

# Matthew M. Brehmer M.Sc, B.Comp

---

CONTACT INFORMATION      Imager Laboratory for Graphics, Visualization and HCI      **web** : cs.ubc.ca/~brehmer  
Department of Computer Science, 201-2366 Main Mall      **e-mail** : brehmer[at]cs.ubc.ca  
University of British Columbia, Vancouver BC V6T1Z4, Canada      **tel** : +1 778 834 3016

INTERESTS      Human-computer interaction, cognitive science, information visualization, visual analytics, graphical perception, evaluation techniques, task-switching & interruptions, research methodologies.

EDUCATION      **University of British Columbia**      Vancouver BC, Canada  
*Doctor of Philosophy (Computer Science)*      **2011 – present**  
(supervised by Dr. Tamara Munzner & Dr. Joanna McGrenere)

*Master of Science (Computer Science, Sub-specialisation in HCI)*      **2009 – 2011**  
Thesis : *Usability and the Effects of Interruption in C-TOC : Self-Administered Cognitive Testing on a Computer* (supervised by Dr. Joanna McGrenere & Dr. Claudia Jacova (Neurology)).

**Queen's University**      Kingston ON, Canada  
*Bachelor of Computing (Honours), with Distinction*      **2004 – 2009**  
*Specialization in Cognitive Science with Professional Internship*

PUBLICATIONS      **Brehmer, M.**, McGrenere, J., Tang, C., & C. Jacova. Investigating Interruptions in the Context of Computerised Cognitive Testing for Older Adults. In *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)*, 2012.

Hwang, I. , MacLean, K. E., **Brehmer, M.**, Hendy, J., Sotirakopoulos, A., & S. Choi. The Haptic Crayola Effect : Exploring the Role of Naming in Learning Haptic Stimuli. In *Proceedings of World Haptics Conference*, pp. 385-390, 2011.

**Brehmer, M.**, Graham, T. C. N., & T. Stach. Activate Your GAIM : A Toolkit for Input in Active Games. In *Proceedings of Future Play*, pp. 175-182, 2010.

Stach T., Graham, T. C. N., **Brehmer, M.**, & A. Hollatz. Classifying Input for Active Games. In *Proceedings of Advances in Computer Entertainment*, pp. 379-382, 2009.

WORK EXPERIENCE      **Dept. of Computer Science, University of British Columbia**      Vancouver BC, Canada  
*Research Assistant, Teaching Assistant*      **2009 – present**

**Engineering Interactive Systems at Queen's University**      Kingston ON, Canada  
*Research Assistant*      **2008 – 2009**

**EMC<sup>2</sup> Documentum**      Toronto ON, Canada  
*Interaction Design Intern*      **2007 – 2008**

**Killam Properties, Inc.**      Halifax NS, Canada  
*Website Developer, IT Support Staff*      **Summer 2006**

HONOURS & AWARDS      **University of British Columbia**      Vancouver BC, Canada  
NSERC PGS-D3 (\$63,000)      **2011 – 2014**  
UBC 4-Year Fellowship (\$16,000)      **2014 – 2015**  
UBC Tuition Award      **2011 – 2015**  
UBC Computer Science Merit Scholarship (\$10,000)      **2009 – 2011**

**Queen's University**      Kingston ON, Canada  
Dean's Entrance Scholarship in Computing (\$1,000)      **2004 – 2005**  
Ontario Provincial Police Association Bursary (\$750)      **2004 – 2005**