# THE UNIVERSITY OF CALGARY Cumming School of Medicine

#### I. BIOGRAPHICAL DATA

Marilynne A. Hebert 122 - 37 Street NW Calgary, AB T2N 3B5 403-241-7302

Associate Professor – Department of Community Health Sciences Member - O'Brien Institute of Public Health Cumming School of Medicine University of Calgary

#### II. ACADEMIC RECORD

Doctor of Philosophy (Health Care and Epidemiology); 1996 Major- Health Information Systems, Minor- Organizational Behaviour University of British Columbia, Vancouver, BC, Canada

# i. Undergraduate

Bachelor of Science (with distinction); 1980
Faculty of Nursing; University of Alberta, Edmonton, AB

# ii. Special Professional

Nursing Diploma; 1975 Lethbridge Community College, Lethbridge, AB

#### iii. Graduate and Post-Doctoral

Master of Education; 1986
Educational Administration; University of Alberta, Edmonton, AB

#### iv. Licensure, Certification and Boards

Registered Nurse; 1975

#### **III. AWARDS AND DISTINCTIONS**

- Lionel E. McLeod Award for Excellence in Graduate Education Faculty of Medicine, University of Calgary, October 2007
- Certificate of Excellence Alberta Cancer Board, Hospice Palliative Care Network; January 27, 2006
- Golden Apple Award Faculty of Medicine Graduate Science Education Teaching Award for Department of Community Health Sciences; December 6, 2005
- Multi-method Study of Video-visits in Rural Alberta. Nominated for CST Excellence Award, Canadian Society of Telehealth; Winnipeg, MB; September 25-27, 2005
- Nominated for Community Health Sciences Faculty Teaching Award; September 2004
   COACH Board Certificate of Recognition; November 2004
- Greater Vancouver Regional District Bursary (\$500); 1993

MacPhee Memorial Fellowship - Faculty of Commerce (~\$12,000/year); 1991-1992; 1990-1991

#### IV. ACADEMIC APPOINTMENTS

- Adjunct Associate Professor University of Victoria, October 2014
- Associate Professor with Tenure Dept. of Community Health Sciences, University of Calgary; July 2014
- Associate Professor, Dept. of Community Health Sciences, University of Calgary; April 2008-June 2014
- Associate Member (Limited Term), Faculty of Graduate Studies, University of Victoria; July 2014-2017;
   July 2011-June 2014; July 2009-June 2011; July 2007-June 2009.
- Assistant Professor (Limited Term), School of Health Information Science, University of Victoria; July 2005-June 2007; July 2003-June 2005; July 2002-June 2003
- Assistant Professor, Dept. of Community Health Sciences, University of Calgary; July 2000 March 2008
- Clinical Assistant Professor, Dept. of Health Care and Epidemiology, University of British Columbia; 1999
- Clinical Instructor, Dept. of Health Care and Epidemiology, University of British Columbia; 1996

#### V. EDUCATIONAL ACTIVITIES

#### i. Undergraduate

- MDSC 203 Inquiry 1: Developing Health Research Literacy 1. University of Calgary; Calgary, Alberta. Course co-instructor (3 lectures on Health and Society) and small group preceptor (7 students); Fall 2014 (100 students; small group preceptor 6 students); Fall 2013 (100 students)
- HSOC 315 Health and Society. University of Calgary; Calgary, Alberta. Winter Session (March) 2005 (25 students)
- HSOC 311 Health and Society Telehealth and Rural Care II. University of Calgary; Calgary, AB; March 2004 (20 students)
- MDCN 340 Research Methods and Evidence-Based Medicine. Small Group Instructor; Faculty of Medicine, University of Calgary; Fall/Winter 2000-2001
- DPAS 420 Doctor, Patient and Society Tutor for second year medical/dental discussion groups; Faculty of Medicine, University of British Columbia; Winter 1999
- COMM 397 Teaching Assistant for undergraduate course in database design; taught 160 students; 4 classes per week; Faculty of Commerce, University of British Columbia; Fall 1990
- Canadian Health Care System Tutor for senior health management students; distance education course; British Columbia Institute of Technology; Vancouver, BC; 1994-1995

# ii. Graduate (course and student supervision) Graduate Courses

- MPH 608A Health Research Methods; Master of Public Health; Catholic University of Health and Allied Sciences, Mwanza, Tanzania; Fall 2014 (16 students); Fall 2013 (17 students)
- MDCH 681 Health Research Methods, Department of Community Health Sciences; UofC; Winter 2014-15 (20 students); Winter Session 2013-14 (27 students); Winter Session 2012-13 (25 students)
- MDCH 600 Introduction to Community Health Sciences (Block Week); Department of Community Health Sciences; UofC; September 4-7, 2012 (33 students); September 6-9, 2011 (33 students)

- MDCH 700 Community Health Sciences Directed Study, Department of Community Health Sciences; UofC; Spring 2012 May 9-June 22 (1 student)
- MDSC 644 Introduction to Community Health Sciences; Department of Community Health Sciences; UofC; September 7-10, 2010 (21 students); September 2-5, 2008 (28 students); September 4-7, 2007 (30 students); September 5-8, 2006 (28 students); September 6-9, 2005 (23 students)
- MDSC 657.03 Evaluation of e-Health Initiatives; Department of Community Health Sciences; UofC On-Line Graduate Course; 2005-2006 (UVIC-12 students; UofC-3 students); (MDSC 755), 2004-2005 (4 students); Winter Session 2003-2004
- MDSC 659.05 Qualitative Health Research Methods Co-Instructor; Department of Community Health Sciences; UofC; Spring Session (May-June); 2008 (7 students); 2007 (6 students); 2006 (8 students); 2005 (8 students); 2004; 2003; 2002 (10 students)
- MDSC 755.30 Frontiers of Health Informatics Research (Directed Study); Department of Community Health Sciences, UofC On-Line Graduate Course; Winter Session; 2004-2005 (1 student)
- MDSC 657.01 Introduction to Telehealth and Telehealth Research. Department of Community Health Sciences, UofC. On-Line Graduate Course. Fall 2002; Fall 2001; Fall 2000
- HCEP 519 Health Management Information Systems Department of Health Care and Epidemiology, UBC; 1997

#### **Guest Lectures**

- Hebert MA. MDCH 600 Fall Block Week Course; Overview of Health Services Research for incoming CHS graduate students. September 2, 2014; September 3, 2013
- Hebert MA. Short Course: Concepts and Planning of Telehealth in Developing Countries. (2 Sessions: Areas of Research in Telehealth and Review of Current Telehealth Literature.) Department of Community Health Sciences, Aga Khan University, Pakistan; May 26-June 1, 2008. (Invited but unavailable)
- Hebert MA. Knowledge in Context: Successful e-Learning & e-Mentoring Strategies. CHPSTP Knowledge Transfer (KT) Cohort. University of Calgary; Calgary, AB; February 7, 2007
- Hebert MA. The Agony and Ecstasy of Writing... CMAJ Manuscript Review Workshop; University of Calgary; Calgary, AB; March 18, 2005
- Hebert MA. Research Learning Experience #1 Developing a Telehealth Research Program. CHPSTP CIHR Health Informatics PhD/Post Doc Strategic Training Program (Online graduate program). National web-based presentation; January 12, 2005
- Hebert MA. MDSC 659.02 Health Research Methods II: Manuscript Review Workshop: Writing for Publication; April 2, 2003 (25 students); March 2005. (25 students)
- Hebert MA. HINF 503 Research Methods in Health Informatics. Successes and Challenges in a Study of Video-visits in Palliative Homecare; School of Health Information Science, Online Master of Health Informatics. University of Victoria; January 9, 2005 (25 students)
- Hebert MA. MDSC 659.03Health Program Planning and Evaluation; Department of Community Health Sciences, UofC; Graduate Course
  - Evaluating e-Health Initiatives; November 29, 2004. (7 students)
  - Potential of e-Homecare to Transform Chronic Care; March 10, 2003

Hebert MA. MDSC 644 - Introduction to Community Health Sciences. Overview: Telehealth and e-Health Research and Training Program, September 2, 2004.

