

Chris Teeter, Ph.D.

Curriculum Vitae

Contact Information

Email: christopher.teeter@gmail.com

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Personal Information

Birthdate: September 10, 1984

Citizenship: Canadian

Education

Ph.D. Psychology, Neuroscience & Behaviour

Sep. 2006 - Sep. 2011

McMaster University.

Thesis: An investigation of spatial references frames and the characteristics of body-based information for spatial updating.

Supervisor: Dr. Hong-Jin Sun

Bachelor of Arts (Honours), Psychology

Sep. 2002 - May 2006

Mount Allison University.

Thesis: The role of self-schemas on the susceptibility to false information within autobiographical memories.

Supervisor: Dr. Jennifer Tomes

Areas of Interest

Research: Retrieval enhanced learning, multimedia design for instruction, models of learning, cognitive load, spatial cognition, cognitive biases, data visualization, and sabermetrics.

Teaching: Research Design and Statistics, and Cognitive Science.

Employment History

Policy and Research Analyst

May 2017 - present

Maritime Provinces Higher Education Commission

- Primary coordinator of the *Graduate Outcomes Survey* program of university graduates.
- Analyze survey and administrative data to produce publicly available publications (e.g., infographics, reports, statistical tables) that highlight trends in higher education in the Maritime provinces for a wide ranging audience.
- Developed and maintain two interactive web applications that allow users to explore data for universities in the Maritime provinces related to (1) enrolment and credentials granted data, and (2) university participation rates.

Columnist

Apr. 2015 - Jan. 2018

Baseball Prospectus Boston (boston.locals.baseballprospectus.com)

- Published an article weekly using publicly available databases to answer relevant questions related to roster construction, strategy, and player performance for the Boston Red Sox.

Data/Records Entry (part-time)

Oct. 2015 - May 2017

Quality Assurance Inc. Edmonton, Alberta.

- Remotely managed large datasets and worked to improve efficiency of data entry.

Editor and Featured Writer

Dec. 2013 - Feb. 2016

Beyond the Box Score (www.beyondtheboxscore.com)

- Published an article weekly using publicly available databases that highlighted interesting trends in player and team performance across Major League Baseball.
- Edited the work of other contributors with an eye toward improving the clarity of the writing and ensuring correct application of statistics and analyses.

Sessional Instructor

Jan. 2015 - Apr. 2015

St. Thomas University. Department of Psychology.

Course: PSYC 2013 – Introduction to Statistics

Sessional Instructor

Jan. 2014 - Apr. 2014

McMaster University. Department of Psychology, Neuroscience & Behaviour.

Course: PSYC 1XX3 – Foundations of Psychology, Neuroscience & Behaviour.

Postdoctoral Fellow

Sep. 2011 - Jan. 2014

McMaster University. Department of Psychology, Neuroscience & Behaviour.

Supervisor: Dr. Joe Kim

- Developed experiments to examine (1) how to design multimedia presentations according to principles of cognitive psychology so as to most effectively communicate ideas, and (2) the use of testing (retrieval practice) as a learning tool.

- Implemented and evaluated course interventions aimed at enhancing student study strategies.
- Obtained primary fellowship funding (\$80,000) and two research grants (total value: \$6,250).

Primary Course Instructor

Sep. 2011 - Dec. 2013

Conestoga College. Nursing.

Courses:

PSYC 1N03 – Introduction to Psychology, Neuroscience & Behaviour.

PSYC 1NN3 – Foundations of Psychology, Neuroscience & Behaviour.

Teaching Assistant

Sep. 2008 - Aug. 2011

McMaster University

Courses:

Research Design and Statistics I

Research Design and Statistics II

Cognitive Neuroscience Laboratory

Neuroscience Laboratory

Perception Laboratory

Professional Qualifications

Technical Skills

I have advanced abilities with the following applications for Windows and Macintosh operating systems.

Statistical and Database Applications: R, SPSS, SQL

MS Office Applications: Word, Excel, Powerpoint

Research Communication and Data Visualization

In my spare time I enjoy researching, analyzing, and occasionally writing about a variety of topics and creating data visualizations that synthesize complex data sets.

