

## 陳韻如 Yun-Ju (Claire) Chen, PhD

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### CURRENT ACADEMIC POSITION 現職

#### 助理教授 (Assistant Professor)

Aug 2024-Present

Chang Gung University (長庚大學), Taoyuan City, Taiwan

*Department of Occupational Therapy and Graduate Institute of Behavioral Sciences*

### PRIOR ACADEMIC POSITION 過去學術職位

#### 博士後研究員 (Postdoctoral Fellow)

Sep 2021-Jun 2024

McMaster University (麥克馬斯特大學), Hamilton, ON, Canada

### EDUCATION 學歷

#### 博士

##### **Doctor of Philosophy (Ph.D.) in Occupational Science**

Aug 2017-Aug 2021

University of Southern California (南加州大學), Los Angeles, CA, USA

#### 碩士

##### **Master of Science (M.S.) in Medical Sciences**

Apr 2010-Mar 2012

Keio University (慶應義塾大學), Tokyo, Japan

#### 學士

##### **Bachelor of Science (B.S.) in Occupational Therapy**

Sep 2004-Jun 2009

Keio University (國立台灣大學), Tokyo, Japan

### HONORS, AWARDS, AND FELLOWSHIPS 榮譽及獲獎

- 2024 INSAR Student and Trainee Workshop & Travel Award (\$800 USD)
- 2023 Society for Research in Child Development (SRCD) Early Career Interdisciplinary Scholars Fellow
- 2022-2024 Canadian Neurodevelopmental Research Training Platform (CanNRT) Fellow
- 2021 Elizabeth June Yerxa Award for Excellence in Research Distinction
- 2020 Dr. Zemke Scholarship in Occupational Science (\$5,000 USD)
- 2016-2018 Fulbright Graduate Study Full Grant 傅爾布萊特赴美攻讀博士學位全額獎學金 (\$45,000 USD/year)
- 2010-2012 Moritani Foundation Scholarship 日本守谷育英會獎學生 (¥100,000 JPY/month)
- 2010-2011 Hakumon Foundation Scholarship 日本白門獎學會獎學生 (¥20,000 JPY/month)

## RESEACH GRANTS 研究計畫補助

### 國科會 - (新進人員) 專題研究計畫 (Mar 2025-Feb 2026)

#### Taiwan Ministry of Science and Technology, MOST (# 114-2314-B-182-006-)

- 自閉症兒童發展軌跡多樣性的探究：跨國長期追蹤研究(Mapping Developmental Trajectories in Autistic Children: A Multinational Prospective Study)
- 計畫主持人 (Principal Investigator) / \$970,000 NTD

### Canadian Institutes for Health Research Project Grant (May 2022-Apr 2027)

- Pediatric Autism Research Cohort (PARC): A patient-oriented prospective study examining trajectories of functioning in Canadian children with autism
- 協同主持人 (Co-Investigator) / \$1,147,500 CAD

### Canadian Institutes for Health Research Project Grant (Sep 2021-Aug 2025)

- Examining the Impacts of the COVID-19 Pandemic Response on Health and Functioning of Canadian Children and Youth
- 協同主持人 (Co-Investigator) / \$3,105,901 CAD

### Canadian Institutes for Health Research Operating Grant (Jul 2024-Jun 2025)

- Temporal trends in the distribution of child and youth mental ill-health from 1983 to 2023: Evidence from four general population-based samples in Ontario
- 協同主持人 (Co-Investigator) / \$75,000 CAD

### Canadian Neurodevelopmental Research Training Grant (Jul 2022-Jun 2024)

- A transdiagnostic investigation of co-occurring health conditions in autism among the Canadian Health Survey of Children and Youth cohort: Age-varying patterns and functional impact
- 計畫主持人 (Principal Investigator) / \$54,000 CAD

### Organization for Autism Research Graduate Research Grant (Jul 2019-Dec 2020)

- Developmental trajectories of sensory features and later functional outcomes in ASD: A longitudinal subtyping study from infancy to school age
- 計畫主持人 (Principal Investigator) / \$2,000 USD

## PUBLICATIONS 論文發表

### 第一/通訊作者 (First-authored; \*Corresponding author)

1. **Chen YJ\***, Lai MC, Georgiades S, Duku E, ..., & Georgiades K\* (accepted). Initial diagnosis patterns of co-existing mental health and neurodevelopmental conditions in autistic children and youth: Evidence from a nationally representative sample in Canada. *Journal of Child Psychology and Psychiatry*. (SSCI, IF=7.0, Q1, PSYCHIATRY)
2. **Chen YJ\***, Frazier TW, Szatmari P, Duku D, Richard A, Smith IM, ..., & Georgiades S (2025). Sex-differential trajectories of domain-specific associations between autistic traits and co-occurring emotional-behavioural concerns in autistic children. *Autism Research*, 18(4), 820-832. doi: 10.1002/aur.70018 (SSCI, IF=5.3, Q1, DEVELOPMENTAL PSYCHOLOGY)

