

Frederick H. F. CHAN

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Education

- 2025 **Doctor of Philosophy (Ph.D.) in Health Psychology**
Lee Kong Chian School of Medicine, Nanyang Technological University
- 2020 **Master of Philosophy (M.Phil.) in Experimental Psychopathology**
Department of Psychology, The University of Hong Kong
- 2018 **Bachelor of Social Sciences (B.Soc.Sc.) in Psychology**
Department of Psychology, The University of Hong Kong

Academic Appointment

- 2025-present **Research Assistant Professor**
Department of Social Work and Social Administration, The University of Hong Kong

Awards & Honours

- 2024 **Fred Long Award for Research Excellence**, Singapore Psychological Society
Best Postgraduate Research Award, Singapore Psychological Society
- 2023 **Best Postgraduate Research Award**, Singapore Psychological Society
EHPS Conference Grant, European Health Psychology Society
- 2021 **Li Ka Shing Prize for the Best M.Phil. Thesis**, The University of Hong Kong

Fellowships & Scholarships

- 2021-2025 **NTU Research Scholarship**, Nanyang Technological University
- 2018-2020 **Postgraduate Scholarship**, The University of Hong Kong
- 2017 **Rosita King Ho Scholarship**, The University of Hong Kong
- 2016 **Serena Yang Award**, The University of Hong Kong

Journal Articles

2025

Zhu, X.* , **Chan, F. H. F.**, Griva, K. (2025) Reframing the narrative in diabetes-related foot ulcer care: a primary care perspective. *Diabetic Medicine*. <https://doi.org/10.1111/dme.70143>

Weng, J., Zhu, X.* , Lee, E. S., **Chan, F. H. F.**, Lim, P. X. H., Goh, L. J., De Roza, J. G., Chen, Y. C., Griva, K. (2025). Psychological determinants of health-related quality of life in primary care patients with diabetic foot ulcers: a cross-sectional study in Singapore. *BJGP Open*. <https://doi.org/10.3399/BJGPO.2025.0091>

Zhu, X.* , Lee, E. S., **Chan, F. H. F.**, Yin, R., Lim, P. X. H., Koh, R. W. S., Judith, C., Wei, L., Li, S., Phrommarad, P., Chin, G. H. Y., Lim, V. H., Low, R. S. Y., Chen, Y. C., Griva, K. (2025). Feasibility and acceptability of a personalised self-care support programme for primary care patients with diabetic foot ulcer delivered by wound care nurses: the HEALing study protocol. *BMJ Open*, 15, e098024. <https://bmjopen.bmj.com/content/15/10/e098024>

Zhu, X.* , Lee, E. S., **Chan, F. H. F.**, Yin, R., Koh, R. W. S., Lim, P. X. H., Judith, C., Lim, V. H., Low, R. S. Y., Chen, Y. C., Chen, Y., Wang, X., Ng, P. P., Tan, C. T. Y., Tan, S., Pereira, K., Griva, K. (2025). Healing through Empowerment and Active Listening (HEALing): Experience-based co-design of a nurse-led personalised self-care support intervention for primary care patients with diabetic foot ulcer. *Health Expectations*, 28, e70386. <https://doi.org/10.1111/hex.70386>

Zhu, X.* , Lee, E. S., Lim, P. X. H., **Chan, F. H. F.**, Chen, Y. C., Griva, K. (2025). "It is a constant battle": A qualitative study of the lived experience of individuals with diabetic foot ulcer and post-healing challenges in primary care. *Diabetic Medicine*, 42, e70096. <https://doi.org/10.1111/dme.70096>

Lenin, C., Lim, P. X. H., Nastar, A., Subramaniam, T., Pek, S., Daccord, M., Evans, E., Print, E., **Chan, F. H. F.**, Griva, K.* (2025). Facilitators and barriers to uptake of genetic and cascade testing in familial hypercholesterolemia: a systematic review. *International Journal of Behavioral Medicine*. <https://doi.org/10.1007/s12529-025-10357-y>

Chan, F. H. F., Lim, P. X. H., Zhu, X., Lee, J., Haroon, S., Lau, T. W. L., Liu, A. Y. L., Khan, B. A., Choo, J. C. J., Davenport, A., Griva, K.* (2025). Patient and health care provider perspectives of cognitive difficulties in dialysis. *Kidney International Reports*, 10(6), 1771-1783. <https://doi.org/10.1016/j.ekir.2025.03.056>

