

CURRICULUM VITAE

Yuhui Chen

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EDUCATION

2021-2024 **The University of Manchester, Manchester, UK**
BSc Psychology (Hons)
Grade: 3.92/4.0, rank **top 1%** out of 433 students

PUBLICATIONS

- **Chen, Y.**, Hood, A. M., Kölbel, M., Stotesbury, H., Kawadler, J., Slee, A., Inusa, B., Pelidis, M., Howard, J., Chakravorty, S., Height, S., Awogbade, M., Kirkham F. J., & Liossi C. *Pain Burden Predicts Executive Function in Patients with Sickle Cell Disease*. HemaSphere 7(S1): p 11, April 2023. DOI: 10.1097/01.HS9.0000928208.78994.35
- Hood, A. M., Chaman, A., **Chen, Y.**, Mufti, S., *Psychological Wellbeing Predicts Quality of Life among Pakistani Caregivers of Children Living with Thalassaemia. (Submitted to Paediatric Hematology & Oncology, under review)*. Preprint DOI: 10.22541/au.168499987.75006938/v1

RESEARCH EXPERIENCE

- 2023/01 – present **Socioeconomic Status, Brain, and Depression**
Research Assistant under the supervision of Dr. Yu (Hannah) Hao
- Project 1: Investigating Social Relations and Social functioning in SES and Depression
Project Lead
- Fill in the research gap regarding how social factors explain surplus of depression in lower SES beyond the influence of stress.
 - Conceptualise and assess the role of social functioning and social skills deficits in low SES and depression, systematically reviewing over 50 relevant articles.
 - Manuscript in preparation:
Chen, Y., & Hao, Y. *Social skills deficits as a mediator between SES and depression*.
- Project 2: Systematic Review of Brain Structure and Function underlying Depression and SES
- Conducted an extensive literature review of over 200 articles on structural and functional MRI in relation to SES and depression.
 - Manuscript in preparation:
Hao, Y., & **Chen, Y.** *Depression phenotype and risk factors in relation to brain structure or function: relation to SES status*
- 2022/12 – present **Mental and Physiological Strains of Male and Transgender Sex Workers**
Research Assistant under the supervision of Dr. Maurice Nagington
Nursing & Midwifery Centre, University of Manchester
- Collaborated with local LGBTQ+ organisation (The Men's Room), consulting directly with male and transgender sex workers to understand their specific needs and vulnerabilities.
 - Manuscript in preparation:
Chen, Y., Nagington, M., & Muir, J. *Challenges and Evolution of Male and Transgender Sex Work in the Digital Era*.

2022/11 – present

Interpersonal Emotion Regulation and Emotional Intervention

Research Assistant under the supervision of Dr. Belen Lopez-Perez

Interpersonal Emotion Regulation Lab, Manchester Centre for Health Psychology

Project 1: Interpersonal Emotional Regulation in Cross-Cultural Clinical Samples

Undergraduate Assistants Team Lead

- Conducted thematic analyses on 2500+ qualitative responses, identified significant between-group differences using Latent Profile Analysis on MPlus
- Manuscripts in preparation:
 - 1) Lopez-Perez B., **Chen Y.**, & Cheng, S. *Evaluating the correspondence between qualitative and quantitative measures to assess interpersonal emotion regulation strategies in cross-cultural samples.*
 - 2) Lopez-Perez B., **Chen Y.**, & Cheng, S. *Identifying subgroups in utilising interpersonal emotion regulation strategies from cross-cultural samples.*
- Conference Presentation:
Chen Y., Lopez-Perez B, Cheng, S., & Ajay A. (2023). *Evaluating the correspondence between qualitative and quantitative measures to assess interpersonal emotion regulation strategies.* Presented at the British Psychology Society 2023 Social Psychology Annual Conference

Project 2: Changing Others' Emotions using EMAs Assessments

- Led the recruitment process, successfully enlisting 200 individuals for an intensive week-long study utilizing Ecological Momentary Assessments.
- Utilised Python and Two-Level Dynamic Structural Models to analyse longitudinal data

2022/05 – present

Pain and Cognitive Outcomes of Individuals Living with Sickle Cell Disease (SCD)

Research Assistant under the supervision of Dr. Anna M. Hood

MAGNET Lab, University of Manchester

Project 1: Index of Pain Experience in Sickle Cell Anaemia: Feasibility of an mHealth App