3. **Chen YJ**<sup>\*</sup>, Sideris J, Watson LR, Crais ER, & Baranek GT (2025). Measurement invariance of the First Years Inventory (FYIv3.1) across age and sex for early detection of autism in a community sample of infants. *Assessment*. doi: 10.1177/10731911241306360 (SSCI, IF=3.5, Q1, CLINICAL PSYCHOLOGY)
4. **Chen YJ**<sup>\*</sup>, Sideris J, Watson LR, Crais ER, & Baranek GT (2024). Developmental impacts of early sensory features on school-age adaptive, maladaptive, and participation outcomes in autistic and non-autistic children. *Journal of Autism and Developmental Disorders*. doi: 10.1007/s10803-024-06494-0 (SSCI, IF=3.2, Q1, DEVELOPMENTAL PSYCHOLOGY)
5. **Chen YJ**<sup>\*</sup>, Duku E, Szatmari P, Salt M, Smith IM, Richard A, Zwaigenbaum L, ..., & Georgiades S (2024). Trajectories of adaptive functioning from early childhood to adolescence in Autism: Identifying turning points and key correlates of chronogeneity. *Journal of Child Psychiatry and Psychology Advances*, 4(2), e12212. doi: 10.1002/jcv2.12212
6. **Chen YJ**<sup>\*</sup>, Sideris J, Watson LR, Crais ER, & Baranek GT (2024). Early developmental profiles of sensory features and links to school-age adaptive and maladaptive outcomes: A birth cohort investigation. *Development and Psychopathology*, 36(1), 291-301. doi: 10.1017/S0954579422001195 (SSCI, IF=3.1, Q1, DEVELOPMENTAL PSYCHOLOGY)
7. **Chen YJ**<sup>\*</sup>, Duku E, Zaidman-Zait A, Szatmari P, Smith IM, Ungar WJ, ..., & Georgiades S (2023). Variable patterns of daily activity participation across settings in autistic youth: A latent profile transition analysis. *Autism*, 27(8), 2241- 2255. doi: 10.1177/13623613231154729 (SSCI, IF=5.2, Q1, DEVELOPMENTAL PSYCHOLOGY)
8. **Chen YJ**<sup>\*</sup>, Sideris J, Watson LR, Crais ER, & Baranek GT (2022). Developmental trajectories of sensory patterns from infancy to school age in a community sample and associations with autistic traits. *Child Development*, 93(4), e446- e459. doi: 10.1111/cdev.13745 (SSCI, IF=3.9, Q1, DEVELOPMENTAL PSYCHOLOGY)
9. **Chen YJ**<sup>\*</sup>, Duku E, & Georgiades S (2022). Rethinking autism intervention science: A dynamic perspective. *Frontiers in Psychiatry*, 13, 827406. doi: 10.3389/fpsyt.2022.827406 (SSCI, IF=3.2, Q2, PSYCHIATRY)
10. **Chen YJ**<sup>\*</sup>, Harrop C, Sabatos-DeVito M, Bulluck J, Belger A, & Baranek GT (2022). Brief report: Attention patterns to non-social stimuli and associations with sensory features in autistic children. *Research in Autism Spectrum Disorders*, 98, 102035. doi: 10.1016/j.rasd.2022.102035 (SSCI, IF=2.2, Q1, SPECIAL EDUCATION)

#### **合著 (Co-authored)**

1. Nolan E, Cost K, Miller R, Wang L, **Chen YJ**, Edwards J, ..., & Georgiades K (2025). Adaptation and validation of the Washington Group/UNICEF Child Functioning Module in a nationally representative sample of Canadian children and youth. *BMC Public Health*, 25, 1954. doi: 10.1186/s12889-025-23051-1 (SCIE, IF=3.5, Q1, PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH)
2. Eliopoulos E, de la Roche L, **Chen YJ**, McPhee PG, Kata A, Duku E, ..., & Georgiades S (2024). Brief report: Positive caregiver perceptions on receiving research summary reports in autism longitudinal research. *Journal of Autism and Developmental Disorders*. doi: 10.1007/s10803-024-06612-y (SSCI, IF=3.2, Q1, DEVELOPMENTAL PSYCHOLOGY)
3. Kata A, McPhee PG, **Chen YJ**, Zwaigenbaum L, Singal D, Roncadin C, ..., & Georgiades S (2024). The Pediatric Autism Research Cohort (PARC) Study: Protocol for a patient-oriented

prospective study examining trajectories of functioning in autistic children. *BMJ Open*, 14(4), e083045. doi: 10.1136/bmjopen-2023-083045 (SCIE, IF=2.4, Q1, GENERAL & INTERNAL MEDICINE)

