

Curriculum Vitae



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1 Personal Particulars

Name Dr. Wan Nor Arifin bin Wan Mansor
Address Unit of Biostatistics and Research Methodology, School of Medical Sciences, Health Campus, Universiti Sains Malaysia, 16150 Kubang Kerian, Kelantan, Malaysia.
Telephone +609 767 6825
Fax +609 765 3370
E-mail wnarifin@usm.my, wnarifin@gmail.com
Website <https://wnarifin.github.io>
Github <https://github.com/wnarifin>

Academic IDs

- GoogleScholar: https://scholar.google.com/citations?user=iWr_cbAAAAAJ&hl=en
- Research Gate: http://www.researchgate.net/profile/Wan_Nor_Arifin/
- ORCID ID: 0000-0001-7786-4251
- Scopus ID: 55630160900
- ResearcherID: N-3707-2015

2 Research Interests

- Development and validation of diagnostic and measurement tools in medical and health sciences.
- Latent variable models (factor analysis, item response theory, finite mixture models).

- Categorical data analysis (logistic, poisson, log-linear regressions).
- Sample size determination.
- Structural equation modelling.

3 Education

3.1 Qualifications

- 2012 M.Sc. (Medical Statistics). Universiti Sains Malaysia.
Thesis title: Confirmatory Factor Analysis (CFA) of USM Emotional Quotient Inventory (USMEQ-i) Among Medical Degree Program Applicants in Universiti Sains Malaysia (USM).
- 2006 M.B.B.S. Bachelor of Medicine, Bachelor of Surgery. International Islamic University of Malaysia.

3.2 Other Skills

Programming R, Python, C++ (basic), Javascript, Bash script, HTML, CSS, R Markdown.

Software Linux, LibreOffice, LyX, TeXstudio, RStudio, Atom, GIMP.

Language Malay, English, Arabic, Japanese (basic), Thai (basic).

4 Work Experience

4.1 Present Position

2013-present Senior Lecturer. Unit of Biostatistics and Research Methodology, Universiti Sains Malaysia.

4.2 Previous Positions

- 2012-2013 Lecturer. Unit of Biostatistics and Research Methodology, Universiti Sains Malaysia.
- 2009-2012 Trainee Lecturer. Unit of Biostatistics and Research Methodology, Universiti Sains Malaysia.
- 2009 Medical and Health Officer. Ayer Lanas Health Clinic, Jeli, Kelantan, Malaysia.
- 2008-2009 Medical Officer. Hospital Raja Perempuan Zainab II, Kota Bharu, Kelantan, Malaysia.
- 2007-2008 House Officer. Hospital Raja Perempuan Zainab II, Kota Bharu, Kelantan, Malaysia.

4.3 Awards, Fellowships and Scholarships

- 2019 SLAI Scholarship (PhD), Ministry of Education of Malaysia. 16/9/2019-present.
- 2019 Three awards of Anugerah Sanggar Sanjung 2018 (Journal Publication [co-author]), Universiti Sains Malaysia. 22/9/2019.
- 2018 Anugerah Sanggar Sanjung 2017 (Journal Publication [co-author]), Universiti Sains Malaysia. 22/10/2018.
- 2017 Anugerah Khidmat Cemerlang (Excellent Service Award), Universiti Sains Malaysia. 16/4/2017.
- 2010-2012 SLAB Scholarship (Masters Degree), Ministry of Education of Malaysia. 7/2010-6/2012.

- 2010 Dean's List Award, M.Sc. (Medical Statistics), Universiti Sains Malaysia. Semester 1, 2010/2011 academic session.
- 2001-2006 JPA Scholarship (Undergraduate Degree), Public Service Department of Malaysia. 7/2001-12/2006.

4.4 Professional Memberships

- 2016-present Fellow Member, Royal Statistical Society, UK.
- 2017-present Lifetime Member, Malaysian Psychometrics Association, Malaysia.
- 2015-2016 Member, Malaysian Psychometrics Association, Malaysia.

4.5 Relevant Administrative Responsibilities

- 2014-present Year 2 Coordinator, M.Sc. (Medical Statistics) programme, Universiti Sains Malaysia.
- 2013-present Member, Curricular Review Committee for M.Sc. Medical Statistics.
- 2012-2014 Year 1 Coordinator, M.Sc. (Medical Statistics) programme. Universiti Sains Malaysia.

5 Research Experience

5.1 Research Attachment

1. Academic visitor, School of Mathematics, Statistics and Physics, Newcastle University, Newcastle Upon Tyne, United Kingdom. Collaborator: Dr. Malcolm Farrow. Research focus: Bayesian statistics, finite mixture modelling, Dirichlet process. 15/12/2017-14/5/2018.
2. Academic visitor, Clinical Research Centre, Hospital Raja Perempuan Zainab II, Kota Bharu, Kelantan. Activities: Delivering a series of lecture on medical statistics using R to medical personel; writing book drafts on medical statistics using R. 15/5/2018-14/9/2018.

5.2 Research Grants (Ongoing)

As principal investigator

1. -

As co-researcher

1. Kajian Status Kesihatan Dan Tahap Pengetahuan, Sikap Dan Amalan Terhadap Keselamatan Dan Kebersihan Di Tempat Kerja Dalam Kalangan Pemborong Dan Peruncit Di Pusat Transformasi Luar Bandar (RTC) Kelantan. FAMA (external grant), RM19,946.00. Ahmad Filza Bin Ismail (Principal Investigator), Mohd Nazri Bin Shafei, **Wan Nor Arifin Bin Wan Mansor**. 01/12/2018-31/12/2019.
2. Determinants of Adiposity and Effectiveness of an Obesogenic Environment Based Educational Program on Overweight and Obese Pre-school Children in East Coast of Peninsular Malaysia. Universiti Sains Malaysia, Bridging (Khas), 304/PPSK/6316186, RM25,000. Hamid Jan Bin Jan Mohamed, Marissa Burgermaster, Mohd Razif Shahril, Sharifah Wajihah Wafa Syed Saadun, Wan Mohd Izani Bin Wan Mohamed, **Wan Nor Arifin**. 1/2/2019-31/1/2020.
3. Investigation of the Association Between Patient Demographic Profiles, Genetic Polymorphisms, Clinical Factors and Statin-Related Myotoxicity (SRM) Among Outpatient Statin Users in Hospital Universiti Sains Malaysia, Kelantan. Universiti Sains Malaysia, Short Term Grant 304/PPSK/6315087, RM30,168.00. Nur Salwani Binti Bakar (Principal Investigator), Imran Bin Ahmad, Sarina Sulong, Wan Amir Nizam Bin Wan Ahmad, **Wan Nor Arifin**. 1/10/2017-30/9/2019.

5.3 Research Grants (Completed)

As Principal Investigator

1. Attitude towards statistics among postgraduate students in Universiti Sains Malaysia. Universiti Sains Malaysia, Short Term Grant 304/PPSP/61313055, RM23,405.20. **Wan Nor Arifin** (Principal Investigator), Muhammad Saiful Bahri Yusoff, Sarimah Abdullah. 1/9/2014-31/8/2017.
2. A Randomized Controlled Trial of Effectiveness of "One Minute Exercise" in Reducing Blood Pressure Among Hypertensive Patients, Universiti Sains Malaysia, Incentive Grant 2010/0728, RM5000.00. **Wan Nor Arifin** (Principal Investigator). 25/5/2010-24/5/2011.

