, 28 September 2007.
125. "The Law, Science and Ethics of Rights & Obligations of Healthcare Workers and the Duty to Care," Judging Through a Pandemic: The Science, Ethics, and Law of Infectious Disease Outbreaks, National Judicial Institute. Vancouver, British Columbia, 29 October 2007.
126. "Emergency Preparedness: All Hazards Response Planning," Judging Through a Pandemic: The Science, Ethics, and Law of Infectious Disease Outbreaks, National Judicial Institute. Vancouver, British Columbia, 30 October 2007.
127. "Situating Ethics in Public Health Practice and Research," National Roundtable on Public Health Ethics, Public Health Agency of Canada. Montreal, Quebec, 8 November 2007.
128. "Ethics and Working During the Next Pandemic," Toronto Invasive Bacterial Diseases Network Education Day. Toronto, Ontario, 15 November 2007.
129. "Evidence and Public Health – From Bradford to Campbell," Applying the precautionary principle to various public health scenarios: what, when, why and how?, CPD MainCert Program for Medical Officers of Health and Boards of Health. Toronto, Ontario, 6 December 2007.
130. "Ethical Dilemmas in a Pandemic," Second National Emergency Management Summit. Washington, DC, 3 February 2008.
131. "Addressing Ethical Issues in Pandemic Flu Planning," Conference Board of Canada Business Continuity and Pandemic Preparedness Conference. Toronto, Ontario, 3 March 2008.
132. (with Lorna Jean Edmonds) "Responsibilities and Issues for Universities on Global Health Challenges: Education, Research and Service at home and abroad," 4<sup>th</sup>

- Annual Lecture Series, Centre for International Health, Faculty of Medicine, University of Toronto. Toronto, Ontario, 13 March 2008.
133. "Informed Decision-Making and Ethics," 2008 Cancer Conference on Cancer Screening. Toronto, Ontario, 27 March 2008.
  134. "Ethical issues in pandemic preparedness," College of Physicians and Surgeons of Nova Scotia Council. Halifax, Nova Scotia, 28 March 2008.
  135. "Complex chronic disease in primary care: Preliminary results and a research agenda," Primary Care & Population Health Program Meeting, Institute for Clinical Evaluative Sciences (ICES), Sunnybrook Health Sciences Centre. Toronto, Ontario, 9 April 2008.
  136. "Research Ethics, Why Bother?," Keynote Presentation, New Brunswick Consortium of Bioethics Conference. Fredericton, New Brunswick, 25 April 2008.
  137. "Health Care Workers Obligations in Pandemic Situations," New Brunswick Consortium of Bioethics Conference. Fredericton, New Brunswick, 25 April 2008.
  138. "Surviving SARS and Beyond: Duties and Obligations," Plenary Address, "Me, Thee or We? Treading the Rising Waters of Ethical Obligation, 17<sup>th</sup> Annual Ethics Conference, presented by the College of Physicians & Surgeons of British Columbia, British Columbia Medical Association, and the BC College of Family Physicians. Vancouver, British Columbia, 9 May 2008.
  139. (Panel Member) "Evidence-based Medicine through an Ethics Lens," "Me, Thee or We? Treading the Rising Waters of Ethical Obligation, 17<sup>th</sup> Annual Ethics Conference, presented by the College of Physicians & Surgeons of British Columbia, British Columbia Medical Association, and the BC College of Family Physicians. Vancouver, British Columbia, 10 May 2008.
  140. (Workshop Leader) "Pandemics: Planning for the Inevitable," "Me, Thee or We? Treading the Rising Waters of Ethical Obligation, 17<sup>th</sup> Annual Ethics Conference, presented by the College of Physicians & Surgeons of British Columbia, British Columbia Medical Association, and the BC College of Family Physicians. Vancouver, British Columbia, 10 May 2008.
  141. Moderator. "Imagination and Research – How do you harness and focus global creativity?," Convergence of Art & Science – global Health Perspectives Conference, Hart House, University of Toronto. Toronto, Ontario, 2 June 2008.
  142. "Research Ethics: Why Bother? Maintaining trust and integrity in clinical and biomedical research," St. Michael's Hospital Research Ethics Board Retreat. Toronto, Ontario, 4 June 2008.
  143. (Workshop participant with Prabhat Jha and Barry Pakes.) "Global Health: Toronto as a world village," Determinants of Our Health: Toronto in a Global Village – A Sectors without Borders Symposium, City of Toronto Public Health and Dalla Lana School of Public Health Sciences. Toronto, Ontario, 30 October 2008.
  144. "Ethical Challenges in Pandemic Preparedness (The CanPREP Project)," Canadian Pandemic Preparedness Meeting: From Discovery to Frontlines, presented by CIHR