4. Campi E, Choi E, **Chen YJ**, Holland C, Bristol S, Sideris J, Crais ER, Watson LR, & Baranek GT (2024). Sensory reactivity of infants at elevated likelihood of autism and associations with caregiver responsiveness. *Journal of Autism and Developmental Disorders*, 54, 270-279. doi: 10.1007/s10803-022-05764-z (SSCI, IF=3.2, Q1, DEVELOPMENTAL PSYCHOLOGY)
5. Farrow A, Al-Jaishi AA, O'Donnell S, Palmeter S, Georgiades S, **Chen YJ**, McPhee PG, Edjoc R (2024). Functional difficulties among Canadian children and youth with autism spectrum disorder: Analysis of the 2019 Canadian Health Survey. *Health Promotion and Chronic Disease Prevention in Canada*, 44(1), 9. doi: 10.24095/hpcdp.44.1.02 (SCIE, IF=2.2, Q2, PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH)
6. Gentles S, Ng-Cordell E, Hunsche M, McVey A, Bednar D, DeGroote MG, **Chen YJ**, ..., & Georgiades S (2024). Trajectory research in children with an autism diagnosis: A scoping review. *Autism*, 28(3), 540-564. doi: 10.1177/13623613231170280 (SSCI, IF=5.2, Q1, DEVELOPMENTAL PSYCHOLOGY)
7. Baranek GT, Sideris J, **Chen YJ**, Crais ER, Turner-Brown L, & Watson LR (2022). Early measurement of autism risk constructs in the general population: A new factor structure of the First Years Inventory (FYIv3.1) for ages 6-16 months. *Autism Research*, 15(5), 915-928. doi: 10.1002/aur.2691 (SSCI, IF=5.3, Q1, DEVELOPMENTAL PSYCHOLOGY)
8. Lee H, **Chen YJ**, Sideris J, Watson LR, Crais ER, & Baranek GT (2022). Sensory features of young children from a large community sample: Latent factor structures of Sensory Experiences Questionnaire (Version 2.1, Short Form). *American Journal of Occupational Therapy*, 76(3), 7603205140. doi: 10.5014/ajot.2022.046995 (SSCI, IF=2.1, Q1, REHABILITATION)
9. Huang WC, **Chen YJ**, Chien CL, Kashima H, & Lin KC (2011). Constraint-induced movement therapy as a paradigm of translational research in neurorehabilitation: Reviews and prospects. *American Journal of Translational Research*, 3(1): 46-58. (SCIE, IF=1.7, Q3, RESEARCH & EXPERIMENTAL MEDICINE)
10. Konishi M, **Chen YJ**, & Kato M (2011). The assessment and rehabilitation of attention impairments (注意障害の評価とリハビリテーション). *Japanese Journal of Geriatric Psychiatry*, 22(3): 295-301.

#### **審查/修改中 (Under Review/Revision)**

1. **Chen YJ**, HY Lin, CL Chu, CC Wu, TL Lin, ... , CH Chiang (under review). Urban-rural differences and sex-specific cognitive effects on autism symptom trajectories: A Longitudinal study of autistic children in Taiwan.
2. Huang CY, Cheng PY, Chen KL, & **Chen YJ** (in revision). Longitudinal trajectories of self-care performance in children with and without developmental conditions.
3. DuBay M, Sideris J, Rouch E, **Chen YJ**, Baranek GT, Watson LR, & Crais ER (in revision). Evidence of cross-cultural differences across multiple translations of an autism screening tool.

4. de la Roche L, **Chen YJ**, Roncadin C, D'Anguilli A, Lee V, ..., & Kelley E (under review). Brief report: Exploring the relationship between family experiences and behavioural inflexibility in young autistic children.

