

Felicia Zhang

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EDUCATION

Princeton University 2015 – Present

Ph.D. in Cognitive Psychology

Advisor: Lauren Emberson

Secondary advisor: Casey Lew-Williams

University of Toronto 2010 – 2014

Honours B.Sc. in Psychology with High Distinction, Research Specialist

Advisor: Morgan Barese

Thesis: The Effects of Training on Conjunctive Visual Search

HONOURS & AWARDS

Centennial Fellowship in the Natural Sciences and Engineering 2015

Dean's List 2013, 2014

University of Toronto Undergraduate Excellence Awards in Natural Sciences and Engineering 2013

Queen Elizabeth II Aiming for the Top Scholarship 2010

University of Toronto President's Entrance Scholarship 2010

EMPLOYMENT & RESEARCH EXPERIENCE

Sunnybrook Health Sciences Centre 2014 – 2015

Mood and Anxiety Disorders Program

Clinical Research Assistant

Canadian Mental Health Association – Ontario Chapter 2014 – 2015

Living Life to the Full

Research Assistant

University of Toronto 2013 – 2015

Memory and Perception Lab (PI: Morgan Barese)

Research Assistant

The Hospital for Sick Children 2013 – 2014

Functional Neuroimaging Lab (PI: Margot Taylor)

Research Assistant

Toronto Western Hospital Bariatric Surgery Program <i>Clinical Research Assistant</i>	2012 – 2013
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University of Toronto Second Language Literacy Lab (PI: Esther Geva) <i>Research Opportunity Program (ROP) Student</i>	2011 – 2012
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University of Toronto Aging & Cognition Lab (PI: Lynn Hasher) <i>Research Assistant</i>	2011 – 2012
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OUTREACH

Princeton University Scholars Institute Fellows Program <i>Graduate Fellow</i>	2017 –
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Princeton University Office of Undergraduate Research – ReMatch <i>Mentor</i>	2017 –
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University of Toronto Psychology Department <i>Mentor in the Psychology Department Mentorship Program</i>	2014 –
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Centre for Addiction and Mental Health (CAMH) CAMH Breakthrough Challenge <i>Volunteer</i>	2014
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University of Toronto Memory and Perception Lab <i>High School Shadowing Leader</i>	2013
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University of Toronto Psychology Student Association <i>Class Representative Coordinator</i>	2012 – 2013
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Holland Bloorview Kids Rehabilitation Hospital Therapeutic Playroom (Ages 0 – 6) <i>Volunteer</i>	2012
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Thinkfirst Canada
A Night With Patrick Chan & Friends
Brain Day Presenter

2012

Mount Sinai Hospital
Medical Imaging – MRI
Volunteer

2011 – 2012

PUBLICATIONS

Zhang, F., Jaffe-Dax, S., Wilson, R. C. & Emberson, L. L. (under review). Prediction and statistical learning in infants and adults: A pupillometry study.

Liang, J., Erez, J., **Zhang, F.**, Cusack, R. & Barense, M.D. (2017). Neural evidence for unitization following perceptual expertise. *Journal of Vision*, 17(10).

D'Angelo, M.C., Smith, V.M., Kacollja, A., **Zhang, F.**, Binns, M.A., Barense, M.D., & Ryan, J.D. (2016). The effectiveness of unitization in mitigating age-related relational learning impairments. *Aging, Neuropsychology, and Cognition*, 1–24.

CONFERENCE PRESENTATIONS

Zhang, F., Jaffe-Dax, S., Wilson, R. C. & Emberson, L. L. (2017, June). Prediction and statistical learning in infants and adults: A pupillometry study. International Conference on Interdisciplinary Advances in Statistical Learning, Bilbao, Spain.

Zhang, F. & Emberson, L. L. (2017, June). Examining the online mechanisms of visual statistical learning using pupillometry. International Conference on Interdisciplinary Advances in Statistical Learning, Bilbao, Spain.

Zhang, F., Jaffe-Dax, S., Wilson, R. C. & Emberson, L. L. (2017, April). Prediction in young infants: A pupillometry study. Society for Research in Child Development 2017 Biennial Meeting, Austin, Texas.