- Institute of Infection and Immunity (CIHR-III) Pandemic Preparedness Strategic Research Initiative (PPSRI), the Public Health Agency of Canada (PHAC) and the Canadian Food Inspection Agency (CFIA). Winnipeg, Manitoba, 7 November 2008.
145. "Evidence-Based Medicine is Dead! Long Live Evidence-Based Medicine," Critical Debates in Evidence-Based Medicine: Where We've Been, Where We're Going, Victoria College, University of Toronto. Toronto, Ontario, 14 November 2008.
  146. "Challenges of Chronic Disease Management in Primary Care: Results of recent studies conducted at the Primary Care Research Unit," Family Practice Rounds, Sunnybrook Health Sciences Centre. Toronto, Ontario, 3 December 2008.
  147. Discussant in response to presentation by Michele Kohl, "Values and Priority Setting in the Home Care Sector in Ontario," Health Care, Technology, and Place Seminar, University of Toronto. Toronto, Ontario, 28 January 2009.
  148. "Understanding, exploring and acknowledging context: Are mixed methodologies the answer?," Health Care 2009: Methods, Measurement and Engagement, presented by ICES, Government of Ontario, and the Canadian Institute for Health Information. Toronto, Ontario, 2 February 2009.
  149. "Public Health Ethics," Keynote Presentation, Building Public Health Ethics from the Ground Up: Clarifying the Issues, Framing the Future. Toronto, Ontario, 24 February 2009.
  150. "Pandemic Preparedness: What are the hard questions?," Keynote Presentation, One Day Invited Think Tank -- Idea Panel on Pandemic Preparedness: what should we do / what can we do ... The Public Health Response, in collaboration with Longwoods Publishing. King City, Ontario, 1 April 2009.
  151. "Ethical Foundations of Research with Human Subjects," Health Regulation Ethics, PAHO/WHO International Meeting. Santiago, Chile, 23 April 2009.
  152. "Why Is Global Health Science Complicated?," series on Global Health Research Ethics (organized by Dr. James V. Lavery) for YourProf.com. Toronto, Ontario, 29 April 2009. [Available for purchase at [www.yourprof.com](http://www.yourprof.com).]
  153. "Collaboratory for Innovation and Research in Complex Chronic Disease," Keynote Presentation, Bridgepoint Health Foundation Board of Directors Meeting. Toronto, Ontario, 29 April 2009.
  154. "Ethics and Statistical Inference," Annual Statistics Research Day, Department of Statistics, University of Toronto. Toronto, Ontario, 5 May 2009.
  155. (Panel discussion with David Andrews, Andreas Buja, and Jeffrey Rosenthal.) "The Future of Statistical Science," Annual Statistics Research Day, Department of Statistics, University of Toronto. Toronto, Ontario, 5 May 2009.
  156. (with Rahim Moineddin.) "Transition Probability Modelling," Primary Care and Population Health Meeting, Institute for Clinical Evaluative Sciences (ICES). Toronto, Ontario, 6 May 2009.
  157. "Ethical Issues in Pandemic Response: Challenges from Local Context to Global

- Response," Healthcare Rounds, St. Joseph's Healthcare. Hamilton, Ontario, 20 May 2009.
158. "Trusting and Knowing," Ethical Issues in Healthcare 2009, New Brunswick Consortium of Bioethics (NBCB) Conference. Saint John, New Brunswick, 28 May 2009.
  159. "Ethics around the areas of an overview, behind the decision making, and prioritization of services," Keynote Presentation, "The Pandemic Influenza: Where are we now?," Ontario Hospital Association. Toronto, Ontario, 24 June 2009.
  160. (with Allison McGeer, Susy Hota, and Brian Schwartz.) Panel presentation, "Lessons Learned," "The Pandemic Influenza: Where are we now?," Ontario Hospital Association. Toronto, Ontario, 24 June 2009.
  161. "Ethical Challenges in an Outbreak Research Response," Canadian Pandemic Preparedness Meeting: H1N1 Outbreak Research Response. Toronto, Ontario, 8 July 2009.
  162. "Duty to Care and Ethical Implications," Protecting Health Care Workers Task Force Meeting, Critical Care Canada Forum. Toronto, Ontario, 14 July 2009.
  163. "Pandemic Policy," Executive Committee Meeting, College of Physicians and Surgeons of Ontario. Toronto, Ontario, 14 July 2009.
  164. "Emerging Ethical Issues in the H1N1 Pandemic," Public Symposium: "Ethics and Pandemic Influenza," Canadian Program of Research on Ethics in a Pandemic (CanPREP), University of Toronto Joint Centre for Bioethics. Toronto, Ontario, 23 September 2009.
  165. "Physician Obligations in a Pandemic," Executive Committee Meeting, College of Physicians and Surgeons of Ontario. Toronto, Ontario, 24 September 2009.
  166. "Ethical aspects of international research and research with marginalized populations," AllerGen NCE Inc. Network Wide Research Workshop on Ethics Review. Toronto, Ontario, 17 December 2009.
  167. Discussant for seminar by Yvonne Bombard, "Informing evidence-based policy on expanded newborn screening: Engaging the general public on the provision and governance of newborn screening," Healthcare, Technology, and Place Seminar, University of Toronto. Toronto, Ontario, 13 January 2010.
  168. (Workshop presentation with Mike Allan.) "Practical approaches to reconciling guidelines with patient-oriented care," Patient-Oriented Primary Care – Scaling Up Innovation, Canadian Institutes of Health Research Primary Care Summit. Toronto, Ontario, 19 January 2010.
  169. "Managing a research career: What they don't teach you in school," Department of Family and Community Medicine Rounds, University of Toronto. Toronto, Ontario, 21 January 2010.