I have developed interactive data applications using Shiny (www.cteeter.ca/applications)

- [The Masters Golf Tournament](#)
- [Major League Baseball Team Synchrony](#)
- [MPHEC Interactive Graphs: Enrolment and Credentials Granted](#)
- [MPHEC Interactive Graphs: University Participation](#)

Examples of selected writing is found in my writing portfolio (www.cteeter.ca/writing_portfolio)

Selected non-academic writing that incorporate interesting data visualizations:

- [Comparing Canadian City Street Orientations](#) (June 17, 2020)
- [An extra-flighty ball lifted more batters](#) (November 29, 2019)
- [Win expectancy in games 1-8 of the World Chess Championship](#) (November 20, 2018)
- [The Red Sox and the instant replay challenge system](#) (March 8, 2017)

Research Funding

Forward with Integrity Grant (McMaster University). <i>Examining the Impact of Learning Portfolios in a Large Introductory Class.</i>	\$5,000	2013 - 2014
Arts Research Board (ARB) Grant (McMaster University). <i>Passive vs. Active Learning Environments.</i>	\$5,250	2012 - 2013
The Center for Leadership in Learning's Teaching and Learning Support Grant (McMaster University). <i>Evaluating the Effectiveness of Facilitated Learning Groups.</i>	\$1,000	2012

Scholarships and Awards

Council of Library and Information Resources Postdoctoral Research Fellowship.	\$80,000	2011 - 2013
Natural Sciences and Engineering Research Council of Canada (NSERC): PGS-D Award.	\$42,000	2009 - 2011
Ontario Graduate Scholarship (OGS) *	\$15,000	2009 - 2010
Council of Canadian Departments of Psychology (CCDP) Teaching Assistantship Award		2005

* Award was declined due to being awarded NSERC at the same time.

Publications

Articles Published in Refereed Journals

- Teeter, C.J.**, Fenton, N. E., Nicholson, K., Flynn, T., Kim, J., McKay, M., O'Shaughnessy, B., & Vajoczki, S. (2011). Using communities of practice to foster faculty development in higher education. *Collected Essays on Learning and Teaching*, 5, 52-57.
- Tangen, J., Constable, M., Durant, E., **Teeter, C.J.**, Beston, B., & Kim, J. (2011). The role of interest and images in slideware presentations. *Computers and Education*, 56 (3), 865-872.
- Qiang, L., Li, H., Campos, J.L., **Teeter, C.J.**, Tao, W.D., Zhang, Q., & Sun, H.J. (2010). Language suppression effects on the categorical perception of colour as evidenced through ERPs. *Biological Psychology*, 85 (1), 45-52.
- Tao, W.D., Liu, Q., Huang, X.T., Tao, X.L., Yan, J.J., **Teeter, C.J.**, Li, H. and Sun, H.J. (2009). Effect of degree and direction of rotation in egocentric mental rotation of hand: An event-related potential study. *NeuroReport*, 20, 180-185.

Conference Presentations

Presenting author(s) other than or in addition to myself are indicated with an asterisk.

Oral Presentations

- Teeter, C.J.** (October 2019). Is the proportion of first-generation Maritime university graduates decreasing? An exploration into the equitability of access to higher education in the Maritime provinces over the last twenty years. *Annual Conference of the Canadian Institutional Research and Planning Association*. Montreal, Quebec, Canada.
- Sana, F.*, **Teeter, C.J.**, & Kim, J. (October 2011). Use of exemplar-based interventions to promote structure-based learning. *International Society for Scholarship of Teaching and Learning*. Hamilton, Ontario, Canada.
- Sun, H.J.*, Wade, M.W., **Teeter, C.J.**, & Dzebic, V. (November 2010). Scene recognition following viewpoint shifts caused by observers' locomotion. *51st Annual Meeting of the Psychonomics Society*. St. Louis, Missouri, USA.
- Teeter, C.J.**, Latif, N. & Sun, H.J. (June 2010). The contribution of a head-based reference system for updating spatial relations. *The Canadian Society for Brain, Behaviour and Cognitive Science*. Halifax, Nova Scotia, Canada.
- Wade, M.W.*, **Teeter, C.J.**, & Sun, H.J. (June 2010). Observer locomotion facilitates scene recognition across a wide range of viewpoint shifts. *The Canadian Society for Brain, Behaviour and Cognitive Science*. Halifax, Nova Scotia, Canada.