Hebert MA. Research Learning Experience #2 – Evidence of the Utility and Effectiveness of Home Telehealth. CHPSTP – CIHR Health Informatics PhD/Post Doc Strategic Training Program (Online graduate program). Victoria, BC; June 19, 2003

#### **Graduate Student Supervision**

Supervisor (PhD) -Department of Community Health Sciences, UofC

- Greg Yelland 2006-2009 (changed thesis focus and supervisor)
- Dr. Mone Palacios 2005-2006 (transferred to MedEd Program)
- Shyamala Nagendran 2004-2006 (transferred to MedEd Program)

Committee (PhD) - Department of Community Health Sciences, UofC

Ms. Donna Baird – 2010-2014

Thesis title: The discursive (re)construction of health capacity: Case study of a transdisciplinary neurorehabilitation team

Dr. Radwan Baroud – 2004-2008

Thesis title: How Ready are the Stakeholders in the Palestinian Health Care System in Gaza Strip to Adopt e-Health?

- Shyamala Nagendran 2006-2007 (withdrawn)
- Andora Jackson 2001-2005 (MD/PhD withdrawn)

Supervisor (Master's) - Department of Community Health Sciences, UofC

- Ms. Fartoon Siad 2014-present (Co-supervisor with Dr. Doreen Rabi)
  Thesis title: Documenting the Experience of New Canadians Diagnosed with Gestational
  Diabetes Mellitus: A qualitative inquiry using Digital Storytelling
- Ms. Dima Arafah 2014-present (Co-supervisor with Dr. Tam Donnelly)
  Thesis title: Adaptation of the Perinatal Attachment Inventory for use with Qatari Women
- Dr. Petra Grendarova 2012-present
   Thesis title: Advanced Cancer Patients' Perspectives on Currently Available Decision Support
   Aid Used to Enhance Goals of Care Discussions
- Dr. Mone Palacios 2002-2005

Thesis title: Virtual Collaboration in Health Informatics Research

• Dr. Pin (Caren) Cai - 2002-2005

Thesis title: Home Telehealth Technology for Teens with Asthma

Committee (Master's) - Department of Community Health Sciences, UofC

• Jessalyn Holodinsky – 2013 – 2015

Thesis Title: Development of an ICU Rounding Aid

Michael Lang – 2013 – 2015

Thesis Title: Speaking Their Language: A Three Arm Pilot Study of Synchronous Online Chat Groups for Young Adults with Cancer

• Karin Winston – 2013-present

Thesis Title: Impact of Video Illness Narrative Production on Self-Efficacy in Adolescents with Type 1 Diabetes

Allen Dong – 2010-2013

Thesis Title: Data Stewardship in Electronic Medical Records and its Policy Challenges for Research Programs

• Halima Mohamed – 2010-2011

Thesis Title: Assessing the Impact of the Directly Observed Treatment Short-Course (DOTS) for the control of Tuberculosis in DOTS-Recipient Countries: Cross-National Evidence for 1996-2006

Karen Parker – 2008-2009

Thesis title: Understanding Midlife Women's and Men's Process of Early Risk Mitigation following an Acute Coronary Syndrome Event

Yun Zhi Zhan – 2006-2008

Thesis title: Evaluation of an EMR as a Transcription Aid

Dr. Faruq Chowdhury – 2005-2008

Thesis title: Readiness to use e-Health in Africa: Design, Validation and Application of a Country e-Readiness Assessment Tool

• Kelly Duregon - 2000-2003

Thesis title: Outbreak Management Training in Long-Term Care

Project Supervisor (Masters of Science in Health Informatics) – School of Health Information Science at University of Victoria

Mr. Reza Shahpori 2006-2009

Thesis title: ICU Telehealth and Remote Monitoring (Tele-ICU): Is there a need?

• Mr. Jay Lynch – 2006-2008

Thesis title: Telehealth Impact on Nurses' Sense of Empowerment

Dr. Sean Lake – 2005-2007

Thesis title: Training Government Users of Geographic Information Systems in Public Health

Supervisor (Master's) – St. Stephen's College, University of Alberta

• Jane Wilkes – 2005

#### **External Examiner**

# PhD Candidacy Examination – University of Calgary

Faculty of Medicine - Community Health Sciences

- Dr. Clair Barber July 18, 2013
- Alia Zawawi (Medical Education) April 2013

Faculty of Medicine, - Medical Sciences

James Zimmer – August 2, 2007

## PhD Dissertation Oral Examination – University of Calgary

**Faculty of Nursing** 

Joyce O'Mahony – July 12, 2011

Thesis Title: Immigrant and Refugee Women's Voices: Exploring Postpartum Depression, Help Seeking Experiences and Access to Mental Health Care

Faculty of Education - Graduate Division of Educational Research,

Bradley Johnson – November 27, 2002

### PhD Dissertation Oral Examination - National

PhD Thesis External Reader – St. Stephen's College, University of Alberta

• Joan Saxton – 2005

PhD Thesis Oral Examination – Department of Health Policy, Management and Evaluation, Faculty of Medicine, University of Toronto

Joe Cafazzo – July 2007

Thesis Title: Facilitating Patient Self-Care Through Remote Patient Monitoring: Validation, Design, and Evaluation of an Intervention for Nocturnal Hemodialysis

#### PhD Examination - International

PhD Thesis Written Examination – University of Queensland, Faculty of Graduate Studies, Brisbane, Australia

• Natalie Bradford – Dec 31, 2013

Thesis Title: Improving Access to Specialist Paediatric Services for Children with Palliative or Complex Care Needs: The Potential of Telehealth in the Home

PhD Thesis Written Examination – University of Queensland, Faculty of Graduate Studies, Brisbane, Australia

Mark Eliot Bensink – Nov 11, 2009

Thesis Title: Paediatric oncology videophone support in Queensland: an investigation of feasibility and cost effectiveness

PhD Thesis Oral Examination – Health Informatics in the School of Population Health, University of Auckland, New Zealand

Karen Day – August 2007

Thesis Title: Supporting the Emergence of a Shared Services Organization: Managing Change in Complex Health ICT Projects

#### MSc Thesis Oral Examination – National

School of Health Information Science

Susan Hall – July 22, 2013

Thesis Title: Order Sets in the Clinical Setting

# MSc Thesis Oral Examination – University of Calgary

**Faculty of Nursing** 

• Tracy Robertson – June 6, 2006

Thesis Title: Information Sources Utilized by Men during Decision-Making on Treatment for Prostate Cancer

# Neutral Chair – Graduate Examinations – Department of Community Health Sciences, University of Calgary

- PhD Candidacy Examination: 2003-2013 = 15 (2013-2015 = 0)
- PhD Dissertation Oral Exam: 2005-2015 = 12 (2013-2015 = 0)
- Master's Thesis Oral Examination: 2005-2015 = 28 (2013-2015 = 1)

# iii. Postgraduate (research and clinical fellows)

N/A

# iv. Continuing Professional Education

- **Hebert MA**. Panel Moderator. Second Annual Humanities in Health Care Symposium; Health Sciences Centre, Faculty of Medicine, University of Calgary, March 6-7, 2014.
- Hebert MA. Module 1 The Research Process; Asking Your Research Question. Introduction to Health Research Methods - Online Course; Office of Continuing Medical Education and Professional Development, Faculty of Medicine, University of Calgary, February 15, 2015; February 13, 2015
- **Hebert MA**. Pre-course Module Introduction to Health Research Methods. Introduction to Health Research Methods Online Course; Office of Continuing Medical Education and Professional Development, Faculty of Medicine, University of Calgary, February 1, 2015; January 30, 2014.
- Hebert MA & Rabatach L. Understanding Our World Through Digital Storytelling. 3-hour workshop; 16th Annual Health Research Methods Course; Office of Continuing Professional Education, Faculty of Medicine, University of Calgary, May 2-3, 2013.
- Hebert MA. Realist Reviews. 3-hour workshop; 15th Annual Health Research Methods Course; Office of Continuing Professional Education, Faculty of Medicine, University of Calgary; May 3-4, 2012.
- **Hebert MA**. Pre-conference Workshop: Approaches to e-health evaluation. 9th Annual Conference of the Canadian Society of Telehealth; Edmonton, AB; October 15, 2006
- Hebert MA. Planning Committee Chair and Conference Moderator. CHPSTP Annual Workshop: Linking HI Research and Practice; Calgary, AB; June 16-18, 2006. (40 participants)
- Hebert MA, et al. Pre-conference Workshop: Potential of Health Informatics to Influence Practice. e-Health 2004: National annual conference co-sponsored by COACH – Canada's Health Informatics Association and CIHI - Canadian Institute for Health Information; Victoria, BC; May 8, 2004
- Jennett P, Scott R, Hebert M. Pre-conference Workshop: The Impact of the Alberta SuperNet\* From an E-Health Perspective. Telehealth 2003: 6th Annual Conference of the Canadian Society of Telehealth; Halifax, NS; October 5-7, 2003
- Hebert MA, Scott, RE & Korabek B. Pre-Conference Workshop: Potential of e-Homecare to transform chronic care. e-Health 2003: National annual conference co-sponsored by COACH-Canada's Health Informatics Association and Canadian Institute for Health Information; Toronto, ON; May 24, 2003