## Papers Presented

1. "Enhancing the legitimacy of pandemic influenza planning: The JCB ethics framework," Bioethics Seminar Series, University of Toronto Joint Centre for Bioethics. Toronto, Ontario, April 2006.
2. "The primary care perspective," CURC and CUOG Consensus Conference. King City, Ontario, May 2006.
3. "Surviving SARS: Preparing for Pandemics: Ethical challenges of infectious diseases for health care organizations," University of Toronto Joint Centre for Bioethics. Toronto, Ontario, June 2006.
4. "Town Hall Meeting on Priority Setting for Pandemic Influenza," University of Toronto Joint Centre for Bioethics. Toronto, Ontario, 23 August 2006.
5. (with Angus Dawson) "Intersection of Public Health Ethics and Clinical Ethics," Bioethics Rounds, University of Toronto Joint Centre for Bioethics. Toronto, Ontario, 15 November 2006.
6. "State of the JCB," Bioethics Seminar Series, University of Toronto Joint Centre for Bioethics. Toronto, Ontario, 17 January 2007.
7. "HIV and TB: Ending the Clash of Cultures," on behalf of Dignitas International. Zomba, Malawi, 14 March 2007.
8. (with Karen Faith.) "Ethical Considerations in Preparedness Planning for Pandemic Influenza," Current Topics in Pharmacy Practice XXXI, Department of Pharmacy Annual Clinical Ethics Day, Sunnybrook Health Sciences Centre. Toronto, Ontario, 21 April 2007.
9. (Chair and Respondent) "Corporate Responsibility," The Convergence of Health and Law: International Perspectives, 5<sup>th</sup> Annual Global Health Research Conference. Toronto, Ontario, 8 May 2007.
10. Chair of Paper Session III, Public Health Ethics Conference. Birmingham, UK, 17 May 2007.
11. (with Angus Dawson, Steve Holland, and Alan Cribb) "Reflections on process and next steps," Public Health Ethics Conference. Birmingham, UK, 18 May 2007.
12. "What does it mean to "know" a disease? The Tragedy of XDR-TB," University of Toronto Joint Centre for Bioethics Seminar Series. Toronto, Ontario, 19 September 2007.
13. Moderator – Public Health Ethics in Practice, National Roundtable on Public Health Ethics, Public Health Agency of Canada. Montreal, Quebec, 9 November 2007.
14. (Moderator). "Therapeutic Detention in an Age of Suspension," Public Issues Forum, Centre for Bioethics and Joint Centre for Bioethics. Toronto, Ontario, 6 February 2008.
15. (with Elizabeth Rea) "TB Update Session," Clinical Ethics Group Meeting, University of

Toronto Joint Centre for Bioethics. Toronto, Ontario, 26 March 2008.

## 6. TEACHING AND DESIGN

- **Jagellonian University Krakow Poland, July 1999**  
Guest Faculty, Epidemiology in Public Health Summer School. July 9-16

### **University of Toronto** **Undergraduate Medical Curriculum** **1998-**

#### *Course Development and Leadership*

- Course co-ordinating committee, Determinants of Community Health: Responsible for the creation and planning of the four year course.
- Module Leader: Population Health: Developed experiential and seminar based module for 175 medical students 1998-9.
- Year 3 Planning Committee
- Member and Chair, Ethics Review Board, Determinants of Community Health 2 (2003-)

#### *Lectures:*

- 2006- Year 1 Ethics, TB and Schizophrenia, Principles of Prevention, Ethics and Health Promotion
- 2003- Year 1 Ethics, TB and Schizophrenia, Principles of Prevention, Ethics and Health Promotion, Year 2: Introduction to research ethics. Year 3 The concept of evidence in health care
- 2002- 2001-: Year 1 Ethics, TB and Schizophrenia , Ethics and Health Promotion, , Principles of Prevention
- Year 2: Introduction to research ethics. Year 3 The concept of evidence in health care
- 2000: Research Ethics; Ethics, TB and Schizophrenia; Ethics and Health Promotion
- 1999: Principles of Population Health; Ethics, TB and Schizophrenia, Ethics and Health Promotion
- Course description can be found on line at:  
<http://www.facmed.utoronto.ca/programs/md/curriculum/clerkship/year4/DOC400.htm>

#### *Other:*

- Guest Lecture in Determinants of Health 1998, Seminar leader in HIV and Ethics 1999

### Graduate

#### **Graduate School of Community Health, Department of Public Health Sciences**

- 2003-present: Co-direct course in public health ethics with Dr Ann Robertson
- 2000-3: CHL5418S, Scientific Overviews in Epidemiology. Three hour seminar on the interpretation of discordant systematic reviews. (3 hour seminar)
- 2000-present: Core Three: Lecture on Evidence (1 hour lecture)
- 1999-present: Core Three: Lecture on Informed Consent (1/2 hour lecture)

#### **MHSc Family Medicine**

- 2003-present: Evidence based medicine 2 hour seminar
- 2002-present: Research Issues in Family Medicine and Primary Care. Therapy 2 hour seminar

- 2001: Research Issues in Family Medicine and Primary Care. Therapy 2 hour seminar
- 2000: Research Issues in Family Medicine and Primary Care. Therapy 2 hour seminar

### **Community Medicine Residency Program**

- 2002: Guest facilitator, Ethics and Community Medicine (May-August: contributed to conception and design, facilitated 2 sessions each 90 minutes of a seven session)

### **Institute of Medical Science 1999-present**

- Course Director: Empirical Approaches in Bioethics for MHS program in Bioethics (MSC 3003Y). Responsible for overall course content and evaluation. Create and deliver 8 four hour modules.
- Guest Seminars 2000- (4 hours each) in other courses including Evaluation and Ethics Services, Public Health Ethics and Educational Evaluation
- *Course Development:*
  - Co-designed MHS in Bioethics Program with Dr. William Harvey and Dr. Peter Singer. Responsible for writing the document and researching the format of the program.
  - Full course and program details available at: <http://www.jointcentreforbioethics.ca/education/mhsc.shtml>

### **Post Graduate**

#### **1998-**

Clinical Instruction of Family Practice Residents  
Primary Supervisor:

