

Yi Jin Leow
PhD Student in Organisational Behaviour and Human Resources
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RESEARCH & PROFESSIONAL PROFILE

I bring a hybrid profile at the intersection of organisational behaviour and human resources, clinical psychology, and clinical neuroscience, with a strong foundation in research design and execution, statistical analysis, psychometrics and academic writing. I have experience conducting multi-method research studies and clinical research, publishing in Tier 1 peer-reviewed journals, and communicating science through study protocols, grant applications and ethics submissions. Methodologically, I am well versed in experimental and longitudinal designs, qualitative interviewing, and mixed-methods approaches, and proficient in SPSS, R, Jamovi, Mplus and Stata.

As a psychologist, I have expertise in neuropsychological assessment and psychological therapy, including evidence-based interventions such as cognitive behavioural therapy and mindfulness-based approaches. My training in advanced interviewing, systematic observation, and behavioural analysis strengthens my research on cognition, emotion, and behaviour at work. I also have extensive experience managing clinical research operations, including protocol development, study logistics, participant recruitment and management, participant safety, data governance, adverse-event reporting, and regulatory compliance in human-subjects research.

Alongside my research and clinical background, I bring substantial leadership and management experience from serving as Centre Manager of a multidisciplinary research centre at a medical school. In this role, I oversaw strategy, manpower planning, budgeting, operations, staff training, and team culture; coordinated collaborations across universities, hospitals, industry partners, and philanthropic donors; and managed complex deliverables across clinical, academic, and corporate teams. I also developed hands-on expertise in research governance, grant writing, audits, standard operating procedures, and the drafting and negotiation of research collaboration, service, and non-disclosure agreements. Together, these experiences allow me to study work behaviour with psychological depth, methodological rigour, and a practical understanding of how complex organisations operate.

ACADEMIC QUALIFICATIONS

Singapore Management University, Lee Kong Chian School of Business (SMU-LKCSB),
 Singapore (2025–present)
 PhD in Organisational Behaviour and Human Resources (OBHR)

Macquarie University, Sydney, Australia (2016–2019)
 Graduate Diploma of Clinical Psychological Science

James Cook University, Queensland, Australia (2010–2013)
 Bachelor of Psychology (Second Upper Honors), *Awarded Academic Medal for Excellence*

HONOURS AND AWARDS

Karen Legge Bursary, Society for the Advancement of Management Studies (SAMS), 2026
 • Competitive bursary (£1,000) awarded to support workshop attendance and presentation

Singapore Management University (SMU) PhD Fellowship (2025–2029)

- Awarded a Ph.D. scholarship in Organisational Behaviour & Human Resources at SMU

Silver Award Winner, Singapore Young Investigator Award (Clinical Research)

Singapore Health and Biomedical Congress 2024

- Received the Silver Award at the Singapore Health and Biomedical Congress 2024 for the oral presentation “*Mild Behavioral Impairment as a Clinical Correlate of Early Neurodegeneration.*”

Co-Inventor, Patent filed under the Patent Cooperation Treaty (PCT/SG2025/050238, Singapore Priority No.10202401055U)

Module and Method for Generating a Cognitive Score based on Digital Biomarkers

- Co-inventor of POWERD (Protecting Our Wisdom, Enhancing Resilience to Dementia), a digital cognitive stress test app for scalable early detection of cognitive impairment.

RESEARCH GRANTS AND FUNDED PROJECTS

MOE Academic Research Fund (AcRF) Tier 2 Grant, 2026

Exploring the Impact of Digital Transformation on the Dynamics of Human Self-Regulation

Principal Investigator: Ronald Bledow

Total approved funding: S\$365,677

Role: Project collaborator and major contributor to proposal development (formal Co-Investigator designation was unavailable to doctoral students under the scheme's eligibility rules).

A*STAR Decentralized Gap Funding, 2022

POWERD Digital Cognitive Assessment Project

Funding: S\$100,000

Role: Co-inventor, Team Cerebrus

Awarded First Prize and the Innovation Award at the A*STAR Makeathon 2022, securing funding to support further development of POWERD.

SELECTED PUBLICATIONS

- Mohammed, A. A., Vipin, A., **Leow, Y. J.**, Setiabudi, E., Tan, F., Agarwal, H., ... & Kandiah, N. (2026). ReCOGnAlze app to detect vascular cognitive impairment and mild cognitive impairment. *Alzheimer's & Dementia*, 22(2), e70992.
- Wang, J. D. J., **Leow, Y. J.**, Saffari, S. E., Vipin, A., Sandhu, G. K., & Kandiah, N. (2025). Topography of small vessel cerebrovascular disease differentially impacts cognitive domains across cognitive syndromes. *Aging (Albany NY)*, 17(11), 2744.
- Ong, J. J. H., **Leow, Y. J.**, Qiu, B., Tanoto, P., Zailan, F. Z., Sandhu, G. K., & Kandiah, N. (2025). Association of Enlarged Perivascular Spaces with Early Serum and Neuroimaging Biomarkers of Alzheimer Disease Pathology. *Neurology*. 2025;105(6).
- Leow, Y. J.**, Saffari, S. E., Vipin, A., Tanoto, P., Salim, R. B. S. M., Qiu, B., ... & Kandiah, N. (2025). Mild Behavioral Impairment and Cortical Thinning: Biomarkers of Early Neurodegeneration. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.
- Aw, T. B. H., **Leow, Y. J.**, & Kandiah, N. (2025). Association of Plasma p-tau181 and Cognition in Nondemented Subjects Without A β 42/40 Positivity. *The American Journal of Geriatric Psychiatry*.
- Wang, J. D. J., **Leow, Y. J.**, Vipin, A., Sandhu, G. K., & Kandiah, N. (2025). Associations between GFAP, A β 42/40 ratio, and perivascular spaces and cognitive domains in vascular cognitive impairment. *International Journal of Molecular Sciences*, 26(8), 3541.

