

# Kuo-Wei Chen

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## EDUCATION

**National Dong Hwa University**, B.S. in Psychology — Hualien, Taiwan 2015 – 2019

*Thesis: The Influence of Achievement Motivation and Risk Preference on Frame Effect*

(Advisor: Dr. Shih-Kuang Chiang)

### GRE Test Scores – (April 2021)

- Verbal: 155 Quantitative: 167 Analytical Writing: 4.0

## RESEARCH EXPERIENCE

**Dr. Tony Szu-Hsien Lee's Lab**, National Taiwan Normal University 2019 – 2020

Research Assistant (Advisor: Dr. Tony Szu-Hsien Lee)

Research focus: The ketamine exposure effects to teenagers' higher cognitive function, brain structural and functional change

Duties: Programmed Presentation experiments, interviewed participants, collected behavioral data, pre-processed data, analyzed data using SPSS

**Cognitive Neuropsychology Lab, Department of Psychology**, National Dong Hwa University 2017 – 2018

Undergraduate Research Assistant (Advisor: Dr. Shiau-Hua Liu)

Duties: Assisted undergraduate students in designing E-Prime experiments, assisted with EEG study and data collection

Results: Compiled E-Prime and PsychoPy operating manual.

## PEER-REVIEWED JOURNAL PUBLICATION

Chao, E., **Chen, K. W.**, & Lee, T. S. H. (2021). Trends of anxiety and performance of preventive measures among Taiwanese citizens during COVID-19 pandemic. *Taiwan Journal of Public Health*, 40(1), 83-96. [https://doi.org/10.6288/TJPH.202102\\_40\(1\).109115](https://doi.org/10.6288/TJPH.202102_40(1).109115) (in Mandarin)

## SKILLS

**Experiment Tool:** Electroencephalography (EEG)

**Programming Languages:** Python, SQL, R, C, Presentation, E-Prime, PsychoPy, SPSS, Mplus

**Statistical Analyses:** ANOVAs, Jonckheere's trend test

## LANGUAGES

Mandarin (native), English (fluent)

## TRAININGS

### Workshop

- **R Programming – Application in Social Science**, Taiwan Psychological Association 2019

### Coursera

- **Exploratory Data Analysis with MATLAB**, MathWorks 2021
- **Introduction to Calculus**, University of Sydney 2021
- **Computational Thinking for Problem Solving**, University of Pennsylvania 2020
- **Python for Everybody**, University of Michigan 2020

## VOLUNTEER EXPERIENCE

**National Taiwan Normal University Center of Research Ethics — Taipei, Taiwan**

2019 – 2020

- Assisted the secretaries in organizing materials of received cases
- Assisted the secretaries in preparation of meetings
- Assisted the secretaries in making certificate of approval

**Taiwan Root — Taipei, Taiwan**

2015 – 2018

- Assisted physicians in providing free medical service in rural areas
- Organizing and allocating supplies