- Hebert MA. Lead Conference Organizer and Moderator. 3rd Annual Telehealth Research Summer Institute; Health Telematics Unit, Faculty of Medicine; UofC; July 21-23, 2002
- Hebert MA. Pre-conference Workshop: Implementation and Evaluation of Telehomecare.
   e-Health 2002: National Conference co-sponsored by COACH Canada's Health Informatics
   Association and CIHI Canadian Institute for Health Information; Toronto, ON; April 20, 2002
- **Hebert MA**. Lead Conference Organizer and Moderator. 2nd Annual Telehealth Research Summer Institute Health Telematics Unit, Faculty of Medicine; UofC; July 3-5, 2001
- Hebert MA. Lead Conference Organizer and Moderator. 1st Annual Telehealth Research Summer Institute (Lead Conference Organizer and Moderator); Health Telematics Unit, Faculty of Medicine; UofC; July 31-August 3, 2000
- Hebert MA. Instructor. Physician Executive Management Program Simon Fraser University at Harbor Centre, Vancouver, BC; Managing Health Information Systems 8:30 a.m.-5:30 p.m. March 27, 1999; March 25, 2000; March 31, 2001; April 6, 2002
- Lau F, Hebert MA & Simpson J. A Scientific Approach to Evaluating Health Information Systems. International Medical Informatics Association - 8th World Congress on Medical Informatics (MedInfo); Half day tutorial; Vancouver, BC; July 22, 1995
- **Hebert MA**. Moderator. "SPARK Rounds"; Science Council of British Columbia; University of British Columbia; May 25, 1995
- **Hebert MA**. Facilitator. Instructional Skills Workshop for Graduate Students. Ongoing Program for Skills Development through UBC Office of Faculty Development; 1994-1995

# **VI. ADMINISTRATIVE RESPONSIBILITIES**

## i. Departmental

- Graduate Program Director, Department of Community Health Sciences, Faculty of Medicine – University of Calgary; January 1, 2005-August 2012
- Organized and facilitated CHS Graduate Education Teaching Retreat, University of Calgary;
   November, 2010
- Organized and facilitated CHS Graduate Education Teaching Retreat, University of Calgary;
   January 18, 2008
- Executive Committee, Department of Community Health Sciences; July 2005-June 2012
- Departmental Council, Department of Community Health Sciences; July 2005-present
- Chair, Graduate Education Committee, Department of Community Health Sciences; January 2006 August 2012
- HiiTeC (Health Innovation and Information Technology Centre) Research Committee; April 2006-2009
- Program Director CIHR/Michael Smith Foundation PhD/Postdoc Health Informatics Training Program; 2003-2004; 2002-2003
- Health Research Cluster, Department of Community Health Sciences review graduate student applications; 2005, 2004, 2003

 Working Group Chair - Community Health Sciences Curriculum Review and Revision Committee; 2002-2003

# ii. Faculty

- Planning Committee Co-chair: Introduction to Health Research Methods Online Course.
   Newly developed online course to run from February to May. Innovation in replacing the traditional two-day workshop. Office of Continuing Medical Education and Professional Development, University of Calgary, June 2014-May 2015; June 2013-May 2014
- Department of Community Health Sciences Head Search Committee; January 2008-December 2009
- Community Medicine Residency Training Program Education Committee; August 2008-June 2012
- Faculty of Medicine Graduate Science Education Committee; July 2007 August 2012
- Academic Environment Sub-Committee; Faculty of Medicine Undergraduate Medical Education (UME) Accreditation Task Force; October 2006-March 2008
- Health Telematics Unit/HiiTeC Management Department; January 2006 to April 2007
- MedIT strategic planning for Centre for Health Technology Innovation; 2006
- Veterinary Medicine Technical Planning Committee; 2006
- Faculty of Medicine Undergraduate Medical Education Curriculum Information System Evaluation; 2006
- Office of CME and PD Accreditation, Faculty of Medicine, University of Calgary; May 12-13, 2003
- Faculty of Medicine Task Force on Distance Education; 2002-2003

#### iii. University

- General Faculties Council University of Calgary
  - General Promotions Committee 2013-14
  - Academic Program Sub-Committee September 2013 June 2014
  - Faculty of Medicine representative December 2012 June 2015
  - Faculty of Graduate Studies representative July 2011–June 2012
  - Steering Committee July 2011 June 2012
- Faculty of Graduate Studies University of Calgary
  - Council of the Faculty of Graduate Studies January 2006 to August 2012

- Policy Committee University of Calgary; January 2010-June 30, 2012
- Striking Committee University of Calgary; January 2010-June 30, 2012
- Student Appeals Committee (Vice Chair 2010-2011), University of Calgary; September 2008-June 30, 2011
- Graduate Program Review Committee (Faculty of Medicine), University of Calgary; November 2008-November 2009
- Telehealth (TESS) Seminar Planning Committee November 2007-2008
- Division of Health Sciences e-Learning Task Force, University of Calgary; 2006
- Selection Committee: Health Information Network Librarian (3 positions); November-December 2005
- Enhanced Audiographic-Conferencing Action Group, Learning Commons, University of Calgary; November 2004-January 2005
- Development Team for a Distributed MSc Program in Health Informatics; hosted by UVIC, UofC and UBC partners

#### iv. Hospital

- York Central Hospital, Richmond Hill, Ontario
  - Director of Nursing Systems and Clinical Development; 1988-1989
  - Nursing Systems Coordinator; 1986-1987
- Red Deer Regional Hospital Centre, Red Deer, Alberta
  - Coordinator, Computers in Nursing; 1985-1986

# v. Regional Health Authority

- Calgary Health Region/University of Calgary Centre for Advancement of Health: Conjoint Scientific Review Committee (CSRC); September 2004-December 2006
- Calgary Health Region: Selection Committee for Telehealth Evaluator Position; March12, 2003

# vi. Provincially

 Alberta SPOR SUPPORT Unit – Career Development in Methods and Health Services Research - Joint-Lead September 2014-August 2017

#### **VII. PROFESSIONAL ACTIVITIES**

- i. Memberships in professional and learned societies
  - Association for the Advancement of Computing in Education (AACE)
     2003 present
  - Canadian Evaluation Society
     2002 present

- Academic Women's Association (AWA)
   2012 present
- Canadian Society for Training and Development (CSTD)
   2010 2011
- Association for Medical Education in Europe (AMEE)
   2009 2011
- Association for Media and Technology in Education in Canada (AMTEC)
   2005 2012
- Canadian Association for Distance Education (CADE)

2003 - 2012

Canadian Society of Telehealth

2002 - 2009

2005 - Member: By-laws Review Committee

The Association of Telehealth Service Providers (ATSP)
 2003 – 2005

American Medical Informatics Association (AMIA)

2000-2005 – Member of two Working Groups: People and Organizational Issues & Telehealth

1996-1998 – co-editor for People and Organizational Issues Working Group Newsletter

• Canadian Organization for Advancement of Computers in Healthcare (COACH)

2004-2005 - Member: Professional Development Committee

2003-2004 - Chair: e-Learning Task Force

2003-2004 - Member: Knowledge Transfer Task Force

2002-2004 - Board Member (1000 members)

2002 – Annual e-Health Conference Planning Committee (1400 participants)

1996-1998 – Secretary: Scientific and Academic Special Interest Group

1990-2005 - Member: COACH

#### ii. Professional service

#### **Interviews**

- Telephone interview: Canada's contributions to international Telehealth Andy Shaw,
   <u>Canadian Healthcare Technology</u> magazine; August 31, 2007
- In-person interview: Global Integration of Healthcare, <u>Eye on Ideas</u> Faculty of Graduate Studies publication; June 15, 2006; Winter 2007, 2(1):16-17
- In-person interview regarding developing a research agenda for the South Health Campus
   Dr. Robert Sheldon, Vice President Research (CHR) and Associate Dean, Clinical Research, Faculty of Medicine; May 19, 2006
- Television interview with CTV News Home Telehealth
- Telephone interview: video technology for home care/palliative care –consultant Laurence (Laurie) Thompson, <u>Saskatoon Health Region</u>; May 2004

