

KAREN L. CAMPBELL

Curriculum Vitae

Department of Psychology
Brock University
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ACADEMIC POSITIONS

- 2017-present Assistant Professor and Canada Research Chair in Cognitive Neuroscience of Aging, Department of Psychology, Brock University
- 2015-2016 Postdoctoral Fellow, Department of Psychology, Harvard University
Advisor: Prof. Daniel Schacter
- 2013-2015 Postdoctoral Associate, Department of Psychology, University of Cambridge
Advisors: Profs. Lorraine Tyler and Rik Henson

EDUCATION

- 2012 Ph.D. in Psychology, University of Toronto
Advisors: Profs. Lynn Hasher and Cheryl Grady
- 2007 M.A. in Psychology, University of Toronto
- 2004 B.Sc. in Psychology with High Distinction, University of Toronto

RESEARCH GRANTS

- 2020-2022 **Campbell, K. L.**, *The effect of age and episodic simulation on willingness to help during the COVID-19 pandemic*, Council for Research in the Social Sciences (CRISS) Seed Grant, Faculty of Social Sciences, Brock University (\$3000)
 - 2019-2024 **Campbell, K. L.**, *Aging and associative memory: Neural mechanisms and implications for everyday life*. Ontario Ministry of Research, Innovation and Science, Early Researcher Award (\$150,000)
 - 2019 **Campbell, K. L.**, *Eye movements and electrophysiological activity as markers of age-related cognitive change*. Canadian Foundation for Innovation, John R. Evans Leaders Fund (\$190,690)
 - 2017-2022 **Campbell, K. L.**, *Aging and the loss of control over memory*. Natural Sciences and Engineering Research Council (NSERC) Discovery Grant (\$150,000)
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- 2017-2022 **Campbell, K. L.**, *Aging and memory: The ubiquitous effects of reduced attentional control*. Natural Sciences and Engineering Research Council (NSERC) Tier 2 Canada Research Chair (\$500,000)
- 2017-2019 **Campbell, K. L.**, *Neural mechanisms of stereotype threat in aging: Why expecting to fail makes you fail*, Council for Research in the Social Sciences (CRISS) Seed Grant, Faculty of Social Sciences, Brock University (\$3000)
- 2017-2018 **Campbell, K. L.**, *Age differences in voluntary vs involuntary retrieval*, Toronto Neuroimaging Facility Stimulus Grant, Department of Psychology, University of Toronto (20 hours of free scanning, equivalent to \$9000)

SELECTED SCHOLARSHIPS AND AWARDS

- 2016 Canadian Institutes of Health Research Travel Award (\$1000)
- 2016 Postdoctoral Award for Professional Development, Harvard University (\$750)
- 2015-2017 Canadian Institutes of Health Research Postdoc Fellowship (\$100,000, declined)
- 2014 Charles Slater Travel Award, University of Cambridge (£500)
- 2011-2012 Ontario Graduate Scholarship (\$15,000)
- 2011-2012 Doctoral Completion Award (\$18,000, declined)
- 2011 Canadian Institutes of Health Research Age + Prize (\$1000), for my paper "Hyper-binding: A unique age effect" in *Psychological Science*.
- 2011 J. Davidson Ketchum Graduate Scholarship in Psychology (\$5000)
- 2008-2010 Natural Sciences and Engineering Research Council Post-Graduate Scholarship (\$42,000)
- 2009 APA Convention Poster Award, 1st place in Experimental Psychology
- 2004 Treble Gold Medal for highest graduating GPA in Life Sciences, Victoria College, University of Toronto

PUBLICATIONS

Peer-Reviewed Journal Articles

* Denotes a graduate student collaborator

** Denotes an undergraduate student collaborator

O'Connor, A. M.*, **Campbell, K. L.**, & Mahy, C. E. V. (2020). Younger and older adults' prospective memory: The role of delay task difficulty. *Aging, Neuropsychology, and Cognition*, DOI: 10.1080/13825585.2020.1724866.