As Co-researcher

1. My Body is Fit and Fabulous (MyBFF@work): An Intervention Project to Combat Obesity Among Malaysian Civil Servants in Kelantan. Institute of Medical Research of Malaysia, 304/PPSK/6150130, RM307,000.00. Wan Abdul Manan Wan Muda (Principal Investigator), Ab Aziz Al Safi Ismail, Hamid Jan Jan Mohamed, Mohamad Paiman, Mohd Ismail Ibrahim, Noor Fazlina Hamid, Nor Haslina Mohd, Tengku Alina Tengku Ismail, Wan Mohamad Wan Bebakar, Wan Mohd Izani Wan Mohamed, **Wan Nor Arifin**, Wan Rosli Wan Ishak, Wan Suriati Wan Nik, Rohaida Ismail, Wan Nazaimoon Wan Mohamud. 1/1/2014-31/10/2018.
2. The Effect of Modified Alternate Day Calorie Restriction on Non-Alcoholic Fatty Liver Disease (NAFLD). Universiti Sains Malaysia, Short Term Grant 304/PPSP/61313173, RM38,228.60. Chandran Nadarajan (Principal Investigator), Juhara Haron, Khairun Nisah Ibrahim, Lee Yeong Yeh, **Wan Nor Arifin**. 1/4/2016-31/3/2018.
3. Validation of the Malay Version of Extroversion Non-Verbal Personality Questionnaire in Order to Screen the Extroversion Trait and Detecting the Neural Correlate of Extroversion from Various Arousal Intensities of Visual Stimuli. Universiti Sains Malaysia, Research University Grant (Individual) (RUI) 1001/PPSP/ 812188, RM124,844.32. Mohd Nasir Che Mohd Yusoff (Principal Investigator), Mohammed Faruque Reza, **Wan Nor Arifin**, Jianjin Yuan. 15/9/2015-14/9/2017.
4. Socio-Demographic, Clinical and Epidemiological Factors of TB-HIV Coinfection in Northern Malaysia: Standardisation and Log-linear Analyses on Morbidity Rates. Universiti Sains Malaysia, Short Term Grant 304/PPSP/61313141, RM34,989.00. Najib Majdi Yaacob (Principal Investigator), Muhammad Radzi Abu Hassan, Syed Hatim Noor, **Wan Nor Arifin**. 1/6/2015-31/5/2017.
5. Governance for disaster risk reduction: Exploring emotional distress and resilience in adolescent affected by flood in Kelantan and the development of peer support group for trauma module. Ministry of Education of Malaysia, Fundamental Research Grant Scheme 203/PPSP/6171186, RM65,600.00. Maruzairi Husain (Principal Investigator), Mohd Zarawi Mat Noor, **Wan Nor Arifin**. 1/4/2015-30/4/2016.
6. Health and Safety: Psychosocial Aspects of Mental Health and Quality of Life among Survivors of Flood Disaster in Kelantan (PAMASK). Ministry of Education of Malaysia, Transdisciplinary Research Grant Scheme 203/PPSP/6765002, RM121,110.00. Hasanah Che Ismail (Principal Investigator), Asrenee Ab. Razak, Azidah Abdul Kadir, Azizah Othman, Juwita Shaaban, Mohd Azhar Mohd Yasin, Nor Azwany Yaacob, Norzila Zakaria, Sharifah Zubaidah Syed Jaafar, **Wan Nor Arifin**. 1/4/2015-30/4/2016.
7. Health and Safety: Enhancing Community-Based Education Modules Of Preparedness For Flood-Related Communicable Diseases In Kelantan. Ministry of Education of Malaysia, Transdisciplinary Research Grant Scheme 203/PPSP/6765003, RM133,496.00. Wan Mohd Zahiruddin Wan Mohammad (Principal Investigator), Alwi Muhd Besari@Hashim, Habsah Hasan, Lee Yeong Yeh, Nani Draman, Noor Aman A. Hamid, Rosnani Zakaria, Surianti Sukeri, **Wan Nor Arifin**, Zeehaida Mohamed. 1/4/2015-30/4/2016.

8. Study on Influence of Height on Limb Length Discrepancy Effect Over Hip, Knee and Spine. Universiti Sains Malaysia, Short Term Grant 304/PPSP/61313058, RM40,600.00. Abdul Razak Sulaiman (Principal Investigator), Emil Fazliq Mohd, Ismail Munajat, Rosniwati Gharfar, **Wan Nor Arifin**. 15/9/2014-14/9/2017.
9. Development and Validation of Anatomy Education Environment Measurement Inventory, Universiti Sains Malaysia, Short Term Grant 304/PPSP/61312113, RM40,000.00. Siti Nurma Haneem (Principal Investigator), Aaijaz Ahmed Khan, Asma Hassan, Fazlina Kasim, Husnaida Abdul Manan, Mohd Asnizam Asari, Nurul Aiman Mohd Yusof, **Wan Nor Arifin**, Zul Izhar Mohd Ismail, Tg Fatimah Murniwati Tg Muda. 1/4/2014-31/3/2016.
10. The Influence of Religiosity and Parenting Styles on Premarital Sexual Activity Among Adolescents in Kelantan. Universiti Sains Malaysia, Short Term Grant 304/PPSP/61312098, RM40,000.00. Maruzairi Husain (Principal Investigator), **Wan Nor Arifin**, Wan Nudri Wan Daud. 15/3/2014-14/3/2016.

