

# Chi-Lin Yu

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2020 East Hall, Department of Psychology, University of Michigan, 530 Church St, Ann Arbor, MI 48109  
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## EDUCATION

University of Michigan (UM), Ann Arbor, United States 2019/9-2024/8(Expected)

Degree: Ph.D. Psychology, Developmental Area

National Taiwan University (NTU), Taipei, Taiwan 2017/2-2018/6

Degree: M.S. Psychology (Thesis: “*Neural Correlates of Theory of Mind in Typically Developing Youths and Youths with Autism Spectrum Disorder*”)

National Cheng Kung University (NCKU), Tainan, Taiwan 2012/9-2016/7

Degree: B.S. Psychology

## RESEARCH INTERESTS

I focus on social cognition in children and adults via behavioral experiments, neuroimaging techniques, psychometric and statistics, and computational modeling. Specific topics include the underlying mechanism of Theory of Mind (ToM), the development of ToM, and how ToM becomes dysfunctional in clinical populations.

## PUBLICATIONS

1. **Yu, C. L.** & Wellman, H. M. (In Press). All Humans Have a “Theory of Mind.” *Journal of Autism and Developmental Disorders*.
2. Wellman, H. M., & **Yu, C. L.** (In Press). Theory of Puppets or Theory of Mind? Misunderstanding How Children Construe Puppets in Psychological Research: A Commentary on Packer and Moreno-Dulcey (2022). *Cognitive Development*.
3. Sun, X., Marks, R., Eggleston, R., Zhang K., **Yu, C. L.**, Nickerson, N., Caruso, V., Chou., T., Hu., X. S., Tardif, T., Booth, J.R., Beltz, A.M., & Kovelman, I. (In Press). Bilingual Proficiency Enhances Neural Network Density: Sources of Heterogeneity in Children’s Functional Connectivity during English Word Processing. *Neurobiology of Language*.
4. Sun, X., Marks, R., Eggleston, R., Zhang, K., Lau, C., **Yu, C. L.**, Nickerson, N., Kovelman, I. (In Press). Impacts of the COVID-19 Disruption on the Language and Literacy Development of Monolingual and Heritage Bilingual Children in the United States. *Reading and Writing*.
5. Marks, R., Labotka, D., Sun, X., Nickerson, N., Zhang, K., Eggleston, R., **Yu, C. L.**, Uchikoshi Y., Hoeft F., Kovelman, I. (In Press). Morphological Awareness and its Role in Early Word Reading in English Monolinguals, Spanish–English, and Chinese–English Simultaneous Bilinguals. *Bilingualism: Language and Cognition*.
6. Sun, X., Marks, R., Zhang, K., **Yu, C. L.**, Eggleston, R., Nickerson, N., Chou, T.L., Hu, X. S., Tardif, T., Satterfield, T., & Kovelman, I. (In Press) Brain Bases of English Morphological Processing: A Comparison between Chinese-English, Spanish-English Bilingual, and English Monolingual Children. *Developmental Science*.
7. **Yu, C. L.** & Wellman, H. M. (2022). Young Children Treat Puppets and Dolls Like Real Persons in Theory of Mind Research: A Meta-analysis of False-belief Understanding across Ages and Countries. *Cognitive Development*, 63, 101197.
8. Marks, R. A., Eggleston, R. L., Sun, X., **Yu, C. L.**, Zhang, K., Nickerson, N., Hu, X. S., & Kovelman, I. (2022). The neurocognitive basis of morphological processing in typical and impaired readers. *Annals of Dyslexia*, 72(2), 361–383.

