

FACULTY PROFILE



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Professional Summary

- Medical and Health Officer, Ministry of Health Malaysia (1985-1989)
- Lecturer, Department of Community Health, Fac. of Medicine, National University of Malaysia (1989-98)
- Associate Professor, Department of Community Health, Faculty of Medicine, National University of Malaysia (1989-1998)
- Professor and Head of Department of Community Health, Faculty of Medicine, National University of Malaysia (1998-2006)
- Professor and Senior Research Fellow, International Institute for Global Health, United Nations University (2007-2013)
- Professor and Head, International Centre for Casemix and Clinical Coding, Faculty of Medicine, National University of Malaysia (2014-2015)
- Professor, Department of Health Policy and Management, Faculty of Public Health, Kuwait University (2016-present)

Dr Aljunid's main interest is in the strengthening of national health care systems through research and development in health policy, health economics and financing. He was responsible for the development of Master of Public Health Programme, Master of Science in Public Health (Health Economics and Hospital Management), DrPH Programme and PhD programme in Public Health and Hospital Management in a number of countries in Asia and Middle East. He has supervised more than 50 PhD candidates in the areas of public health, health policy, health economics and hospital management. He has vast experience in health economic methodologies and techniques including Cost-Analysis, Cost Effectiveness and Cost Benefit Analysis. He has conducted more than 60 research projects, most which are to support decision making on new technologies in developing countries. He owned 6 copyrights and patents from his research output. He is currently involved in supporting a number of developing countries to develop and implement casemix systems for provider payment methods under Social Health Insurance programmes for universal health coverage. His work on casemix systems covers research and capacity building programmes in many countries around the world including Malaysia, Indonesia, Philippines, Mongolia, Vietnam, Bhutan, China, Saudi Arabia, United Arab Emirates, Sudan, Nepal, Uruguay, Iran, Chile, Kenya and Ghana. He has published more than 170 journal articles, book chapters and scientific reports. He has presented more than 250 papers in international conferences seminars and workshops. He has authored and co-authored 5 books. His recent book is *Development of Pharmacy Service Weights in the Implementation of Casemix System for provider payment: Concepts, Methods and Applications*.

Education and Training

- MD, 1985, National University of Malaysia
- MSc (Public Health), 1989, National University of Singapore
- PhD (Health Economics and Financing), 1995, London School of Hygiene and Tropical Medicine

- DLSHTM (Health Policy), 1995, London School of Hygiene and Tropical Medicine
- Fellow of Academy of Medicine Malaysia (2002)
- Fellow of Public Health Medicine Malaysia (2010)
- Fellow of Academy of Science Malaysia (2018)