- Fenton, N. E.* , Nicholson, K., Flynn, T., Kim, J.* , McKay, M., O'Shaughnessy, B., **Teeter, C. J.**, & Vajoczki, S.* (June, 2010). Using Communities of Practice to Foster Faculty Development in Higher Education. *30th Annual Conference of the Society for Teaching and Learning in Higher Education*. Toronto, Ontario, Canada.
- Durrant, E.* & **Teeter, C.J.** (May 2009). Evaluating the effect of contrasting visual presentation styles on student comprehension, confidence and interest. *Opportunities and New Directions: A Research Conference on Teaching and Learning*. Waterloo, Ontario, Canada.

Poster Presentations

- Teeter, C.J.**, Saull, E., & Kim, J. (May 2014). Encouraging students to engage in retrieval-enhanced learning: Implications for self-directed learning strategies. *26th Annual Association for Psychological Science Convention*. San Francisco, California, USA.
- Ndoja, S.* , **Teeter, C.J.**, & Kim, J. (March 2014). An examination of retrieval enhanced learning as a function of review strategy and note taking behaviour. *Current Research in Engineering, Science and Technology (CREST)*. Hamilton, Ontario, Canada.
- Saull, E.* , **Teeter, C.J.**, & Kim, J. (February 2014). Encouraging students to engage in retrieval-enhanced learning: Implications for self-directed learning strategies. *43rd Annual Lake Ontario Visionary Establishment Conference*. Niagara Falls, Ontario, Canada.
- Sun, H.J.* , Comishen, M., Zhou, D., Raddasao, K.M., Iarocci, M., & **Teeter, C.J.** (May 2014). Mechanisms for the reduced performance cost when a viewpoint change is caused by observer locomotion. *13th Annual Meeting of the Vision Sciences Society*. St. Pete Beach, Florida, USA.
- Sana, F.* , Allan, D., **Teeter, C.J.**, & Kim, J. (November 2013). Concept learning through similarities and differences: An individual differences approach. *54th Annual Meeting of the Psychonomics Society*. Toronto, Ontario, Canada.
- Sana, F.* , **Teeter, C.J.**, & Kim, J. (May 2013). Interleaved learning: Roles of temporal spacing and discrimination. *25th Annual Association for Psychological Science Convention*. Washington, District of Columbia, USA.
- Sana, F.* , **Teeter, C.J.**, & Kim, J. (November 2012). Escaping the dangers of errorful learning. *53rd Annual Meeting of the Psychonomics Society*. Minneapolis, Minnesota, USA.
- Teeter, C.J.**, Latif, N., & Sun, H.J. (November 2010). Differentiating body- and head-based reference systems in spatial updating. *51st Annual Meeting of the Psychonomics Society*. St. Louis, Missouri, USA.
- Durrant, E.* , **Teeter, C.J.**, Beston, B., Tangen, J., & Kim, J. (November 2009). Cognitive load influences multimedia presentations. *50th Annual Meeting of the Psychonomics Society*. Boston, Massachusetts, USA.
- Teeter, C.J.**, Durrant, E., Pachai, M., Beston, B., Tangen, J., & Kim, J. (December 2008). Effect of rapid stream visual presentation on perceived interest and comprehension. *Learning Technologies Conference*. Hamilton, Ontario, Canada.
- Teeter, C.J.**, Sergi, A.M., & Sun, H.J. (November 2008). Differentiating body orientation and the knowledge of body orientation in spatial updating. *49th Annual Meeting of the Psychonomics Society*. Chicago, Illinois, USA.
- Teeter, C.J.**, Sergi, A.M., & Sun, H.J. (June 2008) The effect of imagined movement and knowledge of body orientation on spatial updating. *The Canadian Society for Brain, Behaviour and Cognitive Science*. London, Ontario, Canada.
- Teeter, C.J.**, Wade, M.A., & Sun, H.J. (June 2008). Quantifying the role of spatial updating during viewpoint changes of a spatial scene. *The Canadian Society for Brain, Behaviour and Cognitive Science*. London, Ontario, Canada.
- Teeter, C.J.**, Gao, X., Zhu, Y., Vrkljan, B., Towns, A., Li, T., & Sun, H.J.* (July 2007). A psychophysical measurement of risk taking behaviour using a driving simulator. *12th International Conference on Human-Computer Interaction*. Beijing, P.R. China.

