

Karen (Ho Wing) Chan

Department of Psychology
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EDUCATION

Toronto Metropolitan University | MA Psychological Sciences 2022-2024
McMaster University | Honors B.Sc. Psychology, Neuroscience, and Behavior 2018-2022

HONOURS AND AWARDS

Canadian Graduate Scholarship-Master's (CGS-M) 2023-2024

- SSHRC- Joseph Armand Bombardier Scholarship, valued at \$17,500 for 12 months

Toronto Metropolitan Graduate Scholarship (TMGS, Declined) 2023-2024

- Valued at \$15,000 for 12 months

MITACs Globalink Research Award May 2022

- Valued at \$6000
- Travel award to conduct research at the China Medical University

Dean's Honors List 2020-2022

CONFERENCE POSTERS

Chan, K. & Deska, J. C. (June, 2024). Spreading Misinformation Using Deepfakes. Poster submitted to the 26th International Conference on Human Computer Interaction, Washington, DC.

Gupta, N., **Chan, K.** & Deska, J. C. (April, 2024). Race and Intelligence Perceptions: South Asian and White. Poster submitted to the 94th Annual Midwestern Psychological Association Conference, Chicago, IL.

Chan, K. & Deska, J. C. (April, 2024). Deceived by Deepfakes: Differences in Perceptual and Social Evaluations of AI-Generated and Real Faces. Poster submitted to the 94th Annual Midwestern Psychological Association Conference, Chicago, IL.

Chan, K. & Deska, J. C. (February, 2024). Deceived by Deepfakes: Differences in Perceptual and Social Evaluations of AI-Generated and Real Faces. Poster submitted to the 24th Annual Meeting of the Society of Personality and Social Psychology, San Diego, CA.

Pejic, S. R., Baron, L., **Chan, K.**, & Deska, J. C. (April, 2023). Narrow prototypes of Asian subgroups in the United States: Implications for the #StopAsianHateMovement. Poster presented to the 94th Annual Midwestern Psychological Association Conference, Chicago, IL.

Chan, H.W., Xiao, N. G (March, 2023). Children's biased perceptual and social processing of different race faces. Poster accepted to the 23rd Biennial Society for Research in Child Development Conference, Salt Lake City, UT.

Pejic, S. R., Baron, L., **Chan, K.**, & Deska, J. C. (February, 2023). Narrow prototypes of Asian subgroups in the United States: Implications for the Stop Asian Hate Movement. Poster presented to the 23rd Annual Meeting of the Society of Personality and Social Psychology, Atlanta, GA.

Chan, H. W., Li, J., & Xiao, N. G. (July, 2022). Automating Participant Recruitment and Research Management. Poster presented at the XXIII Biennial International Conference on Infant Studies, Ottawa, ON.

Swierczek, K., **Chan, K.** & Woolhouse, M. H. (November, 2021). Slicing Up Music: Computational Approaches. Poster presented at the 17th Annual NeuroMusic Conference, McMaster University, Canada.

Swierczek, K., Delle Grazie, M., **Chan, K.** & Woolhouse, M. H. (November, 2020) Unlocking Key: A Formal Cognitive Model. Poster presented at the 16th Annual NeuroMusic Conference, McMaster University, Canada.

RESEARCH EXPERIENCE

Research Assistant | McMaster Baby Lab

June 2020-August 2022

Supervisor: Dr. Gabriel (Naiqi) Xiao

- Trained undergraduate students about how to recruit participants and conduct studies
- Spearheaded and developed a training program and manual for all members and faculty in the Psychology department on how to use the lab's participant recruitment and management system (DRDB)

Research Assistant | Digital Music Lab

Feb 2019-May 2022

Supervisor: Dr. Matthew Woolhouse

- Developed a program using Python and Music21 to expand the Event Attraction model and increase its accuracy and capacity to calculate event attraction in musical scores
- Programmed additional tools to supplement the Event Attraction model: Roughness calculator, Key Attraction program, and Chroma Attraction program

Senior Honors Thesis

Supervisor: Dr. Gabriel Naiqi Xiao

- Children's Perceptual and Racial Biases for Varying Other Race Faces

Marketing and Communications Fellow | Viamo

May 2020–Aug 2020

- Analyzed marketing data of various social media platforms (Facebook, LinkedIn, and Twitter) to improve and develop new marketing campaigns
- Conducted market research to create public policy regarding the Black Lives Matter Movement

TEACHING AND MENTORING EXPERIENCE

Toronto Metropolitan University

Graduate Assistantships

- Introduction to Psychology (Supervisor: Margot Sullivan PhD)
- Psychology and Design (Supervisor: Paolo Ammirante)

Faculty of Arts' Academic Support Coach

Oct 2022 – Present

- Providing one-on-one coaching sessions with undergraduate students to develop effective study strategies

FYEO Student Success Coach

May 2023 – Present

- Developing a student website for learning strategies and delivering workshops
- Delivering group and individual mentoring sessions to undergraduate students

McMaster University

Integrated Writing Mentor

2020-2021

- Mentored second year students in scientific writing which involved leading weekly editing sessions, preparing presentations, and collaborating with other mentors

Graduate Courses

- Statistics and Research Design I
- Statistics and Research Design II
- Psychology Seminar
- Socio-Cognitive Development
- Applied Translational Research Methods
- Qualitative Research Methods

SKILLS

- **Technical:** Python, R Studio, HTML, CSS, JavaScript, Music21
- **Programs:** Miro, Figma, Maze, Qualtrics, PsychoPy, Microsoft Office, Final Cut Pro, Adobe Premiere Pro, WordPress
- **Methodologies:** Eye-tracking, Mouse tracking
- **Languages:** English, Cantonese, French: Basic, Mandarin: Basic, Spanish: Basic