

## CAO, Yuan (Sally)

### Academic qualifications and professional accreditations:

- 2018 **PhD in Psychology, University of Queensland**  
2018 **Master of Clinical Psychology**, University of Queensland (Part time study)  
2018-present Registered Psychologist with the Australian Health Practitioner Regulation Agency (AHPRA).  
2013 Accredited provider of Triple P (Positive Parenting Program)  
2012 **Master of Neuroscience**, Queensland Brain Institute, University of Queensland  
2011 **Bachelor of Social Sciences in Psychology (first class honours)**, City University of Hong Kong

### Present position:

- Aug 2023 onwards Assistant Professor, Department of Social Work and Social Administration, The University of Hong Kong (HKU)

### Previous positions:

- June 2021-Jul 2023 Research Assistant Professor, Department of Rehabilitation Sciences, The Hong Kong Polytechnic University (PolyU)  
Feb 2020-May 21 Postdoctoral Fellow, Department of Rehabilitation Sciences, PolyU  
2019 Registered Psychologist at Boronia Park Medical Centre, Australia.  
2017- 2019 Research Officer at Relationship Australia Queensland (NGO).

### Publications

Journal papers (ORCID: <https://orcid.org/0000-0002-5635-9253>)

1. **Cao, Y.**, Siu, J. Y-m, Choi, K-S., Ho, N. C-l., Wong, K. C., & Shum, D.\* (accepted). "Using knowledge of, attitude toward, and daily preventive practices for COVID-19 to predict the level of post-traumatic stress and vaccine acceptance among adults in Hong Kong". *Frontiers in Psychology*
2. Stevens, E., Lohan, A., Petch, J.,\* Lee, J., Bickerdike, A., & **Cao, Y.** (Advanced online publication) "We were actually able to sit down and talk": Australian parents and practitioners navigating dynamics of power and emotion in Family Dispute Resolution. *Journal of Family Studies*, <https://doi.org/10.1080/13229400.2022.2151499>
3. Leung, C., Wong, K. C., So, W. W. Y., Tse, Z. C. K., Li, D., **Cao, Y.\***, Shum, D. H. K. (2022). The application of technology to improve cognition in older adults: A review and suggestions for future directions. *PsyCh Journal*, <https://doi.org/10.1002/pchj.565> (invited paper)
4. **Cao, Y.**, Siu, J. Y-m, Shek, D. T. L., & Shum, D. H. K.\* (2022). COVID-19 one year on: Identification of at-risk groups for psychological trauma and poor health-protective behaviour using a telephone survey. *BMC Psychiatry*, 22, 252. <https://doi.org/10.1186/s12888-022-03904-4>
5. Siu, J. Y-m\*, **Cao, Y.**, Shum, D. H. K. (2022). Perceptions of and hesitancy toward COVID-19 vaccination in older Chinese adults in Hong Kong: A qualitative study. *BMC Geriatrics*, 22, 288. <https://doi.org/10.1186/s12877-022-03000-y>
6. Chan, W., **Cao, Y.**, Lu, E. Y., Cheung, W. M., & Tsang, H. W. H. (2022). Types of community support services and self-efficacy for continuous community living among