6 Publications

6.1 Journal Articles

Main/Corresponding Author

1. Muhammad Zulkefli Ramlay, Norkhafizah Saddki, Mon Mon Tin-Oo, & **Wan Nor Arifin** (2020). Cross-Cultural Adaptation and Validation of Oral Health Literacy Instrument (OHLI) for Malaysian Adults. *International Journal of Environmental Research and Public Health*, 17, 5407. [ISI, IF=2.849, 2019]
2. Siti Rubiahtul Hassim, **Wan Nor Arifin**, Yee Cheng Kueh & Nor Azwany Yaacob (2020). Confirmatory Factor Analysis of the Malay Version of the Smartphone Addiction Scale among Medical Students in Malaysia. *International Journal of Environmental Research and Public Health*, 17, 3820. [ISI, IF=2.849, 2019]
3. Din, H. M., **Arifin, W. N.**, Abdullah, S., Yusoff, M. S. B., & Aziz, A. A. (2018). The Internal Structure of New Attitudes towards Statistics Inventory among Postgraduate Students in Medical and Health Sciences. *Education in Medicine Journal*, 10(4), 53-67. [corresponding author]
4. **Arifin, W. N.** (2018). A Web-based Sample Size Calculator for Reliability Studies. *Education in Medicine Journal*, 10(3), 67-76.
5. **Arifin, W. N.**, & Zahiruddin, W. M. (2017). Sample size calculation in animal studies using resource equation approach. *Malaysian Journal of Medical Sciences*, 24(5), 101-105.
6. **Arifin, W. N.**, Yusoff, M. S. B. (2017). Item response theory for medical educationists. *Education in Medicine Journal*, 9(3), 69-81.
7. **Arifin, W. N.**, Sarimah, A., Norsa'adah, B., Najib Majdi, Y., Siti-Azrin, A. H., Kamarul Imran, M., Aniza, A. A., & Naing, L. (2016). Reporting statistical results in medical journals. *The Malaysian Journal of Medical Sciences*, 23(5): 1-7. DOI: <http://dx.doi.org/10.21315/mjms2016.23.5.1>
8. **Arifin, W. N.**, & Yusoff, M. S. B. (2016). Confirmatory factor analysis of the Universiti Sains Malaysia Emotional Quotient Inventory among medical students in Malaysia. *SAGE Open*, April-June, 1-9. doi:10.1177/2158244016650240
9. Nur-Farliza, S., **Arifin, W. N.**, Yusoff, M. S. B., Yaacob, N. A., & Naing, N. N. (2016). A confirmatory factor analysis of USM Personality Inventory (USMaP-i) among medical degree program applicants in Universiti Sains Malaysia. *Education in Medicine Journal*, 8(1), 55-65. [corresponding author]
10. **Arifin, W. N.** (2015). The graphical assessment of multivariate normality using SPSS. *Education in Medicine Journal*, 7(2), e71-e75.

11. **Arifin, W. N.** (2014). Calculating standard deviation of difference for determination of sample size for planned paired t-test analysis. *Education in Medicine Journal*, 6(2), e62-e64.
12. **Arifin, W. N.** (2013). Introduction to sample size calculation. *Education in Medicine Journal*, 5(2), e89-e96.
13. **Arifin, W. N.**, Yusoff, M. S. B. & Naing, N. N. (2012). Confirmatory factor analysis (CFA) of USM Emotional Quotient Inventory (USMEQ-i) among medical program applicants in Universiti Sains Malaysia (USM). *Education in Medicine Journal*, 4(2), e26-e44.
14. **Arifin, W. N.** (2012). Random sampling and allocation using SPSS. *Education in Medicine Journal*, 4(1), e129-e143.
15. **Arifin, W. N.**, Nadiah, W. A., Irfan, M., Wee, C. X., Draman, N. & Naing, N. N. (2011). Intraclass correlation in practice: Assessment of reliability of manual blood pressure measurement among assessors in a clinical trial. *Education in Medicine Journal*, 3(2), e44-e52.
16. **Arifin, W. N.** (2011). Creating artificial data for teaching of statistics. *Education in Medicine Journal*, 3(1), e69-e77.

Co-author

1. Mohammed Dauda Goni, Habsah Hasan, Nadiah Wan-Arfah, Nyi Nyi Naing, Zakuan Zainy Deris, **Wan Nor Arifin**, Aisha Abubakar Baaba, Abdulwahab Aliyu (2020). Health Education Intervention as an Effective Means for Prevention of Respiratory Infections among Hajj Pilgrims: A Review. *Frontiers in Public Health*. doi: 10.3389/fpubh.2020.00449 [ISI, IF=2.483, 2019]
2. Marliana Musa, Maruzairi Husain, **Wan Nor Arifin Wan Mansor** (2020). The Association between Religiosity and High-Risk Behaviour among Malay Adolescent. *International Medical Journal*, 27(3): 292-295. [SCOPUS]
3. Maruzairi Husain, **Wan Nor Arifin Wan Mansor**, Marliana Musa (2020). Validation of Malay Version of Religious Personality Scale of Muslim Religiosity-Personality Inventory (MRPI) among Malaysian Adolescent. *International Medical Journal*, 27(2): 124-126. [SCOPUS]
4. Kien Ting Liu, Yee Cheng Kueh, **Wan Nor Arifin**, Mohd Ismail Ibrahim, Mohd Nazri Shafei & Garry Kuan (2020). Psychometric Properties of the Decisional Balance Scale: A Confirmatory Study on Malaysian University Students. *International Journal of Environmental Research and Public Health*, 17, 3820. [ISI, IF=2.849, 2019]
5. Nurul Fateha Abd Rahman, Tuan Hairulnizam Tuan Kamauzaman, **Wan Nor Arifin**, Abu Yazid Md Noh. (2020). Development and psychometric evaluation of triage questionnaire (QTrix): Exploratory Factor Analysis and Item Response Theory analysis. *Hong Kong Journal of Emergency Medicine*, 2020. [ISI, IF=0.214, 2019]
6. Azriani Ab Rahman, Mohd Ismail Ibrahim, Razlina Abdul Rahman, **Wan Nor Arifin**, Mokhtarudin Ahmad (2020). Development and Validation of a Malay Version of the Questionnaire on Pornography Attitudes and Exposure for Youth in Kelantan. *Malaysian Journal of Medical Sciences*, 27(2):1-22. [SCOPUS]
7. Mohammed Dauda Goni, Nyi Nyi Naing, Habsah Hasan, Nadiah Wan-Arfah, Zakuan Zainy Deris, **Wan Nor Arifin**, Tengku Mohammad Ariff Raja Hussin, Abdulwali Sabo Abdulrahman, Aisha Abubakar Baaba and Muhammad Rafie Arshad (2020). Development and validation of knowledge, attitude and practice questionnaire for prevention of respiratory tract infections among Malaysian Hajj pilgrims. *BMC Public Health*, 20:189. [ISI, IF=2.690, 2019]
8. Najihah Mahfuzah Zakria, Tengku Alina Tengku Ismail, **Wan Nor Arifin Wan Mansor**, Zaharah Sulaiman & Tengku Fatimatul Tengku Hassim (2020). Development of a new questionnaire to assess childcare providers' KAP regarding infant and young child feeding. *Mal J Nutr* 26(1): 051-063. [SCOPUS]