- Li., T., **Teeter, C.J.**, Towns, A., Chan, G. & Sun, H.J.* (July 2007). A test of useful field of view using a driving simulator. *12th International Conference on Human-Computer Interaction*. Beijing, P.R. China.
- Teeter, C.J.**, Walling, S. G. & Tomes, J. L. (November 2006). The effects of peripheral l-tyrosine on a non aversive, hippocampal-dependent memory task: Support for β -adrenergic receptor modulation of longterm spatial memory in the rat. *35th Annual Meeting of the Society for Neuroscience*. Washington, District of Columbia, USA.

Teaching

Course Instructor

Psychology 2013 – Introduction to Statistics	Jan. - Apr. 2015
St. Thomas University. Department of Psychology.	
<i>80 students</i>	
Psychology 1XX3 – Foundations of Psychology, Neuroscience & Behaviour	Jan. - Apr. 2014
McMaster University. Department of Psychology, Neuroscience & Behaviour.	
<i>1,700 students</i>	
Psychology 1N03 – Introduction to Psychology, Neuroscience & Behaviour	Sep. - Dec. 2011:2013
Conestoga College. Nursing.	
<i>150 students</i>	
Psychology 1NN3 – Foundations of Psychology, Neuroscience & Behaviour	Jan. - Apr. 2013; 2012
Conestoga College. Nursing.	
<i>150 students</i>	
Psychology 1XX3 – Foundations of Psychology, Neuroscience & Behaviour	Jul. - Aug. 2013
McMaster University. Department of Psychology, Neuroscience & Behaviour	
<i>150 students</i>	

Teaching Assistant

McMaster University

Psychology 2RB3 – Research Design and Statistics for Behavioural Sciences II	Jan. - Apr. 2009,2011, Jul. - Aug. 2010,2011
Psychology 2RB3 – Research Design and Statistics for Behavioural Sciences I	Sep. - Dec. 2008,2010, May - Jun. 2010,2011
Psychology 3MM3 – Cognitive Neuroscience Laboratory	Jan. - Apr. 2008
Psychology 3L03 – Neuroscience Laboratory	Jan. - Apr. 2007
Psychology 3EE3 – Perception Laboratory	Sep. - Dec. 2007
Psychology 3L03 – Neuroscience Laboratory	Sep. - Dec. 2006

Mount Allison University

Psychology 2011 – Research Design and Analysis II	Jan. - Apr. 2005,2006
Psychology 2001 – Research Design and Analysis I	Sep. - Dec. 2004,2005
Psychology 1011 – Introduction to Psychology II	Jan. - Apr. 2004
Psychology 1001 – Introduction to Psychology I	Sep. - Dec. 2003

Relevant Professional Experience

Reviewer. Collected Essays on Learning and Teaching (CELT). 2014

Professional and University Service

Coordinator. Pedagogy Community of Practice. *Center for Leadership in Learning. McMaster University.* Sep. - Apr. 2014

Department Representative. Teaching Assistant Network. *McMaster University.* Sep. 2009 - Sep. 2011

Selection Committee Member. President's Awards of Excellence. *McMaster University.* Mar. 2010, 2011

Graduate Student Representative, Faculty of Science. Graduate Curriculum, Policy, Admissions, and Study (GCPAS) Committee. *McMaster University.* Sep. 2010 - Jun. 2011

Graduate Student Representative, Faculty of Science. Graduate Council. *McMaster University.* Sep. 2010 - Jun. 2011

Volunteer. Local and National Brain Bee. *McMaster University.* 2009, 2010

Executive Committee Member. Graduate Students Association (GSA) Softball League. *McMaster University.* Mar. 2009 - Mar. 2011

Workshops Organized and Lead

Co-Facilitator. *Effective Study Strategies* (January 2015).

Workshop offered through the Writing Centre at St. Thomas University. Session was aimed at undergraduate students and focused on demonstrating how research from cognitive science has helped delineate a set of learning strategies that enhance long-term retention of information.

Co-Facilitator. *Instructional Skills Workshop* (ISW) (February and December 2012).

Workshop offered through the Center for Leadership in Learning at McMaster University. More information about this workshop can be found at:

<https://www.iswnetwork.ca/what-is-isw/>.

Co-Facilitator. *President's Awards for Teaching Excellence Retreat* (August 2012).

Daylong retreat offered through the Center for Leadership in Learning for all winners of the President's Award in Teaching Excellence at McMaster University. Retreat designed to provide teaching innovators at McMaster University a forum to discuss ways for improving the quality of post-secondary education.