9. Sun, X., Zhang, Z., Marks, R., Karas, Z., Eggleston, E., Nickerson, N., **Yu, C. L.**, Wagley, N., Hu X., Caruso, V., Chou, T.-L., Satterfield, T., Tardif, T., Kovelman, I. (2022). Morphological and Phonological Processing in English monolingual, Chinese-English bilingual, and Spanish-English Bilingual Children: An fNIRS Neuroimaging Dataset. *Data in Brief*, 42, 108048.
10. Sun, X., Zhang K., Marks, R., Nickerson, N., Eggleston, R., **Yu, C. L.**, Chou., T., Tardif, T., & Kovelman, I. (2022). What's in a Word? Cross-linguistic Influences on Spanish-English and Chinese-English Bilingual Children's Word Reading Development. *Child Development*, 93(1), 84-100.
11. **Yu, C. L.**, Kovelman, I., & Wellman, H. M. (2021). How Bilingualism Informs us about Theory of Mind Development. *Child Development Perspectives*, 15(3), 154-159.
12. **Yu, C. L.**, Stanzione, C. M., Wellman, H. M., & Lederberg, A. R. (2021). Theory of Mind Development in Young Deaf Children with Early Hearing Provisions. *Psychological Science*, 32(1), 109-119.
13. **Yu, C. L.**, Chen, C. C., Yang, Z. Y., & Chou, T. L. (2020). Multi-Time Points Analysis: A Time Course Analysis with Functional Near-Infrared Spectroscopy. *Behavior Research Methods*, 52(4), 1700-1713.
14. Chen, D. Y., **Yu, C. L. (co-first)**, Su, C. W., Liao, K. H., & Hsiao, H. Y. (2019). Cognitive Abilities in the Game of Go during the Opening, Middle, and Endgame Phases: When Experimental Psychology Meets Artificial Intelligence. *Chinese Journal of Psychology*, 61(3), 173-196.
15. **Yu, C. L.**, & Chou, T. L. (2018). A Dual Route Model of Empathy: A Neurobiological Prospective. *Frontiers in Psychology*, 9(2212), 1-5.
16. **Yu, C. L.**, & Sheu, C. F. (2018). EFAshiny: An User-Friendly Shiny Application for Exploratory Factor Analysis. *Journal of Open Source Software*, 3(22), 567.
17. **Yu, C. L.**, Wang, M. Y., & Hu, J. F. (2016). Valence processing of first impressions in the dorsomedial prefrontal cortex: a near-infrared spectroscopy study. *NeuroReport*, 27(8), 574-579.

## WORK IN PROGRESS

- **Yu, C. L.**, Lee, S., Wellman, H. M., & Olson S. L. (Under Revision). Theory of Mind and Executive Function Underlie Childhood Psychotic Symptoms.
- **Yu, C. L.** & Wellman, H. M. (In Submission). Where Do Differences in Theory of Mind Development Come from? An Agent-Based Model of Social Interaction and Theory-of-Mind.
- **Yu, C. L.**, Eggleston, R., Zhang, K., Nickerson, N., Sun, X., Marks, R., Hu, X.S., Brennan, J.R., Wellman, H. M., & Kovelman, I. (In Submission) Neural Processing of Children's Theory of Mind in a Naturalistic Story-Listening Paradigm.

## SELECTED PRESENTATIONS

- **Yu, C. L.** & Wellman, H. M. (2022, April). *Young Children Treat Puppets (and Dolls and Pictures) Like Real Persons*. Poster presented at the 2022 Biennial Meeting of the Cognitive Development Society (CDS), Madison.
- **Yu, C. L.**, Eggleston, R., Kovelman, I., & Brennan, J. (2022, April). *Using functional near-infrared spectroscopy to study developmental aspects of naturalistic narrative comprehension*. Symposium presentation at the 2022 Biennial Meeting of the Cognitive Development Society (CDS), Madison.
- **Yu, C. L.**, Heng, J., Wellman, H. M. (2021, April). *A Meta-Analysis of Progressions in Theory-of-Mind Understandings: Theory of Mind Scale Findings Across Different Contexts - An Initial Exploration*. Symposium presentation at the 2021 Biennial Meeting of the Society for Research in Child Development (SRCD), Virtual.
- **Yu, C. L.**, Lee, S., Wellman, H. M., & Olson S. L. (2021, April). *Theory of Mind and Executive Function Underlie Childhood Psychotic Symptoms*. Poster presented at the 2021 Biennial Meeting of the Society for Research in Child Development (SRCD), Virtual.
- **Yu, C. L.**, Sun, X., Zhang, K. H., Kim, J., Marks, R., Nickerson, N., Kovelman, I. (2020, October). *Cross-Language Neural Interconnection of Phonological Awareness and Morphological Awareness in Simultaneous*

*Chinese-English Bilingual Children*. Poster presented at the 12th Annual Meeting of Society for the Neurobiology of Language (SNL), Virtual.

