

# Chiu-Yueh Chen

## POST-DOCTORAL RESEARCHER

Centre de Recherche en Neurosciences de Lyon  
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## EXPERIENCE

### Post-doctoral researcher

#### Integrative Multisensory Perception Action and Cognition Team-ImpAct

Feb 2024 – present

- *Expanding the study scope from vision to sensory aspect, particularly focusing on touch localization in the somatosensory cortex.*
- *Developing experimental designs for functional MRI studies.*

### Teaching Assistant

#### KU Leuven

2019 – 2021

- *Provided guidance and assessment to more than 10 groups of Psychology master's students on programming in Python, with a specific focus on stimulus presentation and data collection.*
- *Offered direction and adapted flexibly to over 10 different projects to help students achieve their learning objectives effectively.*

### 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)

- *Initiated a new research area in Neuroeconomics by acquiring economic models and applying them to a psychological experimental setting.*
- *Resolved coding issues for the master's students and the MRI center by developing solutions to trigger MRI scans.*

## ABOUT ME

Over the years, I have dedicated myself to understanding how the brain makes sense of the world. I am someone who thrives on challenges, and one of my most thrilling goals is to complete a full marathon by setting ambitious targets and achieving them.

Academically, I am deeply passionate about using non-invasive neuroimaging methods, particularly fMRI, to investigate how humans process multi-sensory inputs and unravel the complexities of the human brain.

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## RELEVANT SKILLS

- fMRI data analysis: multi-variate pattern analysis (MVPA), representational similarity analysis (RSA), CoSMoMVPA, SPM, MrVista, and BrainVoyager QX
- Experiment design: PsychToolbox, PsychoPy
- Statistical analysis: SPSS, MATLAB

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## EDUCATION

KU LEUVEN

### Doctor in Psychology

December 18, 2023

KU Leuven

Leuven, Belgium

- Thesis title: *Object learning and visual category representations in the human brain*. Supervisor: Hans Op de Beeck.
- 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

June, 2013

National Cheng Kung University

Tainan, Taiwan

- Thesis title: *Interaction between Face and Expert Object Recognition: a Study on Bird Expertis*. Advisor: Chun-Chia Kung.



### Bachelor of Science in Clinical and Counseling Psychology

June, 2010

National Dong Hwa University

Hualien, Taiwan

- Travel awardee, Governmental Scholarship, 2009; total: 100,000 NTD. The Workshop on Cognitive Science: From Cellular Mechanisms to Computational Theories in Beijing, China.

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## ADDITIONAL INFORMATION



[Published articles](#)

R<sup>G</sup>

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