1. Dr. Carrie Bernard: 1998-9
  2. Dr. Yuriy Tatuch: 1998-2000
  3. Dr. Shawn Whately: 1998-2000
  4. Dr. Rom DiCecco: 1999-2001
  5. Dr. Leevin Mah: 2000-2002
  6. Dr. Jeff Kwong: 2001-2003
  7. Dr. David Price: 2002-2004
  8. Dr. Negin Liaghetti: 2003-2005
  9. Dr. Pedram Kazemian: 2004-2006
  10. Dr. Kamil Premji: 2005-2007
  11. Dr. Peter Simkovich: 2006-2008
  12. Dr. Faraborz Keyanzadeh: 2007-2009
  13. Dr. Hong Ge: 2008-2010
- Also co-supervised other residents on block time and in teaching clinics (approximately 60 other residents).
  - Developed implemented course for residents in Evidence-Based Medicine that has run on a weekly basis since 1998. ( 1 hour per week September-June)
  - *Lectures:*
    - 1999-present: 1 hour Core day lectures on Evidence-based medicine (6 per year)

### **Post-Professional/CME**

- 1998: Steering Committee, Postgraduate Ethics Teaching 1/2 Day.
- 2000: Teaching Practices
- 2008: The Royal College of Physicians and Surgeons of Canada Bioethics Education Project (BEProject) Case – 7.2.3, “[Enforcing Quarantine Orders/Application de mesures restrictives pour lutter contre les maladies transmissibles](#)” (Full list of cases available online at [http://rcpsc.medical.org/bioethics/intro\\_e.php](http://rcpsc.medical.org/bioethics/intro_e.php))

- 2007-2009: Module 3: Global Health, Public Health Ethics & Public Health Research Ethics, IRENSA – Diploma in International Research Ethics, Cape Town, South Africa. This is a Fogarty International Center (US National Institutes of Health) supported capacity building programme for research ethics in Southern Africa.

#### **University of Winnipeg: 1979-81**

- Teaching Assistant: Introduction to Philosophy

#### **Queen's University: 1981-83**

- Teaching Assistant: Logic, Business Ethics, Introduction to Philosophy

#### **University of Winnipeg: 1983**

- Summer Sessional Lecturer: Critical Thinking and Philosophy of Education

#### **McMaster University: 1997-1998**

- Instructor in the Diploma Program in Environmental Health 1997-1998. Guest Lectures in October 1998
- Tutor in Observational Epidemiology, Graduate Program in Medical Sciences
- Guest Lecturer, Medical Ethics

#### **University of Toronto:**

- *Determinants of Health*: Course Co-ordinating Committee; Design of problem based seminars for 175-225 medical students on issues in Public Health, Environmental Health, Population Screening, and Epidemiology. Tutor in the Population Health and Health Care System Modules, 1994-1997
- Co-Instructor: Graduate School of Community Health, Environmental Epidemiology, 1996-1997
- Guest Lecturer: Issues in Community Health, Graduate School of Community Health, 1996-1997
- Lecturer, Foreign Medical Graduates Program, 1997
- Lecturer, Community Health and Nursing, Faculty of Nursing, 1997
  - Seminar Leader: Graduate School of Community Health, Environmental Epidemiology, 1996
  - Seminar Leader: Undergraduate Ethics Curriculum, Issues in HIV, Informed Consent, Truth Telling, 1994-1997
  - Question Preparation for LMCC Practice Exam, Public Health, 1995-1996
- 1987-1993 Clinical instruction to medical students and residents on elective placement at the Chesley Medical Clinic.

## **7. Research Student Supervision**

### Graduate

#### **McMaster University**

1. Mr. Eric Crighton. *Psychosocial impacts of an environmental disaster in Karakalpakstan (Uzbekistan)*. MA thesis successfully defended on 6 September 2000. [Thesis committee member]
2. Mr. Eric Crighton. *Pneumonia and influenza hospitalizations in Ontario: a spatial, temporal, and spatial-temporal analysis*. PhD successfully defended on 7 December 2005. [Thesis committee member] Publications resulting from this thesis:

- Crighton EJ, Moineddin R, Mamdani M, **Upshur RE**. Influenza and pneumonia hospitalizations in Ontario: a time-series analysis. *Epidemiology and Infection* 2004; 132: 1167-74.
- Crighton EJ, Elliott SJ, Moineddin R, Kanaroglou P, **Upshur RE**. An exploratory spatial analysis of pneumonia and influenza hospitalizations in Ontario by age and gender. *Epidemiology and Infection* 2007; 135: 253-61.
- Crighton EJ, Elliott SJ, Moineddin R, Kanaroglou P, **Upshur R**. A spatial analysis of the determinants of pneumonia and influenza hospitalizations in Ontario (1992-2001). *Social Science and Medicine* 2007; 64: 1636-50.
- Crighton EJ, Elliott SJ, Kanaroglou P, Moineddin R, **Upshur REG**. Spatio-temporal analysis of pneumonia and influenza hospitalizations in Ontario, Canada. *Geospatial Health* 2008; 2(2): 191-202.

### University of Alberta

1. Shannon Scott-Findlay, PhD Reading Course, 2001-02.

### University of Toronto

#### Current – Primary Supervisor

1. Dr. Barry Pakes. "Ethical Analysis in Public Health Practice," enrolled in a PhD programme through the Institute of Medical Science in September 2003. [Primary Supervisor] **\*\*CIHR Fellowship Award Winner**
2. Ms. Marian Adly. "Limiting the Collateral Damage of SARS: The Ethics of Priority Setting," enrolled in a MSc programme through the Institute of Medical Science in September 2004. [Primary Supervisor]
3. Ms. Erica Sutton. "Ethical implications of Ontario's expanded newborn screening program for genetic research," enrolled in a PhD programme through the Dalla Lana School of Public Health Sciences in September 2005. [Primary Supervisor] **\*\*CIHR Fellowship Award Winner**
4. Dr. Victor Cellarius. "The Conceptual Structure of Palliative Care Ethics in Canada," enrolled in a PhD programme through the Dalla Lana School of Public Health Sciences in September 2006. [Primary Supervisor] **\*\*CIHR Fellowship Award Winner**
5. Dr. Arik Bergman. "Primary Care for the Dialysis Patient," enrolled in a MSc in Health Services Research programme through the Department of Health Policy, Management, and Evaluation in September 2007. [Primary Supervisor]
6. Mr. Diego Silva. "Lest We Forget: Incorporating the Needs of the Mentally Ill and the Homeless in Pandemic Influenza Preparedness Plans," enrolled in a PhD programme through the Dalla Lana School of Public Health in September 2008. [Primary Supervisor] **\*\*CIHR Frederick Banting and Charles Best Canada Graduate Doctoral Scholarship Winner**
7. Mr. Shawn Tracy. "Ethical issues in pandemic planning and response," enrolled in a PhD programme through the Institute of Medical Science in September 2009. [Primary Supervisor]

