

Junhao Chen

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EDUCATION

City University of Hong Kong , Hong Kong	09/2024 – 08/2025
DEGREE: Master of Social Science	
MAJOR: Counselling	GPA: 3.54/4.00 (Cum laude)
University of Edinburgh , Edinburgh, UK	09/2020 – 07/2024
DEGREE: Bachelor of Science	
MAJOR: Psychology (Honours)	

WORK EXPERIENCE

The University of Hong Kong Research Assistant, PI: Dr. Cheung H.N. Amy's Lab.	11/2024 – 04/2025
The Hong Kong Polytechnic University Teaching Assistant, PI: Dr. Lo Kai Chung.	04/2025 – 10/2025

PUBLICATIONS

*Corresponding author; †First/Co-first author

1. **Chen, J. J. H.[†]**, Lu, J., Huang, Q. L., et al (2025). Profiles of parental bonding and childhood trauma in a clinical sample: Implications for coping strategies in adulthood among Chinese young adults. *Journal of Affective Disorders*. <https://doi.org/10.1016/j.jad.2025.120310>
2. **Chen, J. J. H.***, & Egan, C. C. (2025). Retrodiction: In- group advantages between Europeans and Chinese. *Asian Journal of Social Psychology*. <https://doi.org/10.1111/ajsp.70023>
3. Fung, A. L. C., & **Chen, J. J. H.*** (under review). Culturally Sensitive Parenting Approaches in Chinese Societies: Implications for Adolescent Behavioral Health. *Journal of Adolescence*.
4. Lo, K. C., Huang, Q. L., **Chen, J. J. H.**, Ng, S. M. (under review). Assessing moral emotions in paternal involvement: Development and validation of shame and guilt scales for fathers of children with special needs. *Current Psychology*.
5. Tang, B., Jin, L., **Chen, J. J. H.[†]**, Zhang, Y., et al (under review). Association between GABAergic agents and SSRIs combination at first clinical visit and depressive symptom trajectories: A study using group-based trajectory modelling and Apriori algorithm. *The Lancet Psychiatry*.
6. Cheung, H.N., Huang, Q. L., **Chen, J. J. H.** (under review). Inside the Minds of Gifted Youth: How Daydreaming and Self-Compassion Shape Academic Underachievement among High-Ability Students. *Current Psychology*.
7. **Chen, J. J. H.[†]**, Cheung, H.N. (under review). Cultural Patterns of Self-Compassion and Prosocial Behavior: A Bayesian Network Analysis in the United States and Hong Kong. *Journal of Youth and Adolescence*.
8. Chung, H.N., **Chen, J. J. H.***, Huang, Q. L. (under review). Validation of the Father Involvement Scale (short version) Among Chinese Fathers of Children with Developmental Disabilities. *Journal of Family Psychology*.
9. Chu, Y. H., **Chen, J. J. H.** (under review). From features to models: Diagnostic performance of machine intelligence in Parkinson's Disease: A Systematic Review and Meta-Analysis. *Lancet Digital Health*.
10. Huang, Q. L., **Chen, J. J. H.[†]** (under review). Age-sex-specific burden and temporal trends of adolescent schizophrenia in low and middle SDI regions, 1990–2023, with projections to 2050: findings from GBD 2023. *Journal of Adolescent Health*.

RESEARCH EXPERIENCE

Department of Maternal and Child Health, School of Public Health, Peking University | PI: Dr. Yuelong Ji

► Profiles of Parental Bonding and Childhood Trauma in a Clinical Sample: Coping in Chinese Adults

Aim: This study integrates parental bonding and childhood trauma into person-centred latent profiles and links them to adaptive vs. maladaptive coping using BCH comparisons, guiding targeted interventions that address family dynamics and trauma history to enhance resilience.

Contribution:

- Integrated 11 indicators from PBI and CTQ into person-centred latent profiles via LPA, selecting the optimal three-class solution with AIC/BIC, entropy, and BLRT for interpretable childhood-experience subtypes.

- Employed the BCH framework to compare positive/negative coping across classes while accounting for classification error; complemented with covariate-adjusted regressions for robustness.
- Established a graded profile-coping pattern (secure-adjusted, ambivalent-strained, and disorganised-adversity), yielding actionable targets for intervention in Chinese young adults.

Department of Psychology, University of Edinburgh, United Kingdom | PI: Dr. Christopher Egan

► **Retrodiction: In-Group Advantages between Europeans and Chinese**

Aim: This study tests whether in-group advantages in emotion recognition extend to retrodicting antecedent events from naturalistic reactions across cultures, clarifying how cultural familiarity shapes accuracy and revealing asymmetric in/out-group patterns to inform cross-cultural competence.

Contribution:

- Advanced the retrodiction paradigm by using spontaneous video reactions to four events and adding in-group/out-group manipulations (Chinese-European), enabling tests of cultural familiarity with ground-truth antecedents.
- Demonstrated asymmetric cultural effects with clear in-group advantages for European participants but limited or reversed effects (out-group advantage signals) for Chinese participants, refining the in-group advantage hypothesis.
- Provided a theory-driven account using Communication Accommodation Theory and cultural display-rule/learning frameworks to explain how accommodation and internalization can invert expected in-group benefits.

