

# Chi-Lin Yu

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## Education

- 2019–Present    Ph.D., Psychology, University of Michigan, Ann Arbor, United States  
Dissertation Title: *Developing Theory of Mind in Typically- and Atypically-Developing Children: Insights from a Variety of Interdisciplinary Methodologies*
- 2017–2018      M.S., Psychology, National Taiwan University, Taipei, Taiwan  
Thesis Title: *Neural Correlates of Theory of Mind in Typically Developing Youths and Youths with Autism Spectrum Disorder*
- 2012–2016      B.S., Psychology, National Cheng Kung University, Tainan, Taiwan

## Research Interests

I focus on social cognition in children and adults via behavioral experiments, neuroimaging techniques, psychometrics 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.

## Awards and Honors

- 2023            Hagen-Stevenson Dissertation Research Award
- 2023            University of Michigan Psychology Dissertation Grant
- 2022-2023      Workshop Funding for the Summer Program in Quantitative Methods of Social Research
- 2023            Society for Research in Child Development (SRCD) Graduate Student Travel Award
- 2023            Rackham Conference Travel Grant
- 2021            The Inter-university Consortium for Political and Social Research (ICPSR) Diversity Scholarship
- 2021            The Lorraine Nadelman Early Graduate Student Research Award

2021	Rackham International Student Fellowship and the Chia-Lun Lo Fellowship
2020	Rackham Precandidate Graduate Student Research Grant
2020	Best Paper Award for <i>Chinese Journal of Psychology</i> in 2019 Academic Year
2019	Weinberg Institute for Cognitive Science Graduate Fellowship
2018	Taiwan Government Ph.D. Scholarship for Studying Abroad: 4 years funding for studying Ph.D. in the United States
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 Academic Achievement at National Cheng Kung University
2015	Taiwan Ministry of Science and Technology Research Scholarship

## **Publications**

### **Journal Articles**

- [20] **Yu, C. L.**, Lee, S., Wellman, H. M., & Olson S. L. (*Under Revision*). Theory of Mind and Executive Function Underlie Childhood Psychotic Symptoms.
- [19] **Yu, C. L.**, & Wellman, H. M. (*Under Revision*). Where Do Differences in Theory of Mind Development Come from? An Agent-Based Model of Social Interaction and Theory-of-Mind.
- [18] **Yu, C. L.**, Eggleston, R., Zhang, K., Nickerson, N., Sun, X., Marks, R., Hu, X.S., Brennan, J.R., Wellman, H. M., & Kovelman, I. (*Under Review*) Neural Processing of Children's Theory of Mind in a Naturalistic Story-Listening Paradigm.
- [17] **Yu, C. L.** & Wellman, H. M. (*In Press*). All Humans Have a "Theory of Mind." *Journal of Autism and Developmental Disorders*.
- [16] 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*.
- [15] 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*.
- [14] 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*.

- [13] 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*.
- [12] 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. (2023) Brain Bases of English Morphological Processing: A Comparison between Chinese-English, Spanish-English Bilingual, and English Monolingual Children. *Developmental Science*, 26(1), e13251.
- [11] **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.
- [10] 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.
- [8] 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.
- [7] **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.
- [6] **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.
- [5] **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.
- [4] 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.
- [3] **Yu, C. L.**, & Chou, T. L. (2018). A Dual Route Model of Empathy: A Neurobiological Perspective. *Frontiers in Psychology*, 9(2212), 1-5.
- [2] **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.

- [1] **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.

### **Selected Conference Presentations**

- [12] **Yu, C. L.**, Stanzione, C. M., Branum-Martin, L., Wellman, H. M., & Lederberg, A. R. (2023, March). *Theory of Mind Development in Deaf Children: The Effects of Language Exposure and Usage*. Poster presented at the 2023 Biennial Meeting of the Society for Research in Child Development (SRCD), Salt Lake City.
- [11] **Yu, C. L.** & Wellman, H. M. (2023, March). *Theory of Mind and Executive Function Underlie Childhood Psychotic Symptoms*. Poster presented at the 2023 Biennial Meeting of the Society for Research in Child Development (SRCD), Salt Lake City.
- [10] **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.
- [9] **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.
- [8] **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.
- [7] **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.
- [6] **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.
- [5] **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 the Organization for Human Brain Mapping (OHBM), Rome.
- [4] **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 the Organization for Human Brain Mapping (OHBM), Singapore.
- [3] **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.

- [2] **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.
- [1] **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.

## Teaching

2023	Guest Instructor, How People Learn (EDUC 591, EDUC 791)
2022	Primary Instructor, Statistics and Data Analysis (MSPICED)
2021	Graduate Student Instructor, Psychometric Theory (PSYCH 707)
2020	Graduate Student Instructor, Introduction to Developmental Psychology (PSYCH 250)
2019	Teaching Assistant, Psychology and Modern Life (GEC 120301)
2018	Teaching Assistant, Brain and Language (PSY 5274)
2017	Teaching Assistant, General Psychology (PSY 1005)
2016	Teaching Assistant, Cognitive Neuroscience (PSY 3201)
2016	Teaching Assistant, Assessment Practicum Developmental Psychology (CS7299, CS27033)
2016	Teaching Assistant, Seminar on Emotion and Memory (CS7029, CS27030)

## Journal Reviewer

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