

# Nicole A. Sugden, PhD

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## Education & Training

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**Postdoctoral researcher** (current) supervised by Dr. Janet Werker, Infant Studies Centre, University of British Columbia, Canada

*Illuminating early socio-communicative development: NIRS investigations into the neural underpinnings of infants' face and speech perception*

**PhD Psychology** (2016) Supervised by Dr. M. Moulson; Ryerson University, Canada

*Learning from experience: Exposure to, attention to, discrimination of, and brain response to faces at 3, 6, and 9 months*

**MA Psychology** (2012) Supervised by Dr. M. Moulson; Ryerson University, Canada

*Here's looking at you: Quantifying quotidian exposure to faces in 1- and 3-month-old infants*

**BA Specialization Psychology, Mineure en Langue Française** (2006) Concordia University, Canada

## Awards & Grants

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2017-2018 PetSmart Charities Canada Thought Innovator Award (\$40,000)

2016-2017 Ryerson Psychology Graduate Students Association Research Symposium Award (First place, \$75)

2015-2016 Ontario Graduate Scholarship (\$15,000)

Dennis Mock Leadership Award

Ryerson University Graduate Completion Award (\$10,000)

Ryerson International Research Support Fund International Travel Award (\$1,000)

Ryerson Psychology Graduate Students Association Research Symposium Award (Second place, \$50)

2014-2015 Ontario Graduate Scholarship (\$15,000)

International Visiting Scholar Research Funding, Dr. L. Smith, Indiana University (\$10,000)

Ryerson International Work Experience Travel Award (\$1,000)

2013-2014 Ontario Graduate Scholarship (\$15,000)

Ryerson Learning and Teaching Office Teaching Assistant Award (\$500)

Ryerson International Research Support Fund International Travel Award (\$1,000)

2012-2013 Ryerson Psychology Graduate Students Association Research Symposium Award (\$75)

Ryerson International Research Support Fund International Travel Award (\$1,000)

Council of Canadian Departments of Psychology (CCDP) Award of Excellence

## Publications and Presentations (\*co-supervised undergraduate students)

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### Peer reviewed publications

**Sugden, N. A.** & Moulson, M. C. (Accepted). Caregivers are predictably primary: Dimensions by which parents are distinctive in infants' visual input and what this implies for early learning. *Vision Research*. Manuscript ID: VR-17-297

**Sugden, N. A.** & Moulson, M. C. (Accepted). Head-mounted first-person-perspective video data of 3-month-olds' natural, daily experience. *Data in Brief*. Manuscript ID: DIB-D-18-02646

**Sugden, N. A.** & Marquis, A. R. (2017). A meta-analytic review of own- and other-race face discrimination in infancy. *Psychological Bulletin*. 143(11), 1201-1244. doi: 10.1037/bul0000116

**Sugden, N. A.** & Moulson, M. C. (2016). Hey baby, what's 'up'? One- and 3-month-olds experience

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faces primarily upright but non-upright faces offer the best views. *Quarterly Journal of Experimental Psychology*, 70(5), 959-969. doi: 10.1080/17470218.2016.1154581

**Sugden, N. A.** & Moulson, M. C. (2015). Recruitment strategies shouldn't be randomly selected: Using science to empirically test and improve recruitment in psychological research. *Frontiers in Psychology*, 6, 523. doi: 10.3389/fpsyg.2015.00523

**Sugden, N. A.**, \*Mohamed-Ali, M. I., & Moulson, M. C. (2014). I spy with my little eye: Typical, daily exposure to faces documented from a first-person perspective. *Developmental Psychobiology*, 46, 2, SI, 249-261. doi: 10.1002/dev.21183

#### Submitted for peer review

Marquis, A. R. & **Sugden, N. A.** (under revision). Meta-analysis of infants' attentional preference to familiar and unfamiliar face types: Infants still prefer females, but race preference literature suggests publication bias. *Psychological Bulletin*. Manuscript ID: BUL-2016-0785 \*\*\*Both authors contributed equally

**Sugden, N. A.** & Choma, B. L. (under revision). Nature and Nurture in Fantz' infants: Developing the study of infancy. *History of Psychology*.