Department of Social and Behavioural Science, City University of Hong Kong | PI: Dr. Fung Lai Chu Annis

► **Patterns of Parental Control and Child Disclosure in Reactive and Proactive Aggression among Hong Kong Adolescents**

Aim: Examine how parental control and child disclosure relate to reactive vs. proactive aggression and sex differences in Hong Kong adolescents, filling a gap by integrating parenting facets and aggression subtypes within an East Asian context.

Contribution:

- Integrated parental control and child disclosure with both aggression subtypes and gender, addressing a previously unexamined intersection in Hong Kong samples.
- Showed differentiated links: parental control was more consistently negative with proactive/delinquent behaviors, while child disclosure to both parents was a robust protective factor across outcomes, with stronger mother–daughter and father–son patterns.
- Leveraged a large, school-based and parent-augmented dataset to inform culturally sensitive, gender-attuned family interventions in Hong Kong.

Department of Social Work and Administration, The University of Hong Kong | PI: Dr. Cheung H.N. Amy

► **Cultural Patterns of Self-Compassion and Prosocial Behavior: A Bayesian Network Analysis in the United States and Hong Kong**

Aim: Use Bayesian Networks to learn directed relationships among self-compassion, compassion for others, and prosocial behavior in adolescents, and compare network structures between the U.S. and Hong Kong to generate causal hypotheses.

Contribution:

- Applied bootstrap-averaged, hill-climbing Bayesian Networks with conservative stability thresholds to retain only reliable, directionally consistent arcs.
- Identified universal and culture-specific pathways, including a consistent kindness→prosocial link alongside a reversed kindness–mindfulness direction (HK: kindness→mindfulness; US: mindfulness→kindness).
- Demonstrated strong generalizability and recoverability with solid cross-validation and information criteria, yielding robust, culturally sensitive maps of compassion–prosocial networks.

Department of Applied Social Science, The Hong Kong Polytechnic University | PI: Dr. Lo Kai Chung

► **Moral Emotions in Paternal Involvement: Development and Validation of Shame and Guilt Scales for Fathers of Children with Special Needs**

Aim: Develop and validate culturally grounded scales of shame and guilt for Chinese fathers of children with special needs, establishing latent structures to enable precise assessment of moral emotions that shape paternal involvement.

Contribution:

- Generated items from hermeneutic phenomenological interviews with fathers and refined them through expert review and a large survey, ensuring content validity for disability- and culture-specific triggers of shame and guilt.
- Employed split-sample EFA/CFA validation to confirm two-factor solutions (shame: inter- vs. intra-level failure; guilt: cognitive vs. emotional wrongdoing) with strong reliability and acceptable model fit.
- Delivered psychometrically robust tools for research and practice, enabling targeted interventions that reduce maladaptive moral emotions and support father-child relationships in special-needs contexts.

CLINICAL EXPERIENCE

Alzheimer's Ward, NHS Royal Edinburgh Hospital, United Kingdom

09/2022 – 09/2024

► Clinical Support Intern**Contribution:**

- Supported a multidisciplinary team including doctors, nurses, and other health professionals, in comprehensive assessments of Alzheimer's patients, and helped craft personalized care plans that met NHS quality standards
- Analysed treatment-outcome data for clinical profiles and delivered data-driven and evidence-based recommendations that informed clinical service improvement.

Individual family, Edinburgh, United Kingdom

04/2022 – 09/2024

► Private Carer for Autistic Children**Contribution:**

- Provided 1-on-1 in-home care for one autistic child, designing structured daily routines that improved self-care skills and social communications.
- Developed and implemented play-based behavioral intervention, resulting in a 30% reduction in task refusal and a 40% increase in cooperative play over a 3-month period.
- Partnered with parents in weekly progress review, updating treatment goals, and coaching caregivers on evidence-based strategies for behavioral and emotional management, as well as daily living.

District Attorney's Office & Police Department, Shenzhen, China

05/2025 – 11/2025

► Volunteer Counselor**Contribution:**

- Provided individual counseling to justice-involved youth (court-referred), prioritizing case formulation, emotion regulation, impulse control, problem solving, and prosocial goal setting.
- Following individual stabilization, conducted family therapy and coach in-session interactions to reduce coercive cycles and improve communication.
- Coordinated with prosecutors, community social workers, and schools to ensure continuity of care. Maintained documentation, confidentiality, and risk/safety plans.

Chinese Psychological Students Association Edinburgh Division, United Kingdom

08/2020 – 09/2024

► Founder**Contribution:**

- Founded a confidential peer crisis-support hotline for Chinese students in Edinburgh; served as an on-call listener providing non-judgmental support and stress de-escalation via phone to promote mental well-being.
- Responded to 800+ calls, providing active listening and appropriate referrals.

SKILLS

- **Analytical Software:** Python, RStudio, Mplus, Stata, and SPSS.
- **Statistical modelling:** Multilevel and longitudinal models, structural equation modelling, mixture modelling including latent profile analysis, mediation and moderation, and meta-analysis.
- **Machine & Deep Learning:** Bayesian networks, classification and clustering, tree-based ensembles, cross-validation, and model interpretability.