- Telephone interview: Ontario strategic tele-homecare initiative Dawn Van Dam of <u>Health Connexions</u>; July 2003
- Telephone interview: e-learning in Canadian healthcare <u>Ontario Health Association</u>
   <u>Study</u> Steve Prentice of Bristall Morgan Inc.; January 7, 2003
- In-person interview: Alberta Heritage Foundation for Medical Research Health Technology Assessment Impact Assessment; February 14, 2003

#### **Consultations**

- Consultation with Stephen Lindop, International Service Director, Rotary Club, Nisku-Leduc, AB re e-health and e-learning in Belize; January 13, 2009
- Ontario Council on Graduate Studies (OCGS) appraisal of proposed Master of Health Sciences program at the University of Ontario Institute of Technology; July-September 2008
- Palliative care in rural and remote settings Consultation with P. Maurine Kahlke, Research Coordinator, UBC-Okanagan; April 25, 2008
- Consultation and Elluminate demo for Dr. Irminger-Finger, visiting lecturer, World Health Organization, Geneva; April 18, 2008
- Survey questionnaire tool forwarded to Kay Ball, PhD student, Virginia Commonwealth University; Lewis Centre, OH; February 14, 2008
- Reviewer Survey, National Cancer Institute of Canada (NCIC); October 2, 2007
- Palliative care executive and project reports forwarded to Meg Hegarty, Department of Palliative and Supportive Services, Flinders University; Adelaide, Australia; December 21, 2006
- Published paper forwarded to Anita Stern, graduate student; October 29, 2006
- Survey tool forwarded to Vallire Hooper, PhD student, Medical College of Georgia;
   Augusta, GA; October 26, 2006
- Canada Health Infoway Inc. Home Telehealth Business Case. Expert Advisory Panel;
   August 2006
- Telehealth Consultation with Dr. Toshifumi Itano; November 29, 2005
- Alberta Mental Health Board Consultation with Lenore Delday regarding Videophones;
   June 27, 2005
- Evaluation Models Consultation with Valerie Ashworth, Provincial Telehealth Development; June 7, 2005
- Demonstration of Videophones Unit 36, Foothills Medical Centre, Calgary, AB; May 18, 2005

- Study on Telehome Care Video Visits in Rural Alberta (Palliative) Consultation Request from ADM Community Care, Carroll Thorowsky and Nelson McClelland; May 2005
- Mongolian Health University Visit with President Lkhagvasuren and Director, Graduate Program, Dr. Amarsaikhan; December 3, 2004
- Medical Informatics Collaboration Consultation with Calvino Cheng, Medical Resident;
   January 24, 2005
- E-learning Policy Dr. Tom Carey with the Office of Health and Information Highway;
   August 18, 2004
- CIHR Blueprint 2007 participation in consultation process; Edmonton, AB; August 27, 2003

#### **Grant Review**

- Canadian Foundation for Innovation Grant Review for FRQS (Fonds du recherché Québec – Santé), Montreal, Quebec, September 8, 2014
- Research Partnerships for New Zealand Health Delivery (RPNZHD); Invited as External International Reviewer, June 2014.
- W21C Health Services Research Scholarship Review Committee (10) October 2013
- Faculty of Graduate Studies, University of Calgary
  - Doctoral Scholarship Review (10) January 2014
  - o QEII Scholarship Review (13) March 2014
- Netherlands Organization for Health Research and Development (ZonMw); Veni Programme; Health Care Efficiency Research Implementation Programme; November 2008; July 2009; April 2013
- CIHR Peer Review Committees
  - Catalyst Grant: e-Health Innovations Supporting More Efficient Population and Individualized Healthcare; January 2013 (57 applications; 12 as primary reviewer)
  - Health Services Evaluation and Interventions Research B Grants Committee; July 2004-June 2005
  - Global Health Research Program Development and Planning Grants A Committee;
     2004
  - Health Information and Promotion Research Grants Committee; July 1, 2003-February 2004
- Health Services Research Knowledge Exchange & Enablers; National Medical Research Council Grant Competition, Ministry of Health, Singapore; October 2012

- Social Sciences and Humanities Research Council of Canada (SSHRC) Standard Research Grants Program: February 2012; October 2010
- Natural Sciences and Engineering Research Council, Collaborative Research and Training Experience Program (CREATE); January 2011
- Canadian Cancer Society Research Institute (CCSRI) Review Panel L (Health Promotion, Health Services and Knowledge Exchange); February 2011
- Career Scientist Competition; Health Research Personnel Development (HRDP) Program;
   Ontario Ministry of Health and Long Term Care; April 2009
- St. Mary's Hospital Centre (SMHC) Foundation, Montreal, QC. External Scientific Review;
   June 2007
- Chair: Program Grant Review Committee, National Cancer Institute of Canada; 2005
- Alberta Heritage Foundation for Medical Research Health Research Fund Competition;
   April 2005; January 2003
- Health Infostructure Support Program Health Promotion & Programs Branch, Health Canada; 1998
- Medical Research Council of Canada (MRC); 1997-1998

# **Manuscript Review**

- International Journal of E-Learning & Distance Education: February 2015
- BMC Biomed Central: November 2014 [which journal?]
- Healthcare Policy: April 2014; December 2013
- The Journal of Distance Education: October 2013; September 2013; June 2013; May 2009
- Palliative Medicine; August 2013; September 2008
- International Journal of Telemedicine and Applications; December 2012
- Electronic Journal of Health Informatics; December 2013; July 2012; June 2006
- BMC on-line Journal published by Biomed Central
  - i. Palliative Care: September 2012; July 2012
  - ii. Geriatrics: September 2008
  - iii. Health Services Research: 2003-present; July 2008
- Journal of Health Informatics in Developing Countries (JHIDC); May 2013-present
- Journal of Health Care for the Poor and Underserved; February 2012; January 2012; September 2007

- Journal of Telemedicine and Telecare; published by Royal Society of Medicine Press Ltd.
   London. 2001-present; October 2008; August 2008; July 2008
- Journal of Multidisciplinary Healthcare; September 2008
- Computer Methods and Programs in Biomedicine; June 2008
- International Journal of Integrated Care (IJIC); reviewer since 2003; May 2007
- Chronic Illness; November 2007
- Canadian Journal on Aging; July 2005
- Book Review: Evaluating Research in Health and Social Care The Open University in association with SAGE Publications (London). Published in Department of CHS Newsletter; June 2004
- The International Journal of Medical Informatics; July 2003
- International Journal of Technology Assessment in Health Care; 2002

#### **Other Professional Committees**

- ITCH (International Technology in Community Health) Scientific Review Committee: ITCH 2015 (9 papers); ITCH 2013 (9 papers); ITCH 2011 (9 papers); ITCH 2009; ITCH 1998
- Health Informatics AfricaHI 2014 International Program Committee (5 reviews)
- Arts and Humanities for Health and Wellbeing Research Group University of Calgary;
   September 2013 present
- Arts and Humanities in Healthcare Journal Club University of Calgary; July 2013 present
- Global Telehealth 2010; Brisbane, Queensland, Australia; Scientific Review Committee; August 2010 (5 reviews)
- Medicine 2.0 Social Networking; and Web 2.0 Applications in Medicine and Health,
   Scientific Program Review Committee for Medicine 2.0'09 Conference, Toronto, ON; June 2009
- eTELEMED 2009 The International Conference on eHealth, Telemedicine and Social Medicine - International Program Committee; May 2008-February 2009
- Mednet 2006: 11<sup>th</sup> World Congress on Internet in Medicine. The Society for Internet in Medicine; Abstract Review, May 2006
- Canada Health Infoway Home Telehealth Business Case Expert Advisory Panel (National Committee); 2006
- International Program Committee 2<sup>nd</sup> IASTED International Conference on Telehealth;
   2006

- Canadian Society for Telehealth Bylaws Task Force; January-November 2006
- Diane Forsythe Award: Selection Committee for best peer-reviewed conference paper or journal article that exemplifies Diane Forsythe's work at the intersection of medical informatics and the social sciences; American Medical Informatics Association; 2004
- Health Informatics Curriculum Initiative Member of Research & Development committee (HEALNet)
- Health Informatics Working Committee of BC Science Council Member; 1997-1999
- Administrative Sciences Association of Canada external reviewer for conference papers;
   1997
- Symposium for Computer Applications in Medical Care (SCAMC); External reviewer for conference papers; 1997
- BC Science Council SPARK Rounds Planning Committee Member; 1988-1989
- Health Care & Epidemiology Alumni co-editor of Alumni Newsletter; 1996-1997

