

EDUCATION

- **MS/PhD Student in Cognition and Brain Sciences** *Georgia Institute of Technology, US*
Advisor: Dr. Dobromir Rahnev *2023 - Present*
- **MPhil in Cognitive Psychology/Neuroscience** *The University of Hong Kong, HK*
Thesis: From Parts, Whole, to Recognition in Face and Ensemble Processing. *2021-2023*
Advisor: Prof. Janet Hsiao & Prof. William Hayward
- **BSSc(Hons) in Psychology** *Hong Kong Shue Yan University, HK*
CGPA: 3.86/4; Ranked 1st/74 graduates *2018-2021*
Thesis: The Role of Spatial Attention in Orientation Ensemble Perception.
Advisor: Dr. Alex Li

AWARDS & SCHOLARSHIPS

- **Postgraduate Scholarship (2021-2023)**; Cover full costs of graduate studies in The University of Hong Kong
- **Academic Programme Achievement Award (2021)**; Hong Kong Shue Yan University
- **Outstanding Performance Scholarship (2021)**; Self-Financing Post-Secondary Scholarship Scheme, HKSAR
- **President's List (2019 & 2020)**; Hong Kong Shue Yan University

MEMBERSHIPS

- Vision Science Society

RESEARCH EXPERIENCES

- **Graduate Research Assistant** *Georgia Institute of Technology*
PI: Dr. Dobromir Rahnev *2023-Present*
- **Graduate Student** *The University of Hong Kong*
PI: Prof. Janet Hsiao & Prof. William Hayward *2021-2023*
- **Part-time Student Helper** *Hong Kong Shue Yan University*
PI: Dr. Alex Li *2019-2021*
- **Research Internship** *Hong Kong Shue Yan University*
PI: Dr. Alex Li *2019-2020*
- **Student Helper → Part-Time Research Assistant II** *The Education University of Hong Kong*
PI: Dr. Eva Chung *2019-2020*
- **Part-Time Research Assistant** *Tung Wah College*
PI: Dr. Mabel Yau *2017-2019*

PUBLICATIONS, CONFERENCES, & PRESENTATIONS

Working Papers

1. **H. Fung**, J.Hsiao, & W.G. Hayward. (in prep) Illusory Conjunctions in the Face.
2. **H. Fung**, J.Hsiao, & W.G. Hayward. (in prep) Individual differences in eye movements and perceptual averaging mechanisms.
3. K. Xue, **H. Fung**, & D. Rahnev. (in prep) Dissociable effects of stimulus reliability and boundary distance on confidence and accuracy.
4. **H. Fung**, M. Shekhar, K. Xue, M. Rausch & D. Rahnev. (in prep) Similarities and differences in the effect of different stimulus manipulations on accuracy and confidence.

Submitted Conference Presentation

1. **H. Fung** & D. Rahnev (2024) Different stimulus manipulations produce dissociable confidence-accuracy relationships, VSS2024, Florida. (Talk Presentation)
2. W.G. Hayward, **H. Fung**, & J. Hsiao, (2024) Individual differences in eye movements and perceptual averaging, VSS2024, Florida. (Poster Presentation)

3. **H. Fung**, J. Hsiao, & W.G. Hayward. (2023) Illusory Conjunction in Faces, VSS2023, Florida. (Poster Presentation)
4. **H. Fung**, J. Hsiao, & W.G. Hayward. (2022) From Parts, Whole, to Recognition: The Attentional Mechanism of Holistic Face Processing. 8th Departmental Research Postgraduate Symposium, The University of Hong Kong, Hong Kong. (Talk Presentation)
5. M.Y.C. Yau, **H.H.Y. Fung**, Z.O.Y. Cheng, R. Kaur, N.N. Chan, P.L. Tang, & M.C.C. Kuo. (2018) The Effect of Multisensory Stimulations on Depressive Symptoms and Psychological well-being of Mildly Cognitive Impaired Institutionalized Elderlies – A Pilot Study. International Alzheimer’s Disease Conference, Hong Kong. (Poster Presentation)

Invited Talk

1. Jun 14, 2024 – Similarities and differences in the effects of different stimulus manipulations on confidence and accuracy; presented in the Vision Cognition Computation Lab (Murty Lab) at Georgia Institute of Technology.
2. Nov 15, 2023 – Modelling perceptual average with eye-tracking data; presented in the Brown Bag Lunchtime Seminar at Georgia Institute of Technology.
3. May 20, 2022 – The Cognitive Mechanism of Ensemble Perception; presented in the Brown Bag Lunchtime Seminar in The University of Hong Kong.