9. Aizuddin Bin Hidrus, Yee Cheng Kueh, **Wan Nor Arifin**, Erkut Konter and Garry Kuan (2020). Sports Courage in Malaysian Silat Athletes: Confirmatory Factor Analysis of the Malay Language Version. *International Journal of Environmental Research and Public Health*, 17, 3820. [ISI, IF=2.849, 2019]
10. Muhammad Imran Ahmad, Ramzuzaman Ismail, **Wan Nor Arifin**, Nur Amirah Md Noordin, Nor Saidatun Nabilah Sahipol Bahari, Mohd Khairul Nizam Md Arshad (2020). Sexual Assault: A Descriptive Study of Victims Attending a Public Hospital in Ipoh. *Malaysian Journal of Medicine and Health Sciences*, 16(1), 17-23. [SCOPUS]
11. Mohammed Dauda Goni, Habsah Hasan, Nyi Nyi Naing, Nadiah Wan-Arfah, Zakuan Zainy Deris, **Wan Nor Arifin**, Aisha Abubakar Baaba (2019). Assessment of Knowledge, Attitude and Practice towards Prevention of Respiratory Tract Infections among Hajj and Umrah Pilgrims from Malaysia in 2018. *International Journal of Environmental Research and Public Health*, 16(22), 4569. [ISI, IF=2.145, 2018]
12. Mohammed Dauda Goni, Nyi Nyi Naing, Habsah Hasan, Nadiah Wan-Arfah, Zakuan Zainy Deris, **Wan Nor Arifin**, Aisha Abubakar Baaba (2019). Uptake of Recommended Vaccines and Its Associated Factors Among Malaysian Pilgrims During Hajj and Umrah 2018. *Frontiers in Public Health*, 2019(7), 268. [ISI, IF=2.031, 2018].
13. Nurul Munirah Abdullah, Wan Mohd Zahiruddin Wan Mohammad, Mohd Nazri Shafei, Surianti Sukeri, Zawaha Idris, **Wan Nor Arifin**, Noramira Nozmi, Siti Nor Sakinah Saudi, Suhailah Samsudin, Abdul-Wahab Zainudin, Rukman Awang Hamat, Rosni Ibrahim, Siti Norbaya Masri, Suhainizam Muhammad Saliluddin, Aziah Daud, Malina Osman, Tengku Zetty Maztura Tengku Jamaluddin (2019). Leptospirosis and its prevention: knowledge, attitude and practice of urban community in Selangor, Malaysia. *BMC Public Health*, 2019(19), 628.
14. Muhammad Izzad Johari, Khairiah Yusoff, Juhara Haron, Chandran Nadarajan, Khairun Nisah Ibrahim, Mung Seong Wong, Muhammad Ilham Abdul Hafidz, Bee Eng Chua, Nurhazwani Hamid, **Wan Nor Arifin**, Zheng Feei Ma, Yeong Yeh Lee (2019). A Randomised Controlled Trial on the Effectiveness and Adherence of Modified Alternate-day Calorie Restriction in Improving Activity of Non-Alcoholic Fatty Liver Disease. *Scientific Reports*, 2019(9), 11232. [ISI, IF=4.122, 2017]
15. Najihah Mahfuzah Zakria, Tengku Alina Tengku Ismail, **Wan Nor Arifin Wan Mansor**, Zaharah Sulaiman (2019). Validation of Infant and Young Child Feeding Questionnaire for the Assessment of Knowledge, Attitudes and Practices among Child Care Providers: The IYCF-CCPQ. *International Journal of Environmental Research and Public Health*, 16(12), 2147. [ISI, IF=2.145, 2018]
16. Ahmad Badrudridzwanullah Zun, Mohd Ismail Ibrahim, Ariffin Marzuki Mokhtar, Ahmad Sukari Halim, **Wan Nor Arifin Wan Mansor** (2019). Translation, Cross-Cultural Adaptation, and Validation of the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) into the Malay Language. *International Journal of Environmental Research and Public Health*, 16(11), 2054. [ISI, IF=2.145, 2018]
17. Liu Kien Ting, Garry Kuan, **Wan Nor Arifin**, Yee Cheng Kueh (2019). Psychometric properties of the self-efficacy scale among undergraduate students in Malaysia. *Malaysian Journal of Medical Sciences*. [SCOPUS]
18. Suan Mei Ong, **Wan Nor Arifin**, Najib Majdi Yaacob, Nyi Nyi Naing (in press). An Easy-to-use Computer Program for Standardisation Methods of Population Morbidity Data. *International Journal of Computing Science and Mathematics*. [SCOPUS]
19. Ping Yi Chan, Zaidi Mohd Ripin, Sanihah Abdul Halim, Muhammad Imran Kamarudin, Kwang Sheng Ng, Gaik Bee Eow, Kenny Tan, Chun Fai Cheah, Linda Then, Nelson Soong, Jyh Yung Hor, Ahmad Shukri Yahya, **Wan Nor Arifin**, John Tharakan, Muzaimi Mustapha (2019). Biomechanical System Versus Observational Rating Scale for Parkinson's Disease Tremor Assessment. *Scientific Reports*, 2019(9), 8117. [ISI, IF=4.528, 2018]

20. Nik Adib, N., Ibrahim, M., Ab Rahman, A., Bakar, R., Yahaya, N., Hussin, S. and **Wan Mansor, W.** (2019). Predictors of Caregivers' Satisfaction with the Management of Children with Autism Spectrum Disorder: A Study at Multiple Levels of Health Care. *International Journal of Environmental Research and Public Health*, 16(10), 1684. [ISI, IF=2.145, 2018]
21. Adib, N., Aida, N., Ibrahim, M. I., Ab Rahman, A., Bakar, R. S., Yahaya, N. A., ... & **Arifin, W. N.** (2019). Perceived Stress among Caregivers of Children with Autism Spectrum Disorder: A State-Wide Study. *International journal of environmental research and public health*, 16(8), 1468. [ISI, IF = 2.145, 2018]
22. Zahidi, M., Zarina, Z., Jaapar, S., Zubaidiah, S., Razak, A., Mohd Yasin, M. A., ... & Kueh, Y. C. (2019). Validation of Malay Emotion Thermometer (MET) among Adult Victims Involved in Flood Disaster. *International Medical Journal*, 26(1), 24-27.
23. Liu, K. T., Kueh, Y. C., **Arifin, W. N.**, Kim, Y., & Kuan, G. (2018). Application of Transtheoretical Model on Behavioral Changes, and Amount of Physical Activity Among University's Students. *Frontiers in Psychology*, 9, 2402. [ISI, IF=2.089 2018]
24. Muhamad, N. A., Mihat, O., Ramly, R., Aziz, A. A., Kamaruddin, R., **Mansor, W. N. A. W.**, ... & Yusoff, M. F. M. (2018). Translation, Cross-Cultural Adaptation, Reliability and Validity of the Malay Version of Alcohol, Smoking and Substance Involvement Screening Test (ASSIST) V3. *Health*, 10(07), 985-997.
25. Nik Adib, N., Ibrahim, M., Ab Rahman, A., Bakar, R., Yahaya, N., Hussin, S., & **Arifin, W. N.** (2018). Translation and Validation of the Malay Version of the Parents' Satisfaction Scale (PSS-M) for Assessment of Caregivers' Satisfaction with Health Care Services for Children with Autism Spectrum Disorder. *International Journal of Environmental Research and Public Health*, 15(11), 2455. [ISI]
26. Siti Nor Sakinah Saudi, Tg Zetty Maztura Tg Jamaludin, Suhailah Samsudin, Munirah N. Abdullah, Nozmi Noramira, Aziah Daud, Wan Mohd Zahiruddin Wan Mohd, Mohd Nazri Shafei, Surianti Sukeri, Rukman Awang Hamat, Zawaha Idris, Zainudin Abdul Wahab, Norazlin Idris, **Wan Nor Arifin Wan Mansor**, Malina Osman (2018). Knowledge, Attitude and Preventive Practice of Leptospirosis among Food Handlers in Kajang, Selangor. *World Journal of Medical Sciences*, 15(4), 179-187.
27. Nasir Yusoff, Nik NurAzhani Anuar, **Wan Nor Arifin**, Tahamina Begum, Faruque Reza (2018). Emotional Arousal Substrate in Relation to Eysenck Theory of Extraversion. *International Journal of Engineering & Technology*, 7(3.22) (2018), 14-20.
28. Wan Rosli WI , Noor-Fadzlina H, Wan Suriati WN, Hamid Jan JM, Nor-Haslina M, **Arifin WN**, Wan Mohd Izani WM, Rohana AJ, Tengku Alina TI, Mohd Ismail I, Rohaida I, Tengku Fatimatul TH, Tahir A, Wan Abdul Manan WM (2018). Nutritional Composition of Meal Replacement Recipes for Body Weight Reduction Interventional Program (My Body is Fit and Fabulous at Work, MyBFF@Work). *International Journal of Engineering & Technology*, 7 (3.7) (2018) 433-435.
29. Ab Rashid, N. F., **Arifin, W. N.**, Kueh, Y. C., & Yusoff, N. (2018). Translation and Validity of the Malay Version of the Five-Factor Nonverbal Personality Questionnaire (FFNPQ). *International Medical Journal Malaysia*, 17(2), 91-98. [SCOPUS]
30. Baharuddin, I. H., **Arifin, W. N.**, Kueh, Y. C., & Rahman, N. A. (2018). Adaptation and Validation of the Malay Version of the Index of Dental Anxiety and Fear (IDAF-4C+) for Malaysian Secondary School Children. *Malaysian Journal of Medical Sciences*, 25(3), 111-119. [SCOPUS]
31. Nozmi, N., Samsudin, S., Sukeri, S., Shafei, M. N., Wan Mohd, W. M. Z., Idris, Z., ... & Abdul Wahab, Z. (2018). Low Levels of Knowledge, Attitudes and Preventive Practices on Leptospirosis among a Rural Community in Hulu Langat District, Selangor, Malaysia. *International Journal of Environmental Research and Public Health*, 15(4), 693. [ISI]