– **Yu, C. L.**, Lee, S. H., Chen T., & Liao, C. C. (2019, June). *The Influence of Family Reading History on Chinese Classifier Processing: An fMRI Study*. Poster presented at the 2019 Annual Meeting of Organization for Human Brain Mapping (OHBM), Rome.

– **Yu, C. L.**, Lee, S. H., Gau S., & Chou, T. L. (2018, June). *Aberrant Neural Organization of Theory of Mind in Youths with Autism*. Poster presented at the 2018 Annual Meeting of Organization for Human Brain Mapping (OHBM), Singapore.

– **Yu, C. L.**, & Sheu, C. F. (2017, November). *EFAshiny: A shiny application for exploratory factor analysis*. Poster presented at 47th annual meeting of the Society for Computers in Psychology (SCiP), Vancouver.

– **Yu, C. L.**, Causeur, D., Shen, I. H., & Sheu, C. F. (2016, November). *Using R to explore ERP data*. Symposium presentation at the 46th annual meeting of the Society for Computers in Psychology (SCiP), Boston.

– **Yu, C. L.**, Wang, M. Y., Chen, P. W., Yap, J. Y., Chang, J. S., Hsiao, Y. R., & Hu, J. F (2015, July). *Using false belief task to explore the effect of empathy situation on theory of mind function*. Poster presented at the 37th Annual Cognitive Science Society Meeting (CogSci), Pasadena.

## **AWARDS & FELLOWSHIPS**

2022 The Workshop Funds for the Summer Program in Quantitative Methods of Social Research

2021 The Diversity Scholarship for the Summer Program in Quantitative Methods of Social Research

2021 The Lorraine Nadelman Early Graduate Student Research Award

2021 Rackham International Student Fellowship and the Chia-Lun Lo Fellowship

2020 Best Paper Award for Chinese Journal of Psychology in 2019 Academic Year

2019 Weinberg Institute for Cognitive Science Graduate Fellowship

2018 Taiwan Government PhD Scholarship for Studying Abroad: 4 years funding for studying PhD in the U.S.

2018 Best Paper Award for the Annual Meeting of Taiwanese Society of Child and Adolescent Psychiatry

2018 Taiwan Ministry of Science and Technology International Conference Travel Grant

2016 National Cheng Kung University President Wei-Noon Wang Memorial Scholarship

2015 Outstanding Student for the Academic Achievement at National Cheng Kung University

2015 Taiwan Ministry of Science and Technology Research Scholarship

## **TEACHING EXPERIENCE**

2022 Primary Instructor, Statistics and Data analysis.

2021 Graduate Student Instructor, Psychometric Theory, Mentor: Prof. Matthew Diemer

2020 Graduate Student Instructor, Introduction to Developmental Psychology, Mentor: Dr. Kathleen Jodl

2018 Teaching Assistant, Brain and Language, Mentor: Prof. Tai-Li Chou

2017 Teaching Assistant, General Psychology, Mentor: Prof. Tai-Li Chou

2016 Teaching Assistant, Cognitive Neuroscience, Mentor: Prof. Shu-Lan Hsieh

2016 Teaching Assistant, Assessment Practicum Developmental Psychology, Mentor: Prof. Jon-Fan Hu

2016 Teaching Assistant, Seminar on Emotion and Memory, Mentor: Prof. Der-Yow Chen

## **JOURNAL REVIEWER**

- Advances in Methods and Practices in Psychological Science
- Journal of Experimental Child Psychology
- Developmental Psychology
- Journal of Psychosocial Oncology