

Chi-Lin Yu

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EDUCATION

National Cheng Kung University (NCKU), (Tainan, Taiwan)

2012~2016

Degree: B.S. Psychology

PROFESSIONAL EXPERIENCE

National Cheng Kung University, Dept. of Psychology (Tainan, Taiwan)

- *Position: Research Assistant, Language Acquisition and Cognitive Development Laboratory*
- Developed fMRI study to investigate the mechanism of Theory of mind, empathy and their relationships with humor processing.
- Pioneered Taiwan's NIRS researches of social neuroscience to establish the hypothesis of social cognition ability in human.
- Used embodied perspective and experimental psychological methods to investigate semantic properties and dimensions of emotion words.
- Designed developmental experiments to probe the interaction between Theory of mind, empathy and social development.
- *Mentor: Prof. Jon-Fan Hu, PhD*

National Cheng Kung University, Dept. of Psychology (Tainan, Taiwan)

- *Position: Research Assistant, Cognitive and Affective Neuroscience Lab*
- Developed hyper-scanning fMRI paradigm to investigate the neuroscience of social interaction.
- Investigating the relationship between perspective taking and emotion processing using social interaction experiments.
- Probing the underlying mentalizing processes and cognitive abilities of playing Chinese Go from the experimental psychology perspective.
- *Mentor: Prof. Der-Yow Chen, PhD*

National Cheng Kung University, Dept. of Psychology (Tainan, Taiwan)

- *Position: Teaching Assistant*
 - Cognitive Neuroscience Course, *Mentor : Prof. Shu-Lan Hsieh, PhD*
 - Assessment Practicum Developmental Psychology Course, *Mentor : Prof. Jon-Fan Hu, PhD*
 - Seminar on Emotion and Memory Course, *Mentor : Prof. Der-Yow Chen, PhD*
- *Position: Research Collaborator*
 - Developing exploratory graphical tools for ERP and NIRS data analysis, *Mentor: Prof. Ching-Fan Sheu, PhD*
 - Investigating the neural basis of Zhong-Yong thinking in the regulation of negative emotion from social cognitive neuroscience perspective, *Mentor: Prof. Li-Fang Chou, PhD*
 - Applying machine learning algorithms to resting state NIRS data for predicting human cognitive abilities, *Mentor: Prof. Po-Hsien Huang, PhD; Prof. Hsin-Chin Chen, PhD*

JOURNAL PUBLICATIONS

Chi-Lin Yu, Min-Ying Wang, Jon-Fan Hu. (2016) “Valence Processing of First Impressions in the Dorsomedial Prefrontal Cortex: A Near- Infrared Spectroscopy Study”, *NeuroReport*.

Chi-Lin Yu, Jon-Fan Hu, et al. (under revision) “The Impact of Facial Expressions On the Rating of Valence, Arousal, and Typicality for Positive and Negative Emotion Words : An Embodied Cognition Approach”

Jon-Fan Hu, **Chi-Lin Yu**, et al. (under review) “The Role of Theory of Mind Ability in Verbal Humor Comprehension: A functional magnetic resonance imaging study”

➤ As co-first author

Jon-Fan Hu, **Chi-Lin Yu**, et al. (under revision) “The Development of Chinese version of Empathy Quotient”

Chi-Lin Yu, Jon-Fan Hu, et al. (under revision) “The Impact of Facial Expression on the Semantic Judgment of Basic Level Properties in Predicting Typicality for Positive and Negative Emotion Words”

Sau-Chin Chen, Jon-Fan Hu, **Chi-Lin Yu**. (under revision) “Evaluate Simulation Effect of Motor Experiences in Sentence Reading”

Chi Lin Yu, Min-Ying Wang, Jon-Fan Hu. (in preparation) “Early Development of the Relationship between Empathy and Theory of Mind”

➤ As co-first author

Chi-Lin Yu, Ching-Fan Sheu. (in preparation) “Using R to explore ERP data”

Chi-Lin Yu, Po-Hsien Huang, Hsin-Chin Chen. (in preparation) “Resting-State Functional Connectivity Based on Near Infrared Spectroscopy (NIRS) Reflects Human Cognitive Ability: two cultures for statistical modeling”