32. Zahiruddin, W. M., **Arifin, W. N.**, Mohd-Nazri, S., Sukeri, S., Zawaha, I., Bakar, R. A., . . . Aziah, D. (2018). Development and validation of a new knowledge, attitude, belief and practice questionnaire on leptospirosis in Malaysia. *BMC Public Health*, *18*(1), 331. <https://doi.org/10.1186/s12889-018-5234-y> [ISI]
33. Ismail, T. A. T., Jalil, R. A., Ishak, W., Rosli, W., Hamid, N. F., Nik, W., . . . others. (2018). Understanding dieting and previous weight loss attempts among overweight and obese participants: Insights into my body is fit and fabulous at work program. *Korean Journal of Family Medicine*, *39*(1), 15–22. [SCOPUS]
34. Yew, T. S., Sidek, M. Y., Jalil, R. A., & **Arifin, W. N.** (2017). Confirmatory Factor Analysis of the Malay Version of Utrecht Work Engagement Scale (UWES-M). *International Journal of Public Health and Clinical Sciences*, *4*(5), 77-86.
35. Taib, F., Isa, R., Pubalan, J. K., **Arifin, W. N.** (2017). Management behaviour of caregivers following asthma education programme (PAEP). *The Malaysian Journal of Nursing*, *8*(3), 35-40.
36. Hadie, S. N. H., Hassan, A., Ismail, Z. I. M., Asari, M. A., Khan, A. A., Kasim, F., Yusof, N. A. M., Manan, H. A., Muda, T. F. M. T., **Arifin, W. N.** & Yusoff, M. S. B. (2017). Anatomy Education Environment Measurement Inventory: A Valid Tool to Measure the Anatomy Learning Environment. *Anatomical Sciences Education*, *10*(5), 423-432. [ISI, IF=3.198, 2018]
37. Ong, S. M., **Arifin, W. N.**, Yaacob, N. M., Hassan, M. R. A., & Naing, N. N. (2016). Comparison of TB-HIV coinfection standardised morbidity rates in Malaysia using indirect standardisation method. *International Journal of Pharmacy and Technology*, *8*(3), 19005-19016.
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39. Ong, S. M., Yaacob, N. M., **Arifin, W. N.**, Hassan, M. R. A., & Naing, N. N. (2016). Comparison of TB-HIV coinfection standardized morbidity rates in Malaysia using direct standardization method. *ARPN Journal of Engineering and Applied Sciences*, *11*(17), 10368-10373.
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44. Yusoff, M. S. B. & **Arifin, W. N.** (2015). Educational environment and psychological distress of medical students: The role of a deep learning approach. *Journal of Taibah University Medical Sciences*, *10*(4), 411-418. <http://dx.doi.org/10.1016/j.jtumed.2015.08.005>
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48. Hadie, S. N. H., Hassan, A., Ismail, Z. I. M., Asari, M. A., Khan, A. A., Kasim, F., Yusof, N. A. M., Manan, H. A., Muda, T. F. M. T., **Arifin, W. N.** & Yusoff, M. S. B. (2013). 1. The need to have a valid and reliable tool to measure the Anatomy Education Environment. *Education in Medicine Journal*, 5(3), e81-e85.
49. Abd Aziz, A., **Arifin, W. N.**, Isa, S. N. I., Bachok, N. a., Abdullah, S. & Naing, N. N. (2013). Structural Equation Modeling (SEM) workshop for lecturers and postgraduate students. *Education in Medicine Journal*, 5(3), e112.
50. Yusoff, M. S. B., Jaa'far, R., Arzuman, H., **Arifin, W. N.**, & Mat Pa, M. N. (2013). Perceptions of medical students regarding educational climate at different phases of medical training in a Malaysian medical school. *Education in Medicine Journal*, 5(3), e30-e41.

6.2 Books

1. Kamarul Imran Musa & Wan Nor Arifin (in review). *Exploring data using R*. Penang, Malaysia: USM Publisher.

6.3 Conference Proceedings

1. Nik Aida Nik Adib, Mohd Ismail Ibrahim, **Wan Nor Arifin**, Azriani Ab Rahman, Norazni Yahya, Suria Hussin, Raishan Shafini Bakar (2018). Confirmatory Factor Analysis of Malay Version of Malay Version Of The Parent Satisfaction Scale (PSS-M). *Kelantan Research Day 2018 Conference Proceeding*.
2. Liu Kien Ting, Garry Kuan, Yee Cheng Kueh, **Wan Nor Arifin**, Youngho Kim (2018). Confirmatory Factor Analysis of Processes of Change Scale Among Undergraduate Students in Health Campus, Universiti Sains Malaysia (USM). *5th International Seminar of Sports and Exercise Conference Proceedings*.
3. **Arifin, W. N.**, Zubair, I. U., Ibrahim, M. I., Shafei, M. N. (2017). Validity of BACKS Tool in assessing low back pain among nurses in Malaysian public hospital: A confirmatory factor analysis. In SciencePark Research, Organization & Counseling (Ed.), *New Trends and Issues Proceedings on Humanities and Social Sciences*, 4(1), 226-231. Available from <http://www.prosoc.eu>
4. **Arifin, W. N.**, Yusoff, M. S. B., Aziz, A. A., Din, H. M., & Abdullah, S. (2015). Development of a new inventory of attitude towards statistics among postgraduate students. In The International Academic Forum (Ed.), *The Asian Conference on Education 2014: Official Conference Proceedings* (pp. 577-584). Aichi, Japan: The International Academic Forum (IAFOR).
5. Baharuddin, I. H., **Arifin, W. N.**, Rahman, N. A., & Kueh, Y. C. (2015). A exploratory factor analysis of the Malay translated version of the Index of Dental Anxiety and Fear questionnaire (IDAF-4C+) anxiety and fear module among secondary school children in Negeri Sembilan. In WorldConferences.net (Ed.), *E-Proceeding of the International Conference on Social Science Research, ICSSR 2015* (pp. 351-358). Selangor, Malaysia: <http://WorldConferences.net>
6. Lim, B. C., Kueh, Y. C., **Arifin, W. N.**, & Ng, K. H. (2015). A confirmatory factor analysis of the health beliefs related to cardiovascular disease scale among Malaysian undergraduate university students. In WorldConferences.net (Ed.), *E-Proceeding of the International Conference on Social Science Research, ICSSR 2015* (pp. 330-339). Selangor, Malaysia: <http://WorldConferences.net>