**Sugden, N. A.**, Festa, S., & Moulson, M. C. (abstract accepted for special edition, article in preparation). Smile! Natural, daily exposure to facial expressions of emotion in infancy. *Developmental Psychology*. Manuscript ID: DEV-2017-1529.

**Sugden, N. A.**, Marquis, A. R., & Moulson, M. C. (submitted). A tale of toques and cities: Factors that influence our helpfulness towards and ability to identify visible minority individuals in real-life interactions. *American Psychologist*. Manuscript ID: AMP-2017-0681

**Sugden, N. A.** & Moulson, M. C. (under revision). The interaction of race and gender effects in early face processing: Infants' discrimination of own- and other-race male and female faces at 3, 6, and 9 months of age. *Infancy*. Manuscript ID: HIFC-2016-0104

#### Paper Presentations

Moulson, M. C., & **Sugden, N. A.** (Accepted). *Caregivers are predictably primary in early face ecology: Dimensions by which parents are distinctive in infants' visual input and what this implies for early learning*. Paper submitted to Development 2018 – A Canadian Conference on Developmental Psychology St. Catherines, Ontario, Canada.

**Sugden, N. A.**, \*Makani, A., Marquis, A., \*Bernstein, A., \*Arruda-Caycho, I., \*Morris, M. Q., & Moulson, M. C. (Accepted). *Facing down sitting up: How face type familiarity and sitting status influence infants' face discrimination*. Paper submitted to the International Congress of Infant Studies Biennial Meeting, Philadelphia, USA

**Sugden, N. A.** & Choma, B. (Accepted). *In Fantz' research: The pioneering work of Dr. Robert L. Fantz in developing the study of infancy*. Paper submitted to the International Congress of Infant Studies Biennial Meeting, Philadelphia, USA

**Sugden, N. A.**, \*Miiller, J. & Werker, J. (Accepted). *Have you heard about the bird? Maybe, but have you seen it? Six-month-olds' attention to human and bird audio and visual vocalization*. Paper submitted to the International Congress of Infant Studies Biennial Meeting, Philadelphia, USA

**Sugden, N. A.**, \*Morris, M. Q., & Moulson, M. C. (October, 2017). *See it, like it, learn it: Exposure and attention at 3 months predict face discrimination at 3 and 6 but not 9 months*. Poster presented at the Cognitive Development Society Annual Meeting, Portland, Oregon, USA

\*Arruda-Caycho, I., \*Jorge, K., **Sugden, N. A.**, & Moulson, M. C. (June, 2017). *Guiding infant behaviour in novel situations: How 12- and 18-month-old infants respond to our emotional cues*. Poster presented at the Canadian Psychological Association 77th Annual Convention, Toronto, Ontario, Canada

\*Festa, S., **Sugden, N. A.**, & Moulson, M. C. (June, 2017). *Exposure to emotions in infancy predicts*

