

Yajing Zhou

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EDUCATION

King's College London – Institute of Psychiatry, Psychology & Neuroscience PhD Forensic and Neurodevelopmental Sciences Supervisors: Professor Andre Strydom , Doctor Rory Sheehan Project: Blood-based biomarkers of AT(N) profiles of Alzheimer's disease in Down Syndrome and their relationship with clinical outcome measures: A longitudinal study	10/2023 – present
Queen Mary, University of London – School of Medicine and Dentistry MSc Mental Health: Psychological Therapies Dissertation Project: Evaluating the effectiveness of neuromodulation treatment for patients with Alzheimer's Disease: a systematic review Classification: Merit Mark of dissertation: 66.0	09/2021– 09/2022
University of Aberdeen – School of Psychology MSc Psychological Studies Dissertation Project: Perspective-taking in social interaction (supervisor: Professor Patric Bach) Classification: Distinction Mark of dissertation: 18.95/A5	09/2020 – 08/2021
University of South China – Chuanshan College B.E. Electrical Engineering & Automation	09/2015 – 06/2019

HONORS AND AWARDS

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| • King's-China Scholarship Council PhD Scholarship programme (K-CSC)
(Selection criteria: academic merit, Strength of the research project, Match of the applicant's interests with his/her potential supervisor) | 2023 – 2027 |
| • 3rd Class Scholarship awarded by the University of South China
(Selection criteria: academic merit, comprehensive abilities) | 2016 – 2017 |
| • 3rd Class Scholarship awarded by the University of South China
(Selection criteria: academic merit, comprehensive abilities) | 2015 – 2016 |
| • Excellent Cadre of Students awarded by the University of South China
(Selection criteria: leadership, work performance; must be student cadre) | 2015 – 2016 |

RESEARCH EXPERIENCE

King's College London – Institute of Psychiatry, Psychology & Neuroscience PhD student	10/2023 – present
<ul style="list-style-type: none">• Project: assist Professor Strydom in conducting the London Down Syndrome Consortium (LonDownS) and GO-DS21• Data collection: collect clinical data, blood samples, and imaging data• Biobank data: data management, genetic analysis• Clinical assessments: one-to-one semi-structured interviews with participants who had genetic confirmation of Down Syndrome, administer 14 questionnaires in total (e.g., CAMCOG-DS-II, KBIT, MOT, PAL, Purdue)	

Tengfei Guo Research Group, Institute of Biomedical Engineering, Shenzhen Bay Laboratory
Research Assistant

04/2022– 07/2023

- **Project:** assist [Professor Guo](#) in conducting the [Greater-Bay-Area Healthy Ageing Brain Study \(GHABS\)](#)
- **Duties and responsibilities:** leading researcher for collecting data (neurocognitive assessments, blood samples, imaging samples); leading researcher of neurocognitive assessments; responsible for manual quality control of magnetic resonance imaging (MRI) and positron emission tomography-computed tomography (PET-CT)
- **Data analysis:** data analysis using the Alzheimer's Disease Neuroimaging Initiative (ADNI) databases and combine GHABS cognition data using R programming
- **Data collection:** collect cognition data (n=453), blood samples (n=411), stool samples (n=195), and imaging data (n=289)
- **Imaging data:** manual quality control for MRI (n= 250), and PET-CT (n= 199) data
- **Neurocognitive assessments:** one-to-one semi-structured interviews with older volunteers (n=66) administering 26 questionnaires in total (e.g., MoCA, MMSE, CDR, SCD, FAQ)
- **Cell experiments:** assist Dr Liu with cell experiments, refresh cell culture, cell passaging, cell cryopreservation, and cell recovery (U251, SKBR3, U118, DYR0100, DXR0109B)
- **Animal experiments:** assist Dr Liu with animal experiments (e.g., Morris Water Maze)
- **Recruitment skills:** recruit older volunteers (nearly 500 persons) and obtain consent about participating in the GHABS through WeChat

Clinical Department, The First Affiliated Hospital of University of South China

09/2021 – 04/2022

Associate Professor Yuan Lu's research assistant

- Assist Dr Lu, Deputy Chief Physician, in conducting outpatient services (asking patients about their medical history, writing medical records, etc.), assess approximately 60-80 initial and follow-up patients daily
- Administer several psychological tests (e.g., SCL-90, Eysenck Personality Questionnaire, Minnesota Multiphasic Personality Inventory), and explain the results of tests to patients
- Support patients in taking their medicine (e.g., Olanzapine, Escitalopram) and other forms of psychoeducation support
- Work with several patient groups (aged between 6 and 95 years old), with various types of symptoms such as anxiety disorders, obsessive-compulsive disorders, somatoform disorders, depressive disorders, and schizophrenia

Hengjiakang Mental Rehabilitation Hospital

09/2020 – 09/2021

Intern (student)

- Assist Dr Tang in ward rounds and writing medical records
- Provision of psychological counselling for two female patients under the guidance of Dr Tang
- Accompany patients with art therapy and psychosocial interventions taking place in the ward (e.g., singing)

OTHER RELEVANT EXPERIENCE

King's College London – Institute of Psychiatry, Psychology & Neuroscience

10/2023 – present

Graduate Teaching Assistant

- **Course name:** Introduction to Applied Statistical Methods 2023-2024 [MSc Addictions]
- **Duties and responsibilities:** assist [Dr Paolo Decula](#) with weekly hands-on data analysis sessions (mainly using SPSS), mark students' assessment

TRAINING

Tengfei Guo Research Group, Institute of Biomedical Engineering, Shenzhen Bay Laboratory

Animal experiment training

05/2022 – 08/2022

- Participate in training organized by the Shenzhen Bay Laboratory and successfully pass the examination and obtain the qualification certificate on animal experiments

Institute of Psychology of the Chinese Academy of Sciences

08/2019 – 01/2020

Basic psychological training

- Participate in basic training organized by the Institute of Psychology of the Chinese Academy of Sciences and successfully pass the corresponding examination and obtain the qualification certificate in psychological counselling

LEADERSHIP

Student Affairs Office in University of South China

09/2015 – 06/2019

Instructor's assistant

- Assist class Instructor Wang Xuan to manage class affairs and students' mental health issues
- Supervise the dormitory's discipline, environment, and safety
- Coordinate the relationship between teachers and students
- Check class attendance of 13 classes

Student Union in University of South China

09/2015 – 06/2019

Vice Chairwoman

- Help teachers to handle students' affairs
- Organise meetings and various cultural and sports activities on campus
- Manage several social clubs
- Communication between teachers and students and different departments (e.g., psychology department, publicity department)

SKILLS

- **Statistical skills:** SPSS, R, MATLAB, C (Certificate of Level 2 in National Computer Rank Examination), Office
- **Languages:** Mandarin (native), English (fluent), Japanese (beginner), Latin (beginner)
- **Soft skill:** Very strong decision-making and time management ability