#### Other

- Internal Peer Reviewer: "Patterns of use and effectiveness of endoscopic clips for prevention of post-polypectomy bleeding and perforation" CIHR Open Operating Grants Competition, March 2015.
- Internal Peer Reviewer: "Coding error detection tools in administrative health data: development and validation" CIHR Open Operating Grants Program Competition, March 2015
- Editorial Board: Journal of Health Informatics in Developing Countries (JHIDC), May 2013
   present
- Invited to complete a survey on the future of healthcare, including e-health for Grade 6 student project; December 2013
- e-Health and health services interview conducted by high school students from Langevin Science School; Calgary, AB; January 23, 2013
- Reviewer: e-Health Innovations: Supporting More Efficient Population and Individualized Healthcare Competition; December 2012.
- Paper Reviewer: International Conference on Information Systems (ICIS) "IT for Healthcare Management" track; Florida, December 2012.
- Expert Panel Member: Virtual Student Research Symposium in e-Health and Health Informatics; Student Collaborative in Health Informatics (SCHI); e-Health Conference in Toronto May 27, 2007; e-Health Conference in Vancouver; May 4, 2008
- Website developer, redesign CHS Departmental website; November 2007-April 2008

- Meet 'n' Greet Lunch Reception, to attract and recruit medical students in the Community Medicine Residency Program; University of Calgary; February 2012, 2011, 2010, 2009, 2008 (Invited)
- Feedback requested and provided to four Grade 11 International Baccalaureate Diploma Program students working on an entry for the 2008 UNICEF Junior 8 Competition. This involves youth proposing solutions to the global issues that will be discussed at 2008 G8 conference; March 27, 2008
- Medical Hall of Fame, demonstrated videophones to high school students; Health Telematics Unit; Calgary, AB; October 17, 2008 (40 students); October 12, 2007 (37 students); October 12, 2006 (30 students)
- Reviewer Davies Scholarship Applications; Calgary, AB; July 4, 2007
- Moderator: Plenary Session. Allied Health. 6<sup>th</sup> International Conference on Successes and Failures in Telehealth. Brisbane, Australia; August 24-25, 2006
- Let's Talk Science, demonstrated videophones to Lord Beaverbrook students; Health Telematics Unit; Calgary, AB; May 17, 2006
- Poster Session Judge 9 student posters from Biostats program; UofC; Calgary, AB;
   December 1, 2005
- Moderator: Poster Session. Impact of Telehealth on Users and Homecare Moderator: Concurrent Session e-Learning. 8<sup>th</sup> Annual Meeting of the Canadian Society of Telehealth; Winnipeg, MB; September 25-27, 2005

## iii) Professional Development

- Five Day Non-Residential Mindfulness-Based Stress Reduction Retreat. Continuing Education, University of Calgary; June 24-28, 2015
- Using Curriculum Mapping as a Vehicle for Faculty Engagement in Teaching & Learning Workshop. Dr. Natasha Kenny, Director, Educational Development, Taylor Institute for Teaching and Learning and Dr. John Dawson, Professor, Molecular and Cellular Biology, University of Guelph, Educational Development Unit of the Taylor Institute for Teaching and Learning, University of Calgary, October 3, 2014.
- Sustainability and Innovation in Global Health Webinar (particularly useful information for MPH program in Tanzania and grant applications for projects with the Alumni) A program offered through Unite For Sight's Global Health University (educational division focused on best practices in global health and social entrepreneurship); May 1, 2014
- The Study Abroad Story: Digital Storytelling and International Education Webinar. Offered through Center for Digital Storytelling in Berkeley, California; May 1, 2014
- Digital Storytelling as Writing and Reflection Webinar (using digital storytelling in the context of writing programs; potential for teaching 'Determinants of Health' for 1st year BHSc students). Offered through Center for Digital Storytelling in Berkeley, California; April 30, 2014

- Tools for Responsible Global Engagement Webinar (particularly useful for engagement with MPH students in Tanzania) A program offered through Unite For Sight's Global Health University (educational division focused on best practices in global health and social entrepreneurship); April 24, 2014
- University Community Engaged Learning 101: Suggested guidelines to integrating Community Engaged Learning into your courses. Workshop, hosted by the Teaching and Learning Centre, The University of Calgary; March 21, 2014
- How do we incorporate community engaged learning in a course? Workshop, hosted by the Teaching and Learning Centre, The University of Calgary; March 21, 2014
- Educating for Creativity: Teaching and Learning Creatively and Learning to Create Workshop. Teaching and Learning Centre, The University of Calgary; January 29, 2014
- Connecting with Teaching and Learning Literature Workshop: Finding evidence in the literature to ground a study. Teaching and Learning Centre, The University of Calgary; January 27, 2014
- Write and Produce Your First Short Film for Next to Nothing! Webinar; December 16, 2013.
- Digital Storytelling for Educational Projects. Centre for Digital Storytelling Berkeley.
   Seattle, WA; March 10-12, 2013
- Sexy Science Workshop. Research Transfer Network of Alberta and Alberta Innovates Health Solutions. Sheraton Cavalier, Calgary, AB; November 30, 2012
- Scientist Knowledge Translation Training Course. Alberta Innovates Health Solutions;
   November 27-28, 2012
- Professional Grant Development Workshop. Grant Training Centre, Arlington, VA. Workshop held at Southern Alberta Institute of Technology; Calgary, AB: July 18-20, 2012
- International Innovation Forum, W21C, University of Calgary; June 26, 2012
- Making Connections 2012, Al-HS; Jasper, AB; June 17-20, 2012
- Academic Women: Strategies for Success; March 13, 2012
- Outcome Mapping Workshop, Canadian Evaluation Society Alberta & NWT Chapter, Edmonton, AB; October 24-26, 2011
- Turbo Change Your Writing (focused on graduate students), University of Calgary; April 27, 2011
- Creating the 7 Secrets of Highly Successful Research Students (focused on faculty),
   University of Calgary; April 26, 2011
- The 7 Secrets of Highly Successful Research Students (focused on graduate students), University of Calgary, April 26, 2011

- Managing Digital Copyright. University of Calgary; April 14, 2011
- AI-HS Social Marketing Workshop. When education isn't enough: Applying social marketing to KT (2 online sessions), webinar January 10, 2011 and workshop January 28, 2011
- ONLINE EDUCA BERLIN: 16th International Conference on Technology Supported Learning & Training; Berlin, Germany; December 1-3, 2010
- Mobilizing Research; Hamilton, ON; October 6-7 2010
- The Canadian Society for Training and Development (CSTD) National Symposium—Best Practices in Training and Development; Calgary May 27-28, 2010
- Realist Evaluation Methods 2-day workshop; University of Leeds, UK Sponsored by the Economic and Social Research Council (ESRC) National Centre for Research Methods; June 10-11, 2009.
- Applying Appreciative Inquiry to Evaluation Practice. Half-day workshop sponsored by the Canadian Evaluation Society; April 16, 2009
- Setting Expectations and Resolving Conflicts in Graduate Education. Workshop conducted by Dr. Karen L. Klomparens, Dean Graduate Studies, Michigan State University; Calgary AB; October 16, 2008
- Digital Storytelling Workshop, Centre for Social Work Research and Professional Development, University of Calgary; October 2008
- Evaluating Innovative Initiatives and Program: Using Systems Change & Complexity Science
  Frameworks and Ways of Thinking; Centre for Social Work Research & Professional
  Development; Calgary, AB; June 12-13, 2008
- Health Research Methods Workshop, University of Calgary; Digital storytelling; ethnography; May 2, 2008
- Department of Community Health Sciences Seminars weekly; University of Calgary; 2004present
- TESS Seminars bimonthly; Health Telematics Unit, University of Calgary; 2004-January 2008
- Clinical Research Technology Information Day, University of Calgary; November 7, 2007
- Knowledge Translation Symposium, University of Calgary; November 14, 2006
- CST 2006 Industry Breakfast, hosted by the e-Health Industry Project; Edmonton, AB;
   October 17, 2006
- Smart Camera System Demo, Sandbox, and Evaluation Session; Health Telematics Unit, University of Calgary; July 13, 2006
- International Health Day 2006, University of Calgary; March 10, 2006

- Coaching the Artist Within; Edmonton, AB; June 2005
- Faculty Technology Days 2005, University of Calgary; May 4-6, 2005
- Training System: FrontLine Leadership; Calgary, AB; May 2005
- Workshop 1 Intellectual Property, University of Calgary; January 2005