- infants' emotion regulation at 12 and 18 months.* Poster presented at the Canadian Psychological Association 77th Annual Convention, Toronto, Ontario, Canada
- \*Gobin, K., \*Morris, M. Q., **Sugden, N. A.**, & Moulson, M. C. (June, 2017). *It's time for my close-up! Proximity of faces in 3- and 6- month old infants' daily environment.* Poster presented at the Canadian Psychological Association 77th Annual Convention, Toronto, Ontario, Canada
- \*Makani, A., **Sugden, N. A.**, & Moulson, M. C. (June, 2017). *1 frame per 10 seconds is the most efficient rate at which to code infant-perspective video for exposure to faces at 3 and 6 months.* Poster presented at the Canadian Psychological Association 77th Annual Convention, Toronto, Ontario, Canada
- Marquis, A. R., Sugden, N. A., \*Festa, S., \*Woodside, A. M., \*Jorge, K., \*Vijayarajah, S., Gilmore, S., Mondloch, C. J., & Moulson, M. C. (June, 2017). *Trading places: Recognizing people in a real life scenario when external features are absent.* Poster presented at the Canadian Psychological Association 77th Annual Convention, Toronto, Ontario, Canada
- Sugden, N. A.**, Marquis, A. R., \*Divakaran K., \*Sack, L., \*Max, A., \*Gobin, K., \*Bernstein, A., Morris, M., Mondloch, C. J., & Moulson, M. C. (June, 2017). *"They all look the same to me": Age and race but not gender influence adults' failure to notice an identity change in a real-life interaction.* Poster presented at the Canadian Psychological Association 77th Annual Convention, Toronto, Ontario, Canada
- Sugden, N. A.**, Marquis, A. R., \*Peci, L., \*Arruda-Caycho, I., \*Parolin, E., \*Sivabalan, C., \*Cowie, K. D., Mondloch, C. J., & Moulson, M. C. (June, 2017). *Help, I need somebody... not just anybody! Factors that influence the likelihood that strangers will stop to help.* Poster presented at the Canadian Psychological Association 77th Annual Convention, Toronto, Ontario, Canada
- \*Vijayarajah, S., **Sugden, N. A.**, & Moulson, M. C. (June, 2017). *Facing the mirror: refusal behaviors in infant's response in the rouge task.* Poster presented at the Canadian Psychological Association 77th Annual Convention, Toronto, Ontario, Canada
- Marquis, A. & **Sugden, N. A.** (April 2017). *Meta-analytic review of own- and other-race face discrimination in infancy.* Paper presented at the Society for Research in Child Development Biennial Meeting, Austin, Texas, USA.
- Marquis, A. & **Sugden, N. A.** (April 2017). *Meta-analysis of infants' attention preferences for familiar and unfamiliar face types.* Paper presented at the Society for Research in Child Development Biennial Meeting Face Processing pre-conference, Austin, Texas, USA.
- Marquis, A., & **Sugden, N. A.** (October 2016). *Does the Other-Race-Effect (ORE) emerge in infancy?* Poster at the 8th Annual Psychology Graduate Student Association (PGSA) Research Symposium, Toronto, Canada.
- Sugden, N. A.**, \*Fattah, H., & Moulson, M. (September, 2016). *Keep it simple, silly! The early environment represents simple, repetitive, context-independent learning opportunities.* Paper presented at the International Mind, Brain and Education Society Conference, Toronto, Canada.
- Sugden, N. A.**, \*Festa, S., \*Vascotto, M., & Moulson, M. (May, 2016). *Put on a happy face: Developmental changes in infants' exposure to facial expressions of emotion from 3 to 6 months.* Paper presented at the International Conference on Infant Studies, New Orleans, Louisiana, USA.
- \*Abraham, E., **Sugden, N. A.**, \*Festa, S., & Moulson, M. C. (February, 2016) *When you're smiling? Three-month-old infants' natural, daily exposure to happy, surprise, and negative facial expressions of emotion.* Poster presented at the Lake Ontario Visionary Establishment Conference, Niagara Falls, Ontario, Canada.
- \*Mehak, A., **Sugden, N. A.**, & Moulson, M. C. (February, 2016) *Sit! How learning to sit changes infants' face processing.* Poster presented at the Lake Ontario Visionary Establishment Conference, Niagara Falls, Ontario, Canada.
- \*Morris, M. Q., \*MacKenzie, A., \*Atell, A., **Sugden, N. A.**, & Moulson, M. C. (February, 2016) *The eyes have it! Micro-analysis of infant-directed gaze in 3-month-old infants' typical, daily experiences.* Poster presented at the Lake Ontario Visionary Establishment Conference, Niagara Falls, Ontario,

Canada.

