

Curriculum Vitae

Contact Information

Name Muhammad Umair Khan

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Address MB439G, Aston University, Birmingham B4 7ET

Academic Qualification

2020 PhD (Medication adherence and optimisation), The University of Sydney, Australia

2008 MSc (Pharmacotherapy & Medicines Management), University of Sunderland, UK

2007 Bachelor of Pharmacy, University of Karachi, Pakistan

Further Training – Research

2019 Discrete Choice Analysis, The University of Sydney, Australia

2018 Qualitative Research, The Children's Hospital, Westmead, Australia

2018 Systematic Review and Meta-analysis, Cochrane Australia

Further Training – Teaching & Learning

2022 Fellow of Higher Education (FHEA), AdvanceHE, UK

2022 PG Certificate Learning and Teaching in Higher Education, Aston University

2022 Designing for Digital Teaching and Learning, Blackboard Academy

2020 University Teaching, The University of Hong Kong

Work Experience

2021 – Present Lecturer in Clinical Pharmacy, Aston University, UK

2018 – 2019 Sessional Teaching Staff, The University of Sydney, Australia

2017 – 2019 Sessional Teaching Staff (Distance Teaching), University of Tasmania, Australia

2014 – 2016 Lecturer in Clinical Pharmacy, UCSI University, Malaysia

2010 – 2013 Assistant Professor, Ziauddin University, Pakistan

2008 – 2009 Prescribing Assistant, Church View Medical Centre, UK

2006 – 2007 Hospital Pharmacist, Liaquat National Hospital

Awards / Scholarships

2023 Funding for PPI work (£350), NIHR RDS West Midlands, UK

2019 Travel Award (ADU200), Australasian Pharmaceutical Science Association, Australia

2019 Postgraduate Research Support Scheme (AUD2,077), The University of Sydney, Australia

2018 Postgraduate Research Support Scheme (AUD3000), The University of Sydney, Australia

- 2016 Australian Postgraduate Award (\$26,288 p/a), The University of Sydney, Australia
- 2016 International Postgraduate Research Scholarship, The University of Sydney, Australia
- 2015 Promising Researcher of the Year Award (MYR10,000) UCSI University, Malaysia

Key Publications (Past 5 years) (Career Citations > 2000; h-index = 26)

- **Khan, M.U.**, Hasan, S.S., 2024. Phase-specific strategies and interventions to enhance medication adherence across different phases in ADHD: a systematic review and meta-analysis. *Expert Review of Neurotherapeutics*. <https://doi.org/10.1080/14737175.2024.2360118>
- **Khan, M.U.**, Balbontin, C., Bliemer, M. and Aslani, P., 2023. Using discrete choice experiment to investigate patients' and parents' preferences for initiating ADHD medication. *Journal of Mental Health*, 32(2), pp.373-385.
- **Khan, M.U.**, Balbontin, C., Bliemer, M.C. and Aslani, P., 2022. Eliciting preferences for continuing medication among adult patients and parents of children with attention-deficit hyperactivity disorder. *Health Expectations*, 25(3), pp.1094-1107.
- Ahmad, A., **Khan, M.U.** and Aslani, P., 2022. Patient preferences for the treatment of type 2 diabetes in Australia: a discrete choice experiment. *Journal of Diabetes & Metabolic Disorders*, 21(1), pp.229-240.
- Ahmad, A., **Khan, M.U.** and Aslani, P., 2022. The role of religion, spirituality and fasting in coping with diabetes among Indian migrants in Australia: A qualitative exploratory study. *Journal of religion and health*, pp.1-24.
- Hasan, S.S., Bal, N., Baker, I., Kow, C.S. and Khan, **M.U.**, 2022. Adverse drug reaction reporting and prescribing trends of drugs for attention deficit hyperactivity disorder in primary care England, 2010–2019. *Journal of Attention Disorders*, 26(3), pp.467-475.
- Ahmad, A., **Khan, M.U.** and Aslani, P., 2021. A qualitative study on medication taking behaviour among people with diabetes in Australia. *Frontiers in pharmacology*, 12, p.693748.
- Rabeea, S.A., Merchant, H.A., **Khan, M.U.**, Kow, C.S. and Hasan, S.S., 2021. Surging trends in prescriptions and costs of antidepressants in England amid COVID-19. *DARU Journal of Pharmaceutical Sciences*, 29, pp.217-221.
- **Khan, M.U.** and Aslani, P., 2021. Exploring factors influencing initiation, implementation and discontinuation of medications in adults with ADHD. *Health Expectations*, 24, pp.82-94.
- **Khan, M.U.**, Brien, J.A. and Aslani, P., 2020. The use of discrete choice experiments in adherence research: a new solution to an old problem. *Research in Social and Administrative Pharmacy*, 16(10), pp.1487-1492.
- **Khan, M.U.** and Aslani, P., 2020. Exploring factors influencing medication adherence from initiation to discontinuation in parents and adolescents with attention deficit hyperactivity disorder. *Clinical pediatrics*, 59(3), pp.285-296.
- **Khan, M.U.** and Aslani, P., 2020. A review of measures used to examine medication adherence in people with ADHD at initiation, implementation and discontinuation of pharmacotherapy. *Research in Social and Administrative Pharmacy*, 16(3), pp.277-289.
- **Khan, M.U.** and Aslani, P., 2019. A review of factors influencing the three phases of medication adherence in people with attention-deficit/hyperactivity disorder. *Journal of Child and Adolescent Psychopharmacology*, 29(6), pp.398-418.
- **Khan, M.U.**, Kohn, M. and Aslani, P., 2019. The need for a paradigm shift in adherence research: the case of ADHD. *Research in Social and Administrative Pharmacy*, 15(3), pp.318-320.
- Mohammad, A., Bheemavarapu, H., **Khan, M.U.**, Khan, A., Ahmad, A., Hassali, M.A.A. and Blebil, A.Q., 2018. A cross-sectional survey to assess the knowledge, attitudes and common barriers to the reporting of adverse drug reactions by the general public in Malaysia. *Journal of Pharmacy Practice and Research*, 48(4), pp.348-355.
- Mohammad, A., Bheemavarapu, H., **Khan, M.U.**, Khan, A., Ahmad, A., Hassali, M.A.A. and Blebil, A.Q., 2018. A cross-sectional survey to assess the knowledge, attitudes and common barriers to the reporting of adverse drug reactions by the general public in Malaysia. *Journal of Pharmacy Practice and Research*, 48(4), pp.348-355.

