

Aedan Yue Li

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SUMMARY

RESEARCH INTERESTS:

- Memory & perception, multisensory integration, consciousness, neuroimaging, machine learning, cognitive science

TECHNICAL SKILLS:

- Analysis of neuroimaging data; functional connectivity
- Manual medial temporal lobe (MTL) structural segmentation
- Psychology survey and behavioural research paradigms
- Advanced data analysis: GLMs, PLS, structural equation modelling, mixture modelling, non-parametric statistics, machine learning
- Academic writing, data visualization, literature review, poster design

LANGUAGES AND TECHNOLOGIES:

- Data analysis: MATLAB, SPSS, R, Excel, SQL
- Experiment creation: MATLAB, Python, E-prime, Presentation, PsychoPy, Inquisit
- Questionnaire creation: Qualtrics, SurveyMonkey
- Visual design: Photoshop CS, Illustrator, ImageMagick
- Databases: ACCESS, AWS
- Web: HTML, CSS

STANDARDIZED TESTING:

- GRE – General Test (169V, 162Q, 5AW)

EDUCATION

University of Toronto

2016 – Present

Candidate, M.A. Psychology (GPA: 4.00/4.00) – Advisor: Morgan D. Barense

University of Toronto Scarborough

2012 – 2016

Hon. B. Sc. Psychology (GPA: 3.84/4.00) – Honours Thesis: Andy C. H. Lee

ACADEMIC AND RESEARCH EXPERIENCE

University of Toronto

Sept. 2016 – Present

Teaching Assistant

- PSY270: Intro. to Cognitive Psychology (Jan. 2017 – Present); *Guest Lecture – Visual Imagery*
- PSY100: Intro. to Psychology (Sept. 2016 – Dec. 2016)

St. Michael's Hospital

Sept. 2014 – Sept. 2016

Research Student – Gustavo Saposnik

- Independent research under the guidance of Dr. Gustavo Saposnik, on silent stroke
- Two abstracts accepted for presentation at the International Stroke Conference, 2016

University of Toronto

Apr. 2016 – Sept. 2016

Data Analyst – Postgraduate Medical Education

- Analyzed data from the Voice of the Residents survey (n = 925) sent to medical residents
- Data tables, descriptives (means and crosstabs), lit. review, reports, visualization

University of Toronto Scarborough

Sept. 2015 – Apr. 2016

Honours Thesis – Andy C. H. Lee

- Project on mnemonic interference using a computer-based paradigm
- Modified 360 item shape stimulus set, contributed to the code
- Participant recruitment, poster presentation, written academic report

Rotman Research Institute

May 2015 – Apr. 2016

Research Assistant/Student – Linda Mah

- Projects on emotion and memory in MDD, MCI, and Alzheimer's disease
- Analyzed fMRI data using PLS, subsequent structural equation modelling using SPSS AMOS
- Ethics application, consent form creation
- Modified 160 face stimuli; fixed problematic code
- Coded suicide implicit association task and data analysis script; a project on the efficacy of Ketamine to treat MDD

University of Toronto Stroke Program

Sept. 2014 – Dec. 2014

Research Assistant – Three offices: *Toronto Western, Sunnybrook, and St. Michael's Hospital*

- Lit. review, data analysis, data visualization, report writing, and drafted two manuscripts
- Visual design for posters and material for conferences; visually updated organization website

Rotman Research Institute**Apr. 2014 – Sept. 2014**

Research Assistant – Asaf Gilboa

- Projects on higher-order conditioning and memory
- Participant recruitment, administration: Galvanic Skin Response (GSR), Autobiographical Memory Test, computer-based programs
- Created 50 item+ stimulus set of real-world food and logo images for use in a higher-order conditioning study; creation of questionnaire

NON-ACADEMIC EXPERIENCE**WORK AND VOLUNTEER:**

- YouthLink, *New Immigrant Program Leader* (2013 – 2014)
- YouthLink, *Leadership Camp Coordinator* (2013)
- Chinese Family Services of Ontario, *Program and Event Planner* (2010 – 2013)
- City of Toronto, *Volunteer Captain and Community Event Planner* (2010 – 2012)

EXTRACURRICULARS:

- Inkblot: The Undergraduate Journal of Psychology, *Graduate Advisor* (2016 – Present)
- Psychology Graduate Students Association, *Social Coordinator* (2016 – Present)
- University of Toronto League Association, *Member* (2012 – 2016)
- The Marketing Group, *Web and Design Executive* (2014 – 2015)
- Students of Sociology, *Creative Director* (2014 – 2015)
- Canadian Asian Student Society, *Event Planner* (2013)
- Albert Campbell Yearbook Committee, *Art & Design President* (2011 – 2012)
- Campbell Chronicles, *Art & Design President* (2011 – 2012)
- Cross-country, Track & Field, Swim Team, *Member* (2009 – 2011)