- Sugden, N. A.,** \*Miller, A., \*Rutten, C., \*Mehak, A., & Moulson, M. C. (August, 2015). *Attention in early perceptual learning: Linking visual preference and discrimination of faces*. Poster presented at the American Psychological Association Convention, Toronto, Ontario, Canada.
- Sugden, N. A.** & Moulson, M. C. (July, 2015). *Sum faces: How infants' typical, daily visual experiences shape their face processing abilities*. Poster presented at the Interdisciplinary Advances in Statistical Learning, San Sebastian, Spain.
- Sugden, N. A.,** Jayaraman, S., & Smith, L. B. (July, 2015). *Oh brother! Increased child face exposure and diversity in children with siblings*. Poster presented at the Interdisciplinary Advances in Statistical Learning, San Sebastian, Spain.
- Moulson, M., **Sugden, N. A.,** & \*Patel, T. (July, 2015). *Smile! Everyday experiences with emotional faces in infancy*. Paper presented at the Jean Piaget Society, Toronto, Ontario, Canada.
- Sugden, N. A.,** \*Miller, A., \*Rutten, C., \*Kondrouseva, A., & Moulson, M. C. (June, 2015). *Sum Faces to Learn: How infants' quantity of natural, daily exposure to faces predicts learning*. Paper presented at the Jean Piaget Society, Toronto, Ontario, Canada.
- Sugden, N. A.,** Jayaraman, S., & Smith, L. B. (June, 2015). *Fraternité en Face: Siblings change the quantity and quality of infants' exposure to child faces across the first two years of life*. Paper presented at the Jean Piaget Society, Toronto, Ontario, Canada.
- Sugden, N. A.,** \*Kusec, A., & Moulson, M. C. (March, 2015). *Parents' perspectives on benefits of and barriers to participating in research*. Poster presented at the Society for Research In Child Development Biennial Meeting, Philadelphia, Pennsylvania, USA.
- Sugden, N. A.** & Moulson, M. C. (March, 2015) *Hey baby, do you like what you see? Examining the influence of exposure to faces on visual preference in 3-month-old infants*. Poster presented at the Society for Research In Child Development Biennial Meeting, Philadelphia, Pennsylvania, USA.
- Sugden, N.** & Moulson, M. (July, 2014). *It may be a topsy-turvy world for infants, but faces are still upright most of the time*. Poster presented at the International Conference on Infant Studies, Berlin, Germany.
- Sugden, N.** & Moulson, M. (July, 2014). *Analyzing the early environment to understand how individual differences impact infants' opportunities to learn about faces*. Paper presented at the International Conference on Infant Studies, Berlin, Germany.
- Sugden, N.,** \*Wei, L., \*Kusec, A., & Moulson, M. (2014). *Face, the final frontier: An ERP study probing processing of human and alien faces in Trekkies and non-Trekkies*. *Journal of Vision*, 14 (10), 1259. doi: 10.1167/14.10.1259
- Sugden, N.,** \*Wei, L., Sandhu, R., Dyson, B., & Moulson, M. (April, 2014). *Hey, hey, we're the monkeys? Is ability and N170 response to human- and monkey-like faces graded?* Poster presented at the Cognitive Neuroscience Society Annual Meeting, Boston, Massachusetts, USA.
- Sugden, N.** & Moulson, M. (June, 2013). *SuMo Face Database: How to use this publicly available highly-standardized, validated database of static and dynamic images of faces of diverse ethnicities posing emotional or neutral expressions*. Workshop presented at the Canadian Psychological Association 74th Annual Convention, Quebec City, Quebec, Canada.
- Sugden, N. A.** & Moulson, M. (June, 2013). *First impressions and second thoughts: Introducing psychological research to potential participants and the public*. Discussion Session presented at the Canadian Psychological Association 74<sup>th</sup> Annual Convention, Quebec City, Quebec, Canada.
- Sugden, N. A.,** \*Arcon, M., \*Wei, M., & Moulson, M. (June, 2013). *These are a few of my favorite things: Infants' preference for familiar and unfamiliar faces, hands, and bottles*. Poster presented at the Canadian Psychological Association 74th Annual Convention, Quebec City, Quebec, Canada.
- Sugden, N. A.,** \*Kusec, A., & Moulson, M. (June, 2013). *Stepping out with my baby: Does involvement in extracurricular activities predict parents' willingness to participate in developmental research?*

Poster presented at the Canadian Psychological Association 74th Annual Convention, Quebec City, Quebec, Canada.

Moulson, M., **Sugden, N. A.**, & \*ElShiekh, A. (June, 2013). *Do people look strange when they're a stranger? Relations between social contact and the other-race effect in adults.* Poster presented at the Canadian Psychological Association 74th Annual Convention, Quebec City, Quebec, Canada.

**Sugden, N. A.**, \*Manion, C., & \*Bortoluzzi, S. (May, 2013). *Learning at YouTube.com? Students Embrace Video Presentation Opportunities.* Poster presented at the Ryerson Faculty Conference, Toronto, Ontario, Canada.

**Sugden, N. A.** & Moulson, M.C. (April, 2013). *Recruitment Matters: Factors that Influence Parents' Decision to Participate in Developmental Research.* Paper presented at the Society for Research in Child Development Biennial Meeting, Seattle, Washington, USA.