6.4 Conference Abstracts and Presentations

1. Wong Siong Ting, Norkhafizah Saddki, **Wan Nor Arifin** (2019, July). Inter-Rater Reliability of the Bahasa Malaysia Version of Patient Education Materials Assessment Tool. Poster presented at 6th Asia-Pacific Conference on Public Health Urbanisation Challenges for Health (July 22-25), Penang, Malaysia. Abstract in *The Medical Journal of Malaysia*, August 2019, 74(Suppl. 2).
2. Izyan Hazwani Baharuddin, **Wan Nor Arifin**, Normastura Abdul Rahman, (2019, March). Malay version of the Index of Dental Anxiety and Fear questionnaire (IDAF-4C+). Presented at 18th Annual Scientific Meeting of IADR Malaysian Section (March 30), Geno Hotel, Subang Jaya, Selangor, Malaysia.
3. Najihah Mahfuzah Zakria, Tengku Alina Tengku Ismail, Zaharah Sulaiman, Wan Nor Arifin (2019, February). Infant and Young Child Feeding Attitude Scores and its Associated Factors among Child Care Providers in Kelantan. Poster presented at 1st National Infant and Young Child Feeding Scientific Conference (February 20-21), Perdana Hotel, Kota Bharu, Kelantan, Malaysia.
4. Wong Siong Ting, Norkhafizah Saddki, **Wan Nor Arifin** (2018, October). Understandability and Actionability of Printable and Audio-visual Patient Education Materials Produced by The Ministry of Health Malaysia. Presented at 4th Health Promotion Conference 2018 (October 3-4), Primiera Hotel, Kuala Lumpur, Malaysia.
5. Nik Aida Nik Adib, Mohd Ismail Ibrahim, **Wan Nor Arifin**, Azriani Ab Rahman, Norazni Yahya, Suria Hussin, Raishan Shafini Bakar (2018, October). Confirmatory Factor Analysis of Malay Version of Malay Version Of The Parent Satisfaction Scale (PSS-M). Poster presented at Kelantan Research Day 2018 (October 16), Hotel Crown Garden, Kota Bharu, Kelantan, Malaysia.
6. Nik Aida Nik Adib, Mohd Ismail Ibrahim, **Wan Nor Arifin**, Azriani Ab Rahman, Norazni Yahya, Suria Hussin, Raishan Shafini Bakar (2018, September). Factor Associated With Caregiver Satisfaction On Autism Management At Government Tertiary Hospital: A Statewide Study. Poster presented at 20th IMAM Annual Scientific Conference (September 27-30), Grand Blue Wave Hotel, Shah Alam, Selangor, Malaysia. [Won 1st prize for poster presentation]
7. Wong Siong Ting, Norkhafizah Saddki, **Wan Nor Arifin** (2018 August). Validity of the Bahasa Malaysia Version of Patient Education Materials Assessment Tool. Presented at 7th International Public Health Conference (August 28-30), Putrajaya Marriott Hotel, Putrajaya, Malaysia.
8. Goh Soo Ning, **Wan Nor Arifin Wan Mansor**, Wan Rosilawati Wan Rosli, Noran Hashim, Noor Aman A. Hamid (2018, July). Are Social Support and Perinatal Distress Predictors of GDM? A Results from a Kelantan State Survey. Presented at 9th National Public Health Conference (July 15-18), Royale Chulan Hotel, Seremban, Malaysia. Abstract in *Malaysian Journal of Public Health Medicine*, 2018, 18(Suppl. 2).
9. Goh Soo Ning, **Wan Nor Arifin Wan Mansor**, Wan Rosilawati Wan Rosli, Noran Hashim, Noor Aman A. Hamid (2018, July). Is Interpregnancy Weight Change Associated with Gestational Diabetes Mellitus? A State-Wide Survey of Mothers in Kelantan. Presented at 9th National Public Health Conference (July 15-18), Royale Chulan Hotel, Seremban, Malaysia. Abstract in *Malaysian Journal of Public Health Medicine*, 2018, 18(Suppl. 2).
10. Wong Siong Ting, Norkhafizah Saddki, **Wan Nor Arifin** (2018 July). Reliability of The Bahasa Malaysia Version of Patient Education Materials Assessment Tool. Presented at 9th National Public Health Conference (July 15-18), Royale Chulan Hotel, Seremban, Malaysia. Abstract in *Malaysian Journal of Public Health Medicine*, 2018, 18(Suppl. 2).
11. Najihah Mahfuzah Zakria, Tengku Alina Tengku Ismail, **Wan Nor Arifin**, Zaharah Sulaiman, Tengku Fatimatul Tengku Hassim (2018, May). Psychometric validation of infant and young child feeding questionnaire for childcare providers: The IYCF-CCPQ. Poster presented at Health Sciences Symposium 2018 (May 19), Health Campus, Universiti Sains