REVIEWING

- Ad hoc reviewer of submitted manuscripts: CogSci2024, CogSci2023

TEACHING

- **GTA of PSYC2240 – Personality Theory (Fall 2023)**; Georgia Institute of Technology
 - Held office hours, graded assignments, assisted in creating exam questions and rubrics
 - Average Course Evaluation Score: 4.81/5.
 - Highlighted Feedbacks from students: *Their greatest strength is clarity and willingness to communicate, as well as being knowledgeable on the subjects at hand; Easy to schedule a meeting with; I cannot think of any needed improvements.*
- **Tutor of PSYC3068 – Advanced Cognitive Psychology (Spring 2022)**; The University of Hong Kong
 - Responsible for preparing tutorial’s materials, tutoring, and grading assignments for a class of 24 senior year students. Initiated two practical workshops on PsychoPy experiment building and behavioral data analysis
 - Highlighted Feedbacks from students: *Very engaging, honest, concise, & has taught practical contents; Tutorials were interesting and stimulating with various topics and discussions; When discussing research papers, he displays clear and organized notes on the screen which helps slow learners like myself understand the research better; He is really supportive and responsive.*
- **Tutor of PSYC2007 – Cognitive Psychology (Fall 2021)**; The University of Hong Kong
 - Responsible for preparing tutorial’s materials, tutoring, and grading assignments for a class of 45 junior year students.
 - Highlighted Feedbacks from students: *Fun classes; He always teaches in an entertaining way with lots of demonstrations; Willing to help and have a good organization in class*
- **Certificate in Teaching & Learning in Higher Education**; Centre for the Enhancement of Teaching and Learning, The University of Hong Kong

UNIVERSITY & COMMUNITY SERVICES

- **Demonstration at the Atlanta Science Festival**;
- **Student Representative (2018-2021)**; Department of Counselling & Psychology, Hong Kong Shue Yan University.
 - Gathered and summarised classmates’ opinions about their learning experience and presented it in the departmental meeting.

SKILLS

- **Programming/Scripting/Web**: Python, R, MATLAB, HTML/CSS/JS, L^AT_EX, Bash
- **Statistics**: Python, R, SPSS, JAMOVI, Proficient in performing: Power analysis, t-tests, ANOVAs, regression analysis, mediation & moderation, factor analysis, structural equation modelling, bayesian analysis, psychometric curve fitting, & bootstrapping
- **Neuroimaging/Neurostimulation**: Designing and conducting EEG-ERP and tDCS experiments, performing EEG signal preprocessing and univariate analysis, familiar to electrode placement system; TMS certification in consenting participants, setting up equipment and obtaining motor threshold
- **General Lab Skills**: Designing and coding Behavioral Experiments with PsychoPy, jsPsych, & E-prime. Literature searches and review, data collection, analysis, and visualization
- **Human Subjects Data Collection**: Obtaining informed consent, medical record review, recruitment & scheduling of participants, taking psychophysiological signals, specimen collection
- **General IT**: Microsoft Windows, MacOS, UNIX, Microsoft Office Suite, Zotero, Vim, photo editing with GIMP, video editing with Davinci Resolve, and audio editing with Audacity & Cakewalk
- **Language & Communication**: Native proficiency in Chinese Cantonese, Bilingual proficiency in English, Professional working proficiency in Chinese Mandarin, Strong communication skills, especially with people of different ages and people with medical and psychiatric conditions (i.e., ASD, ADHD, Cognitive Impairment, Depression, etc.)

REFEREES

- **Dr. Dobromir Rahnev:** rahnev@psych.gatech.edu
- **Prof. William Hayward:** willhayward@ln.edu.hk
- **Prof. Janet Hsiao:** jhhsiao@ust.hk
- **Dr. Alex Li:** woli@hksyu.edu.hk
- **Dr. Nicolson Siu:** nicsiu@ust.hk