Moulson, M., \*ElShiekh, A., & **Sugden, N.** (April, 2013). *Neural correlates of the other-race effect in adulthood: Effects of exposure.* Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, California, USA.

**Sugden, N.** & Moulson, M. (Nov. 2012). *Researching research: empirical examination of recruitment strategies.* Poster presented at the Ryerson Psychology Graduate Student Association Research Symposium, Toronto, Ontario, Canada.

**Sugden, N.**, \*Ein, N., \*Aimola, S., & Moulson, M. (June, 2012). *How to win participants and influence parents: Successful strategies for large-scale recruitment of a developmental population.* Poster presented at the Canadian Psychological Association 73rd Annual Convention, Halifax, Nova Scotia, Canada.

**Sugden, N.**, Safar, K., & Moulson, M. (June, 2012). *Promoting non-white pregnant mothers' willingness to volunteer their child for developmental research: recruitment recommendations.* Poster presented at the 42nd Annual Meeting of the Jean Piaget Society: Rethinking Cognitive Development, Toronto, Ontario, Canada.

**Sugden, N.**, Safar, K., & Moulson, M. (June 2012) *Smile! Daily Exposure to Emotional Faces in Infancy and Adulthood.* Poster presented at International Society on Infant Studies' International Conference on Infant Studies, Minneapolis, Minnesota, USA.

**Sugden, N.** & Moulson, M. (April, 2012). *Recruitment matters: Factors that influence parents' decision to participate in developmental research.* Paper presented at the Society for Research In Child Development Biennial Meeting, Seattle, Washington, USA.

**Sugden, N.** & Moulson, M. (February, 2012). *Here's looking at you! Quantification of quotidian face exposure in adults and infants.* Poster presented at the Society for Research in Child Development Themed Meeting: Developmental Methodology, Tampa, Florida, USA.

**Sugden, N.** & Moulson, M. (November, 2011). *Here's looking at you! Quantification of quotidian face exposure in adults and infants.* Poster presented at the Ryerson University Psychology Graduate Students' Association Research Symposium, Toronto, Ontario, Canada.

Neumark, E., Miller, S. B., Young, S. N., Pihl, R. O., Ditto, B., Campbell, T., Lavoie, K., **Sugden, N.**, Benkelfat, C. (June, 2003.) *Mood and cardiovascular response to stress: Effects of tryptophan depletion.* Annual Meeting of the Canadian College of Neuropsychopharmacology; Montreal, PQ.

## Invited Talks

- Sugden, N. A.** (June, 2018). *Growing and developing the Developmental Section*. Address from the Chair at the Canadian Psychological Association Developmental Section; Montreal, PQ.
- Sugden, N. A.** (June, 2018). *The role of experience in early learning: Lessons from language, face perception, emotion recognition, and neural plasticity*. Invited symposium for the Canadian Psychological Association Developmental Section; Montreal, PQ.
- Sugden, N. A.** (May, 2018). *Timing is everything: Prematurity shifts the timing of experience that supports language development*. Invited talk at the British Columbia Children's Hospital, Division of Neonatology, Department of Pediatrics (invited by Dr. Anne Synnes), Vancouver, Canada.
- Sugden, N. A.** (April, 2018). *The nature of nurture: How our face diet feeds our perception, attention, and cognition in infancy and adulthood*. University of British Columbia Okanagan, Department of Psychology, Speaker Series; Kelowna, British Columbia, Canada.
- Sugden, N. A.** (February, 2018). *What the perception? The role of experience in shaping our visual perception in infancy and adulthood*. Department of Ophthalmology, Vancouver General Hospital (Invited by Dr. Ipec Oruk), Vancouver, Canada.
- Sugden, N. A.** & Moulson, M. (April, 2012). *I spy with my little eye: Typical, daily exposure to faces documented from a first-person perspective*. Paper presented at the Society for Research In Child Development Biennial Meeting, Seattle, Washington, USA.
- Sugden, N. A.** (December, 2012). *Here's looking at you: Quantifying normal, daily exposure to faces*. Paper presented at the First Annual Golden Horseshoe Face Perception: Development Conference. St. Catherines, Ontario, Canada.
- Sugden, N. A.** (December, 2012). *These are a few of my favorite things: Infants' preference for familiar and unfamiliar faces, hands, and bottles*. Paper presented at the First Annual Golden Horseshoe Face Perception: Development Conference. St. Catherines, Ontario, Canada.
- Moulson, M., \*ElShiekh, A., & **Sugden, N. A.** (December, 2012). *Do people look strange when you're a stranger: Correlating exposure to other-race faces to behavioral and neurological (ERP) measures of the other-race effect*. Paper presented at the First Annual Golden Horseshoe Face Perception: Development Conference. St. Catherines, Ontario, Canada.