## **Community Service**

- Calgary International Film Festival annually previewed 100+ short films/year for the festival: 2015, 2014, 2013, 2009, 2008, 2007.
- Volunteer Co-Facilitator Digital Storytelling Workshops Feb 6 March 13/2014; co-facilitated digital storytelling workshops for 6 weeks, 4 hours/week for cancer survivors at Wellspring Calgary.
- Pennies for Pencils May 23 & 24, 2012; developed a fund raising campaign for Unicef Canada; Faculty of Medicine, University of Calgary
- United Way Barbeque September 2011; organized participation of CHS department;
   Faculty of Medicine, University of Calgary
- Samaritan's Purse Operation Christmas Child 2007-2009; Calgary warehouse supervise volunteers sorting and packing over 300,000 Christmas shoeboxes for distribution in developing countries each year
- World Vision Destination Life Change Chillanes, Ecuador, 2009; 2-week trip to visit local
  Area Development Project (ADP); activities included building community gardens at rural
  elementary schools; visiting sponsored children; touring local ADP projects including
  nutrition program, community computer project to assist young adults to finish high school,
  micro business training for teens to earn an income; completed a 4-minute digital story of
  the experience
- World Vision Seeder Project Web 2.0 Chittagong, Bangladesh, 2010: 2-week trip to visit local Area Development Project; activities included conducting a children's art project class for fifteen 8-12 year olds and touring local ADP projects; the trip purpose was to find and tell stories that illustrate the effectiveness of child sponsorship. These stories were posted on the World Vision 2.0 Website; completed a 2-minute documentary called "Invisible Women" about the incredible progress women are making in their lives with training through World Vision

## VIII. RESEARCH SUPPORT

• University Research Grants Committee (URGC)

Trustworthiness of Field Notes for Assessing Clinical Competence in Family Medicine Residents: A Construct Validity Study

Mentor; 2015-2016; \$15,000 PI: Mone Palacios

AIHS Partnership for Research & Innovation in the Health System 2 (PRIHS2)

Reassessment of Clinical Practices for Patient Presenting to the Emergency Department with Upper Gastrointestinal Bleeding

Co-principal Investigator; 2015-2018; \$699,000; PI: Eddie Lang

#### CIHR Operating Grant

A Mixed Methods Human Factors Evaluation of Patient Health Portals in Diabetes Co-Applicant; 2014-2016; \$220,000; PI: Doreen Rabi

## Teaching and Learning Grant (University of Calgary)

Interdisciplinary Approach to Arts and Humanities in Health Professional Education Principal Investigator; 2014-2016; \$40,000

### hSITE Research Network, Alberta Health Services – Operating Grant

Perceived risks and mitigating factors of secured messaging in clinical practice Co-Applicant; 2014-2015; \$43,580; PI: Doreen Rabi

## • The University Research Grants Committee (URGC) Seed Grant

Can Stories Change behavior? Feasibility of Developing and Evaluating a "Webisode" as KT strategy; Principal Applicant; 2010-2011; \$17,896 (extended to 2013)

## Health Research Transfer Network of Alberta (RTNA)

Mobilizing Research Travel Grant; Hamilton, ON, October 6-7 2010; \$1,600

### • Canadian Breast Cancer Foundation, Community Grant Program

Breast Cancer Supportive Care: Healthy Living after Breast Cancer Program; Co-Applicant; 2009-2010; \$50,000

# • Canadian Breast Cancer Foundation, Community Grant Program

Follow-Up Survivorship Care for Breast Cancer: A Standardized Approach for Development and Delivery; Co-Applicant; 2008-2009; \$50,000

#### The Calgary Foundation

Educational Material for Breast Cancer Patient Survivorship; Co-Applicant; 2008-2009; \$28,600

#### TEKTIC (Technology Enabled Knowledge Translation Investigative Centre)

How Global is e-Health and e-Health Related KT? Scott RE, Saunders C & Hebert MA; 2008-2009; \$9300

#### • Canadian Institutes of Health Research – CHPSTP

Strategic Training Initiative in Health Research (additional funds to original award); Co-investigator; 2008-2009; \$21,000

## University of Calgary – Teaching and Learning Award

Pilot for a Graduate Competencies Blueprint in Health Sciences; Principal Investigator; 2007-2010; \$58,750

## University of Calgary - University Research Grants Committee Travel Grant

Travel Grant to attend the Third IASTED International Conference on Telehealth 2007; Applicant; 2007-2008; \$1,800

## • Calgary Health Region Adult Research Committee

Health Care Professionals' Readiness to Adopt 'Point of Care Technology' on the Ward of the 21<sup>st</sup> Century; Principal Investigator; 2005-2007; \$2,880

• Michael Smith Foundation for Health Research: Health Services & Policy Research Priorities Fund BC Alliance on Telehealth Research and Policy to Enhance Home & Community Care and Chronic Disease Management;

Co-Investigator; 2005-2009; \$784,000

• Health Canada, Applied Research and Analysis Directorate; Health Policy Research Program Inter-Jurisdictional e-Health Policy – Issues, Options, and Recommendations.

Scott RE, Hebert MA, Casebeer A, Gagnon M, Noseworthy T. 2005-2007; \$253,000 (awarded but not granted as the Health Policy Research Program closed)

# Alberta Children's Hospital Foundation

Can Home Telehealth Technology Support Disease Management in Teens with Asthma? Principal Investigator; 2004-2006; \$31,126 (Pin Cai—Graduate Student)

## University of Calgary – International Grant

Visiting Professor (Dr. Ping Yu – Wollongong University, Australia); Principal Applicant; 2005; \$6,000

#### • Alberta Cancer Board – Palliative Care Network Initiative

Evaluation of e-Learning Project; Project Leader; \$12,500

• Canadian Institutes of Health Research (CIHR) – International Opportunity Program. *International Collaboration to Explore the Potential of E-Mentoring Support for Rural Health*; Principal Investigator; 2005-2008; \$25,000 (start-up grant)

#### Canadian Institutes of Health Research (CIHR)

Characteristics of Women's Domestic Violence Health Policy Communities in Five Countries; Co-Investigator; 2004-2005; \$100,000 (Operating Grant)

#### • Calgary Health Region

Evaluation and Performance Indicators (Clinical Telehealth Projects); Principal Investigator; 2003-2004; \$28,000

### • Canadian Institutes of Health Research (CIHR)

Multi-method study of Telehomecare Video-visits in Palliative Homecare; Principal Investigator; 2003-2006; \$423,000 (operating \$225,378; equipment \$197,550)

#### • Canadian Institutes of Health Research

Women's Participation in Domestic Violence Health Policy Development; Co-investigator; 2003-2004; \$74,695

# • Centre for Telehealth at Mheccu, UBC

HTU External Evaluation of Mheccu's CHIPP Project; Co-investigator; 2002-2003; \$28,000

## CIHR Rural & Remote Strategic Research Grant – M McLeod (UNBC) & J Dosman (UofS)

e-Health Research Team Development and Network Creation;

Co-investigator; 2003; \$5,000

#### • Alberta Health & Wellness

Inventory of Telehealth Evaluation Activities in Alberta; Co-investigator; 2003; \$11,000

# Alberta Heritage Foundation for Medical Research (AHFMR)

Letter of Intent: The IdeA Project (Informed Decision-Making in e-Health Applications) Research, Evidence

and Investment;

Co-investigator; 2003; \$5,000

## • Alberta Cancer Board Palliative Care Research Initiative

Pilot study: "Video-visits in Palliative Care"; Principal Investigator; 2002-2003; \$5,000

# • Health Canada—Health Policy Research Program—Applied Research and Analysis Directorate (ARAD) Telehealth Research Summer Institute;

Principal Applicant; 2002; \$23,243

### • CIHR Strategic Training Program Grants

A Collaborative Health Informatics Research Training Program; 8 university partners Co-investigator and Program Director; 2002-2007; \$1,270,000

# • Office of Learning Technologies – New Practices in Learning Technologies

Building Capacity in Health Informatics for Professionals in Health Settings; Co-investigator; 2002-2003; \$200,000

## CANARIE

Pan-Canadian Health Informatics Collaboratory; Co-investigator (11 partners;) 2002-2003; \$750,000

#### Calgary Regional Health Authority Strategic Research and Development Grant

Stakeholder Readiness for Tele-homecare Support; Principal Investigator; 2001-2002; \$19,392

#### Canadian Evaluation Society and SSHRC – Travel Grant

Canadian Evaluation Society Annual Conference; Banff, AB; Applicant; May 2001; \$700