Strömmer, J. M.*, Davis, S. W., Henson, R. N., Tyler, L. K., Cam-CAN, & **Campbell, K. L.** (2020). Physical activity predicts population-level age-related differences in frontal white matter. *Journals of Gerontology: Biological Sciences*, 75, 236-243.

Geerligns, L., Cam-CAN, & **Campbell, K. L.** (2018). Age-related differences in information processing during movie watching. *Neurobiology of Aging*, *72*, 106-120.

Campbell, K. L., & Tyler, L. K. (2018). Language-related domain-specific and domain-general systems in the human brain. *Current Opinion in Behavioral Sciences*, *21*, 132-137.

Campbell, K. L., Madore, K. P., Benoit, R. G., Thakral, P. P., & Schacter, D. L. (2018). Increased hippocampus to ventromedial prefrontal connectivity during the construction of episodic future events. *Hippocampus*, *28*, 76-80.

Campbell, K. L., & Hasher, L. (2018). Hyper-binding only apparent under fully implicit test conditions. *Psychology and Aging*, *33*, 176-181.

Price, D., Tyler, L. K., Neto Henriques, R., **Campbell, K. L.**, Williams, N. Treder, M., CamCAN, & Henson, R. N. (2017). Age-related delay in visual and auditory evoked responses is mediated by white and gray matter differences. *Nature Communications*, *8*: 15671.

Campbell, K. L., Benoit, R. G., & Schacter, D. L. (2017). Priming, not inhibition, of related concepts during future imagining. *Memory*, *25*, 1235-1245.

Samu, D., **Campbell, K. L.**, Tsvetanov, K. A., Shafto, M. A., Cam-CAN, & Tyler, L. K. (2017). Preserved cognitive functions with age are determined by domain-dependent shifts in network responsivity. *Nature Communications*, *8*: 14743.

Campbell, K. L., & Schacter, D. L. (2017). Aging and the resting state: Cognition is not obsolete. *Language, Cognition, and Neuroscience*, *32*, 692-694.

Campbell, K. L., & Schacter, D. L. (2017). Aging and the resting state: Is cognition obsolete? *Language, Cognition, and Neuroscience*, *32*, 661-668.

*This was a special target article to which several leaders in the field replied.

Amer, T., **Campbell, K. L.**, & Hasher, L. (2016). Cognitive control as a double-edged sword. *Trends in Cognitive Sciences*, *20*, 905-915.

Anderson, J. A. E., Sarraf, S., Amer, T., Bellana, B., Man, V., **Campbell, K. L.**, Hasher, L., & Grady, C. L. (2016). Task-linked diurnal brain network reorganization in older adults: A graph theoretical approach. *Journal of Cognitive Neuroscience*, *29*, 560-572.

Henson, R. N., **Campbell, K. L.**, Davis, S. W., Taylor, J. R., Emery, T., Erzinclioglu, S., Cam-CAN, & Kievit, R. A. (2016). Multiple determinants of lifespan memory differences. *Scientific Reports*, *6*, 1-14.
doi:10.1038/srep32527

Amer, T., Anderson, J. A. E., **Campbell, K. L.**, Hasher, L., & Grady, C. L. (2016). Age differences in the neural correlates of distraction regulation: A network interaction approach. *NeuroImage*, *139*, 231-239.

Campbell, K. L., Samu, D., Davis, S. W., Geerligns, L., Mustafa, A., Cam-CAN, & Tyler, L. K. (2016). Robust resilience of the frontotemporal syntax system to aging. *Journal of Neuroscience*, *36*, 5214-5227.

Grady, C. L., Saman, S., Saverino, C., & **Campbell, K. L.** (2016). Age differences in the functional interactions among the default, frontoparietal control, and dorsal attention networks. *Neurobiology of Aging, 41*, 159-172.

