This report provides an overview of research activities of the core DME faculty and staff. 
An environmental scan reveals:

- 59 new publications (peer reviewed articles and book chapters)
- 32 new or active medical education research studies underway
- $6.1 million in funded medical education research studies currently underway in which 
  DME Faculty are principal investigators or co-investigators.
  - Funding from internal (Dalhousie Living Lab Medical Education grants) and 
    external sources, including Tri-Council Agencies.

Additionally, the scholarly and research activity of faculty appointed and cross-appointed to 
DME would increase the research and publication statistics provided above.

### Selected Publications of Core DME Faculty and Staff

**In press – to be published in 2016**

MacLeod A. (2016). Understanding the culture of graduate medical education: a call for ethnographic 
research. *Journal of Graduate Medical Education* (In press, February 2016 publication).

Mann K, Gaufberg E (2016). Role-modeling and mentoring the formation of professional identity. In: 
University Press (in press – publication in April, 2016).

learning content from one Canadian medical school. *Teaching and Learning in Medicine* (in press, Spring 
2016 publication).
2015


2014


2013


Sargeant J, Bruce D, Campbell CM (2013). Practicing physicians’ needs for assessment and feedback as


2012


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<tr>
<th>New and Active Research Grants</th>
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<tr>
<td><strong>2015-2016</strong> Alexiadis Brown P, O'Hearn S, Boulay R. Understanding the fidelity of Dalhousie LIC programs: are we fulfilling our social accountability objectives? Dalhousie Living Lab Medical Education Grant. $2460</td>
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<tr>
<td><strong>2015-2016</strong> Beatty L, Croskerry P. Critical Thinking Assessment in Dalhousie Final Year Medical Undergraduates in 2015. Dalhousie Living Lab Medical Education Grant. $5000</td>
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<td><strong>2015-2016</strong> Bergin F, Alexiadis Brown P, Kyte D. Understanding how professional boundaries may influence the learning experience. Dalhousie Living Lab Medical Education Grant. $1230</td>
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<td><strong>2015-2016</strong> Evans J, MacLeod H, Wright S, Field S. Enhancing and assessing the effectiveness of PIER 2 communication skills training on explanation, planning and shared decision-making in the medical interview. Dalhousie Living Lab Medical Education Grant. $2100</td>
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<td><strong>2015-2016</strong> Evans J, Fagan A, Stewart K. Entrustment in the operating room: an exploration of the intraoperative dynamic between surgery residents and surgeons. Dalhousie Living Lab Medical Education Grant. $980</td>
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<td><strong>2015-2016</strong> Finkle SN, Shearer C, Evans J. Teaching and assessing the communicator role in the postgraduate clinical environment at Dalhousie. Dalhousie Living Lab Medical Education Grant. $1754</td>
</tr>
<tr>
<td><strong>2015-2016</strong> MacLeod A, Croskerry P, Field S, Kitts O, Urquhart R. Becoming a physician in a digital age: mobile technologies and critical thinking. Dalhousie Living Lab Medical Education Grant. $4980</td>
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<td><strong>2015-2016</strong> MacLeod A, Hall J, Kitts O, Power G. Distributed medical education and professional identity. Dalhousie Living Lab Medical Education Grant. $4980</td>
</tr>
<tr>
<td><strong>2015-2016</strong> O'Hearn S, Rehbein B, Edwards J, <strong>Stewart W</strong>, Simpson C. Exploring risks and benefits of service learning for medical students and community organizations. Dalhousie Living Lab Medical Education Grant. $2850</td>
</tr>
</tbody>
</table>
2015-2016  **Alexiadas Brown P, Steeves J, Saddiq F, Miedema B, Jackson L, Hall J, Price S.** Evaluating Dalhousie university’s distributed medical training programs in the Maritimes: what are the outcomes? Dalhousie Living Lab Medical Education Grant. $4975

2015-2016  **Warren A, Bergin F, Acuna J, Evans J, MacLeod H, Shearer C.** Teaching communication skills for value added care. Dalhousie Living Lab Medical Education Grant. $5000


2014-2015  **Evans J, MacLeod H, Muir J.** Medical students' perceptions of their developing communication skills competency: determining factors that build or block their skill development. Division of Medical Education Research and Development Fund, $5,000

2014-2015  **Evans J, MacLeod H, Muir J.** Faculty perspectives on the experience of teaching communication skills in the Skilled Clinician Unit for first year medical students. $0 (unfunded research)


2013-2015  **MacLeod A, Brisseau G, Williams G.** e-Learning in postgraduate medical education: a sociomaterial investigation. Royal College of Physicians and Surgeons of Canada (Medical Education Research Grant) $45,057

2013-2014  **Sargeant J, Mann K, Manos S, Epstein I, Warren A.** Testing an evidence-based model for facilitating competency-based performance feedback and improvement in residency education: what works and why? Living Laboratory Research Fund, Faculty of Medicine, Dalhousie University. $4,990

2013-2014  **Mann K, Sargeant J, Evans J, Muir J, Stephenson J.** Teaching and learning of empathy in undergraduate medical education: an exploration of faculty understandings and perspectives. Living Laboratory Research Fund, Faculty of Medicine, Dalhousie University. $5,000

2013-2015  **Field S, MacLeod A, Matte M, Love S, Power G.** Is there a relationship between student grades on the mini-CEX assessments and their results on the OSCE examination? Dalhousie Faculty of Medicine Living Lab Fund. $0. (unfunded research)

2013-2015  **Field S, MacLeod A, Matte M, Love S, Power G.** What are the students’ perceptions of the value of each PIER? Dalhousie Faculty of Medicine Living Lab Fund. $1,200

2013-2015  **Gubitz G, Phillips S, Bhan V, MacLeod A, Vallis M, Wheatley B, Fletcher W.** Assessing Faculty preparedness for competency based medical education (CBME) in the Adult Neurology Residency Program at Dalhousie University. Dalhousie Faculty of Medicine Living Lab Fund, $4,287
Matte M, MacLeod A, Field S, Love S, Power G. Assessment of Student Performance: For an individual student is there a correlation between the results of explanatory vs. experiential assessment strategies? Dalhousie Faculty of Medicine Living Lab Fund. $0 (unfunded research)

Matte M, MacLeod A, Field S, Love S, Power G. A Socially accountable medical school: Does our curriculum reflect our diverse populations and their associated health care disparities? Dalhousie Faculty of Medicine Living Lab Fund $670

Matte M, MacLeod A, Field S, Love S, Power G. To what extent can the learning objectives designed for Rural Week be met in a one-week immersion experience? Dalhousie Faculty of Medicine Living Lab Fund, $1,575

Matte M, MacLeod A, Field S, Love S, Power G. Are the number of marginal passes recorded for a student in the undergraduate medical education program a predictor of success on the Medical Council of Canada Part I and Part II examinations? Dalhousie Faculty of Medicine Living Lab Fund. $0. (unfunded research)

Field S, MacLeod A, Matte M, Love S, Power G. Is there a correlation between student absences from mandatory curricular sessions and overall student performance on the MCC Part 1 and 2? Dalhousie Faculty of Medicine Living Lab Fund. $0 (unfunded research)


Abidi SSR, Parker L, Bernstein M, Abidi S. An integrated knowledge management framework for supporting young cancer survivors. CIHR (Catalyst Grant). $89,219