

ZHILIN SU 蘇致霖 (He/Him)

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EDUCATION

- 2022-Present **PhD Psychology**
Centre for Human Brain Health, School of Psychology, University of Birmingham, UK
- Thesis: *The Behavioural and Neurocomputational Mechanisms of Social Learning and Group Decision-Making*
 - Supervisors: Prof. Patricia Lockwood, Prof. Matthew Apps, & Dr Todd Vogel
- 2018-2020 **MSc Cognitive Neuroscience**, 2nd in cohort (GPA: 4.21/4.30)
Graduate Institute of Brain and Mind Sciences, National Taiwan University, Taiwan
- Dissertation: *The Neural Mechanisms Underlying the Influence of Self Affective States on Empathic Responses*
 - Supervisor: Dr Ming-Tsung Tseng
- 2015-2018 **BSc Psychology**, 2nd in cohort (GPA: 4.20/4.30)
Department of Psychology, National Taiwan University, Taiwan
- Early graduation (completed a four-year programme within only three years)
 - Two-year training in Economics

EMPLOYMENT

- 2020-2022 **Research Assistant**
Language Neuroscience Lab, National Taiwan University, Taiwan
- Supervisors: Prof. Tai-Li Chou & Dr Li-Ying Fan
 - Analysed neurocognitive developmental differences between monolingual and bilingual children using fNIRS, in collaboration with University of Michigan

AWARDS

- 2025 **Runner-up, Excellence in Discovery Science Award for an Early-Career Researcher:**
School of Psychology, University of Birmingham.
- 2025 **Neuroeconomics Summer School Scholarship:** INSEAD (€500).
- 2024 **Guarantors of Brain Travel Grant:** Brain: the Charity (£600).
- 2024 **Best Poster Award:** British Association for Cognitive Neuroscience (£50).
- 2024 **Postgraduate Research Student Travel Fund Award:** University of Birmingham (£590).
- 2022-Present **Government Scholarship for Overseas Study:** Ministry of Education in Taiwan (\$202,000).
- Full funding for four-year doctoral studies
- 2020 **Excellent Teaching Assistant Award:** National Taiwan University (£135).
- 2016-2018 **Presidential Awards:** Department of Psychology, National Taiwan University (£210).
- Awarded to students ranking top 5% in department in semester
- 2018 **Travel Grants:** National Taiwan University (£135).
- 2016 **Chin-yi Chu & Tain-jy Chen Scholarship:** Department of Economics, National Taiwan University (£270).

- Awarded to students with an outstanding record of academic performance in Economics

PUBLICATIONS

- [1] **Su, Z.**, Garvert, M. M., Zhang, L., Vogel, T. A., Cutler, J., Husain, M., Manohar, S. G., Lockwood, P. L. (2025). Dorsomedial and ventromedial prefrontal cortex lesions differentially impact social influence and temporal discounting. *PLOS Biology*. <https://doi.org/10.1371/journal.pbio.3003079>.
- [2] **Su, Z.**, Garvert, M. M., Zhang, L., Manohar, S. G., Vogel, T. A., Thomas, L., Balsters, J. H., Husain, M., Apps, M. A. J., & Lockwood, P. L. (2024). Older adults are relatively more susceptible to impulsive social influence than young adults. *Communications Psychology*. <https://doi.org/10.1038/s44271-024-00134-0>.
- [3] **Su, Z.** & Lockwood, P. L. (*in press*). The neuroeconomics of social influence and contagion. In Fareri, D. S., Smith, D. V., & Lockwood, P. L. (Eds), *Neuroeconomics: Core topics and current directions*. Springer Nature. <https://osf.io/preprints/psyarxiv/tgmi3>.
- [4] Hsieh, Y.-C., Konovalov, A., **Su, Z.**, Manohar, S. G., Apps, M. A. J., Husain, M., Ruff, C. C., Lockwood, P. L. (*under review*). Preserved mentalising during strategic interactions after medial prefrontal cortex damage.