Campbell, K. L., Shafto, M. A., Wright, P., Tsvetanov, K. A., Geerligs, L., Cusack, R., Cam-CAN, & Tyler, L. K. (2015). Idiosyncratic responding during movie-watching predicted by age differences in attentional control. *Neurobiology of Aging, 36*, 3045-3055.

Anderson, J. A. E., **Campbell, K. L.**, Amer, T., Grady, C. L., & Hasher, L. (2014). Timing is everything: Age differences in the cognitive control network are modulated by time of day. *Psychology and Aging, 29*, 648-57.

Campbell, K. L., Trelle, A.**, & Hasher, L. (2014). Age differences in hyper-binding across time. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 40*, 293-299.

Campbell, K. L., Grigg, O., Saverino, C., Churchill, N., & Grady, C. L. (2013). Age differences in the intrinsic functional connectivity of default network subsystems. *Frontiers in Aging Neuroscience, 5*:73. doi: 10.3389/fnagi.2013.00073

Healey, M. K., Hasher, L., & **Campbell, K. L.** (2013). The role of suppression in resolving interference: Evidence for an age-related deficit. *Psychology and Aging, 28*, 721-728.

Biss, R. K., Ngo, K. W. J., Hasher, L., **Campbell, K. L.**, & Rowe, G. (2013). Distraction can reduce age-related forgetting. *Psychological Science, 24*, 448-455.

Farb, N. A. S., Grady, C. L., Strother, S., Tang-Wai, D., Masellis, M., Black, S., Freedman, M., Pollock, B.G., **Campbell, K. L.**, Hasher, L., & Chow, T. (2013). Abnormal network connectivity in frontotemporal dementia: Evidence of prefrontal isolation. *Cortex, 49*, 1856-73.

Campbell, K. L., Grady, C. L., Ng, C., & Hasher, L. (2012). Age differences in the frontoparietal cognitive control network: Implications for distractibility. *Neuropsychologia, 50*, 2212-2223.

Biss, R. K., **Campbell, K. L.**, & Hasher, L. (2012). Interference from previous distraction disrupts older adults' memory. *Journals of Gerontology Series B: Psychological Sciences and Social Sciences, 68*, 558-561.

Campbell, K. L., Zimmerman, S., Healey, M. K., Lee, M. S.**, & Hasher, L. (2012). Age differences in visual statistical learning. *Psychology and Aging, 27*, 650-656.

Healey, M. K., **Campbell, K. L.**, Hasher, L., & Osher, L. (2010). Direct evidence for the role of inhibition in resolving interference. *Psychological Science, 21*, 1464-1470.

Campbell, K. L., Hasher, L., & Thomas, R. C. (2010). Hyper-binding: A unique age effect. *Psychological Science, 21*, 399-405. *This paper won the Canadian Institutes of Health Research Age + Prize.

Campbell, K. L., Al-Aidroos, N., Fatt***, R., Pratt, J., & Hasher, L. (2009). The effects of multisensory targets on saccadic trajectory deviations: Eliminating age differences. *Experimental Brain Research*, *201*, 385-392.

Campbell, K. L., & Ryan, J. D. (2009). The effects of practice and external support on older adults' control of reflexive eye movements. *Aging, Neuropsychology, and Cognition*, *16*, 745-763.

Campbell, K. L., Al-Aidroos, N., Pratt, J., & Hasher, L. (2009). Repelling the young and attracting the old: Examining age-related differences in saccade trajectory deviations. *Psychology and Aging*, *24*, 163-168.

Book Chapters

Hasher, L., & **Campbell, K. L.** (in press). Inhibitory theory: Assumptions, findings, and relevance to interventions. In Thomas, A.K. & Gutchess A. (Eds.). *The Cambridge Handbook of Cognitive Aging: A Lifecourse Perspective*. Cambridge University Press, Cambridge, United Kingdom.