- Malaysia, Kelantan, Malaysia. Abstract in Health and the Environment Journal, 2018, 9(Suppl. 1).
12. Fairul Ezwan Fahrurazi, **Wan Nor Arifin**, Sarimah Abdullah, Asmah Razali (2018, May). Socio-demographic, clinical and treatment related factors of multidrug-resistant tuberculosis in Malaysia: log-linear analysis on count data. Poster presented at Health Sciences Symposium 2018 (May 19), Health Campus, Universiti Sains Malaysia, Kelantan, Malaysia. Abstract in Health and the Environment Journal, 2018, 9(Suppl. 1).
 13. Liu Kien Ting, Garry Kuan, Yee Cheng Kueh, **Wan Nor Arifin**, Youngho Kim (2018, February). Structural relationship of transtheoretical model of behaviour changes and amount of physical activity among undergraduate students in Health Campus, Universiti Sains Malaysia. Presented at Health Sciences Symposium 2018 (May 19), Health Campus, Universiti Sains Malaysia, Kelantan, Malaysia. Abstract in Health and the Environment Journal, 2018, 9(Suppl. 1).
 14. Wong Siong Ting, Norkhafizah Saddki, **Wan Nor Arifin** (2018, March). Understandability, Actionability and Readability of Printable Oral Health Education Materials Produced by the Ministry of Health Malaysia. Presented at 1st Joint Specialist Conference 2018 (March 9-11), Hotel Istana, Kuala Lumpur, Malaysia.
 15. Liu Kien Ting, Garry Kuan, Yee Cheng Kueh, **Wan Nor Arifin**, Youngho Kim (2018, February). Confirmatory Factor Analysis of Processes of Change Scale Among Undergraduate Students in Health Campus, Universiti Sains Malaysia (USM). Presented at 5th International Seminar of Sports and Exercise (February 6-7), Grand Margherita Hotel, Kuching, Malaysia.
 16. Liu Kien Ting, Garry Kuan, Yee Cheng Kueh, **Wan Nor Arifin**, Youngho Kim (2018, February). Confirmatory Factor Analysis of Decisional Balance and Processes of Change Scale Among Undergraduate Students in Health Campus, Universiti Sains Malaysia (USM). Presented at 5th International Seminar of Sports and Exercise (February 6-7), Grand Margherita Hotel, Kuching, Malaysia. [Distinguished scholars oral presentation award]
 17. **Wan Nor Arifin**, Rohana Abd Jalil, Mohd Ismail Ibrahim, Tengku Alina Tengku Ismail, Wan Mohd Izani Wan Mohamed, Wan Rosli Wan Ishak, Hamid Jan Jan Mohamed, Noor Fadzlina Ab Hamid, Wan Suriati Wan Nik, Nor Haslina Mohd, Rohaida Ismail, Wan Abdul Manan Wan Muda (2017, Oktober). Challenges in Analysis of the Workplace Intervention to Combat Obesity: My Body is Fit and Fabulous at Work (MyBFF@Work) Experience. Presented at Symposium MyBFF: Pencegahan Obesiti Hotel Dorsett Putrajaya (Oktober 23-25), Putrajaya, Malaysia. [Presenter]
 18. Wong Siong Ting, Norkhafizah Saddki, **Wan Nor Arifin**, Noraini Mohamad, Nurhanis Syazni Roslan (2017, August). Cross-Cultural Translation and Adaptation of Patient Education Materials Assessment Tool into Bahasa Malaysia. Presented at 21st National Public Health Colloquium (August 23-24), Hotel Bangi-Putrajaya, Selangor, Malaysia. [Won best oral scientific paper award]
 19. Najihah Mahfuzah Zakria, Tengku Alina Tengku Ismail, **Wan Nor Arifin**, Zaharah Sulaiman, Tengku Fatimatul Tengku Hassim (2017, July). Development Of Infant And Young Child Feeding Questionnaire (IYCF-Q) To Assess Child Care Providers' Knowledge, Attitudes, And Practice In Kota Bharu, Kelantan. Poster presented at 2nd Kelantan International Health Conference (July 25-26), Kelantan, Malaysia.
 20. Wan Rosli Wan Ishak, Noor Fadzlina Ab Hamid, Wan Suriati Wan Nik, Hamid Jan Jan Mohamed, Nor Haslina Mohd, **Wan Nor Arifin**, Wan Mohd Izani Wan Mohamed, Rohana Abd Jalil, Tengku Alina Tengku Ismail, Mohd Ismail Ibrahim, Rohaida Ismail, Tengku Fatimatul Tengku Hassim, Wan Abdul Manan Wan Muda (2017, July). Nutritional Composition of Meal Replacement Recipes for Body Weight Reduction Interventional Program (My Body is Fit and Fabulous at Work, MyBFF@Work). Presented at 2nd International Conference on Engineering Mechanics and Applied Sciences (rcEMAS 2017) (July 5), Langkawi, Malaysia. [Best paper award]

21. Hassim, S. R., Arifin, W. N., Cheng, Y. C., & Yaacob, N. A. (2017, May). Confirmatory Factor Analysis of Malay Version of Smartphone Addiction Scale (SAS-M) among Medical Students at Universiti Sains Malaysia (USM), Kelantan. Poster presented at Health Symposium 2017 (May 25), Kelantan, Malaysia.
22. Aizuddin Hidrus, Yee Cheng Kueh, Garry Kuan, Wan Nor Arifin (2017, May). The Malay version of Athletic Coping Skills Inventory-28: A confirmatory study. Presented at 3rd Malaysian Sport Psychology Conference 2017 (May 25), Kelantan, Malaysia.
23. Aizuddin Hidrus, Yee Cheng Kueh, Garry Kuan, Wan Nor Arifin (2017, May). The Malay version of Sport Courage Scale: A confirmatory study. Presented at 3rd Malaysian Sport Psychology Conference 2017 (May 8-9), Universiti Malaya, Kuala Lumpur, Malaysia.
24. Arifin, W. N., Zubair, I. U., Ibrahim, M. I., Shafei, M. N. (2017, February). Validity of BACKS Tool in assessing low back pain among nurses in Malaysian public hospital: A confirmatory factor analysis. Presented at 9th World Conference on Educational Sciences (February 1-4), Hotel Aston la Scala Convention Center, Nice, France. [Presenter]
25. Arifin, W. N., Jalil, R. A., Ibrahim, M. I., Ismail, T. A. T., Mohamed, W. M. I. W., Ishak, W. R. W., . . ., Muda, W. A. M. W (2016, November). Challenges in Analysis of the Workplace Intervention to Combat Obesity: My Body is Fit and Fabulous at Work (MyBFF@Work) Experience. Presented at 7th International Symposium on Wellness, Healthy Lifestyle and Nutrition (November 3-4), Amarta Ballroom Melia Purosani Hotel, Yogyakarta, Indonesia. [Presenter]
26. Fitriah, N., Arifin, W. N., Yusoff, N., Kueh, Y. C. (2016, May). Confirmatory Factor Analysis of the Malay version of Five-Factor Nonverbal Personality Questionnaire. Poster presented at International Scientific Conference (iNASCON) 2016 (May 16-17), Hotel Perdana, Kota Bharu, Kelantan, Malaysia.
27. Arifin, W. N., Din, H. M., Yusoff, M. S. B., Aziz, A. A. & Abdullah, S. (2015, December). Construct validity of Universiti Sains Malaysia Attitude towards Statistics (USM-AS) among postgraduate students. Presented at 4th USM-PSU-NSTRU-MU International Conference on Arts and Sciences (December 14-15), University Conference Hall, Universiti Sains Malaysia, Penang, Malaysia. [Presenter]
28. Zahidi, Z. M., Razak, A. A., Othman, A., Jaapar, S. Z. S., Kadir, A., Saaban, J., . . ., Arifin, W. N., Ismail, H. C. (2015, December). Validation of the Malay version of Emotion Thermometer among adult victims involved in flood disaster in Kelantan. Presented at The 2nd International Social Work Conference 2015: Celebrating Diversity in One World (Dec 2-3), Evergreen Laurel Hotel, Penang, Malaysia.
29. Halim, A. S. A., Razak, A. A., Othman, A., Jaapar, S. Z. S., Kadir, A., Saaban, J., . . ., Arifin, W. N., Ismail, H. C. (2015, December). Validation of the Malay version of Impact of Event Scale-Revised (IES-R) among victims involved in flood disaster in Kelantan. Presented at The 2nd International Social Work Conference 2015: Celebrating Diversity in One World (Dec 2-3), Evergreen Laurel Hotel, Penang, Malaysia.
30. Ismail, H. C., Razak, A. A., Othman, A., Jaapar, S. Z. S., Kadir, A., Saaban, J., . . ., Mansor, W. N. A. W. (2015, December). Factors associated with the psychological distress in adults affected by the 2014 flood disaster in Kuala Krai, Kelantan. The 2nd International Social Work Conference 2015: Celebrating Diversity in One World (Dec 2-3), Evergreen Laurel Hotel, Penang, Malaysia.
31. Arifin, W. N., Mohamed, Z., Hasan, H., Hamid, N. A. A., Sukeri, S., Yeh, L. Y., . . ., Mohammad, W. M. Z. W. (2015, November). Validation of knowledge, attitude and practice towards flood related infectious diseases preparedness in Kelantan. 6th International Symposium on Wellness, Healthy Lifestyle & Nutrition 2015 (Nov 25-27), School of Health Sciences, Universiti Sains Malaysia, Malaysia.
32. Hamid, N. A. A., Sukeri, S., Hashim, A. M., Hasan, H., Yeh, L. Y., Draman, N., . . ., Arifin, W. N., . . ., Mohammad, W. M. Z. W. (2015, November). Floods and infectious