## Research Experience

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- 2016 **University of Toronto**, Toronto, Ontario, Canada  
Assisting with research in the lab of **Dr. Kang Lee**, I trained in and assisted with functional Near-Infrared Spectroscopy (fNIRS) neuroimaging studies with infants. The studies explored infants' early face and language processing.
- 2014 **Indiana University**, Bloomington, Indiana, USA  
As a visiting scholar in the lab of **Dr. Linda Smith**, I had the opportunity to work on two research projects. 1: how do siblings impact infants' face diet within the first year of life? 2: in collaboration with Dr. Chen Yu, using high-density multisensory data, how do infants and parents pace a play interaction?
- 2011-2014 **Ryerson University Brain and Early Experiences (BEE) Lab**, Toronto, Canada  
Working on two ERP projects investigating face perception, I prepared the REB submission, created tasks, collected and analyzed behavioral and ERP data, and co-wrote abstracts and presentations.
- 2009-2010 **St. Michael's Hospital, Center for Research on Inner City Health (CRICH)**, Toronto, Canada  
On this large-scale study examining the Neighborhood Effects on Mental Health and Well-Being in Toronto, I conducted structured interviews with project participants.
- 2009 **Street Needs Assessment, City of Toronto**, Toronto, Canada  
Working as Team Lead for this city-wide study that assessed housing security within Toronto, I ensured my team administered the survey respectfully and safely.
- 2006-2007 **York University, Institute for Social Research**, Toronto, Canada  
Liaising in French or English with participants, I collected data for research studies and health, politics, social issues, the environment, education, and recreation.
- 2005-2007 **McMaster University, New Emerging Team (NET)**, Hamilton, Canada  
Examining antibiotic-resistant hospital-acquired infection risks, I co-developed a hand-hygiene

monitoring tool and guide and organized and conducted province-wide infection control audits.

2002-2005 **McGill / Concordia, Stress & Serotonin Laboratory**, Montréal, Quebec, Canada  
Initially a volunteer, I was hired within 3 months as sole RA. My duties were recruiting and testing; organizing volunteers; directing lab meetings; analyzing data; and preparing/editing result presentation.

## Service

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### Reviews of Manuscripts and Meeting Abstracts

2017 Ad hoc reviewer for Developmental Science, Frontiers, Cognition, Developmental Medicine & Child Neurology, and Journal of Experimental Psychology, Proceedings of the National Academy of Sciences (PNAS): Human Perception and Performance; Mentored reviewer for Child Development; International Congress of Applied Psychology Developmental Section review coordinator

2016 Ad hoc reviewer for Perception and for Cognitive, Affective, and Behavioral Neuroscience

2015 Ad hoc reviewer for Perception; Canadian Psychological Association Convention bilingual abstract reviewer

2014 Canadian Society for Brain Behavior and Cognitive Science Meeting abstract reviewer; Society for Research in Child Development Meeting abstract reviewer; Canadian Psychological Association Convention bilingual abstract reviewer

2013 Developmental Psychobiology ad hoc reviewer; Brain and Cognition ad hoc reviewer; Canadian Psychological Association Convention bilingual abstract reviewer

2012 Society for Research in Child Development Meeting abstract reviewer; Canadian Psychological Association Convention bilingual abstract reviewer

### Workshops Organized

2017 EEG / ERP Bootcamp at UBC with Dr. Steven Luck

### Councils, Committees, and other Service

2017-2018 Canadian Psychological Association Developmental Section Chair

2015-2016 Ryerson University Senate Learning and Teaching Committee Member  
Ryerson University Graduate Council Member  
TRaCE (Track, Report, Connect, Exchange) Transforming Humanities Graduate Education for the Future of Canada Student Representative  
Ontario Universities' Council on Quality Council Audit, Graduate Council Student Representative  
Ryerson University Academic Integrity Council Member & new student member Mentor