Healey, M. K., **Campbell, K. L.**, & Hasher, L. (2008). Cognitive aging and increased distractibility: Costs and potential benefits. In W. S. Sossin, J.-C. Lacaille, V. F. Castellucci, & S. Belleville (Eds.). *Progress in Brain Research*, Vol. 169. Elsevier, Amsterdam, pp. 353-363.

Submitted Manuscripts and Preprints

Henderson, S. E.*, Callegari, J. M.***, Desjardins, J. A., Hall, S. A., Segalowitz, S. J., & **Campbell, K. L.** (submitted). Alpha suppression as a neural marker of task demands in voluntary vs involuntary retrieval in older and younger adults. *Neuropsychologia*.

O'Connor, A. M.*, Davis, E. E.*, Mahy, C. E. V., & **Campbell, K. L.** (submitted). The effects of aging and emotional distraction on the mere exposure effect. *Psychology and Aging*.

Davis, E. E.*, Foy, E. A.***, Giovanello, K. S., & **Campbell, K. L.** (submitted). Implicit associative memory remains intact with age and extends to target-distractor pairs. *Aging, Neuropsychology, & Cognition*.

Geerligs, L., van Gerven, M., **Campbell, K. L.**, & Güçlü, U. (2019). Timescales and functional organization of neural event segmentation in the human brain. <http://doi.org/10.5281/zenodo.3250663>

Ryan, A. D.*, & **Campbell, K. L.** (revision requested). Participating for pride versus credit: Age differences in motivation and the implications for neurocognitive aging. *Collabra: Psychology*.

INVITED RESEARCH TALKS

2019	Cognitive Neurosci Colloquium Series, Michigan State University, East Lansing, MI, USA
2018	Women in Neurosci, Brain and Mind Institute, Western University, London, Canada
2017	Neuroscience and Applied Cog Sci Speaker Series, University of Guelph , Guelph, Canada
2017	Brain, Perception, Action & Cog Group, Ryerson University, Toronto, Canada
2017	Ebbinghaus Empire, Dept of Psychology, University of Toronto , Toronto, Canada
2014	Department of Psychology, University of Warwick , Coventry, UK

2013 Oxford Centre for Human Brain Activity, University of **Oxford**, Oxford, UK
2013 Memory & Perception Group, Cognition & Brain Sciences Unit, **Cambridge**, UK
2012 Center for Cognitive Neuroscience, **Duke** University, Durham, NC, USA
2012 Ebbinghaus Empire, Dept of Psychology, University of **Toronto**, Toronto, Canada
2011 Memory & Perception Group, Cognition & Brain Sciences Unit, **Cambridge**, UK
2011 Brain, Perception, Action & Cog Group, **Ryerson** University, Toronto, Canada

SYMPOSIA ORGANIZED

Campbell, K. L. (2017, November). *Symposium (Festschrift) in Honour of Lynn Hasher*. University of Toronto, Toronto, Canada.

Campbell, K. L., & Tyler, L. K. (2017, April). *Old brains, new insights*. British Neuroscience Association 2017: Festival of Neuroscience, Birmingham, United Kingdom.

Campbell, K. L., (2015, April). *Insights on ageing and brain function from the Cam-CAN*. Third International Conference on Aging & Cognition, Dortmund, Germany.

CONFERENCE TALKS

Campbell, K. L. (2019, February). Something in the way we test: Neurocognitive aging and the pervasive influence of extraneous task demands. Invited Keynote talk presented at the 48th Annual Lake Ontario Visionary Establishment Conference, Niagara Falls, Canada.

Campbell, K. L., Cam-CAN, & Geerligs, L. (2018, March). I did it my way: Explaining age-related declines in inter-subject synchronization during naturalistic viewing. Data blitz talk presented at the 25th annual Cognitive Neuroscience Society Meeting, Boston, MA, USA.

Campbell, K. L. (2017, November). Priming, not inhibition, of competing representations during future imagining. Presented at the Symposium in Honour of Lynn Hasher, Toronto, Canada.