Chan, F. H. F., Sim, P., Lim, P. X. H., Khan, B. A., Choo, J. C. J., Griva, K.* (2025). Development of a rapid screener through network analysis to identify central cognitive complaints in haemodialysis patients: a cross-sectional study. *BMJ Open*, 15, e088502. <https://bmjopen.bmj.com/content/15/3/e088502>

Yin, R., Rajappan, D., Martinengo, L., **Chan, F. H. F.**, Smith, H., Griva, K., Subramaniam, M., Tudor Car, L.* (2025). Depression self-care apps' characteristics and applicability to older adults: systematic assessment. *Journal of Medical Internet Research*, 27, e56418. <https://www.jmir.org/2025/1/e56418>

2024

Zhu, X.*, Tjhin, S., Goh, L. J., De Roza, J. G., **Chan, F. H. F.**, Yin, R., Lee, E. S., Griva, K. (2024). Factors associated with foot self-care behaviour and foot screening attendance in people with type 2 diabetes: a cross-sectional study primary care. *BMJ Open*, 14, e088088. <https://bmjopen.bmj.com/content/14/12/e088088>

Chan, F. H. F., Sim, P., Lim, P. X. H., Khan, B. A., Choo, J. C. J., Griva, K.* (2024). Screening for cognitive symptoms in dialysis patients with an extended version of Kidney Disease Quality of Life Cognitive Function subscale (KDQOL-CF): a validation study. *BMC Nephrology*, 25, 434. <https://doi.org/10.1186/s12882-024-03848-9>

Griva, K.*, Lim, P. X. H., **Chan, F. H. F.**, Wong, Y. P., Loei, J., Thach, T. Q., Moskowitz, J., Khan, B. A., Choo, J. (2024). HED-Start: a brief positive psychology cluster-randomized controlled trial to improve psychological adjustment in patients new on hemodialysis. *Annals of Behavioral Medicine*, 58(12), 809-819. <https://doi.org/10.1093/abm/kaae052>

Chan, F. H. F., Sim, P., Lim, P. X. H., Zhu, X., Lee, J., Haroon, S., Lau, T. W. L., Liu, A. Y. L., Khan, B. A., Choo, J. C. J., Griva, K.* (2024). Structural equation modelling of the role of cognition in functional interference and treatment nonadherence among haemodialysis patients. *PLoS ONE*, 19(10), e0312039. <https://doi.org/10.1371/journal.pone.0312039>

Chan, F. H. F., Sim, P., Lim, P. X. H., Khan, B. A., Choo, J. C. J., Griva, K.* (2024). Exploring the cognitive profiles of haemodialysis patients using objective and subjective indicators: a cross-sectional observational study. *International Journal of Behavioral Medicine*. <https://doi.org/10.1007/s12529-024-10301-6>

Zhu, X., Lee, E. S., **Chan, F. H. F.**, Lim, P. X. H., Chen, Y. C., Griva, K.* (2024). Foot self-care behaviour in primary care patients with diabetic foot ulcers: structural equation modelling of psychosocial predictors. *International Wound Journal*, 21, e14897. <https://doi.org/10.1111/iwj.14897>

2023

Chan, F. H. F., Goh, Z. Z. S., Zhu, X., Tudor Car, L., Newman, S., Khan, B. A., Griva, K.* (2023). Subjective cognitive complaints in end-stage renal disease: a systematic review and meta-analysis. *Health Psychology Review*, 17(4), 614-640. <https://doi.org/10.1080/17437199.2022.2132980>

Chan, F. H. F., Tao, T. J., Jin, J., Lau, J. Y. F., Barry, T. J.* (2023). The impact of interpretation biases on psychological responses to the COVID-19 pandemic: a

prospective study. *International Journal of Behavioral Medicine*, 30, 1-6.
<https://doi.org/10.1007/s12529-022-10079-5>

Zhu, X., Lee, E. S., Lim, P. X. H., Chen, Y. C., **Chan, F. H. F.**, Griva, K.* (2023). Exploring barriers and enablers of self-management behaviours in patients with diabetic foot ulcer: a qualitative study from perceptions of patients, caregivers, and healthcare professionals in primary care. *International Wound Journal*, 20(7), 2764-2779. <https://doi.org/10.1111/iwj.14153>