Current – Thesis Committee Member

1. Ms. Nancy Ondrusek. "What can we learn about research ethics from healthy subjects?," enrolled in a PhD programme through the Institute of Medical Science in September 2004. [Thesis committee member]
2. Mr. Eoin Connolly. "Organizational ethics," enrolled in a PhD programme through the Institute of Medical Science in September 2005. [Thesis committee member]
3. Ms. Heather Sampson. "What are the present Canadian Research Ethics Board (REB) review practices and is it possible to develop a practical and uniquely Canadian system of national REB education and review?," enrolled in a PhD programme through the Institute of Medical Science in September 2005. [Thesis committee member]
4. Ms. Brigit Ramsingh. "Food Hygiene, Food Standards and the UN's Codex Alimentarius Commission (1955-1975)," enrolled in a PhD programme through the Institute for the History & Philosophy of Science & Technology in September 2005. [Thesis Committee Member]
5. Mr. Robin Nunn. "A Funny Thing Happened On The Way To The Hospital: Uncertainty, Complexity and The Limits of Biomedical Knowledge," enrolled in a PhD programme through the Institute for the History and Philosophy of Science and Technology in September 2006. [Thesis committee member]
6. Dr. Tharani Kandasamy. "An Evaluation of Surgical Obstetric Care and Maternal Mortality in Afghanistan," enrolled in a MSc programme through the Department of Health Policy, Management, and Evaluation in September 2007. [Thesis committee member]
7. Mr. John Pringle. "Refugee Camp Health," enrolled in a PhD programme through the Dalla Lana School of Public Health Sciences in September 2007. [Thesis committee member]
8. Dr. Arun Radhakrishnan. "Optimizing Roles in Chronic Pain Management," enrolled in a MSc programme through the Department of Health Policy, Management, and Evaluation in September 2007. [Thesis committee member]
9. Dr. Lara El Zahabi-Bekdesh. "What authorization is required from the community to begin trials of modified mosquito vectors? Case studies from Mexico, Australia and Malaysia," enrolled in a PhD programme through the Institute of Medical Science in September 2007. [Thesis committee member]
10. Ms. Michelle Cleghorn. "Public engagement in health policy development: Defining effectiveness," enrolled in a MSc programme through the Institute of Medical Science in September 2008. [Thesis committee member]
11. Dr. Noah Ivers. "Designing Optimal Feedback for Primary Care," enrolled in a MSc (Clinical Epidemiology) programme through the Department of Health Policy, Management, and Evaluation in January 2009. [Thesis committee member]

### Completed – Primary Supervisor

1. Ms. Linda Vrbova. *The Association Between Socioeconomic Status and Community-Acquired Pneumonia in the Elderly in Ontario: A Population-Based Cohort Study Using Frequentist and Bayesian Statistical Methods*. MSc thesis successfully defended in September 2003. [Primary Supervisor] (Currently a PhD candidate, School of Population and Public Health, University of British Columbia) Publications resulting from this thesis:
  - Vrbova L, Crighton EJ, Mamdani M, Moineddin R, Upshur RE. Temporal analysis of acute myocardial infarction in Ontario, Canada. *Canadian Journal of Cardiology* 2005; 21: 841-5.
  - Vrbova L, Mamdani M, Moineddin R, Jaakimainen L, Upshur RE. Does socioeconomic status affect mortality subsequent to hospital admission for community acquired pneumonia among older persons? *Journal of Negative Results in Biomedicine* 2005; 4: 4.
2. Ms. Stephanie Nixon. *Canada's International Response to HIV/AIDS A Critical Public Health Ethics Inquiry*. PhD successfully defended in October 2005. [Co-Primary Supervisor] **\*\*CIHR Fellowship Award Winner** (Currently Assistant Professor, Department of Physical Therapy, University of Toronto)
3. Ms. Robin Hayeems. *Informed Consent and Genetic Databases: An Exploration of the Authorization Model*. PhD successfully defended on 18 April 2007. [Primary Supervisor] **\*\*CIHR Fellowship Award Winner** (Currently a Postdoctoral Fellow in the Department of Health Policy, Management, and Evaluation, University of Toronto)
4. Ms. Cécile Bensimon. *Communicable Disease Control in the New Millennium: A Qualitative Inquiry on the Legitimate Use of Restrictive Measures in an Era of Rights Consciousness*. PhD successfully defended on 14 April 2009. [Primary Supervisor] (Currently working at the University of Toronto Joint Centre for Bioethics)
5. Dr. Mona Gupta. *Is Evidence-Based Psychiatric Practice, Ethical Practice? A Conceptual and Qualitative Study*. PhD successfully defended on 2 September 2009. [Primary Supervisor] **\*\*CIHR Fellowship Award Winner** (Currently working as a staff psychiatrist at Women's College Hospital)