Campbell, K. L., Samu, D., & Tyler, L. K. (2017, August). Context-dependent shifts in network functionality with age. Invited talk at the 13th International Conference for Cognitive Neuroscience, Amsterdam, Netherlands.

Campbell, K. L., Cam-CAN, & Tyler, L. K. (2017, April). Finding the ageing brain's natural capacity. Presented at British Neuroscience Association 2017: Festival of Neuroscience, Birmingham, United Kingdom.

Campbell, K. L., & Hasher, L. (2016, August). Age-related hyper-binding: Both a help and a hindrance? Invited talk at the 6th International Conference on Memory, Budapest, Hungary.

Campbell, K. L., Hasher, L., Davis, S. W., Geerligs, L., Samu, D., Cam-CAN, & Tyler, L. K. (2016, May). The pervasive effects of reduced attentional control with age. Invited talk at Association for Psychological Science 28th Annual Convention, Chicago, IL, USA.

Campbell, K. L., Shafto, M., Wright, P., Tsvetanov, K., Cusack, R., Cam-CAN, Tyler, L. K. (2015, April). Beyond the resting state: Age differences in neural networks identified during naturalistic viewing. Presented at the 3rd International Conference on Aging & Cognition, Dortmund, Germany.

Campbell, K. L., Cam-CAN, & Tyler, L. K. (2015, March). Preserved syntactic processing across the lifespan. Data blitz talk presented at the 22nd annual Cognitive Neuroscience Society Meeting, San Francisco, CA, USA.

Price, D., Henson, R., Clarke, A., Treder, M. S., **Campbell, K. L.**, Cam-CAN, & Tyler, L. K. (2015, January). Neural delay and cognitive performance over the adult lifespan. Presented at the 9th Annual MEG UK Meeting, Birmingham, UK.

Campbell, K. L. (2014, May). The hyper-binding hypothesis: Age differences in attentional control and the implications for associative memory. Presented at the Cambridge Memory Meeting, Cambridge, UK.

Thomas, R. C., **Campbell, K. L.**, & Hasher, L. (2008, November). Implicit benefits of susceptibility to distraction. Presented at the 49th annual meeting of The Psychonomic Society, Chicago, IL, USA.

SELECTED CONFERENCE POSTERS

Henderson, S. E., Lockhart, H. A., Davis, E. E., Emrich, S. M., & **Campbell, K. L.** (2020, February). Reduced attentional control in older adults leads to deficits in flexible prioritization of visual working memory. Poster presented at the 49th Annual Lake Ontario Visionary Establishment Conference, Niagara Falls, Canada.

Ryan, A. D., & **Campbell, K. L.** (2019, November). Stereotype-treat and memory in older adults: A negative association between cortisol and explicit memory. Poster presented at Psychonomics, Montreal, Quebec, Canada.

Davis, E. E., Chemnitz, E., Collins, T., & **Campbell, K.L.** (2019, November). No age differences in intersubject eye movement synchrony during naturalistic viewing: Implications for memory. Poster presented at Psychonomics, Montreal, Quebec, Canada.

Henderson, S. E., Callegari, J., Desjardins, J. A., Segalowitz, S. J., **Campbell, K. L.** (2019, March). Age differences in the neural underpinnings of voluntary vs involuntary memory retrieval. Poster presented at the 26th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA, USA.

Davis, E., Foy, E., & **Campbell, K. L.** (2019, February). Reduced attentional control affects older adults' performance on implicit associations task. Poster presented at the 48th Annual Lake Ontario Visionary Establishment Conference, Niagara Falls, Canada.

Geerligs, L., Cam-CAN, & **Campbell, K. L.**, (2018, March). I did it my way: Explaining age-related declines in inter-subject synchronization during naturalistic viewing. Poster presented at the 25th annual Cognitive Neuroscience Society Meeting, Boston, MA, USA.

Campbell, K. L., Madore, K. P., Benoit, R. G., Thakral, P. P., & Schacter, D. L. (2017, August). Increased hippocampus to ventromedial prefrontal connectivity during episodic future simulation. Poster session at the 13th International Conference for Cognitive Neuroscience, Amsterdam, Netherlands.