## CONFERENCE PRESENTATIONS 研討會發表

### 專題發表 (Panel Presentations)

1. **Chen YJ**, Sideris J, Watson LR, Crais ER, & Baranek GT (2023). The developmental impacts of sensory features on school-age functional outcomes in autistic and non-autistic children. Panel on “Individual Variability in Sensory Processing and Developmental Links to Autism: Interdisciplinary Findings from Infancy to Adulthood” with Cascio C (Vanderbilt University, USA), Bussu G (Uppsala University, Sweden), Puts NA (King’s College London, UK), & Hollestein V (Radboud University, Netherland) at: *International Society for Autism Research (INSAR) Annual Meeting; Stockholm, Sweden*.
2. **Chen YJ**, Sideris J, Watson LR, Crais ER, & Baranek GT (2020). Early screening for autism: Analytic approaches to assessing psychometric validity and phenotypic variability. Panel on “Challenges and Innovations in Screening Infants for Markers of Autism Spectrum Disorder” with Watson LR (UNC Chapel Hill, USA) & Talbott M (UC Davis, USA) at: *Conference on Research Innovations in Early Intervention; San Diego, CA*.

### 口頭發表 (Oral Presentations)

1. **Chen YJ**, Frazier T, Duku E, Szatmari P, ..., & Georgiades S (2024). Longitudinal domain-specific associations between parent-reported autistic traits and co-occurring psychopathology in autistic boys and girls. *INSAR Annual Meeting; Melbourne, Australia*.
2. **Chen YJ**, Lai MC, Georgiades S, Duku E, ..., & Georgiades K (2024). Age- and sex-varying incidence patterns of co-occurring mental health and neurodevelopmental conditions in autistic children and adolescents: Evidence from a nationally representative sample in Canada. *INSAR Annual Meeting; Melbourne, Australia*.
3. **Chen YJ**, Miller R, Cost K, Edwards J, Nolan E, & Georgiades K (2023). Longitudinal changes in child and youth mental health symptoms during distinct phases of the COVID-19 pandemic. *Canadian Academy of Psychiatric Epidemiology Annual Meeting; Vancouver, BC*.
4. **Chen YJ**, Sideris J, Watson LR, Crais ER, & Baranek GT (2022). Do toddlers’ age and sex impact parental reports of early signs of autism spectrum disorder? A moderated nonlinear factor analysis. *International Congress of Infant Studies Biannual Meeting; Ottawa, ON*.
5. **Chen YJ**, Sideris J, Watson LR, Crais ER, & Baranek GT (2022). Early developmental profiles of sensory patterns in a community sample: Associations with later autistic traits and adaptive functioning. *INSAR Annual Meeting; Austin, TX*.
6. **Chen YJ**, Sideris J, Watson LR, Crais ER, & Baranek GT (2021). Developmental trajectories of sensory patterns from infancy to school age in children with ASD and non-ASD conditions. *INSAR Annual Meeting; Virtual*.
7. **Chen YJ**, Konishi M, Saito F, Akiyama T, & Kato M (2011). The impact of stimuli with audiovisual synchrony on attention triggering effects. *Social Neuroscience Conference at National Institute for Physiological Science; Okazaki, Japan*.

### 海報發表 (Poster Presentations)

1. **Chen YJ**, Duku E, Roncadin C, D'Angiulli A, Lee V, ..., & Georgiades S (2025). Discrepancy between frequency and functional impact of autistic features as assessed by the autism impact measure: Associations with child and family characteristics. *INSAR Annual Meeting; Seattle, WA*.
2. **Chen YJ**, Duku E, Szatmari P, Smith IM, Zwaigenbaum L, ..., & Georgiades S (2023). Correlates and turning points of adaptive functioning trajectories and longitudinal associations with autism symptoms from early childhood to adolescence. *INSAR Annual Meeting; Stockholm, Sweden*.
3. **Chen YJ**, Duku E, Zaidman-Zait A, Szatmari P, Smith IM, Ungar WJ, ..., & Georgiades S (2023). Daily activity participation across settings in autistic youth: Individual variability and temporal stability. *INSAR Annual Meeting; Stockholm, Sweden*.
4. **Chen YJ**, Sideris J, Watson LR, Crais ER, & Baranek GT (2020). A latent profile analysis of infants' sensory, motor, and social communication risk on the First Years Inventory and age-3 outcomes in a community sample. *INSAR Annual Meeting; Virtual*.
5. **Chen YJ**, Sideris J, Watson LR, Crais ER, & Baranek GT (2019). First Years Inventory: Examining measurement invariance across age, sex, and prematurity status. *INSAR Annual Meeting; Montreal, QC*.
6. **Chen YJ**, Sideris J, & Baranek GT (2019). Potential use of First Years Inventory to differentiate autism spectrum disorder from other developmental delays within the first two years of life. *American Occupational Therapy Association (AOTA) Annual Conference; New Orleans, LA*.
7. **Chen YJ**, Harrop C, Sabatos-DeVito M, Bulluck J, & Baranek GT (2018). Patterns of attention to non-social stimuli in children with autism spectrum disorder. *INSAR Annual Meeting; Rotterdam, Netherlands*.
8. **Chen YJ**, Sideris J, Watson LR, & Baranek GT (2018). Sensory-regulatory functioning as an important aspect of early identification of autism spectrum disorder. *Conference on Research Innovations in Early Intervention; San Diego, CA*.
9. **Chen YJ**, Sideris J, Watson LR, Crais ER, Turner-Brown L, & Baranek GT (2018). Validation of FYI-Lite as a short screening tool for infants at risk for autism. *AOTA Annual Conference; Salt Lake City, UT*.
10. **Chen YJ**, Davis VL, Watson LR, Crais ER, Turner-Brown L, Bulluck J, Zhang W, Faldowski R, & Baranek GT (2017). Examination of developmental sensitivity of items on the revised First Years Inventory screener for infants at risk for a later diagnosis of autism spectrum disorder. *INSAR Annual Meeting; San Francisco, CA*.
11. **Chen YJ**, Lee SY, & Cheng Y (2013). Emotional mismatch negativity as a potential neurophysiological biomarker for autism spectrum disorder. *Organization for Human Brain Mapping; Seattle, WA*.