- individuals with disabilities and caregivers. *International Journal of Environmental Research and Public Health*, 19, 12976. <https://doi.org/10.3390/ijerph191912976>
7. Tse, Z.C.K., **Cao, Y.**, Ogilvie, J.M., Chao, B. K. H., Ng, D. H., & Shum, D. H. K.\* (2022). Prospective memory training in older adults: A systematic review and meta-analysis. *Neuropsychology Review*, <https://doi.org/10.1007/s11065-022-09536-5>
  8. Lohan, A., **Cao, Y.**, Petch, J.\* , Murray, J., & Howe, E. (2021). Does relationship counselling for one work? An effectiveness study of routine relationship counselling services where only one individual attends. *Australian & New Zealand Journal of Family Therapy*, 42, 320-335. <https://doi.org/10.1002/anzf.1458>
  9. Canty, A. L., **Cao, Y.**, Neumann, D., & Shum, D. H. K.\* (2021). The functional significance of cognitive empathy and theory of mind in early and chronic schizophrenia. *Psychiatry Research*, 299, 113852. <https://doi.org/10.1016/j.psychres.2021.113852>
  10. **Cao, Y.**, Yusri, N. M., Powell, T., & Cunnington, R.\* (2019). Neural and behavioral markers of observed pain of older adults. *Neuropsychologia*, 131, 84-90. <https://doi.org/10.1016/j.neuropsychologia.2019.04.012>
  11. Zhao, Q.\* , Neumann, D. L.\* , **Cao, Y.**, Baron-Cohen, S., Yan, C., Chan, R. C. K., & Shum, D. H. K.\* (2019). Culture-sex interaction and the self-report empathy in Australians and Mainland Chinese. *Frontiers in Psychology*, 10, 396. <https://doi.org/10.3389/fpsyg.2019.00396>
  12. Waters, A. M.\* , **Cao, Y.**, Kershaw, R., Kerbler, G. M., Shum, D. H. K., Zimmer-Gembeck, M. J., Craske, M. G., Bradley, B. P., Mogg, K., Pine, D. S., & Cunnington, R. (2018). Changes in neural activation underlying attention processing of emotional stimuli following treatment with positive search training in anxious children. *Journal of Anxiety Disorders*, 55, 22-30. <https://doi.org/10.1016/j.janxdis.2018.02.004>
  13. Zhao, Q., Neumann, D. L.\* , Cao, X., Baron-Cohen, S., Sun, X., **Cao, Y.**, Yan, C., Wang, Y., Shao, L., & Shum, D. H. K. (2018). Validation of the empathy quotient in Mainland China. *Journal of Personality Assessment*, 100(3), 333-342. <https://doi.org/10.1080/00223891.2017.1324458>
  14. **Cao, Y.\***, Dingle, G., Chan, G. C. K., & Cunnington, R. (2017). Low mood leads to increased empathic distress at seeing others' pain. *Frontiers in Psychology*, 8, 2024. [10.3389/fpsyg.2017.02024](https://doi.org/10.3389/fpsyg.2017.02024)
  15. **Cao, Y.**, Contreras-Huerta, L. S., McFadyen, J. J., & Cunnington, R.\* (2015). Racial bias in neural response to others' pain is reduced with other-race contact. *Cortex*, 70, 68-78. <https://doi.org/10.1016/j.cortex.2015.02.010>
  16. Yan, C., **Cao, Y.**, Zhang, Y., Song, L., Cheung, E. F. C., & Chan, R. C. K.\* (2012). Trait and state positive emotional experience in schizophrenia: A meta-analysis. *PLOS ONE*, 7, e40672. <https://doi.org/10.1371/journal.pone.0040672>
  17. Yan, C., Liu, W., **Cao, Y.**, & Chan, R. C. K.\* (2011). Self-reported pleasure experience and motivation in individuals with schizotypal personality disorders proneness. *East Asian Arch Psychiatry*, 21, 115-122. <https://www.easap.asia/index.php/component/k2/item/179-v21n3-p115-122>
  18. Zong, J., Cao, X., **Cao, Y.**, Shi, Y., Wang, Y., Yan, C., Abela, J. R. Z., Gan, Y., Gong, Q., & Chan, R. C. K.\* (2010). Coping flexibility in college students with depressive symptoms. *Health and Quality of Life Outcomes*, 8, 66. <https://doi.org/10.1186/1477-7525-8-66>
- (\*Corresponding author)

#### Book chapter

Bentley, S., Haslam, C., Cruwys, T., **Cao, Y.**, Milic, J. (2022). Groups 4 Health in Later Life.

In: Asmundson, G.J.G. (Ed.), *Comprehensive Clinical Psychology*, 2<sup>nd</sup> edition, vol. 7. Elsevier, pp. 402–414. <https://dx.doi.org/10.1016/B978-0-12-818697-8.00037-6>. ISBN: 9780128186978

#### Paper award

Cao, Y. (2010). *The scholar-practitioner collaborations in the field of cognitive neuropsychology*. Outstanding Academic Papers by Students. CityU Institutional Repository, Run Run Shaw Library, City University of Hong Kong. <http://dspace.cityu.edu.hk/handle/2031/6054>

#### **Selected conference presentations delivered**

- **Cao, Y.\***, Leung, C., Wong, K. C., So, W., Tse, Z., Li, D., & Shum, D. (2022). *Evidence-based improvements of cognitive abilities of older individuals using advanced technologies*. Paper presented at the 15<sup>th</sup> International Convention on Rehabilitation Engineering and Assistive Technology, Hong Kong.
- **Cao, Y. \***, Siu, J. Y., & Shum, H. K. D. (2021). *Psychological trauma and unsafe behaviour during the COVID-19 pandemic*. Paper presented at 14th European Public Health Conference 2021: Public Health Futures in a Changing World, Dublin, Ireland.
- Shum, H. K. D. \*, Siu, J. Y., & **Cao, Y.** (2021). *Psychological trauma and unsafe behaviour during the COVID-19 pandemic: a mixed-method study of people's emotion, knowledge, attitude and behavior*. Poster presented at Health Research Symposium 2021, Hong Kong, China.
- **Cao, Y.** & Model, M. (2019). *It is all about relationships. A holistic case management approach to elder abuse prevention*. Paper presentation at the Family & Relationship Services Australia National Conference 2019, Hunter Valley, NSW, Australia.
- **Cao, Y.** (2016). *Effect of induced sadness on neural responses to other's pain*. Poster presentation at the 22nd Annual Meeting of the Organization of Human Brain Mapping (OHBM, 2016) in Geneva, Switzerland.
- **Cao, Y.** (2015). *Low mood leads to increased empathic distress for others' pain*. Paper presentation at the Australasian Social Neuroscience Society Conference in Brisbane.
- **Cao, Y.** (2011). *Chinese Characteristics in Responding to Psychological Measures*. Poster session presented at the Hong Kong Psychological Society Annual Conference 2011, Hong Kong.