Campbell, K. L., Benoit, R. G., Schacter, D. L. (2016, August). Priming of related concepts during future imagining. Poster session to be presented at the 6th International Conference on Memory, Budapest, Hungary.

Strömmer, J. M., **Campbell, K. L.**, Tyler, L. K., Cam-CAN, & Davis, S. W. (2016, July). Physical activity mitigates age-related frontal white matter loss. Poster session presented at the Federation of European Neuroscience Societies Forum, Copenhagen, Denmark.

Campbell, K. L., Cam-CAN, & Tyler, L. K. (2014, August). Preserved language comprehension with age and its relationship to cognitive control. Poster session presented at the 6th Annual Meeting of the Society for the Neurobiology of Language, Amsterdam, Netherlands.

Campbell, K. L., Shafto, M. A., Wright, P., Tsvetanov, K. A., Cusack, R., Cam-CAN, & Tyler, L. K. (2014, June). Beyond the resting state: Age differences in neural networks identified during naturalistic viewing. Poster session presented at the Annual Scientific Meeting of the Organization for Human Brain Mapping, Hamburg, Germany.

Anderson, J. A. E., **Campbell, K. L.**, Hasher, L., & Grady, C. L. (2013, June). Time of day affects functional connectivity in the elderly. Poster session presented at the 19th Annual Meeting of the Organization for Human Brain Mapping, Seattle, WA, USA.

Campbell, K. L., & Hasher, L. (2012, April). The role of inhibition in constraining memory binding over time: Age differences in cross-pair associations. Poster session presented at the biannual Cognitive Aging Conference, Atlanta, GA, USA.

Campbell, K. L., Grigg, O., & Grady, C. L. (2012, April). Fractionating the default mode in younger and older adults. Poster session presented at the 19th annual Cognitive Neuroscience Society Meeting, Chicago, IL, USA.

Campbell, K. L., Zimmerman, S., Lee, M. S., & Hasher, L. (2010, November). Age-related advantage in visual statistical learning. Poster session presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO, USA.

Campbell, K. L., Grady, C. L., & Hasher, L. (2010, April). Age differences in the recruitment of widespread neural networks: Implications for distractibility. Poster session presented at the 17th annual Cognitive Neuroscience Society Meeting, Montreal, QC, Canada.

Healey, M.K., **Campbell, K. L.**, Hasher, L., & Osher, L. (2009, August). Direct evidence for the role of inhibition in resolving interference. Poster session presented at the 117th annual American Psychological Association Convention, Toronto, ON, Canada.

Fatt, R., **Campbell, K. L.**, Al-Aidroos, N., & Hasher, L. (2009, August). Multisensory interactions in

saccade curvature: Effects of bimodal targets. Poster session presented at the 117th annual American Psychological Association Convention, Toronto, ON, Canada.

Campbell, K. L., & Hasher, L. (2009, March). Cross-trial associations: Implications for age differences in paired associate learning. Poster session presented at the annual Rotman Research Institute Conference, Toronto, ON, Canada.

Campbell, K. L., Thomas, R. C., & Hasher, L. (2008, April). Aging and association formation: Binding too much rather than too little? Poster session presented at the biannual Cognitive Aging Conference, Atlanta, GA, USA.

Campbell, K. L., & Ryan, J. D. (2008, April). Exercise a little restraint: Improving older adults' control of reflexive eye movements. Poster session presented at the biannual Cognitive Aging Conference, Atlanta, GA, USA.