Co-Organizer and Facilitator. *How to Get a Non-Academic Job* (February 2010).

Workshop was developed with guest speakers to provide graduate students with information for obtaining a job outside of academia. Primarily aimed at graduate students in the Department of Psychology, Neuroscience & Behaviour, but was advertised across the McMaster University campus.

Co-Organizer and Facilitator. *How to Get an Academic Job* (November 2010).

Workshop was developed with guest speakers to provide graduate students with information for obtaining an academic job (e.g. Postdoctoral Fellowship, Tenure Track, Teaching track). Primarily aimed at graduate students in the Department of Psychology, Neuroscience & Behaviour, but advertised across the McMaster University campus.

Co-Organizer and Presenter. *Tips, Tricks and Techniques for Graduate Student Teaching Assistants in the Department of Psychology, Neuroscience & Behaviour* (September 2010; 2011).

Workshop was developed with other senior graduate teaching assistants to provide incoming graduate students with information regarding expectations for their role as a teaching assistant within the department.

Professional Development Courses and Workshops Completed

The Fundamentals of OCAP – Ownership, Control, Access, Possession (September 2023)

Workshop completed through the First Nations Information Governance Centre (FNIGC) that explores First Nations self-determination, self-governance, and collective rights to data sovereignty through the framework of OCAP.

Facilitator Development Workshop (December 2011)

Nationally recognized certificate-based comprehensive facilitation development program completed through the Center for Leadership in Learning at McMaster University.

Instructional Skills Workshop (November 2011)

Nationally recognized certificate-based comprehensive instructor development program completed through the Center for Leadership in Learning at McMaster University.

Education 750: Principles and Practices of University Teaching (January – April 2011)

12 week credit-course completed beyond doctoral program requirements.

Professional Efficiencies (November 15th, 2010)

Workshop completed through the Center for Leadership in Learning at McMaster University.

Effective Lectures (November 1st, 2010)

Workshop completed through the Center for Leadership in Learning at McMaster University.

How Assessment Affects Student Learning (December 9th, 2008)

Workshop completed through the Center for Leadership in Learning at McMaster University

Actively Engaging Students (October 21st, 2008)

Workshop completed through the Center for Leadership in Learning at McMaster University

Research on Learning and its Implications for University Teaching (September 30th, 2008)

Workshop completed through the Center for Leadership in Learning at McMaster University

Academic Supervision

I have supervised undergraduate students at various levels while conducting research as a doctoral student, postdoctoral fellow, and sessional instructor.

Student	Level	Institution	Year
Amelia Secord	Research Assistantship	St. Thomas	2015
Olivia Merritt	Undergraduate Independent Project	McMaster	2014
Michelle Ogrodnik	Undergraduate Independent Project	McMaster	2014
Gloria Qui	Undergraduate Independent Project	McMaster	2014
Carly Watt	Undergraduate Independent Project	McMaster	2014
Teddy Saull	Undergraduate Honours Thesis	McMaster	2013 - 2014
Silvio Ndoja	Undergraduate Independent Project	McMaster	2012 - 2014
Amy Pachai	Undergraduate Honours Thesis	McMaster	2012 - 2013
Devina Mistry	Undergraduate Honours Thesis	McMaster	2012 - 2013
Teddy Saull	Undergraduate Independent Project	McMaster	2012 - 2013
Philip Omorogbe	Undergraduate Independent Project	McMaster	2012 - 2013
Shermeen Farooqi	Undergraduate Honours Thesis	McMaster	2010 - 2011
Jessie Heaman	Undergraduate Honours Thesis	McMaster	2010 - 2011
Muna Ali	Undergraduate Independent Project	McMaster	2010 - 2011
Melanie Iarocci	Undergraduate Independent Project	McMaster	2010 - 2011
Nida Latif	Undergraduate Honours Thesis	McMaster	2009 - 2010
Natalya Tuharyna	Undergraduate Honours Thesis	McMaster	2009 - 2010
Sam Stewart	Undergraduate Honours Thesis	McMaster	2008 - 2009
Andrea Sergi	Undergraduate Honours Thesis	McMaster	2007 - 2008
Mark Wade *	Undergraduate Honours Thesis	McMaster	2007 - 2008

* Won Best Undergraduate Thesis Award for Psychology, Neuroscience & Behaviour, McMaster University.