Chan, F. H. F., Newman, S., Khan, B. A., Griva, K.* (2023). Prevalence and trajectories of subjective cognitive complaints and implications for patient outcomes: a prospective study of haemodialysis patients. *British Journal of Health Psychology*, 28(3), 651-671. <https://doi.org/10.1111/bjhp.12645>

2022 **Chan, F. H. F.**, Newman, S., Khan, B. A., Griva, K.* (2022). The role of subjective cognitive complaints in self-management among haemodialysis patients: a cross-sectional study. *BMC Nephrology*, 23, 363.
<https://doi.org/10.1186/s12882-022-02994-2>

Chan, F. H. F., Suen, H., Chan, A. B., Hsiao, J. H., Barry, T. J.* (2022). The effects of attentional and interpretation biases on later pain outcomes among younger and older adults: a prospective study. *European Journal of Pain*, 26(1), 181-196. <https://doi.org/10.1002/ejp.1853>

Chan, F. H. F., Lin, X., Griva, K., Subramaniam, M., Čelić, I., Tudor Car, L.* (2022). Information needs and sources of information among people with depression and anxiety: a scoping review. *BMC Psychiatry*, 22, 502.
<https://doi.org/10.1186/s12888-022-04146-0>

Tao, T. J., **Chan, F. H. F.**, Jin, J., Barry, T. J.* (2022). The effects of efficacy framing in news information and health anxiety on COVID-19-related cognitive outcomes and interpretation bias. *Journal of Experimental Psychology: General*, 151(11), 2943-2956. <https://doi.org/10.1037/xge0001223>

2021 Griva, K.*, Tan, K. Y. K., **Chan, F. H. F.**, Periakaruppan, R., Ong, B. W. L., Soh, A. S. E., Chen, M. I. (2021). Evaluating rates and determinants of COVID-19 vaccine hesitancy for adults and children in the Singapore population: Strengthening Our Community's Resilience Against Threats from Emerging infections (SOCRATES) cohort. *Vaccines*, 9(12), 1415.
<https://doi.org/10.3390/vaccines9121415>

2020 **Chan, F. H. F.**, Jackson, T., Hsiao, J. H., Chan, A. B., Barry, T. J.* (2020). The interrelation between interpretation biases, threat expectancies and pain-related attentional processing. *European Journal of Pain*, 24(10), 1956-1967.
<https://doi.org/10.1002/ejp.1646>

Chan, F. H. F., Takano, K., Lau, J. Y. F., Barry, T. J.* (2020). Evaluation of the factor structure and content specificity of the Interpretation Bias Task (IBT). *Cognitive Therapy and Research*, 44, 1213-1224.
<https://doi.org/10.1007/s10608-020-10138-9>

Chan, F. H. F., Suen, H., Jackson, T., Vlaeyen, J. W. S., Barry, T. J.* (2020). Pain-related attentional processes: a systematic review of eye-tracking research. *Clinical Psychology Review*, 80, 101884.
<https://doi.org/10.1016/j.cpr.2020.101884>

Chan, F. H. F., Barry, T. J.* , Chan, A. B., Hsiao, J. H. (2020). Understanding visual attention to face emotions in social anxiety using hidden Markov models. *Cognition and Emotion*, 34(8), 1704-1710.
<https://doi.org/10.1080/02699931.2020.1781599>

Ng, D. W. L., **Chan, F. H. F.,** Barry, T. J., Lam, C., Chong, C. Y., Kok, H. C. S., Liao, Q. Y., Fielding, R., Lam, W. W. T.* (2020). Psychological distress during the 2019 Coronavirus Disease (COVID-19) pandemic among cancer survivors and healthy controls. *Psycho-Oncology*, 29(9), 1380-1383.
<https://doi.org/10.1002/pon.5437>

Chan, F. H. F., Suen, H., Hsiao, J. H., Chan, A. B., Barry, T. J.* (2020). Interpretation biases and visual attention in the processing of ambiguous information in chronic pain. *European Journal of Pain*, 24(7), 1242-1256.
<https://doi.org/10.1002/ejp.1565>

Book Chapter

Chan, F. H. F., Newman, S. P., Griva, K. (2025). Coping with symptoms and treatments. In R. Sanderman & K. Morgan (Eds.), *The Routledge International Handbook of Health Psychology: Global and Contemporary Issues* (pp. 362-378). Routledge. <http://dx.doi.org/10.4324/9781003318026-27>

Selected Conference Presentations

- 2025 **Chan, F. H. F.,** Koh, R. W. S., Griva, K. (2025). Communicating the health implications of environmental issues: a systematic review of the health framing effects in climate messaging. Oral presentation at the 18th International Congress of Behavioral Medicine, Vienna, Austria.
- 2024 **Chan, F. H. F.,** Sim, P., Lim, P. X. H., Khan, B. A., Choo, J. C. J., Griva, K. (2024). Identifying central cognitive complaints among dialysis patients and developing a short screener using network analysis. Poster presentation at the 38th Annual Conference of the European Health Psychology Society, Cascais, Portugal.