Selected Publications

- Syed Mohamed Aljunid and Saad Ahmed Ali Jadoo (2018) Factors Influencing the Total Inpatient Pharmacy Cost at a Tertiary Hospital in Malaysia: A Retrospective Study. *Inquiry: The Journal of Health Care Organisation, Provision and Financing*. 55: 1-8
- Aidalina Mahmud and Syed Mohamed Aljunid (2018) Availability and accessibility of subsidized mammogram screening program in peninsular Malaysia: A preliminary study using travel impedance approach. *PLoS ONE* 13(2): e0191764. Doi: 10.1371/journal.pone.0191764
- Faisal Almaslami, Syed Mohamed Aljunid and Khalid Ghailan (2018). Demographic determinants and outcome of in vitro fertilization (IVF) services in Saudi Arabia. *Journal of International Medical Research*: 18:1–8 DOI: 10.1177/0300060517749329
- S. A. Zafirah, Amrizal Muhammad, Sharifa Ezat Wan Puteh and Syed Mohamed Aljunid (2018) Potential loss of revenue due to errors in clinical coding during the implementation of the Malaysia diagnosis related group (MY-DRG®) Casemix system in a teaching hospital in Malaysia *BMC Health Services Research*. 18:(38): 2-11
- Syed Aljunid, Namaitijiang Maimaiti, Amrizal M Nur & Mohd Rushdan Md Noor and Sharifa Ezat Wan Puteh (2016). Cost-effectiveness of HPV Vaccination regime: comparing twice versus thrice vaccinations dose regime among adolescent girls in Malaysia. *BMC Public Health* 16: 71 : 2-5
- Sima Barmania and Syed Mohamed Aljunid (2017). Premarital HIV Testing in Malaysia: A qualitative exploratory study on the views of major stakeholders involved in HIV prevention. *BMC International Health and Human Rights*. 17 (12): 2- 10
- Taha Almahbashi , Syed Mohamed Aljunid and Aniza Ismail (2017) Health labour market requirements of health professional education in Yemen. *Eastern Mediterranean Health Journal*. 23(6): 415-421
- Sima Barmania and Syed Mohamed Aljunid (2016). Navigating HIV prevention policy and Islam in Malaysia: Contention, compatibility or reconciliation? Findings from In-depth interviews among Key Stakeholders. *BMC Public Health* 16: 71 : 524-53
- Sima Barmania and Syed Mohamed Aljunid (2016). Faith-based Health Care. Correspondence. *Lancet* 487: January: 429
- Tuti Ningseh Mohd Dom, Rasidah Ayob, Khairiyah Abd Muttalib and Syed Mohamed Aljunid (2016). National Economic Burden Associated with Management of Periodontitis in Malaysia. *International Journal of Dentistry* Volume 2016: 1-6
- Soraya A, Syed Mohamed Aljunid , Namaitijiang Maimaiti, Al-Abed Ali, Amrizal M Nur, Madeleine De Rosas-Valera, Joyce Encluna, Rosminah Mohamed, Bambang Wibowo, Kalsum Komaryani and Craig Roberts (2016). Assessing the Burden of Pneumonia using administrative data from Malaysia, Indonesia and the Philippines. *International Journal of Infectious Diseases*. <http://dx.doi.org/doi:10.1016/j.ijid.2016.05.021>
- Syed Aljunid, Namaitijiang Maimaiti, Zafar Ahmed, Amrizal Muhammad Nur & Zaleha Md Isa, Soraya Azmi and Saperi Sulong (2014) Economic Impact of Pneumococcal Protein-D Conjugate Vaccine (PHiD-CV) on the Malaysian National Immunization Programme. *Value in Health Regional Issues* 3C: 146-155.
- Syed Mohamed Aljunid, Namaitijiang , Zafar A, Amrizal M Nur, Norashidah MN, Normazwana I, Sharifah Aizah H, Asrul Akmal S, Mohmad S, Suraya Y, Zanariah M S, Ismail D, Ahmad R M.S, Nazariah AH & Roshanim K (2014) Development Of Clinical Pathway For Mild Cognitive Impairment And Dementia To Quantify Cost Of Age-Related Cognitive Disorders In Malaysia. *Malaysian Journal of Public Health Medicine*. 14(3): 88-96

- Syed Aljunid, Hossein Moshiri & Zafar Ahmed (2013). *Measuring Hospital Efficiency: Theory and Methods*. Casemix Solutions Sdn Bhd, Kuala Lumpur. (ISBN:978-967-11933-03).
- Syed Mohamed Aljunid, Samrit Srithamrongsawat, Wen Chen, Seung Jin Bae, Raoh-Fang Pwu,, Shunya Ikeda, & Ling Xu (2012) *Health-Care Data Collecting, Sharing, and Using in Thailand, China Mainland, South Korea, Taiwan, Japan, and Malaysia*. *Value in Health*: 15: S 132-S138.
- Viroj Tangcharoensathien, Walaiporn Patcharanarumol, Por Ir, Syed Mohamed Aljunid, Ali Ghufon Mukti, Kongsap Akkhavong, Eduardo Banzon, Dang Boi Huong, Hasbullah Thabrany and Anne Mills (2011). *Health Financing Reforms in South East Asia: challenges in achieving universal coverage*. *Lancet* 377: 863-873
- Ahmed Hassan Amara and Syed Mohamed Aljunid (2014). *Non-communicable diseases among refugees and asylum seekers in developing countries: a neglected healthcare need*. *Globalisation and Health* 10: 24
- Saad Ahmed Ali Jadoo; Syed Mohamed Aljunid; Ilker Dastan; Ruqiya Subhi Tawfeeq; Mustafa Ali Mustafa; Kurubaran Ganasegeran; Sami Abdo Radman AlDubai (2015) *Job satisfaction and turnover intention among Iraqi doctors - A descriptive cross-sectional multicentre study*. *Human Resources for Health*.13(21): 1- 11.
- Saad Ahmed Ali Jadoo, Syed Mohamed Aljunid; Amrizal Muhammad Nur; Zafar Ahmed; Dexter Van Dort (2015). *Development of MY-DRG casemix pharmacy service weights in UKM Medical Centre in Malaysia*. *DARU, Journal of Pharmaceutical Sciences*: 1-8

Professional Affiliations

- Co-Chair, Morbidity Technical Advisory Group of ICD-11 Revision of World Health Organisation-Family of International Classification. (2007- 2016)
- Member of WHO-FIC Revision Steering Committee of ICD-11 (2007 – present)
- Executive Council Member of Patient System Classification International (2012-2015)
- President of Public Health Physicians' Association of Malaysia (2012-2016)
- Founding President of Malaysian Society for Pharmacoeconomics and Outcome Research (2012- present)
- Founding President of Malaysian Health Economics Association (2012- present)