TEACHING

Training

2019	Experiential Education 2-Day Institute, Brock University
2017	Instructional Skills Workshop, Brock University
2011	Teaching Fundamentals Certificate, Centre for Teaching Support & Innovation, University of Toronto (completed six 2-hour teaching workshops)
2008	Teaching Practicum, Department of Psychology, University of Toronto

Experience

2020	Course Instructor, Developmental Neuroscience (PSYC 7V09)
2019	Course Instructor, Directed Research Techniques (PSYC 7P12 Neuroimaging Research Techniques – fMRI Research Methods and Statistical Parametric Mapping)
2018-	Course Instructor, Psychology of Aging (PSYC 3P19)
2017	Course Instructor, Behavioural and Cognitive Neuroscience Focus Area Research Seminar (graduate level)
2014	Co-organizer, Neuroscience Workshop
2012	Course Instructor, Human Memory
2011	Course Instructor, Cognitive Neuroscience
2009-2011	Guest Lecturer, Introduction to Cognition and Memory Seminar
2005-2011	Teaching assistant, multiple courses

Student Supervision

Graduate Students

2018-	Tiago Guardia de Souza e Silva, PhD student, Brock University
2018-	Emily Davis, MA student, Brock University
2018-	Sarah Henderson, MA student, Brock University
2017-	Dawn Ryan, MA student, Brock University
2014-2015	Juho Strömmer, PhD student, Cambridge University, <i>co-supervised with Lorraine Tyler</i>

Graduate Committee Member

2019-	Samantha Moeller, MA student, Brock University
2019-	Alison O'Connor, PhD student, Brock University
2019-	Brent Pitchford, PhD student, Brock University
2019-	Andrew Chung, PhD student, Brock University
2017-	Christine Salahub, PhD student, Brock University
2017-	Holly Lockhart, PhD student, Brock University
2017-2020	Reuben Howlett, MA student, Brock University

Comprehensive Exam Committee Member

2019	Holly Lockhart, PhD student, Brock University
2019	Brent Pitchford, PhD student, Brock University
2018	Christine Salahub, PhD student, Brock University
2018	Claire Matthews, PhD student, Brock University
2018	Caitlyn Gallant, PhD student, Brock University

External Examiner

2018	Dorothee Schoemaker, McGill University
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Honours Thesis Students

2017-2018	Sarah Henderson, Psychology, Brock University
2017-2018	Emily Chemnitz, Neuroscience, Brock University
2017-2018	Ethan Foy, Neuroscience, Brock University
2011-2012	Ali Trelle, University of Toronto (paper in <i>JEP:LMC</i>), co-supervised with Lynn Hasher
2008-2009	Lynn Ossher, University of Toronto (paper in <i>Psychological Science</i>), co-supervised with Lynn Hasher

Honours Thesis Committee Member

2018	Janahan Selvanayagam, Neuroscience, Brock University
2018	Aaron Zwiep, Neuroscience, Brock University

NSERC Undergraduate Student Research Award

2018	Emily Chemnitz, Brock University
2017	Sarah Henderson, Brock University

Match of Minds Summer Student Research Assistant

2018	Sarah Henderson, Brock University
2017	Emily Davis, Brock University

Independent Research Project Students

2016	Jenny Sun, Harvard University
2016	Shirley Lin, Harvard University
2015	Chloe Withers, Cambridge University
2014	Jennifer Champion, Cambridge University
2012	Wei Lin, University of Toronto
2010	Michelle Lee, University of Toronto (paper in <i>Psychology & Aging</i>)
2008	Robb Fatt, University of Toronto (paper in <i>Experimental Brain Research</i>)

2007 Ahn Nguyen, University of Toronto

PROFESSIONAL AND DEPARTMENTAL SERVICE

Professional Membership

2019- Elected member of the Memory Disorders Research Society
 2018- Fellow of the Psychonomic Society
 2012- Member of the Cognitive Neuroscience Society

Editorial Activities

2020- Consulting Editor, *Psychology and Aging*
 2019-2020 Guest Editor, Special issue on Aging and Inhibition, *Psychology and Aging*