### Completed – Thesis Committee Member

1. Ms. Brenda Gamble. *The commercialization of hospital-based medical laboratory services: A comparative study in Ontario documenting and analyzing the implications for patients, providers and the health care system*. MSc thesis successfully defended in March 2002. [Thesis committee member] (Currently Assistant Professor and Supervisor, Health Studies Programme, Department of Social Sciences, University of Toronto at Scarborough)
2. Ms. Shannon Madden. *Priority setting in hospitals: an evaluation of strategic planning at University Health Network*. MSc thesis successfully defended in April 2003. [Thesis committee member] (Currently enrolled in a PhD programme through the Institute of Medical Sciences, University of Toronto)
3. Ms. Alison Thompson. *A Case Study of the Canadian Public Consultation of Xenotransplantation*. PhD successfully defended in October 2004. [Thesis

- committee member] (Currently Assistant Professor, Leslie Dan Faculty of Pharmacy, University of Toronto)
4. Dr. Chris Denny. *Youth at Risk in the Wilderness*. MSc successfully defended in November 2004. [Thesis committee member] (Currently Assistant Professor of Medicine, University of Toronto and Staff Physician, Sunnybrook Health Sciences Centre)
  5. Ms. Agnes Tong. *A Cross-sectional Study of Obstetrical Care Providers' and Patients' Knowledge, Attitudes, and Behaviors Towards Influenza Vaccination During Pregnancy*. MSc successfully defended on 18 April 2005. [Thesis committee member] (Currently enrolled in a PhD programme in clinical epidemiology at McMaster University) Publication resulting from thesis:
    - [Tong A, Biringer A, Ofner-Agostini M, Upshur REG, McGeer A. A Cross-sectional Study of Maternity Care Providers' and Women's Knowledge, Attitudes, and Behaviours Towards Influenza Vaccination During Pregnancy. \*Journal of Obstetrics & Gynaecology of Canada\* 2008; May: 404-10.](#)
  6. Ms. Sara Urowitz. *Autonomy and AIDS: Preferred Role in Decision Making among Individuals Registered with an HIV/AIDS Observational Database*. PhD successfully defended in April 2005. [Thesis committee member] (Currently Associate Scientist at University Health Network)
  7. Dr. Jeff Kwong. *The Effect of Ontario's Universal Influenza Immunization Program on Pneumonia & Influenza Hospitalizations*. MSc successfully defended on 17 August 2005. [Thesis committee member] (Currently a Scientist at the Institute for Clinical Evaluative Sciences (ICES) and a Family Physician, University Health Network)
  8. Ms. Barbara Gibson. *Men With Duchenne Muscular Dystrophy: A Bourdieusian Interpretation of Identity and Social Positioning*. PhD successfully defended in December 2005. [Thesis committee member] (Currently Assistant Professor, Department of Physical Therapy, University of Toronto) Publications resulting from thesis:
    - [Gibson BE, Upshur REG, Young NL, McKeever P. Disability, technology and place: Social and ethical implications of long-term dependency on medical devices. \*Ethics, Place & Environment\* 2007; 10\(1\): 7-28.](#)
    - [Gibson BE, Young NL, Upshur REG, McKeever P. Men on the margin: A Bourdieusian examination of living into adulthood with muscular dystrophy. \*Social Science & Medicine\* 2007; 65: 505-17.](#)
  9. Mr. Robert Sibbald. *Case Studies in Organizational Healthcare Ethics: Healthcare Foundations, Business Development and the Commercialization of Research*. MSc successfully defended on 31 May 2006. [Thesis committee member] (Currently Clinical Ethicist, London Health Sciences Centre, London, Ontario)
  10. Mr. Robert Williams. *The Experiences of Hospital Staff Report to Work During the SARS Outbreak of 2003 In Toronto: A Phenomenological Study*. PhD successfully defended on 19 June 2007. [Thesis committee member]
  11. Ms. Kirstin Borgerson. *Valuing and Evaluating Evidence in Medicine*. PhD successfully defended on 4 December 2007. [Thesis committee member] (Currently a tenure-track Assistant Professor, Department of Philosophy, Dalhousie University, 1 July 2009)

12. Ms. Pam Kolopack. *Putting Participation into Perspective: The Experiences of Participants and Their Family Members Involved in a Novel Gene Transfer Trial*. MSc successfully defended on 29 April 2008. [Thesis committee member] (Currently a PhD candidate at the Dalla Lana School of Public Health Sciences, University of Toronto)
13. Mrs. Shannon (Madden) Sibbald. *Successful Priority Setting: A Conceptual Framework and an Evaluation Tool*. PhD successfully defended on 15 July 2008. [Thesis committee member]
14. Mr. Kelley Ross. *Describing and Assessing the Views of Transplant Professionals in Ontario about Directed Organ Donations from Deceased Donors A Qualitative Study*. MSc successfully defended on 5 January 2010. [Thesis Committee Member]  
**\*\*CIHR Master's Award Winner**

Post Graduate Supervision – MHSc in Bioethics, International Stream

1. Celestine Afi Sappor, title, institution, International MHSc in Bioethics student, supported by a Fogarty International Center/National Institutes of Health grant (2009-11).
2. Salahuddin Khan, title, institution, International MHSc in Bioethics student, supported by a Fogarty International Center/National Institutes of Health grant (2009-11).
3. Bini Toms, title, institution, International MHSc in Bioethics student, supported by a Fogarty International Center/National Institutes of Health grant (2009-11).
4. Salima Bano Virani, title, institution, International MHSc in Bioethics student, supported by a Fogarty International Center/National Institutes of Health grant (2009-11).