Li-Fang Chou, **Chi-Lin Yu**, et al. (in preparation) “The Critical Role of Zhong-Yong thinking in the Regulation of Negative Emotion: A Social Cognitive Neuroscience Approach”

I-Ting Cheng, Chun-Hsuan Chiu, **Chi-Lin Yu**, and Jon-Fan Hu (in preparation) “The development of recognition of emotional facial expressions and the use of emotional words in preschoolers”

CONFERENCE PUBLICATIONS AND PRESENTATIONS

Chi-Lin Yu, Ching-Fan Sheu, et al. (2016) “Using R to explore ERP data”, will be presented as oral presentation in a symposium of 46th annual meeting of the Society for Computers in Psychology (SCiP).

Chi-Lin Yu, et al. (2015) “The Role of Dorsomedial Prefrontal Cortex in Impression Formation: A Near Infrared Spectroscopy Study”, presented as oral presentation in a symposium of 54th Annual Taiwan Psychology Association Meeting.

Chi-Lin Yu, et al, (2015) “Using false belief task to explore the effect of empathy situation on theory of mind function”, presented as poster at the 37th Annual Cognitive Science Society Meeting.

Ching Chu, **Chi-Lin Yu**, et al, (2015) “An Embodied Cognition Approach to Studying Emotional Words:The Impact of Positive Facial Experiences on Semantic Properties Judgment”, presented as poster at the 37th Annual Cognitive Science Society Meeting.

Yueh-Lin Tsai, **Chi-Lin Yu**, et al, (2015) “The differences of semantic features between Chinese concrete, abstract, and emotional concept”, presented as poster at the 37th Annual Cognitive Science Society Meeting.

Ya-Yun Chuang, **Chi-Lin Yu**, et al. (2015) “An Embodied Cognition Approach to Studying the Impact of Negative Facial Experiences on Semantic Properties of Emotional Words”, presented as poster at the 8th Annual Conference on Embodied and Situated Language Processing.

Sau-Chin Chen, Jon-Fan Hu, Ya-Yun Chuang, Ching Chu, **Chi-Lin Yu**, (2015) “Releasing Strength in Imagination Constructs Implicit Association of Simulated Action and Response Index”, presented as poster at the 8th Annual Conference on Embodied and Situated Language Processing.

AWARDS & HONORS

2016 NCKU President Wei-Noon Wang Memorial Scholarship

2016 KYMCO Scholarship for outstanding student

2016 Ren-Da Industrial Park outstanding student scholarship

2016 Rank 1st in the class of junior in NCKU psychology department in 2015~2016 academic year

2015 The title of outstanding student for the academic achievement

2015 Rank 1st in the class of junior in NCKU psychology department in 2014~2015 academic year

2015 Tainan True Jesus Church outstanding student scholarship

2015 Taiwan Ministry of Science and Technology Research Scholarship (Students : Min-Ying Wang, Chi-Lin Yu, et al; Project Number : 104-2815-C-006 -149 -H)

2014 Tainan True Jesus Church outstanding student scholarship

2014 The second place award of posters in the Experimental Psychology Course

SKILLS

Languages: Mandarin (Native Fluency); English/ Taiwanese (Excellent Fluency)

Experimental skill: fMRI and NIRS experimental design, operate and analysis.

Computer programing: R, SPM8, E-PRIME, HOMER, Oro.Nifti, ANTsR, fsLR

SELECTED EXTRACURRICULAR

2016 Valedictorian, Department of Psychology, NCKU

2015 Chief Counselor, Psychology Summer Camp, NCKU

2015 Volunteer Assistant, The 7th Annual Taiwan Association of Clinical Psychology Meeting

2015 Symposium Student for resting state fMRI, Mind Research and imaging center, NCKU

2015 Symposium Student for Cognitive Neuroscience of Aging, Mind Research and imaging center, NCKU

2014 Activity Leader, The Night of Psychology, NCKU

2014 Execute Officer, Psychology Freshman Camp, NCKU

2014 Chief Counselor, Kaohsiung Area Alumni Association, NCKU

2013 Leader, The Week of Psychology, NCKU

2013 Member, Students Association in department of psychology, NCKU

2013 Program Director, Psychology Summer Camp, NCKU