# • Alberta Heritage Foundation for Medical Research - Travel Grant

MedInfo 2001; London, England; Applicant; September 2-6, 2001; \$1300

#### University Research Grants Committee - Starter Grant

Search for the Dependent Variable - Evaluating Telehealth Program Success; Applicant; 2001-2002; \$6,000

# University Research Grants Committee - Travel Grant

International Society for Telemedicine: 2<sup>nd</sup> Annual Meeting and 5<sup>th</sup> International Conference on Medical Aspects of Telemedicine; Montreal, QC; Applicant; October 1-4/2000; \$1,320

#### Multiple Funders - \$188,000 – 1999-2002

Developing a distributed experiential learning program in evidence-based practice for health professionals. Funding partners: Office of Learning Technologies \$100,000; Learning Enhancement Fund \$27,000; AHFMR \$21,000; ACHRN \$20,000; Institute for Professional Development (UofA) \$20,000; Lau F/Hebert MA— Co-Principal Investigators

#### • COACH - Canada's Health Informatics Association

Longitudinal Study of IS Implementation in Hospitals
Lau F/Hebert MA – Co-Principal Investigators 1997-1998; \$5,000

#### • BC Health Research Foundation

Impact of Computer Use on Health Care Professionals & Patient Care Principal Investigator; 1994-1995; \$21,000: 1995-1996; \$21,000

#### IX. INVITED ADDRESSES

- **Hebert MA.** "Realist Review" Approach to Effective e-Health: the Case of Type 2 Diabetes. 8 students at the University of KwaZulu Natal, Durban, South Africa. "Scopia" desktop videoconference used to present 1-hour lecture to 8 students, September 4<sup>th</sup>, 2014.
- **Hebert MA.** "I'm Having a Heart Attack?" 6 Webisodes presented to "Woman to Woman Cardiac Support Group" at the Cardiac Wellness Center, Talisman Center, Calgary, November 5, 2013.
- Hebert MA. Managing Your Supervisor. <u>Faculty of Graduate Studies Graduate Student Orientation</u>, University of Calgary, January 5, 2012
- **Hebert MA**. Opportunities in Graduate Education in the Department of Community Health Sciences, Bachelor of Health Sciences Program: What to Do With Your BHSc? Event; University of Calgary; November 22, 2007 (20 students, BHSc 3rd and 4th year); September 15, 2008 (20 students)
- Hebert MA. Evaluation of e-Learning Initiatives. Health Innovation and Information Technology Centre (HiiTeC) iChat Session; Calgary, AB; June 25, 2008
- Hebert MA. 1<sup>st</sup> Annual Conference: Enhancing Safety in Home, Community and Long Term Care,
   Discussed use and demonstrated videophones; Capital Health Region; Edmonton, AB; May 4, 2006
- Hebert MA. Multi-method Study of Telehomecare Video-Visits in Rural Alberta. Provincial Home/Community Care Innovation Project Implementation Committee; Edmonton, AB (teleconference); June 28, 2005

- Hebert MA, Brant R, Hailey D, van der Pol M. Video-Visits in Rural Palliative Home Care: Separating Fact from Fancy. <u>Telehealth/e-Health Seminar Series</u>, University of Calgary; Calgary, AB; October 27, 2005
- Hebert MA, Brant R, Hailey D, Van der Pol M, Jansen JJ. Successes and Challenges in a Study of Video-Visits in Palliative Homecare, Palliative Care Grand Rounds, Calgary Health Region; Calgary, AB; January 12, 2005
- **Hebert MA.** Calgary Health Region Report to the Community Demonstration of Home Telehealth Equipment; Calgary, AB; October 21, 2004
- Hebert MA. CST Home Telehealth Breakfast Roundtable invited "expert leader" for roundtable discussion at the CST Conference 2004; Québec City, QC; October 4, 2004
- **Hebert MA**. Calgary Health Region Telehealth Research Day Demonstration of Home Telehealth Equipment; Calgary, AB; April 24, 2004
- Hebert MA. Multi-method Study of Telehomecare Video-Visits in Rural Alberta. Calgary Health Region Clinical Telehealth Round Table. Invited presentation to highlight Telehealth projects in the CHR. Main Auditorium, Foothills Hospital; Calgary, AB; April 5, 2004
- Hebert MA. Ongoing Health Informatics Education: Integrating Research and Practice. Invited, presentation, discussion of results of ongoing e-learning projects. Calgary Health Region Nursing Informatics Interest Group; Calgary, AB; March 16, 2004
- Jennett P, Yeo M, Scott RE, Hebert M. The Impact of the Alberta SuperNet\* from an E-Health Perspective. Invited. Symposium on the Alberta SuperNet; Calgary, AB; February 17, 2004
- Meginbir L, Shepherd M, Hebert MA. The Pan-Canadian Health Informatics Collaboratory. Invited.
   Third Pan-Canadian E-Learning Workshop; Vancouver, BC; January 12, 2004
- **Hebert MA**. Research Update: Online Health Informatics Training. Invited. Nursing Informatics Interest Group; Calgary Health Region; December 16, 2003
- Hebert MA. Evaluation Frameworks. 4th Annual Telehealth Research Summer Institute University of Calgary; Calgary, AB; June 26-28, 2003
- Jennett, P, Scott, RE, Hebert MA. The Health Telematics Unit Global e-Health Research and Training Program. CST Education Committee via videoconference; June 13, 2003
- **Hebert MA**. Potential of Home Telehealth to Transform Chronic Care. Alberta We//net Home Telehealth Committee via videoconference; June 5, 2003
- **Hebert MA**. Potential of Home Telehealth to Transform Chronic Care. Southern Alberta Child and Youth Health Network via videoconference; May 20, 2003
- Hebert MA. <u>Implementing a Constructivist Approach to Web Course Design</u>. University of Calgary Medical Education Seminar; March 12, 2003
- **Hebert MA.** Developing a Distributed Experiential Learning Program: Methodological Challenges in Evaluation. School of Health Information Science, University of Victoria; Victoria, BC; March 8, 2002

- Hebert MA. How Canadians Communicate: The Role of Telehealth. How Canadians Communicate Conference. Graduate Program in Communications Studies, University of Calgary and Banff, AB; November 1-3, 2001
- Hebert MA. <u>Telematics to Support Technology-Enabled Continuing Professional Development</u>.
   PALLIUM Project Launch & Needs Assessment Symposium. Calgary, AB; April 27, 2001
- **Hebert MA.** <u>Investigating the Impact of Telehealth on Health Care Delivery</u>. 4<sup>th</sup> Annual E-Health 2001. Sponsored by the IIR Health Advisory Board. Sydney, Australia; March 26-28, 2001
- Hebert MA. Investigating the Impact of Telehealth: Developing an Evaluation Framework. The
  Telehealth Connection: Expanding Access, Shrinking distances in health Service Delivery. Sponsored
  by the Health Association of BC and the Division of Continuing Medical Education, Faculty of
  Medicine, UBC; Vancouver, BC; March 29-31, 2001
- **Hebert MA**. Telehealth Evaluation: Points for Discussion. Telemedicine Think Tank: Sponsored by the Ontario Ministry of Health and Long-Term Care in conjunction with Northern Shores District Health Council; Toronto, ON; September 6-8, 2000
- Hebert MA. Telehealth Evaluation. VON Canada Annual Conference and AGM; Vancouver, BC;
   November 5, 1999
- Hebert MA. Impact of Information Technology on Health Care Professionals: A Multiple Case Study of Community Hospitals. University of Victoria - Health Information Science Program; Victoria, BC; October 1996
- Hebert MA. Impact of Information Technology on Health Care Professionals: A Multiple Case Study of Community Hospitals in B.C. Canadian Evaluation Society Conference (BC Chapter); Vancouver, BC; September 1996

# **Invited Participation**

- Graduate Education Retreat. Invited to participate in annual planning session for graduate education in the Faculty of Medicine; University of Calgary, McEwan Centre; March 27, 2014.
- E-Learning in the Health Professions: Health and Wellness. Invited participation in two meetings of
  interested multi-disciplinary members in developing e-learning opportunities in the Health
  Professions, between University of Calgary and Calgary Health Region; University of Calgary;
  Calgary, AB; June 2, 2004
- Canadian Consensus Telehealth Outcomes Workshop. University of Calgary; Calgary, AB; June 24-25, 2003
- Technology Enabled Knowledge Transfer Workshop. Sponsored by CIHR, Institutes and other partners: Vancouver, BC; March 27-28, 2003
- Official Launch. Health Telematics Unit, Telehealth & e-Health Program; University of Calgary; Calgary, AB; May 23, 2002
   Demonstrated:
  - Videophones for healthcare at home
  - Home Telehealth using wireless technologies