Ad Hoc Reviewer

Aging, Neuropsychology, and Cognition * Behavioural Brain Research * Brain Research * Cognition * Cognition & Emotion * Developmental Psychology * Experimental Brain Research * Human Brain Mapping * Journal of Experimental Psychology: General * Journal of Experimental Psychology: Human Perception and Performance * Journal of Geriatric Psychiatry and Neurology * Journal of Gerontology: Psychological Sciences * Journal of Neuroscience * Language, Cognition, & Neuroscience * Memory * Nature Human Behaviour * Neurobiology of Aging * Neurobiology of Language * Psychological Bulletin * Psychological Science * Psychology and Aging * Science * Science Advances * Trends in Neurosciences

Grant Reviews

2019- NSERC Discovery Grant Program, External reviewer
 2019-2020 Swiss National Science Foundation, External reviewer
 2018 McGill Healthy Brains for Healthy Lives Innovative Ideas Program, External reviewer
 2011-2012 Rotman Research Institute, Internal reviewer of CIHR grant applications

Departmental Service

2020 Hiring Committee Member for Tenure-track position in Biological Psychology, Department of Psychology, Brock University
 2019 Hiring Committee Member for Canada Research Chair in Biological Psychology, Department of Psychology, Brock University
 2017-present Departmental Colloquium organizer, Department of Psychology, Brock University
 2010-2012 Assistant organizer for Ebbinghaus Empire (cognitive group's weekly brown bag talks) Department of Psychology, University of Toronto
 2006-2008 Social Coordinator, Psychology Graduate Students' Association, Department of Psychology, University of Toronto

Public Outreach

2019 Community talk for Brock University Retirees' Association, "Healthy Cognitive Aging: What You Should (and Shouldn't) Be Doing"
 2018 Webinar lecture for Distress and Crisis Ontario's Learning Forum on Aging and the Elderly, "Cognitive and Emotional Aging"
 2018 Community talk for Niagara Falls University Women's Club, "Healthy Cognitive Aging: What You Should (and Shouldn't) Be Doing"

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- 2017 Podcast, Turtles All the Way Down with Jake Koseleci
(<http://turtlesalltheway.libsyn.com/podcast>)
 - 2017 Community Talk for Centre for Lifespan Development Research, Brock University, "Aging Well: Studying Healthy Cognitive Aging in Niagara"
 - 2015 Community Talk for Cambridge Science Festival, University of Cambridge, "Ageing Artists & Creativity"

MEDIA EXPOSURE

- Sept. 8, 2017 "Brock researchers receive \$3.8M", St Catharines Standard,
<http://www.stcatharinesstandard.ca/2017/09/08/brock-researchers-receive-38m>
 - May 3, 2017 "Niagara aging population booming", St Catharines Standard
<http://www.stcatharinesstandard.ca/2017/05/03/niagara-aging-population-booming>
 - Dec. 2, 2016 "Brock University gains two new Canada Research Chairs in workplace injury, aging", The Brock News, <https://brocku.ca/brock-news/2016/12/brock-university-gains-two-new-canada-research-chairs-in-workplace-injury-aging/>
 - July 16, 2016 "The brain's blueprint for aging is set early in life", Science News,
<https://www.sciencenews.org/article/brain-blueprint-aging-set-early-life>
 - May 12, 2016 "Older Adults Struggle More With Test Conditions Than Language Processing", Neuroscience News, http://neurosciencenews.com/aging-language-processing-testing-4225/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+neuroscience-rss-feeds-neuroscience-news+%28Neuroscience+News+Updates%29
 - Oct. 29, 2015 "Scary Science: A Geek's Guide to Halloween", BuzzFeed,
https://www.buzzfeed.com/arranafrood/scary-science-a-geekas-guide-to-halloween-1mmog?utm_term=.seKPMEEg1#.wd30bZZ4o
 - Aug. 15, 2015 "Individual thinking comes with age", The Times,
<https://www.thetimes.co.uk/article/individual-thinking-comes-with-age-db2j2673j22>
 - Aug. 14, 2015 "Young minds think alike; older people are more distractible", Science Daily,
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