#### **Research grants**

##### External competitive grants

- **Principal Investigator** for the **Investigator-initiated Project under the Health and Medical Research Fund/HMRF**, 2021 round
- **Project Coordinator** for **Shanghai-Hong Kong University Alliance** funded “Symposiums on the Interface Between Reward Processing and Memory” (HK\$40,000, 2022)
- Co-Investigator on **General Research Fund (GRF)** on “Effects of aging on theory of mind: A study using age- and context- appropriate assessment tool for adulthood”
- Co-Investigator on **HMRF** on “Development and validation of a new scale to measure mental eHealth literacy”

- Co-Investigator on **National Natural Science Foundation of China (NSFC)** funded project on “The modulation mechanism of dorsal-medial prefrontal cortex in dysfunctional emotion representation maintenance in adolescent schizophrenia”
- Co-Investigator on the **National Natural Science Foundation of China (NSFC)/Research Grants Council (RGC)** joint-fund on “Virtual-reality Assessment of Social Cognition Impairment and its Related Neural Mechanism in Schizophrenia Patients and At-risk Individuals”
- Co-Investigator on the **HMRF** – Commissioned Research on the COVID-19 on "Psychological trauma and unsafe behaviour during the COVID-19 epidemic: A mixed-design study of people’s emotion, knowledge, attitude and behaviour"

#### Internal competitive grants (representative projects only)

- **Principal Investigator** for PolyU’s Undergraduate Research and Innovation Scheme on “Intolerance of uncertainty and its relationship with mental health in a community sample of young and old people in Hong Kong”
- Co-Principal investigator on the PolyU’s Research Institute for Smart Ageing (RISA) on “Multimodal intervention for brain-body health: A randomized-controlled feasibility study on the effects of combining cognitive and physical training, and healthy lifestyle for older adults in Hong Kong”
- Co-Investigator on PolyU departmental funded project on “An One-for-all Platform with Extendable Rehabilitation Assistant Service (OPERA)”
- Co-Investigator on PolyU’s Interdisciplinary Large External Project Application Scheme on “Enhancing Intergroup Relations and Promoting Social Integration: A Multicultural Acquisition Approach”
- Co-Investigator on PolyU’s Funding Support for PolyU Project of Strategic Importance on “Data-Driven Intelligence towards Early Diagnosis and Treatment for Children with Autism Spectrum Disorder”

#### **Teaching experiences**

##### Tutoring undergraduate courses at the University of Queensland

- Feb-Jul, 2017: Tutor for the undergraduate course of *Introduction to Psychology: Developmental, Social & Clinical Psychology* (PSYC1030)
- Jul-Nov, 2017: Tutor for the undergraduate course of *Psychological Research Methodology I* (PSYC1040)

##### Lecturing undergraduate courses at PolyU

- RS2020 Foundation Psychology for Rehabilitation Professionals, responsible for lectures on 1) Social behaviour and 2) Human development across the lifespan
- RS4742 Physiotherapy in Mental Health, responsible for lecture on non-pharmacological treatment for people with depression and anxiety
- RS3830 Rehabilitation Psychology, responsible for lectures on 1) Interviewing skills on empathy, probing and challenging and 2) Motivational interviewing

##### Lecturing post-graduate courses at PolyU

- RS510 Neuropsychological Rehabilitation, responsible for lectures on 1) memory rehabilitation and 2) attention rehabilitation and problem-solving skills training
- RS5305 Rehabilitation Psychology, responsible for lectures on 1) Interviewing skills on empathy, probing and challenging and 2) Motivational interviewing

- RS606 Advanced Study in Autism Spectrum Disorder, responsible for lectures on 1) Attentional processing of emotional and social stimuli in ASD, 2) Triple P - Positive Parenting Program, and 3) the assessment of group presentations on theory of mind
- RS6001 Neuroscience Investigation, responsible for lecture on applications of functional magnetic resonance imaging (fMRI) & behavioural tasks

*Research supervision*

- Supervisor of BScOT final year project on “Music and emotion regulation”, 2022
- Co-supervisor for Master of Occupational Therapy (MOT) final year project on “The effect of time delay on young adults’ prospective memory” 2021-2022
- Co-supervisor for MOT final year project on “Understanding music therapy for older adults with dementia in Hong Kong”, 2022-
- Co-supervisor for PhD student on “The behavioral and neural mechanisms underlying prosociality in older adults”, 2022-