- 2023 **Chan, F. H. F.,** Sim, P. Z., Lim, P. X. H., Khan, B. A., Choo, J., Griva, K. (2023). A mixed-method study on neuropsychological impairments and everyday cognitive difficulties in haemodialysis patients. Poster presentation at the Society of Behavioural Health Singapore Scientific Meeting 2023, Singapore.
- Chan, F. H. F.,** Sim, P. Z., Lim, P. X. H., Khan, B. A., Choo, J., Griva, K. (2023). Exploring the role of cognition in functional disability and treatment nonadherence in haemodialysis patients: a structural equation modelling analysis. Poster presentation at the 21st Edition of the Singapore Health & Biomedical Congress, Singapore.
- Chan, F. H. F.,** Sim, P. Z., Lim, P. X. H., Zhu, J. X., Khan, B. A., Newman, S., Griva, K. (2023). The extent and context of subjective cognitive complaints in haemodialysis and implications for patient outcomes. Oral presentation at the 37th Annual Conference of the European Health Psychology Society, Bremen, Germany.
- 2022 **Chan, F. H. F.,** Newman, S., Khan, B. A., Griva, K. (2022). Prevalence and trajectories of subjective cognitive complaints and implications for self-care behaviour among haemodialysis patients: a prospective study. Poster presentation at the 20th Edition of the Singapore Health & Biomedical Congress, Singapore.
- Chan, F. H. F.,** Goh, Z. Z. S., Zhu, X., Tudor Car, L., Newman, S., Khan, B. A., Griva, K. (2022). Subjective cognitive complaints in end-stage renal disease: a systematic review and meta-analysis. Poster presentation at the 36th Annual Conference of the European Health Psychology Society, Bratislava, Slovakia.
- 2020 **Chan, F. H. F.** (2020). A longitudinal eye-tracking study on the predictive role of cognitive biases in pain chronicity. Oral presentation at the 20th Annual Research Postgraduate Conference of the University of Hong Kong, Hong Kong.
- Chan, F. H. F.,** Suen, H., Barry, T. J. (2020). Interpretation and attentional processing for ambiguous information in chronic pain: a data-driven machine-learning study. Poster presentation at the 41st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA, USA.
- Chan, F. H. F.,** Takano, K., Suen, H., Barry, T. J. (2020). Interpretation bias for ambiguous situations: its psychometric properties and association with eye movements. Poster presentation at the 41st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA, USA.
- 2019 **Chan, F. H. F.,** Barry, T. J., Chan, A. B., Hsiao, J. H. (2019). Hidden Markov modelling of eye movements in social anxiety: a data-driven machine-learning approach to eye-tracking research in psychopathology. Poster presentation at the 39th Annual Conference of Anxiety and Depression Association of America, Chicago, Illinois, USA.

Teaching Experience

APRU Global Health Program

Facilitator, APRU Global Health Mini Certificate Training in Health Research Ethics (2023 Fall)

Nanyang Technological University

Teaching Assistant, Global Health Leadership in Practice (2023 Fall)

Teaching Assistant, Introduction to Health Coaching (2022 Spring, 2022 Fall)

The University of Hong Kong

Tutor, Introduction to Psychopathology (2019 Fall)

Professional Activities

Affiliation

European Health Psychology Society (2022-present)

Editorial

Managing Editor (2024-present), International Journal of Behavioral Medicine

Leadership

Membership Officer (2023-present), Special Interest Group in Digital Health & Computer-Tailoring, European Health Psychology Society

Conference

Oral Session Chair (2024), Living with health conditions of oneself or others, 38th Annual Conference of the European Health Psychology Society, Cascais, Portugal

Peer review

Neuroscience and Biobehavioral Reviews; International Journal of Clinical and Health Psychology; Internet Interventions; Cognition; Scientific Reports; International Journal of Behavioral Medicine; Acta Psychologica; Kidney International Reports; Journal of Renal Nutrition