A complete list of publications can be accessed here:

https://scholar.google.com/citations?hl=en&user=I3QK1SkAAAAJ&view_op=list_works&sortby=pupdate

Correspondence in The Lancet Series Journals

- **Khan, M.U.**, Ahmad, A. and Balkrishnan, R., 2017. Polio and cross-border management. *The Lancet Infectious Diseases*, 17(2), p.136.
- **Khan, M.U.** and Ahmad, A., 2017. Availability and affordability of life-saving vaccines. *The Lancet Infectious Diseases*, 17(2), pp.136-137.
- Ahmad, A., Patel, I. and **Khan, M.U.**, 2017. Pharmaceutical waste and antimicrobial resistance. *The Lancet Infectious Diseases*, 17(6), pp.578-579.
- Ahmad, A., **Khan, M.U.** and Balkrishnan, R., 2016. Fixed-dose combination antibiotics in India: global perspectives. *The Lancet Global Health*, 4(8), p.e521.
- **Khan, M.U.** and Ahmad, A., 2015. Polio vaccination in Pakistan. *The Lancet*, 386(9991), p.337.

Book Chapter

- **Khan MU**, Aslani P. Role of pharmacists in the management of ADHD. *Encyclopedia of Pharmacy Practice and Clinical Pharmacy*. Elsevier. 2019

Key Conference Abstracts

- Arief M, Bheemavarapu H, Hassali A, **Khan MU**, Ahmad A. Assessment of Malaysian pregnant women's knowledge, attitude and barriers towards influenza vaccination. *Value in Health*. 2018 Oct 1;21:S237.
- **Khan MU**, Ahmad A, Elkalmi RM, Zaidi ST. A Cross-Sectional Survey of Community Pharmacists towards Antimicrobial Stewardship in Malaysia. *Value in Health*. 2016 May 1;19(3):A25.

Key Oral Presentations

- Eliciting preferences for continuing medication among adult patients and parents of children with attention-deficit hyperactivity disorder, **Medicines Optimisation Research Group**, UK, 2022
- Medication adherence and decision-making in people with ADHD and their carers, **University of Reading**, 2023

Key Poster Presentations

- A qualitative study exploring factors influencing the three phases of medication adherence in ADHD, presenting at **Australasian Pharmaceutical Science Association, Melbourne**, 2019
- Factors influencing medication adherence in patients with attention-deficit hyperactivity disorder, presented at **78th FIP Congress of Pharmacy and Pharmaceutical Sciences, Glasgow**, 2018

Research Supervision

Current

- 1 PhD (Associate Supervisor)
- 4 MPharm Research Projects

Completed

- 8 MPharm/Undergraduate Research Projects

Reviewer / Examiner

- Reviewed research articles for than 15 journals including WHO, BMC Series Journals, Frontiers and other top-quality journals in my area of research.
- Serving on a review panel for Aston REF2028 submissions.
- Internal examiner of a PharmD (Professional Doctorate) student at Aston University