

# Elizabeth DuPre

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## CONTACT

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## EDUCATION

**McGill University, Montréal, QC, CAN**

Ph.D., Neuroscience

**2017–**

**Cornell University, Ithaca, NY, USA**

M.A., Developmental Psychology

**2014–2017**

Thesis: *Structural covariance networks across the lifespan*  
Supervisor: *Dr. R. Nathan Spreng*

B.Sc. (Honors), Human Development

**2010–2014**

## PUBLICATIONS

**DuPre, E.**, Spreng, R.N. (in press). [Structural covariance networks across the lifespan, from 6-94 years of age](#). *Network Neuroscience*.

Spreng, R.N., Lockrow, A.W., **DuPre, E.**, Setton, R., Spreng, K.A.P., Turner, G.R. (in press). [Semanticized autobiographical memory and the default–executive coupling hypothesis of aging](#). *Neuropsychologia*.

**DuPre, E.**, Spreng, R.N. (in press). [Spontaneous thought gets stuck with rumination](#). In Fox, K. C. R. and Christoff, K., eds. *The Oxford Handbook of Spontaneous Thought: Mind-wandering, Creativity, Dreaming, and Clinical Conditions*. New York: Oxford University Press.

Spreng, R.N., Cassidy, B.N., Darboh, B., **DuPre, E.**, Lockrow, A., Setton, R., Turner, G.R. (2017). [Financial exploitation is associated with structural and functional brain differences in healthy older adults](#). *The Journals of Gerontology, Series A: Biological Sciences and Medical Sciences*. Advance online publication.

**DuPre, E.**, Luh, W.-M., Spreng, R.N. (2016). [Multi-echo fMRI replication sample of autobiographical memory, prospection, and theory of mind reasoning tasks](#). *Scientific Data*, 3, 160116.

Spreng, R.N., **DuPre, E.**, Selarka, D., Garcia, J., Gojkovic, S., Mildner, J., Luh, W.-M., Turner, G.R. (2014). [Goal-congruent default network activity facilitates cognitive control](#). *Journal of Neuroscience*, 34, 14108-14114.

HONORS & AWARDS	Healthy Brains for Healthy Lives Doctoral Fellowship	\$15,000 (CAD)	Sept 2017
	Organization for Human Brain Mapping Hackathon Travel Award	\$500 (USD)	June 2017
	Integrated Program in Neuroscience Recruitment Award	\$8,000 (CAD)	Mar 2017
	Human Development Departmental Summer Funding	\$4,000 (USD)	May 2015
CONFERENCES	Markello, R.D., De Rosa, E., <b>DuPre, E.M.</b> , Luh, W.M., Spreng, R.N., Anderson, A.K. (June, 2017). Autonomic influences on resting-state activity mediated by the basal forebrain. Organization for Human Brain Mapping Annual Meeting, Vancouver, BC, CAN.		
	<b>DuPre, E.</b> , Lockrow, A.W., Luh, W.-M., Spreng, R.N. (April, 2016). Age-related changes in the neural correlates of remembering, imagining, and mentalizing. Cognitive Neuroscience Society Annual Meeting, New York City, NY, USA.		
	<b>DuPre, E.</b> , Spreng, R.N. (October, 2015). Relationship between large-scale cortical networks estimated by structural covariance and resting-state functional connectivity MRI. Society for Neuroscience Annual Meeting, Chicago, IL, USA.		
	Chong, M., Joshi, A., Haldar, J., <b>DuPre, E.</b> , Luh, W.-M., Shattuck, D., Spreng, R.N., Leahy, R. (June, 2015). A group approach to functional cortical parcellation from resting-state fMRI. Organization for Human Brain Mapping Annual Meeting, Honolulu, HI, USA.		
	<b>DuPre, E.</b> , Marusak, H., Gotlib, I., Thomason, M., Spreng, R.N. (April, 2014). Childhood developmental trajectory of the default network's functional connectivity. Cognitive Neuroscience Society Annual Meeting, Boston, MA, USA.		
	Spreng, R.N., <b>DuPre, E.</b> , Selarka, D., Garcia, J., Gojkovic, S., Mildner, J., Kurkela, K., Turner, G.R. (April, 2014). Contextually relevant default network activity facilitates working memory performance. Cognitive Neuroscience Society Annual Meeting, Boston, MA, USA.		
INVITED TALKS	<b>Human Development Brown Bag</b>		Feb 2017
	<i>Neural Correlates of Remembering, Imagining, &amp; Mentalizing: An Open Replication</i>		
	<b>Aging, Inflammation, Metabolism and Stress Meeting</b>		Jan 2016
	<i>Large Scale Cortical Networks Across the Lifespan Estimated by Structural Covariance</i>		

TEACHING	<b>Department of Human Development, Cornell University</b>	
	Instructor, <a href="#">Introduction to fMRI Analysis Workshop</a> <ul style="list-style-type: none"> <li>Designed materials, created website, and led demonstrations for two day workshop</li> </ul>	<b>Mar 2017</b>
	Graduate Teaching Assistant, Social & Affective Neuroscience <ul style="list-style-type: none"> <li>Held office hours, helped to create and grade assignments</li> </ul>	<b>Spring 2017</b>
	Course Grader, Quantitative Methods I & II	<b>2015–2016</b>
TRAINING	<b>Methods in Neuroscience at Dartmouth Summer School</b> <i>Dartmouth College</i>	<b>Aug 2017</b>
	<b>Neurohackweek</b> <i>University of Washington eScience Institute</i>	<b>Sept 2016</b>
	<b>Advanced Neuroimaging Summer Program</b> <i>University of California–Los Angeles Semel Institute</i>	<b>July 2016</b>
	<b>ComSciCon–Cornell</b> <i>Cornell University</i>	<b>May 2015</b>
	<b>AFNI Bootcamp</b> <i>National Institutes of Health</i>	<b>Sept 2014</b>
PROFESSIONAL SERVICE	<a href="#">Cornell #mozStudy Group</a> Lead	<b>Spring 2017</b>
	<a href="#">Graduate Student School Outreach Program</a> Instructor	<b>Spring 2016</b>
	<a href="#">Splash! at Cornell</a> Instructor	<b>2015</b>
	<a href="#">Human Development</a> Graduate Studies Committee	<b>2014–2016</b>
MEMBERSHIPS	Cognitive Neuroscience Society	
	Organization for Human Brain Mapping	
	Society for Neuroscience	