2014-2015 Ryerson University Senate Graduate Program Improvement Committee Member  
Ryerson University Academic Integrity Council Member

2013-2014 Ryerson University Senate Graduate Program Improvement Committee Member  
Canadian Society for Brain Behavior and Cognitive Science Meeting Organizing Committee  
American Psychological Association Student Representative  
Ryerson University Academic Integrity Council Member  
Ryerson Psychological Science Speaker Series Organizing Committee Member  
Ryerson Learning and Teaching Office Awards Committee Member/Adjudicator

2012-2014 Canadian Psychological Association Developmental Section Student Representative

2012-2013 Ryerson University Psychological Science Program Committee Student Representative  
Ryerson University Library and Archives Student Advisory Committee Member  
Ryerson University Research Ethics Board Application Revision Committee Member

2011-2013 Ryerson University Department of Psychology Ethics Board Member

2011-2012 CPA Developmental Section Revitalization Committee Ontario Student Representative

### Supervisory Duties

2018 Trained and co-supervised 8 undergraduate research assistants (4 at Ryerson University

- and 4 at UBC); 1 Methods in Research student (Garbo Lam; UBC PSY366), and 1 UBC Aboriginal undergraduate Research Mentorship student (Madeson Todd)
- 2017 Trained and co-supervised 13 undergraduate research assistants
- 2016/17 Trained and co-supervised 1 undergraduate honours thesis student (Suellen Festa)
- 2016 Trained and co-supervised 35 undergraduate research assistants
- 2015/16 Trained and co-supervised 1 undergraduate honours thesis student (Amy Mackenzie)
- 2015 Trained and co-supervised 31 undergraduate research assistants
- 2014 Trained and co-supervised 18 undergraduate research assistants
- 2013 Trained and co-supervised 18 undergraduate research assistants
- 2012 Trained and co-supervised 17 undergraduate research assistants  
Co-supervised 1 undergraduate NSERC-funded research assistant (Abdel El Shiekh)  
Co-supervised 1 Undergraduate Student Research Opportunity student (Olha Chayka)
- 2011 Trained and co-supervised 5 undergraduate research assistants

### Community Outreach

- 2018 Ad hoc consultant for BBC documentary on early development
- 2016 Ryerson Prospective Psychology Graduate Student Visiting Day Host and Animator
- 2012-2014 Science Rendez-Vous Animator for BEE, HEAR, and MAD Lab collaborative project
- 2010-2013 Ryerson University Psychology Graduate Program Open House BEE Lab Representative
- 2010-2012 Ryerson University Psychological Science Lab Tour BEE Lab Student Presenter
- 2011-2012 Incoming Graduate Student Orientation Psychological Science Representative
- 2011 Science Rendez-Vous BEE Lab Event Organizer

### Media Publications

- Dyson, B. & Sugden, N. (April, 2013). *The Appliance of Science: RSVP to Science Rendezvous with Ryerson*. The Urban Psychologist.
- Burke, T., Cowan, S., & Sugden, N. (April, 2013). *Teaching Practicum Course Prepares Students for Classroom Success*. The Urban Psychologist.

### Media Interviews and Interest

- Alaei, A. (July, 2015) Cyrus is a baby scientist. *At home with Aneta*.  
[www.homewithaneta.com/cyrus-scientist-beelab/](http://www.homewithaneta.com/cyrus-scientist-beelab/)
- Gammon, K. (March, 2014). Faces, spaces, siblings: What do babies see all day long? *Popular Science*.  
[www.popsci.com/blog-network/kinderlab/faces-spaces-siblings-what-do-babies-see-all-day-long](http://www.popsci.com/blog-network/kinderlab/faces-spaces-siblings-what-do-babies-see-all-day-long)
- Jarrett, C. (February, 2014). Psychologists use baby-cam to study infants' exposure to faces. *The British Psychological Society Research Digest: Blogging on Brain and Behavior*.  
<http://www.bps-research-digest.blogspot.co.uk/2014/02/psychologists-use-baby-cam-to-study.html>
- Sanders, L. (January, 2014). Baby-cam captures an infant's world. *Science News Magazine*.  
[www.sciencenews.org/blog/growth-curve/baby-cam-captures-infants-world](http://www.sciencenews.org/blog/growth-curve/baby-cam-captures-infants-world)