Zhang, F., Aslin, N. R. & Emberson, L. L. (2016, October). Investigating auditory prediction in young infants using fNIRS. The Society for functional Near Infrared Spectroscopy 2016 Biennial Meeting, Paris, France.

Khatri, N., Hardy, J., **Zhang, F.**, Hynie, M. & Mitchell, S. (2015, May). Living Life to the Full for Older Adults: An Ontario pilot project. Global Mental Health Conference, Toronto, Ontario.

- Khatri, N., Hardy, J., **Zhang, F.**, Mitchell, S., & Hynie, M. (2015, March). Community based group intervention for older adults experiencing low mood and stress: An Ontario pilot project. Women in Science and Engineering National Conference Poster Competition, Toronto, Ontario.
- D'Angelo, M.C., Kacollja, A., Smith, V.M., Rabin, J.S., **Zhang, F.**, Binns, M.A., Rosenbaum, S., Barens, M., & Ryan, J.D (2015, March). Unitization Supports Relational Learning in Healthy Aging and Amnesic Cases. 22nd Annual Meeting of the Cognitive Neuroscience Society, San Francisco, California.
- Khatri, N., Hardy, J., **Zhang, F.**, Mitchell, S., & Hynie, M. (2015, February). Community based group intervention for older adults experiencing low mood and stress: An Ontario pilot project. Ontario Psychological Association 68th Annual Conference, Toronto, Ontario.
- Khatri, N., Hardy, J., **Zhang, F.**, Mitchell, S., & Hynie, M. (2014, September). Community based group intervention for older adults experiencing low mood and stress: An Ontario pilot project. Presented as a talk at the Canadian Coalition for Seniors' Mental Health – Canadian Academy of Geriatric Psychiatry Joint Scientific Meeting, Toronto, Ontario.
- D'Angelo, M.C., Smith, V.M., **Zhang, F.**, Kacollja, A., Barens, M., & Ryan, J.D. (2014, July). Aging and Unitization: Unitization Supports Relational Learning in Healthy Older Adults but not those At-Risk for MCI. 24th Annual Meeting of Canadian Society for Brain, Behaviour and Cognitive Science, Toronto, Ontario.
- Erez, J., Cusack, R., **Zhang, F.**, & Barens, M. (2014, April). Experience modifies the conjunctive neural representations necessary for complex object perception. 21st Annual Meeting of the Cognitive Neuroscience Society, Boston, Massachusetts.
- D'Angelo, M.C., Smith, V.M., **Zhang, F.**, Kacollja, A., Barens, M., & Ryan, J.D. (2014, March). Unitization supports relational learning in healthy older adults, but not those at-risk for MCI. 24th Annual Rotman Research Institute Neuroscience Conference, Toronto, Ontario.
- D'Angelo, M.C., Smith, V.M., **Zhang, F.**, Kacollja, A., Barens, M., & Ryan, J.D. (2014, February). Unitization supports relational learning in healthy older adults, but not those at-risk for MCI. 43rd Annual Lake Ontario Visionary Establishment Conference, Niagara Falls, Ontario.
- Erez, J., Cusack, R., **Zhang, F.**, & Barens, M.D. (2014, February). How the neural representations for feature conjunctions of complex objects change with experience. 43rd Annual Lake Ontario Visionary Establishment Conference, Niagara Falls, Ontario.

Zhang, F., Shen, J., Misquith, C., Mak, J., & Geva, E. (2012, July). Reading comprehension predictors in ELL second graders. 19th Annual Meeting of the Society for the Scientific Study of Reading, Montreal, Quebec.

TEACHING

PSY 254: Developmental Psychology, Assistant-in-Instruction (Fall 2017)

PSY 101: Introduction to Psychology, Assistant-in-Instruction (Fall 2016)

PROFESSIONAL ACTIVITIES

Departmental Service

Princeton Psychology Professional Development Committee (2017-)

Princeton Psychology Community-Building Leadership Council (2016-)

Princeton Psychology Graduate Statistics Committee (2015–2016)