MENTORSHIP

- Darby Lowe, *Volunteer Research Assistant* (Jan. 2017 – May 2017)
- Julia Duder, *Research Opportunity Program* (May 2017 – Present)
- Roksoiyana Rusnyak, *PSY405 Independent Project* (May 2017 – Present)

AWARDS

- \$17500 – Canada Graduate Scholarships-Master’s Program Award, *Awarded* (2017)
- \$530 – SGS Conference Grant, *Awarded* (2017)
- \$2769 – University of Toronto Fellowship Award, *Awarded* (2016)
- International Stroke Conference Travel Award for Junior Investigators, *Applied* (2016)
- University of Toronto Scarborough, Undergraduate Research Forum Finalist (2016)
- University of Toronto Scarborough Deans List (2013 – 2016)
- ‘Budding Scholar’, *for exceptional academic performance in Intro. to Psychology* (2013)
- U of T Education Workers Entrance Scholarship CUPE 3902, *Awarded* (2012)

PUBLICATIONS

1. Li, A. Y., Fidalgo, C. O., Lee, A. C. H., Barense, M. D. (manuscript in prep). The impact of mnemonic interference on memory for visual form.
2. Li, Y., Crump, L., Sharma, M., Sacco, R., Smith, E., Saposnik, G. (manuscript in prep). Physicians’ Preferences in the Management of Silent Stroke: Results from a Worldwide Survey.
3. Casaubon, L. K., Hylton D., Li, Y., Vlahovic, K., Kalman, L., & Cayley, A. M. (Dec 2015). Transforming TIA and minor stroke care through a comprehensive, day-unit care model-the TIA And Minor Stroke (TAMS) Unit. *Submitted to Stroke*.

ABSTRACTS

1. Li, A. Y., Fidalgo, C. O., Lee, A. C. H., & Barense, M. D. (June 2017). The impact of mnemonic interference on memory for visual form. *Canadian Society for Brain, Behaviour, and Cognitive Sciences (CSBBCS)*.
2. Li, A. Y., Fidalgo, C. O., Lee, A. C. H., & Barense, M. D. (May 2017). The impact of mnemonic interference on memory for visual form. *Vision Sciences Society (VSS)*.
3. Li, A. Y., Fidalgo, C. O., Lee, A. C. H., & Barense, M. D. (Feb 2017). The impact of mnemonic interference on memory for visual form. *Lake Ontario Visionary Establishment (LOVE)*. URL: http://qvcl.queensu.ca/love/programs/2017_46_LOVE_Program.pdf
4. Fidalgo, C., Li, Y., Barense, M. D., Lee, A. C. H. (Feb 2016). How Interference Affects Accuracy and Precision for Object Colour and Shape. *Lake Ontario Visionary Establishment (LOVE)*. URL: http://qvcl.queensu.ca/love/LOVE_Poster_sessions_2016.pdf
5. Li, Y., Crump, L., Sharma, M., Sacco, R., Smith, E., Saposnik, G. (Feb 2016). Influence of Aversion to Uncertainty in STROKE Care. URL: http://stroke.ahajournals.org/content/47/Suppl_1/ATP336.abstract?sid=8d1c12d8-849a-401d-bc17-0239617039d2

6. Crump, L., Li, Y., Sharma, M., Sacco, R., Smith, E., Saposnik, G. (Feb 2016). Physicians' Preferences in the Management of Silent Stroke: Results from a Worldwide Survey. URL: http://stroke.ahajournals.org/content/47/Suppl_1/ATMP37.abstract?sid=a8c83401-343c-4420-ad96-0f87f76dfc4c

CONFERENCES

1. Canadian Society for Brain, Behaviour, and Cognitive Sciences (CSBBCS). Regina, Saskatchewan; *talk* (June 2017)
2. Vision Sciences Society (VSS). Tampa, Florida; *poster presenter* (May 2017)
3. Toronto Area Memory Group (TAMeG). Toronto, Ontario; *attended* (May 2017)
4. Ebbinghaus Empire Meeting. Toronto, Ontario; *Data Blitz presenter* (April 2017)
5. Lake Ontario Visionary Establishment (LOVE). Niagara, Ontario; *poster presenter* (Feb 2017)
6. American Health Association International Stroke Conference 2016. Los Angeles, California; *poster presenter* (Feb 2016)