Post Graduate Supervision – Postdoctoral Fellows

1. Mr. Edward Mills. "Conducting research within vulnerable populations: A policy analysis," Postdoctoral Fellowship sponsored by the Canadian Institutes of Health Research, September 2006 – August 2007. [Co-Supervisor] **\*\*CIHR Fellowship Award Winner** (Ended award early to take a tenure position at Simon Fraser University)
2. Ms. Maya Goldenberg. "Investigating Embodiment Issues in Evidence-Based Approaches to Women's Health," Postdoctoral Fellowship sponsored by the Canadian Institutes of Health Research and the Program in Healthcare, Technology & Place at the University of Toronto, September 2006 – June 2007. [Secondary Mentor] **\*\*CIHR Fellowship Award Winner** (Ended award early to take a tenure position at University of Guelph)
3. Ms. Loes Knaapen. "Localization and democratization of Clinical Practice Guidelines: From Universal Standards to Collective Judgment," Postdoctoral Fellowship sponsored by the Canadian Institutes of Health Research Strategic Research Training Initiative Program in Healthcare, Technology & Place at the University of Toronto, September 2007 – August 2008. [Secondary Mentor] **\*\*CIHR Fellowship Award Winner**

### External Examiner

1. Marion Motari. *The development of health biotechnology sector in South Africa*. MSc successfully defended in 4 November 2003.
2. Ms. Shannon Madden. *Priority Setting in Strategic Planning at the Hospital Level: A Case Study and Analysis*. MSc thesis successfully defended 14 April 2003.
3. Ms. Jocelyn Mackie. *A Comparison of Ethical Practices in Bioscience Firms and the Development of a Conceptual Framework*. MSc thesis successfully defended 17 September 2004.
4. Dr. Jeff Nisker. *To Examine Theatre as a Tool for Public Engagement in Policy Development re: Adult Genetic Testing*. PhD successfully defended on 21 February 2005.
5. Ms. Suzanne Cadarette. *Barriers to and Facilitators of Osteoporosis Investigation and Treatment Among Older Community-Dwelling Women in Ontario: Application of a Health Services Utilization Conceptual Framework*. PhD successfully defended in November 2006.
6. Dr. Hadas Fischer. *Hemorrhage During Warfarin Therapy Associated with Co-trimoxazole and Other Urinary Tract Anti-infectives*. MSc successfully defended on 17 September 2009.

### Transfer Exam Committee Member

1. Ms. Dominique McMahon. *Regenerative Medicine Innovation in Emerging Economies: A case study comparison of China, Brazil, and India*. Transfer exam from MSc to PhD successfully defended on 10 July 2008.

### Post Graduate Resident Research Supervision: All Primary Supervision

1. Drs. C Bernard, S Singh and I Dionne, 1998. Systematic Review of School Based Alcohol prevention programs.
2. Dr. S Whatley, 1999-2000. Randomized study of Patient Information Leaflets. Manuscript published in *British Journal of General Practice* – Whatley S, Mamdani M, Upshur REG. [A randomized comparison of the effect of three patient information leaflet models on older patients' treatment intentions. \*British Journal of General Practice\* 2002; 52: 483-4.](#)
3. Dr. S Kim, 1999-2000. Literature Review of management of shoulder impingement syndromes.
4. Dr. D Nguyen, 1999-2000. Prevalence of depressive symptomatology in Vietnamese Population.
5. Dr. Y Tatuch 1999-2000. Management of non-traumatic vertebral fractures in primary care.
6. Dr. L Ceresne, 2000-01. Barriers to anticoagulation in primary care. Manuscript

- published in *BioMedCentral Family Practice* – Ceresne L, **Upshur RE**. Atrial fibrillation in a primary care practice: prevalence and management. *BioMedCentral Family Practice* 2002; 3: 11. **\*\*Winner of John Hilditch Research Excellence Award.**
7. Dr. R Di Cecco and Dr. U Patel, 2000-01. Is there a gender bias in the management of post MI in the elderly in family practice? Manuscript published in *BioMedCentral Family Practice* – Di Cecco R, Patel U, **Upshur REG**. Is there a clinically significant gender bias in post-myocardial infarction pharmacological management in the older (>60) population of a primary care practice? *BioMedCentral Family Practice* 2002; 3: 8.
  8. Dr L Mah, 2001-02. Patient and physician perceptions of the risks and benefits of short acting benzodiazepines for insomnia. Manuscript published in *BioMedCentral Family Practice* – Mah L, **Upshur REG**. Long term benzodiazepine use for insomnia in patients over the age of 60: discordance of patient and physician perceptions. *BioMedCentral Family Practice* 2002; 3: 9.
  9. Drs N Alikhan and J Wong, 2001-02. Knowledge and attitudes of academic physicians concerning colorectal cancer screening.
  10. Drs J Kwong and D Carr, 2001-03. Acceptability of oral B<sub>12</sub> use by patients receiving injection B<sub>12</sub>. Manuscript published in *BioMedCentral Family Practice* – Kwong JC, Carr D, Dhalla IA, Tom-Kun D, **Upshur REG**. Oral vitamin B<sub>12</sub> therapy in the primary care setting: a qualitative and quantitative study of patient perspectives. *BioMedCentral Family Practice* 2005; 6: 8. **\*\*Winner of John Hilditch Research Excellence Award.**
  11. Dr. M Feldman, 2001-03. Treatment options for UTI in primary care.
  12. Dr. D Price, 2002-04. Use of chaperones for intimate physical examination in primary care practice. Manuscript published in *BioMedCentral Family Practice* – Price DH, Tracy CS, **Upshur REG**. Chaperone use during intimate examinations in primary care: postal survey of family physicians. *BioMedCentral Family Practice* 2005, 6: 52. **\*\*Winner of John Hilditch Research Excellence Award**
  13. Drs. A Rahim and Z Rasul, 2004-06. How do First Generation South Asian Persons Interpret the Experience of Living with Type 2 Diabetes. **\*\*Winner of John Hilditch Research Excellence Award.**
  14. Dr. A Rajput, 2004-06. Waiting times for CT scans and MRI's.
  15. Dr. M Azzhurani, 2004-06. Perceptions of health risk among Southeast Asian diabetics.
  16. Drs. A Kanjee, N Balas, and A Singh, 2004-06. Waiting times in dermatology referrals.
  17. Drs. N Leahy and J Sheps, 2004-06. Canadian Family Physicians attitudes to residency research projects. Manuscript published in *Canadian Family Physician* – Leahy N, Sheps J, Tracy CS, Nie JX, Moineddin R, Upshur REG. Family physicians' attitudes toward education in research skills during residency – Findings from a national mailed survey. *Canadian Family Physician* 2008; 54: 413-4.e1-5.