## INVITED TALKS 受邀演講

1. Sensory Differences and Autism: Developmental Findings and Implications (Dec 2024). *Department of Psychology, National Chengchi University, Taiwan.*
2. Sensory processing in autistic children: Research updates and clinical applications (Sep 2024). *Taipei Association of Occupational Therapists Continuing Education Course, Taiwan.*
3. Autism across cultures: Research trends & practical implications (Aug 2024). *Undergraduate Honors Program Seminar, Chang Gung University, Taiwan.*
4. Tracking early sensory differences in autism: Developmental variability and cascades (Mar 2023). *Graduate Seminar, Department of Occupational Therapy, Chang Gung University, Taiwan.*
5. Early sensory differences in autism: A developmental perspective (Dec 2022). *McMaster Developmental Pediatrics Academic Hour, Hamilton, ON.*
6. Sensory patterns and autistic traits: What are the implications? (Oct 2022). *Conversations with Dr. Sarah Schoen in STAR Institute Sensory Symposium, Denver, CO.*
7. Sensory features in autism (Jul 2022). *Broadcast interview for DDI on Autism, Long Island News Radio, NY.*
8. Autism across the lifespan: Conceptual issues and analytic strategies (Apr 2022). *Offord Centre for Child Studies Lunch and Learn, Hamilton, ON.*
9. Prevalence and differentiating patterns of sensory features among 3-year-olds and 6-year-olds with and without ASD (Mar 2021). *USC OT564: Sensory Integration, Los Angeles, CA.*

## TEACHING EXPERIENCE 教學經歷

長庚大學職能治療學系暨行為科學研究所 Department of Occupational Therapy and Graduate Institute of Behavioral Sciences, Chang Gung University, Taiwan

- OT3012 & 3051 (職治系) | 兒童疾病職治與實習 Occupational Therapy for Developmental Disabilities
- OT3058 (職治系) | 感覺統合 Sensory Integration
- OT1018 (職治系) | 人類發展學 Human Development
- BSM065 (職治系行科碩士職治組) | 專題討論(英語授課) Graduate Seminar

\*Top 30% in Teaching Evaluation Rankings for Non-Basic Medical Science Undergraduate Courses in the College of Medicine (Fall 2024)

Department of Occupational Therapy, McMaster University, Canada

- OCCUPTH 744 (Seminar Facilitator) | Complexities of Practice I: Enhancing Evidence-based Practice Skills

## SERVICES 服務

Invited reviewer for the following journals & conferences:

- American Journal of Occupational Therapy
- American Journal on Intellectual and Developmental Disabilities
- Autism (top 20% of the reviewers in 2022)
- Autism Research
- BMC Pediatrics
- BMC Psychiatry
- BMC Public Health
- Child Psychiatry & Human Development
- Developmental Medicine & Child Neurology
- Health Science Reports
- Infancy
- Infant and Child Development
- International Journal of Developmental Disabilities
- JCPP Advances
- Journal of Child Psychology and Psychiatry
- Journal of Autism and Developmental Disorders
- Journal of Neurodevelopmental Disorders
- Molecular Autism
- PLOS One
- Research in Autism (formerly Research in Autism Spectrum Disorders)
- Scientific Reports
- International Society for Autism Research (INSAR) Annual Meeting
- Society for Research in Child Development (SRCD) Biannual Meeting
- World Federation of Occupational Therapists (WFOT) Congress Abstract Reviewer