## Teaching

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### Course Instructor

- 2017 University of British Columbia, Dept. of Psychology, Brain and Behaviour (PSYC304; 178 students)
- 2015 Ryerson University, Dept. of Psychology, Advanced Developmental Seminar (PSY908; 32 students)
- 2013 Ryerson University, Dept. of Psychology, Brain and Behavior (PSY434; 62 students)

### Teaching Assistant

- 2010-2016 Introduction to Psychology (PSY102, PSY105, and PSY202); Child Development (PSY302); Adult Development (PSY402); Developmental Psychopathology (PSY602), Cognitive Development (PSY654)



## Guest Lecturer

2011-2013 Neurological Underpinnings of Learning and Memory (Biological Psychology, PSY324); Introduction to the Human Brain (Introduction to Psychology, PSY 102 and PSY 105); Early Language Development (Child Development, PSY 302); Introduction to Early Development (Introduction to Psychology II, PSY 202); Complex Cognitive Development in Aging (Adult Development, PSY 402); Research Methods for Developmental Research (Adult Development, PSY 402)

## Workshop Facilitator

2016 Ta da! Pulling presentation skills out of your hat (Learning & Teaching Office Workshop)

## Tutor

2013 MA Year 1 Student in Applied and Translational Research Methods (PS8201)

## Peer Mentor

2017-2018 UBC First Nations House of Learning undergraduate Aboriginal student research mentor

2016 IMBES Peer Mentor of 2 junior graduate students

2011-2015 Peer Mentor of 1 incoming Psychology MA1 graduate student

## Professional Development

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### Certificates, Courses, & Workshops

2019 CPR and First Aid Certification (Valid August 25, 2016 - August 25, 2019)

2018 fNIRS Advanced Data Analysis (Dr. Huppert)  
ACMG CGI Level 1 (September 2018)

2017 Avalanche Skills Training (AST-1) Plus

2016 ERP and EEG design and analysis workshop (Dr. Steve Luck)

fNIRS course: Modules 1 and 2, Society for Functional Near-Infrared Spectroscopy

2015 Advanced EEG/ERP analysis workshop, Brock University

Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans Course on  
Research Ethics certificate, Government of Canada Tri-Council

2013 Learning to Teach Instructional Skills Workshop, Ryerson University

2012 Graduate Studies Professional Skills Certificate, Ryerson University

Professional Development in Teaching Level II Certificate, Ryerson University

2011 Professional Development in Teaching Level I Certificate, Ryerson University

Open water diver (PADI SCUBA certification)

### Courses

Statistics/ Statistics and research design 1 & 2, Ryerson University

Methods Longitudinal data analysis, York University

Meta-analysis, Ryerson University

Introduction to R, York University

Applied and translational research methods, Ryerson University

Special Cognitive aging, Ryerson University

Topics Cognitive neuroscience, Ryerson University

Cognitive developmental neuroscience, Ryerson University, audit

Early development, Ryerson University

Learning, plasticity, and memory, Ryerson University, audit

Anatomy of the human brain, Ryerson University

History of Psychology, Ryerson University

Practical Practicum in teaching, Ryerson University

Professional issues in Psychological Science, Ryerson University

### Research Skills and Languages

EGI EEG/ERP System, BioSemi EEG/ERP System, Net Station, BESA, Habit, SPSS, DataVyu,  
BioPac mobile electrophysiology monitoring system, Infant-looking and infant-controlled

habituation procedures, Positive Science mobile eye tracking, Stimulus creation and validation, Database creation, Qualtrics survey development, E-Prime

### **Professional Affiliations**

American Psychological Association (APA)  
Cognitive Development Society (CDS)  
Canadian Psychological Association (CPA)  
Canadian Society for Brain, Behavior, and Cognitive Science (CSBBCS)  
Cognitive Neuroscience Society (CNS)  
International Association of Applied Psychology (IAAP)  
International Mind, Brain and Education Society (IMBES)  
International Society for Infant Studies (ISIS)  
Jean Piaget Society (JPS)  
Society for functional Near Infrared Spectroscopy (SfNIRS)  
Society for Research in Child Development (SRCD)  
Vision Sciences Society (VSS)