18. Dr. Peter Iracleous, 2005-07. National Postal Survey of Cognitive Screening in Primary Care.
19. Drs. Kamila Premji, Silvy Mathew, and Natalie Sin Yan Too, 2005-07. Is there a role for the family physician to discuss end of life care with patients in the office?
20. Drs. Na-Koshie Lamptey, Jennifer Devon, and Marci Greenwald, 2005-07. Waiting to wait.
21. Drs. Peter Simkovitch and Guy Tobias, 2006-08. Prevalence of patients with low acuity scores in emergency rooms with family physicians.
22. Dr. Tehilla Adams, 2006-08. Qualitative study of family physicians attitudes to HPV vaccines.
23. Dr. Michel Shamy, July 2007. Narrative, Argument & Evidence: An Ethical Justification for the use of Suggestion in the Treatment of Psychogenic Illness. Reading Elective as part of the Neurology Residency Program. **\*\*Winner of the RCPSC 2008 KJR Wightman Award**
24. Dr. Sarah Wilson. The Effectiveness and Efficiency of Diabetes Screening in Ontario: A Population Based Cohort Study. **\*\*Winner of John Hilditch Research Excellence Award**
25. Drs. James Tan, Shaul Tarek, and Mina Tasharofi Kia. Will an Interprofessional Clinic for Complex Elderly Family Practice Patients Reduce Emergency Room and Other Health Care Usage.

Undergraduate Medicine: All Primary Supervision

1. Julie Emili, McMaster University, 1999. Survey of Canadian, Ugandan and Indian Medical Students Knowledge and Attitudes of Tuberculosis. Manuscripts published in *Teaching and Learning in Medicine* and *Medical Education* – Emili J, Scott F, **Upshur REG**, Schmuck ML, John KR. Attitudes Toward Tuberculosis on Final Year Medical Students From Canada, India, and Uganda. *Teaching and Learning in Medicine* 2002; 14: 168-74 and Emili J, Norman GR, **Upshur REG**, Scott F, John KR, Schmuck ML. Knowledge and practices regarding tuberculosis: a survey of final-year medical students from Canada, India and Uganda. *Medical Education* 2001; 35: 530-6.
2. Diana Barrigar, Queens University, 1999. Ethics and Hepatitis B infected Health Care Workers. Manuscript published in *BioMedCentral Medical Ethics* – Barrigar DL, Flagel DC, **Upshur REG**. Hepatitis B virus infected physicians and disclosure of transmission risks to patients: A critical analysis. *BioMedCentral Medical Ethics* 2001; 2: 4.
3. Geetika Verma, University of Toronto, 2001. Ethics and tuberculosis. Manuscript published in *BioMedCentral Medical Ethics* – Verma G, **Upshur REG**, Rea E, Benatar SR. Critical reflections on evidence, ethics and effectiveness in the management of tuberculosis: public health and global perspectives. *BioMedCentral Medical Ethics* 2004; 5: 2.

4. David Robertson, University of Toronto, 2001. Evidence and Humanitarian Ethics. Paper published in *Lancet* – Robertson DW, Bedell R, Lavery JV, **Upshur R**. What kind of evidence do we need to justify humanitarian medical aid? *Lancet* 2002; 360: 330-3.
5. Erroll Colak, University of Toronto, 2001. Reasoning Skills for Health Professionals. Paper published in *Theoretical Medicine and Bioethics* – **Upshur REG**, Colak E. [Argumentation and Evidence](#). *Theoretical Medicine and Bioethics* 2003; 24: 283-99.
6. Darrell Tan, University of Toronto, 2001. Globalization and Health. Paper published in *BioMedCentral International Health and Human Rights* – Tan DHS, **Upshur REG**, Ford N. [Global plagues and the Global Fund: Challenges in the fight against HIV, TB, and malaria](#). *BioMedCentral International Health and Human Rights* 2003; 3: 2.
7. Kasia Stefanski, University of Toronto, 2003. Credibility of Sources of information for providers of HIV/AIDS care. Paper published in *BioMedCentral Health Services Research* – Stefanski KE, Tracy CS, **Upshur REG**. [Sources of evidence in HIV/AIDS care: pilot study comparing family physicians and AIDS service organization staff](#). *BioMedCentral Health Services Research* 2004; 4: 18.
8. Joanne Gracyzk, Determinants of Community Health, University of Toronto, 2006. Nutritional needs of older patients in the community.
9. Andrew Pinto, University of Toronto, 2006. Global Health Ethics. Paper published in *Developing World Bioethics* – Pinto AD, **Upshur REG**. [Global Health Ethics for Students](#). *Developing World Bioethics* 2009; 9(1): 1-10.
10. Astra Teo, Determinants of Community Health, University of Toronto, 2007. Qualitative Study of Patient Perceptions of Complex Chronic Diseases.
11. Ketan Vegda, CREMS Student, University of Toronto, 2007. Chart audit study of health care utilization among patients 65 years and older.