

Chiu-Yueh Chen

RESEARCHER

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EXPERIENCE

Researcher

KU Leuven

Oct 2017 – Present

- Published a registered report in a peer-reviewed journal
- Programmed for statistical analysis and data visualization, by applying multivariate analysis to fMRI activation pattern and EEG temporal pattern
- Obtained funding for four years and one year to support dissertation writing

Teaching Assistant

KU Leuven

2019 – 2021

- Responsible for tutoring and assessing over 10 groups of master students for programming in Python
- Providing direction to Psychology master students and responding flexibly to each project, specifically on stimulus presentation and data collection

Research Assistant

National Cheng Kung University

Mar 2016 – Aug 2017 (1 year, 5 months)

Sep 2013 – Aug 2015 (1 year, 11 months)

Oct 2010 – Aug 2011 (10 months)

- Started a new research line, Neuroeconomics, by adapting the economical models to fMRI research, then published on Scientific Reports
- Designed brain imaging studies with cutting-edge analysis: fMRI
- Collected neuroimaging and behavioral data, especially fMRI signal
- Performed data visualization
- Presented at 2 international conferences

ABOUT ME

I thrive on challenges, and one that particularly excites me is completing a full marathon by setting and achieving ambitious goals. In my academic pursuits, I am deeply passionate about utilizing non-invasive neuroimaging techniques to investigate complex questions related to the human brain.



[Click here for my publications](#)

[Click here for my Github](#)

RELEVANT SKILLS

- fMRI data analysis: CoSMoMVPA, SPM, MrVista, and BrainVoyager QX
- Experiment design: PsychToolbox, PsychoPy
- Statistical analysis: SPSS, MATLAB

EDUCATION



Doctoral student in Brain and Cognition

KU Leuven

Expected Year of Graduation: 2023

- Awardee, Taiwanese Overseas Pioneers Grant, 2022–2023; total: ~28,000€. Funded by the National Science and Technology Council of Taiwan,
- Awardee, *KU Leuven – Taiwan Scholarship Programme*, 2017–2021; total: ~100,000€. Funded by KU Leuven and the Taiwanese Ministry of Education, with an annual maintenance stipend each year.



Master of Science in Cognitive Science

National Cheng Kung University

Year of Graduation: 2013

- Title: *"Interaction between Face and Expert Object Recognition: a Study on Bird Expertise"*



Bachelor of Science in Clinical and Counseling Psychology

National Dong Hwa University

Year of Graduation: 2010

- Awardee, *Governmental Scholarship*, 2009; total: 100,000 NTD
- Attended *Workshop on Cognitive Science: From Cellular Mechanisms to Computational Theories*, Beijing, China