Welcome to the Annual Academic and Scholarly Report of the Department of Medical Education. We hope that you will enjoy looking through this report, and appreciate the scholarly and academic activities that our department members have undertaken or completed in the calendar year 2012.

Such reports are exciting in that we attempt to assemble a report representing the many varied scholarly activities of our departmental members, both within our Department of Medical Education as well as in the other departments and academic units of which they are also members. We hope that you will appreciate the varied work that our departmental members provide to the academic mission of the Faculty as a whole.

Such undertakings also carry their own ‘risks’. Invariably there will be some omissions, faculty who did not meet the deadline, potential report errors and areas of scholarly or academic pursuit that are not adequately reflected in this report. For this, we ask for your ongoing patience and invite you to provide us with the appropriate feedback so as to continue to hone the rigor by which we look at the varied academic and scholarly contributions of our departmental members within our Faculty. Your feedback will provide us with further impetus, opportunity and focus to promote the medical education mission of our faculty.

To those department members who did contribute to this 2012 report, we wish to thank you all personally and look forward to your ongoing academic endeavors in the years to come.

Warmly,

William P. Fleisher, MD, FRCPC
Editor

Andrew MacDiarmid, MD
Head, Department of Medical Education
# Table of Contents

1. Books or Book Chapters Authored or Edited .............................................................. 4

2. Papers Published in Peer-Reviewed Journals ............................................................. 5

3. Other Publications ........................................................................................................ 6

4. Papers, Symposia, or Posters Presented at Scientific Conferences ......................... 7 - 9

5. Faculty of Medicine Student/Resident/Learner Formal Research Presentations .......... 10

6. Invited Addresses (Including Grand Rounds) ............................................................ 11, 12

7. External Funding (Peer Reviewed) ................................................................................ 13

8. External Funding (Other Sources) ................................................................................ 14

9. Editorships, Guest Editor, Memberships on Journal Editorial Boards ...................... 15

10. Reviewing Activities for Journals, Granting Councils, Conferences or Universities ......................................................................................................................... 16

11. Awards & Honours, Faculty & Other ........................................................................... 17

*PLEASE NOTE*

All department members’ names are in **bold**, while learners are underscored.
Books or Book Chapters Authored or Edited
Papers Published in Peer-Reviewed Journals


Other Publications


Cooper J, Hackett M, Wener P. Research partnerships: Taking them to the next level. OT Now, 14, 22-23, 2012.


Kristjanson C. Creating a culture of inquiry in medical education. Department of Medical Education Newsletter, University of Manitoba. Winter 2012.
Papers, Symposia, or Posters Presented at Scientific Conferences (peer reviewed)

AbouMehrem A, Heese R, **Unger B**, Srinivasan G. Laryngeal mask airway is equivalent to endotracheal intubation during positive pressure ventilation and chest compressions in neonatal resuscitation high fidelity simulation model. Platform presentation. 20th Western Perinatal Research Meeting, Banff, AB. February, 2012.


AbouMehrem A, Heese R, **Unger B**, Srinivasan G. Laryngeal mask airway is equivalent to endotracheal intubation during positive pressure ventilation and chest compressions in neonatal resuscitation high fidelity simulation model. Poster presentation. Pediatric Academic Societies meeting, Boston, MA. April, 2012.

AbouMehrem A, Heese R, **Unger B**, Srinivasan G. Laryngeal mask airway (LMA) or endotracheal intubation (EI) for advanced newborn resuscitation: a randomized cross-over trial in a high fidelity simulation model. Accepted for poster presentation: Pediatric Academic Societies meeting, Washington, DC. November, 2012.

**Cavett, T and Hamilton, JL.** Does teaching critical thinking work. Montreal International Conference on Clinical Reasoning, Laval University, Montréal, PQ, October, 2012

Chan MK, Harris I and **Fleisher W.** Can technology improve the ITER assessment process? International Conference on Resident Education (ICRE 2012), Ottawa, ON, October 20, 2012.


Papers, Symposia, or Posters Presented at Scientific Conferences (peer reviewed), cont’d


Wener P. Woodgate R. Primary and mental health care providers delivering mental health services in community settings: Towards a model of collaboration. All together better health VI, Kobe, Japan, October, 2012.

Papers, Symposia, or Posters Presented at Scientific Conferences (peer reviewed), cont’d


Faculty of Medicine Student/ Resident/ Learner
Formal Research Presentations


Kraut J. Gesture Controlled Three Dimensional Anatomy - Resident Research Day - Hombach S, Kraut J, Unger B, Hochman J, Department of Otolaryngology, University of Manitoba, May 2012.

Kraut J. A Novel Haptic Dissector: Pressure Control versus Position Control, - Resident Research Day - Unger B, Hochman J, Department of Otolaryngology, University of Manitoba, May 2012.


