

## Yajing Zhou

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### EDUCATION

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**Queen Mary, University of London – School of Medicine and Dentistry** **09/2021– 09/2022**

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

**University of Aberdeen – School of Psychology** **09/2020 – 08/2021**

MSc Psychological Studies

*Dissertation Project:* Perspective-taking in social interaction (supervisor: Professor Patric Bach)

*Classification:* Distinction *Mark of dissertation:* 18.95/A5

**University of South China – Chuanshan College** **09/2015 – 06/2019**

B.E. Electrical Engineering & Automation

### HONORS AND AWARDS

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| • 3 <sup>rd</sup> Class Scholarship awarded by the University of South China<br>( <i>Selection criteria: academic merit, comprehensive abilities</i> )       | <b>2016 – 2017</b> |
| • 3 <sup>rd</sup> Class Scholarship awarded by the University of South China<br>( <i>Selection criteria: academic merit, comprehensive abilities</i> )       | <b>2015 – 2016</b> |
| • Excellent Cadre of Students awarded by the University of South China<br>( <i>Selection criteria: leadership, work performance; must be student cadre</i> ) | <b>2015 – 2016</b> |

### RESEARCH EXPERIENCE

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

**Research Assistant**

**04/2022– Present**

- *Project:* assisting [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 combining GHABS cognition data using R programming
- *Data collection:* collecting 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 collection
- *Neurocognitive assessments:* One-to-one semi-structured interviews with older volunteers (n=66) of 26 questionnaires in total (e.g., MoCA, MMSE, CDR, SCD, FAQ)
- *Cell experiments:* assisting Dr Liu with cell experiments, refreshing cell culture, cell passaging, cell cryopreservation, and cell recovery (U251, SKBR3, U118, DYR0100, DXR0109B)
- *Animal experiments:* assisting Dr Liu with animal experiments (e.g., Morris Water Maze)
- *Recruitment skills:* recruiting older volunteers (nearly 500 persons) and obtaining 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

- Assisting Dr Lu, Deputy Chief Physician, conducting outpatient services (asking patients about their medical history, writing medical records, etc.), assessing approximately 60-80 initial and follow-up patients daily
- Administering several psychological tests (e.g., SCL-90, Eysenck Personality Questionnaire, Minnesota Multiphasic Personality Inventory), and explaining the results of tests to patients
- Supporting patients in taking their medicine (e.g., Olanzapine, Escitalopram) and other forms of psycho-education support
- Working 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)

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

**OTHER RELEVANT EXPERIENCE**

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

Animal experiment training

**05/2022 – 08/2022**

- Participating in training organized by the Shenzhen Bay Laboratory and successfully passing the examination and obtaining the qualification certificate on animal experiments

**Institute of Psychology of the Chinese Academy of Sciences****08/2019 – 01/2020**

Basic psychological training

- Participating in basic training organized by the Institute of Psychology of the Chinese Academy of Sciences and successfully passing the corresponding examination and obtaining the qualification certificate in psychological counselling

**LEADERSHIP**

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**Student affairs office in University of South China****09/2015 – 06/2019**

Instructor's assistant

- Assisting class Instructor Wang Xuan to manage class affairs and students' mental health issues
- Supervising the dormitory's discipline, environment, and safety
- Coordinating the relationship between teachers and students
- Checking class attendance of 13 classes

**Student Union in University of South China****09/2015 – 06/2019**

Vice Chairwoman

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

**SKILLS**

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