Collaboration: Prof. Christina Liossi, University of Southampton

- Conducted an extensive reanalysis and drafting of existing data from a randomised-controlled clinical trial focused on children with SCD.
- Manuscript in preparation:
Chen, Y., Hood, A. M., Kawadler, J. M., Slee, A., Stotesbury, H., Koelbel, M., Balfour, P., Saunders, D. E., Rees, D., Kesse-Adu, R., Chakravorty, S., Awogbade, M., Clark, C. A., Kirkham, F. J., & Liossi, C. *Index of Pain Experience in Sickle Cell Anaemia (IPESCA): Development from daily pain diaries and initial findings from use with children and adults with sickle cell anaemia*
- Conference Presentation:
Chen, Y., & Hood, A. M. (2022). *Pain burden Predicts Executive Function in Paediatric Patients with Sickle Cell Disease.* Presented at the 17th Annual Scientific Conference on Sickle Cell and Thalassaemia. London, United Kingdom.

Project 2: The Interaction between Pain and Executive Function in Paediatric Patients with SCD

- Developed a predictive model for executive function in SCD paediatric patients based on pain intensity.
- Manuscript in preparation:
Chen, Y., Hood, A. M., Madan-Swain, A., Rumble, D. D., Vervoort, T., Crosby, L. E., Lebensburger, J., Miller, M. M., & Trost, Z. *Pain inequality and cognition in paediatric patients with sickle cell disease.*
- Conference Presentation:
Chen, Y., & Hood, A.M. (2023). *Parent-reported Pain Intensity Predicts Cognitive Flexibility in Paediatric Patients with Sickle Cell Disease.* Presented at the European Paediatric Psychology Conference 2023. University of Stirling, Scotland, UK

AWARD

2019 **The Hong Kong Jockey Club Scholarship for Academic Excellence and Social Contribution**
Amount: \$52,000

COURSE PROJECTS

- 21081 Cognition **Fast Movement in Relation to Animacy Effects in Episodic Memory** (2021 Fall)
- Investigated the effect of fast movement on animacy effect by testing word recall by participants. Collected data from more than 200 participants at the University of Manchester
 - Tidied and conducted ANOVA analyses on results, produced a 7-page full lab report.
- 10711 Social Psyc **Basic Needs Satisfaction on Social Networking Sites – Scales Development** (2021 Spring)
- Coded participants' responses according to SNS strategies and marked their life satisfaction. Tidying, analysing, and conducting reverse scoring on more than 500 lines of data
 - Clarified significant correlation between needs satisfaction on SNS and psychology wellbeing.
- 21012 Perception **Helmholtz Illusion in Interior Design Context** (2021 Fall)
- Utilised VR-based websites to test whether direction of wallpaper stripes affect perception on room size. Collected data from 10 participants on Zoom.
 - Discovered that participants' point of subjective equality was influenced by Helmholtz illusion. Results presented in a 5-page lab report with a First-Class score.
- 21701 Intro to Social Psyc **Discrimination towards Gay People in Video Interviews** (2020 Fall)
- Collected data on Zoom by showing a video of either homosexual or heterosexual man participating an interview.
 - Found that gay participants experienced significantly more discrimination in video interview. Produced a 3-page lab report and received a First-Class score.

VOLUNTEER

- 2022 09 - Present **University of Manchester – Buddy Scheme Mentor**
- Provided one-to-one mental health support for first year students.
 - Applied professional knowledge of mental health and counselling into practice.
 - Followed safeguarding procedures and escalating emergent situations to staff.
- 2022 06 - Present **University of Manchester – Peer Mentor**
- Provided continuous academic and life support for a group of mentees (20 people).
 - Designed academic writing sessions (APA reference, essays and lab reports) and provided writing samples.
- 2022 06 – Present **Under-represented Student Perspective Panel**
- Leveraged my personal perspective as an Asian female student to shed light on potential biases and challenges faced, offering tangible solutions.
 - Spearheaded discussions and initiatives focused on improving the representation and inclusivity of diverse voices in academic, social, and policy-making platforms.

SKILLS

- Statistics Analyses: Excel, SPSS, MPlus (Latent Profile Analysis and Two-Level Dynamic Structural Equaion)
- Programming: R packages and Python (intermediate certificates achieved on DataCamp)
- Languages:
 - English: IELTS 8.0, GRE Verbal 157 (top 26%), Quantitative 164 (top 22%), Analytical Writing 4.5 (top 21%)
 - Chinese: Native

References available upon request

Anna M. Hood, Ph.D.

Division of Psychology & Mental Health

School of Health Sciences

University of Manchester

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Belen Lopez-Perez, Ph.D.

Division of Human Communication, Development & Hearing

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Doron Cohen, Ph.D.

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Yu (Hannah) Hao, Ph.D.

Department of Psychiatry

Icahn School of Medicine at Mount Sinai

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