Invited Addresses & Other Presentations
(Including Grand Rounds)

Brown R
January 2012  Situation Awareness: Innate or Teachable?  Academy of Anesthesiology, Santa Monica CA.

February 2012  One-on-one teaching. Faculty of Medicine Faculty Development Series, Department of Medical Education, University of Manitoba.

April 2012  Scenario Development. Faculty of Medicine Faculty Development Series, Department of Medical Education, University of Manitoba.

October 2012  Situation Awareness: Innate or Teachable? Grand Rounds Department of Anesthesiology and Perioperative Medicine, University of Manitoba.

November 2012  Ultrasound for Regional Anesthesia and Vascular Access: Should it be a standard of care? Jilin Province Anesthesia Conference, Changchun, China

November 2012  Onsite vs. Off-site Simulation Centres. Pro-con Debate. RCPSC Simulation Summit, Ottawa ON.

Fleisher W
May 14, 2012  Presenter & Moderator, “Leadership as a Competency: Old Skills in New Clothing, Should Godot have taken Leadership Training?” Health Sciences Forum, Department of Medical Education, University of Manitoba.


September 11, 2012 Fleisher W, Skakum K, Adeponle A & Cooke C. What to do While You’re Waiting to Get There: the Psychiatry Toolkit. Grand Rounds presentation, Department of Psychiatry, University of Manitoba, Winnipeg, MB.

November 5, 2012  Discussant and Moderator (with Dr. L. Schwartz, case presenter), Psychotherapy Section, Manitoba Psychiatric Association.
## Invited Addresses & Other Presentations (Including Grand Rounds), cont’d

<table>
<thead>
<tr>
<th>Name</th>
<th>Month, Year</th>
<th>Title of Talk</th>
<th>Location/Details</th>
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<tbody>
<tr>
<td>Kristjanson C</td>
<td>November, 2012</td>
<td>Facilitator and Presenter, Community Health Sciences retreat for the development of the new undergraduate curriculum.</td>
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<tr>
<td>Toews I</td>
<td>February 13, 2012</td>
<td>Invited Speaker &quot;Conflict Management&quot; Gastroenterology Residency Program, University of Manitoba.</td>
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<tr>
<td></td>
<td>November 21, 2012</td>
<td>Presenter &quot;Giving Feedback&quot; Department of Medical Education, University of Manitoba.</td>
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<tr>
<td>Unger B</td>
<td>May 9, 2012</td>
<td>Modeling Complex Anatomy for Pre-operative Planning and Surgical Training, Department of Surgery Grand Rounds, University of Manitoba, Winnipeg, MB.</td>
<td></td>
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<tr>
<td>Wener P</td>
<td>September, 2012</td>
<td>Wener P, Woodgate, R. Collaborating to deliver mental health services in primary care settings: Phase 1 results, Winnipeg Regional Health Authority Shared Care Team Meeting, Winnipeg, Manitoba.</td>
<td></td>
</tr>
</tbody>
</table>
External Funding (Peer Reviewed)

Rao P, Brown R (CI), Pauls, R(CI), Srinathan, S. (PI). University of Manitoba Anesthesia Department Academic Oversight Committee Research Grant 2012-2013, Epidural vs. Paravertebral Analgesia after thoracotomy $10,000
External Funding (Other Sources)

**Unger B.** (2012-2014) Health Sciences Centre Foundation, *Mixed-reality simulation for temporal bone surgical training*: $70,000 (PI)

**Unger B.** (2012) NSERC ENGAGE Grant, *Design of Haptic Interface for Mixed-Reality Surgical Drilling Simulation*: $25,000 (CI)

Editorships, Guest Editor, Memberships on Journal Editorial Boards
Reviewing Activities for Journals, Granting Councils, Conferences or Universities

**Hamilton J**  Practice Evidence for Nutrition, Dietitians of Canada (2013), Reviewer.

**Kristjanson C**  National Board Medical Examiners, Grant application reviewer for the Stemmler Fund.

Canadian Association for Medical Education, Abstract reviewer for the 2013 Annual Conference.

**Unger B**  Reviewer, IEEE Transactions on Haptics
Reviewer, NSERC Physics and Computer Science Discovery Grants

**Wener P**  Reviewer, Journal of Interprofessional Care
Reviewer, All Together Better Health VI: International Conference for Interprofessional Education and Collaborative Practice.
Member, Grant Review Committee, Jewish Foundation of Manitoba
Member, Abstract Peer Review Committee for Collaborating Across Borders IV Conference
Member, Abstract Review Committee, Canadian Association of Occupational Therapists National Conference.
Awards & Honours, Faculty & Other

Hamilton J
2012  Certificate of Merit, The Canadian Association for Medical Education (CAME), for outstanding contributions to Medical Education.

Wener P
2012  Doctoral Scholarship, Canadian Occupational Therapy Foundation Presentation/Travel Funding, University of Manitoba Interprofessional Education Initiative