CONFERENCE PRESENTATIONS

- [1] **Su, Z.**, Berry, E., Vogel, T. A., Apps, M. A. J., Lockwood, P. L. (November, 2025). *Time it takes to reach consensus in group foraging depends on the expected value of the environment*. [Poster]. The Mechanistic Basis of Foraging Conference, Birmingham, UK.
- [2] **Su, Z.**, Garvert, M. M., Zhang, L., Vogel, T. A., Cutler, J., Husain, M., Manohar, S. G., Lockwood, P. L. (September, 2025). *Dorsomedial and ventromedial prefrontal cortex lesions differently impact social influence and temporal discounting*. [Poster]. Annual Meeting of Society for Social Neuroscience (S4SN), Lisbon, Portugal.
- [3] Lin, M.-M., **Su, Z.**, & Tseng, M.-T. (April, 2025). *Social comparison contexts influence empathy for pain: an fMRI research*. [Poster]. Annual Meeting of Social and Affective Neuroscience Society (SANS), Chicago, IL, USA.
- [4] **Su, Z.**, Garvert, M. M., Zhang, L., Vogel, T. A., Cutler, J., Husain, M., Manohar, S. G., Lockwood, P. L. (October, 2024). *Dorsomedial and ventromedial prefrontal cortex lesions differently impact social influence and temporal impulsivity*. [Poster]. Annual Meeting of Society for NeuroEconomics (SNE), Cascais, Portugal.
- [5] **Su, Z.**, Garvert, M. M., Zhang, L., Vogel, T. A., Cutler, J., Husain, M., Manohar, S. G., Lockwood, P. L. (September, 2024). *Dorsomedial and ventromedial prefrontal cortex lesions differently impact social influence and temporal impulsivity*. [Poster]. Annual Meeting of British Association of Cognitive Neuroscience, London, UK. **<Best Poster Award>**
- [6] Lin, M.-M., **Su, Z.**, & Tseng, M.-T. (August, 2024). *Effects of emotions in the self on empathy: the role of social comparison*. [Poster]. International Association for the Study of Pain (IASP) World Congress on Pain, Amsterdam, Netherlands.
- [7] **Su, Z.**, Garvert, M. M., Zhang, L., Vogel, T. A., Cutler, J., Husain, M., Manohar, S. G., Lockwood, P. L. (June, 2024). *Dorsomedial prefrontal cortex (dmPFC) has a causal role in social influence*. [Short talk]. School of Psychology Research Impact Event, University of Birmingham, Birmingham, UK.
- [8] **Su, Z.**, Garvert, M. M., Zhang, L., Manohar, S. G., Vogel, T. A., Thomas, L., Balsters, J. H., Husain, M., Apps, M. A. J., & Lockwood, P. L. (October, 2023). *Older adults are more susceptible to impulsive social influence*. [Poster]. International Conference on Motivational and Cognitive Control, Lyon, France.

- [9] **Su, Z.**, Garvert, M. M., Zhang, L., Manohar, S. G., Vogel, T. A., Thomas, L., Balsters, J. H., Husain, M., Apps, M. A. J., & Lockwood, P. L. (July, 2023). *Older adults are more susceptible to impulsive social influence*. [Poster]. School of Psychology Research Impact Event, University of Birmingham, Birmingham, UK.
- [10] **Su, Z.** & Tseng, M.-T. (April, 2021). *The neural mechanisms underlying the influence of self affective states on empathic responses*. [Poster]. Annual Meeting of Social and Affective Neuroscience Society (SANS), Santa Barbara, CA, USA. (online)
- [11] **Su, Z.** & Tseng, M.-T. (October, 2020). *The neural mechanisms underlying the influence of self affective states on empathic responses*. [Poster]. Annual Conference of Taiwanese Psychological Association, Taipei, Taiwan. (online)
- [12] **Su, Z.** & Yeh, C.-I. (May, 2018). *The influence of top-down factors on the interpersonal touch experience*. [Poster]. Joint Conference of PKU/NTU/CUHK Psychology Departments, Hong Kong.

TEACHING EXPERIENCE

2025	Computer Practical Tutor , Research Methods B, University of Birmingham
2020	Teaching Assistant , Fundamentals of English Writing, National Taiwan University <ul style="list-style-type: none"> Received Excellent Teaching Assistant Award
2019	Teaching Assistant , Critical Thinking into Critical Writing, National Taiwan University

ADDITIONAL TRAININGS

2025	Neuroeconomics Summer School INSEAD, France
2024	Birmingham-Leiden Computational Social Cognition Summer School University of Birmingham, UK
2022	Computational Psychiatry Course Translational Neuromodeling Unit, University of Zurich & ETH Zurich, Switzerland <ul style="list-style-type: none"> Won the mini competition of the tutorial session 'Reinforcement Learning using the hBayesDM Package' using R
2022	Computational Neuroscience Course Neuromatch Academy (online) <ul style="list-style-type: none"> Completed a group project regarding the performance comparison between univariate and multivariate fMRI analyses using Python

JOURNAL AD HOC REVIEWER

PNAS (co-reviewing with supervisor)
Journal of Experimental Psychology: General (co-reviewing with postdoc)

PROFESSIONAL SOCIETY MEMBERSHIPS

British Association of Cognitive Neuroscience (BACN)
 Society for NeuroEconomics (SNE)
 Society for Social Neuroscience (S4SN)

SKILLS

Programming R, Python (oTree), Stan, MATLAB, JavaScript
Computer JASP, Presentation, E-Prime, PsychoPy, LaTeX
Languages Mandarin (native), English (fluent, IELTS 8.0), French (basic, DELF A2)