Tanoto, P., Ye, H. E., Saffari, S. E., **Leow, Y. J.**, Vipin, A., Lee, F. P. H. E., ... & Kandiah, N. (2025). Detection of Vascular Mild Cognitive Impairment in Southeast Asia Using the Visual Cognitive Assessment Test: Machine Learning Analysis From the BIOCIS (Biomarkers and Cognition Study, Singapore). *JMIR aging*, 8(1), e76847.

Wazny, V.K., Mahadevan, A., Nguyen, N., Wee, H., Vipin, A., Lam, T., Tay, K.Y., See, J.X., Sandhu, G., **Leow, Y.J.** and D'Agostino, G., 2025. Chronic cerebral hypoperfusion induces venous dysfunction via EPAS1 regulation in mice. *Nature Communications*, 16(1), p.6302.

Leow, Y. J., Wang, J. D. J., Vipin, A., Sandhu, G. K., Soo, S. A., Kumar, D., ... & Kandiah, N. (2024). Biomarkers and Cognition Study, Singapore (BIOCIS): Protocol, Study Design, and Preliminary Findings. *The Journal of Prevention of Alzheimer's Disease*, 1-13.

Leow, Y. J., Soo, S. A., Kumar, D., Zailan, F. Z. B., ... & Kandiah, N. (2024). Mild Behavioral Impairment and Cerebrovascular Profiles Are Associated with Early Cognitive Impairment in a Community-Based Southeast Asian Cohort. *Journal of Alzheimer's Disease*, 1-9.

Leow, Y. J., Dang, C., & Kandiah, N. (2024). Analysis of the Effectiveness of Structured Cognitive Rehabilitation Therapy in Post-Stroke Cognitive Impairment Patients in Singapore. *Chinese Journal of Nervous and Mental Diseases*, 50(4).

Fisher, P., Chew, K., & **Leow, Y. J.** (2015). Clinical psychologists' use of reflection and reflective practice within clinical work. *Reflective Practice*, 16(6), 731-743.

[Full publication list available here](#)

CONFERENCES AND WORKSHOP HIGHLIGHTS

86th Annual Meeting of the Academy of Management, 2026, Philadelphia, USA.

Oral Presentation (First Author)

"Attention Regulation in an Age of Distraction: From Paying Attention to Inhibiting Distraction"

Journal of Management Studies (JMS) Publishing Workshop, Seoul National University, Republic of Korea, May 2026. Selected for invitation-only paper development workshop.

Alzheimer's Association International Conference (AAIC) 2025, Toronto, Canada.

Oral Presentations (Second Author)

- "Perivascular Spaces as Early Indicators of Alzheimer's Pathology and Cognitive Impairment in a Southeast Asian Cohort: Insights from the BIOCIS Study"
- "Impact of Cerebrovascular Disease on Gender-Specific Cognitive and Biomarker Profiles: Insights from the Southeast Asian BIOCIS Cohort"
- "Interplay of Hypoperfusion and Neuroinflammation: Effects on Biomarkers and Cognition in Mild Cognitive Impairment"
- "Double Burden of Mild Behavioural Impairment and Frailty – Implications for Quality of Life and Cognition in a Southeast Asian Cohort"

Alzheimer's Association International Conference (AAIC) 2024, Philadelphia, USA.

Oral Presentation (First Author)

"Association between Cortical Thickness and Mild Behavioral Impairment in a Southeast Asian Population – Biomarkers and Cognition Study, Singapore (BIOCIS)"

PROFESSIONAL EXPERIENCE

Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore

Centre Manager, Dementia Research Centre, Singapore (DRCS)

January 2022 – August 2025

National Neuroscience Institute, Tan Tock Seng Hospital, Singapore

Associate Psychologist and Clinical Research Coordinator

December 2020 – January 2022

Healthway Medical Group, Psychealth Practice, Singapore

Clinical Psychologist

October 2019 – August 2020

St. Vincent's Hospital Gambling Treatment Unit, Sydney, Australia

Provisional Psychologist

February 2018 – May 2018

Macquarie University Psychology Clinic, Sydney, Australia

Provisional Psychologist

August 2017 – May 2018

Spectrum Learning, Singapore

Psychologist (Research and Development)

March 2015 – June 2015

Autism Partnership, Singapore

Program Therapist

September 2014 – February 2015