- Model for Dissemination and Utilization of Evidence. Co-sponsored by the Canadian Nurses Association and Health Canada (Health Promotion and Programs Branch); Ottawa, ON; March 3-4, 1998
- Understanding Information Technology, Globalization, and Changes in the Nature of Work.
   International Workshop Faculty of Business; University of Alberta; Edmonton, AB; July 23-25, 1997

#### X. PUBLICATIONS/PRESENTATIONS

- i. Peer reviewed manuscripts

  Journals
  - Shahpori R, **Hebert MA**, Kushniruk A and Zuege D. Tele-ICU A Survey of the Attitudes and Perspectives of Critical Care Clinicians. Journal of Critical Care, 2010; 26(3): 328
  - **Hebert MA**, Lau FY. Management and Evaluation of a pan-Canadian Graduate Training Program in Health Informatics. The Journal of Distance Education, 2010; 24 (1); 107-122
  - Mack LA, Bathe OF, Hebert MA, Tamano E, Buie WD, Fields T, Temple WJ. Opening the Black Box of Cancer Surgery Quality: WebSMR and the Alberta Experience. <u>Journal of Surgical</u> Oncology, 2009; 09: 525-530
  - Scott RE, Saunders C, Hebert MA, Environmental eHealth: A Social Responsibility for eHealth Proponents, Global Telemedicine and eHealth Updates, 2009; 2: 94-98
  - Hebert MA, Paquin MJ, Whitten L, Cai P. Analysis of the suitability of 'video-visits' for palliative home care: implications for practice. <u>Journal of Telemedicine and Telecare</u>, 2007; 13: 74-78
  - **Hebert MA**, Brant R, Hailey D, van der Pol M. Potential and readiness for video-visits in rural palliative homecare: results of a multi-method study in Canada. Journal of Telemedicine and Telecare, 2006; 12(S3):43-45
  - Cai P, Hebert MA, Cowie R, Meadows L. Experience with Home Telehealth to Support Disease Management in Teenagers with Asthma. <u>Journal of Telemedicine and Telecare</u>, 2006; 12(S3):23-25
  - Hebert MA, Korabek B, Scott RE. Moving Research into Practice: A Decision Framework for Integrating Home Telehealth into Chronic Illness Care. <u>International Journal of Medical Informatics</u>, 2006; 12:786-794
  - Gagnon M-P, Lamothe L, Hebert MA, Chanliau J, Fortin JP. Telehomecare for vulnerable populations: The evaluation of new models of care. <u>Telemedicine Journal and e-Health</u>, 2006; 12(3):324-331
  - Paquin MJ, Hebert MA. Coming full circle in oncology hospice palliative care telelearning: A case-study approach. <u>Journal of Palliative Care</u>, 2005: (21)3; 224
  - Jennett P, Yeo M, Scott RE, Hebert MA, Teo W. Delivery of rural and remote health care via a broadband Internet Protocol network – views of potential users. <u>Journal of Telemedicine</u> <u>and Telecare</u>, December 2005; 11(8):419-424

- Hebert MA, Korabek B. Stakeholder readiness for telehomecare: Implications for implementation. Telemedicine Journal and e-Health, 2004: 10(1);85-92
- Hebert MA, Jansen JJ, Brant R, Hailey D, van der Pol M. Successes and challenges in a field-based multi-method study of home telehealth. <u>Journal of Telemedicine and Telecare</u>, 2004: 10 (Suppl. 1); S1:41-44
- Ells AL, Holmes, JM, Astle WF, Williams, G, Leske DA, Fielden M, Uphill, B, Jennett P, Hebert
   M. Telemedicine approach to screening for retinopathy of prematurity: A pilot study.
   Ophthalmology, 2003: 110(11); 2113-2117
- **Hebert MA,** Paquin, MJ & Iversen, S. Stakeholder Readiness Assessment for Telehomecare: Predicting Success. <u>Journal of Telemedicine and Telecare</u>, 2002: 8(Suppl 3); 33-36
- Lau F & **Hebert MA.** The realities of synthesizing and disseminating research evidence in practice. <u>Healthcare Management FORUM</u>, December 2001: 30-38
- Wootton R & **Hebert MA.** What constitutes success in telehealth? Proceedings of Success and Failures in Telehealth Conference; June 21-22, 2001; Brisbane, Australia. <u>Journal of Telemedicine and Telecare 2001</u>, 7 (Suppl. 2): S2:3-7
- Lau F & Hebert MA. Experiences from health information system implementation projects reported in Canada between 1991 and 1997. <u>Journal of End-User Computing (Special Issue on Medical Informatics)</u>. October-December 2001: 17-25
- **Hebert MA.** Impact of Patient Care Information Systems on Health Care Professionals and Patient Care in Two Community Hospitals. <u>International Journal of Healthcare Technology and Management</u>, 2, (1/2/3/4); 2000: 393-401
- **Hebert MA.** A National Education Strategy to Develop Nursing Informatics Competencies. <u>Canadian Journal of Nursing Leadership</u>, 13, (2); May/June 2000: 11-14
- Hebert MA. Professional and organizational impact of using patient care information systems. In B. Cesnik, McCray, AT & Scherrer, JR (Eds). <u>MedInfo '98: 9th World Congress on</u> <u>Medical Informatics</u>. Amsterdam, IOS Press; 849-853
- Hebert MA. Impact of IT on Health Care Professionals: Changes in Work and the Productivity Paradox. <u>Health Services Management Research</u>, 11; 1998: 69-79
- Hebert MA. The Impact of Computer-Based Information Systems in Quality Patient Care.
   Clinical Performance & Quality Health Care, 3(3); July/August/September 1995: 169-173
- **Hebert MA.** & Benbasat, I. A Field Study in the Adoption of Information Technology in Hospitals: Understanding the Relationship Between Attitudes, Expectations and Behaviour. <u>Hospital & Health Services Administration</u>, 39 (3); Fall 1994: 369-384

#### **KT Products**

• **Hebert MA**. Produced, directed and co-wrote 6 webisodes to make evidence visible. "I'm Having a Heart Attack?" tells the stories of how women experience heart attacks and recovery differently than men. June 2013. Available at:

Webisode 1. Symptoms - http://www.youtube.com/watch?v=MwFkGIHrqRA

Webisode 2. Getting to the Hospital - <a href="http://www.youtube.com/watch?v=nJiqp">http://www.youtube.com/watch?v=nJiqp</a> X-sGI

Webisode 3. Emergency Room - <a href="http://www.youtube.com/watch?v=TbT2rnvpbt0">http://www.youtube.com/watch?v=TbT2rnvpbt0</a>

Webisode 4. Hospital Stay - <a href="http://www.youtube.com/watch?v=Mxy">http://www.youtube.com/watch?v=Mxy</a> 8nvuXcc

Webisode 5. Returning to Normal - <a href="http://www.youtube.com/watch?v=ZjzhjhQBTDs">http://www.youtube.com/watch?v=ZjzhjhQBTDs</a>

Webisode 6. Final Group Meeting - http://www.youtube.com/watch?v=0KblrUP6dxA

### Manuscripts Under Development

- Hebert MA, Palacios M, Porcino A. The Blue Print Project Validation of Graduate Education Competencies in Community Health Sciences
- **Hebert MA.** Transforming a Graduate Program: Stakeholders' Survey
- **Hebert MA.** Value of Competencies in Course Development and Evaluation

# **Presentations**

- Grendarova P, Hebert M. Advanced Cancer Patients' Perspectives on a Video Decision Aid
  Used to Enhance Goals of Care Discussions. 5<sup>th</sup> International Conference on Advance Care
  Planning and End of Life Care, Munich, Germany, September 9-12, 2015. (Abstract
  Submitted)
- Hebert M. Powerful stories of patient experience Can we build a meta-story for change?
   Voices of Change: Storywork in Activism, Education, and Public Service.
   Smith College, Northhampton, MA, September 25-27, 2015 (Abstract Accepted).
- <u>Grendarova P</u>, **Hebert M**. Advanced Cancer Patients' Perspectives on a Video Decision Aid Used to Enhance Goals of Care Discussions: Final Results, <u>Radiation Oncology Departmental Rounds</u>, Tom Baker Cancer Centre, Calgary, Alberta; March 3, 2015.
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