- disease risk: Preparedness and desperation. 6th International Symposium on Wellness, Healthy Lifestyle & Nutrition 2015 (Nov 25-27), School of Health Sciences, Universiti Sains Malaysia, Malaysia.
33. Ismail, M. I., Rohana, J., Mohamed, H. J. J., Hamid, N. F. A., Mohd, N. H., Ishak, W. R. W., . . . , Arifin, W. N., . . . , Mohammad, W. M. Z. W. (2015, November). Assessing quality of life of obese working adults using OWL-QOL questionnaire and its associated factors in Kota Bharu, Kelantan. 6th International Symposium on Wellness, Healthy Lifestyle & Nutrition 2015 (Nov 25-27), School of Health Sciences, Universiti Sains Malaysia, Malaysia.
 34. Mohd, N. H., Ishak, W. R. W., Mohamed, H. J. J., Hamid, N. F. A., Nik, W. S. W., Ismail, A. A. A., . . . , Arifin, W. N., . . . , Mohammad, W. M. Z. W. (2015, September). Musculoskeletal pain and associative factors among government employees in Kota Bharu, Kelantan. 20th National Conference on Medical and Health Sciences (Sept 12-14), Health Campus, Universiti Sains Malaysia, Malaysia.
 35. Ibrahim, M. I., Jalil, R., Mohamed, H. J. J., Hamid, N. F. A., Mohd, N. H., Ishak, W. R. W., . . . , Arifin, W. N., . . . , Mohammad, W. M. Z. W. (2015, September). Quality of life of obese adult and its associated factors using OWL-QoL. 20th National Conference on Medical and Health Sciences (Sept 12-14), Health Campus, Universiti Sains Malaysia, Malaysia.
 36. Baharuddin, I. H., Arifin, W. N., Rahman, N. A., Kueh, Y. C. (2015, June). A exploratory factor analysis of the Malay translated version of the Index of Dental Anxiety and Fear questionnaire (IDAF-4C+) anxiety and fear module among secondary school children in Negeri Sembilan. 3rd International Conference of Social Science Research (June 8-9), Melia Hotel, Kuala Lumpur, Malaysia.
 37. Lim, B. C., Kueh, Y. C., Arifin, W. N. & Ng, K. H. (2015, June). A confirmatory factor analysis of the health beliefs related to cardiovascular disease scale among Malaysian undergraduate university students. 3rd International Conference of Social Science Research (June 8-9), Melia Hotel, Kuala Lumpur, Malaysia.
 38. Noor Farahi, K., Rohana, A. J., Tengku Alina, T. I., Soo, K. L., Wan Nor Arifin, W. M., & Noor Aman, A. H. (2015, June). Development and validation of pregnancy physical activity likelihood assessment based on health belief model among pregnant women in Kuala Terengganu, Terengganu. Poster presented at 30th Annual Scientific Conference 2015 (June 2-3), Renaissance Hotel, Kuala Lumpur, Malaysia.
 39. Ramlay, M. Z., Oo, M. M. T., Saddki, N., Arifin, W. N. (2014, November). Validation of oral health literacy instrument for Malaysian adult. Poster presented at National Oral Health Research Conference 2014 (November 10-12), Swiss garden Hotel & Residences, Kuala Lumpur, Malaysia.
 40. Arifin, W. N., Yusoff, M. S. B., Aziz, A. A., Din, H. M. & Abdullah, S. (2014, October). Development of a New Inventory of Attitude towards Statistics among Postgraduate Students. Presented at 6th Asian Conference on Education (October 29-November 2), Osaka International Convention Center and Rihga Royal Hotel, Osaka, Japan. [Presenter]
 41. Ramlay, M. Z., Oo, M. M. T., Saddki, N., Arifin, W. N. (2014, September). Validation of Malaysia version of Oral Health Literacy Instrument (OHLI-M). Presented at 19th National Conference on Medical and Health Sciences (September 7-8), School of Dental Sciences, Health Campus, Universiti Sains Malaysia, Kelantan, Malaysia.
 42. Din, H. M., Arifin, W. N., Abdullah, S., Yusoff, M. S. B., Aziz, A. A. (2014, June). Exploratory factor analysis (EFA) of a new inventory of USM attitude towards biostatistics (USM-AB) among postgraduate students in Health Campus, Universiti Sains Malaysia (USM). Poster presented at Health and Life Sciences Postgraduate Conference 2014 (June 10-11), Renaissance Hotel, Kota Bharu, Kelantan, Malaysia.
 43. Nyi Nyi Naing, Nurul Analina Ibrahim, Zuhaimy Ismail, Sarimah Abdullah, Wan Nor Arifin Wan Mansor, Tengku Mardhiah Tengku Jalal, Nadiyah Wan-Arfah, Nur Sulwana Muhamad

Hanapi (2014, March). Poster presented at The associated factors of mortality among pulmonary TB patients. Poster presented at National TB & Lung Diseases Conference (March 28-30), SUNWAY Putra Hotel, Kuala Lumpur, Malaysia.

44. **Arifin, W. N.** & Yusoff, M. S. B. (2013, May). Comparison of domains and items of confirmatory factor analysis (CFA) validated versions of USM Emotional Quotient Inventory (USMEQ-i) for medical program applicants and medical students in Universiti Sains Malaysia (USM). Poster presented at International Conference on Medical & Health Sciences (ICHMS) 2013 (May 22-24), Renaissance Hotel, Kota Bharu, Kelantan, Malaysia. [Presenter]
45. **Hadie, S. N. H.**, Hassan, A., Ismail, Z. I. M., Asari, M. A., Khan, A. A., Kasim, F., Yusof, N. A. M., Sulong, H. A. M., Muda, T. F. M. T., **Arifin, W. N.** & Yusoff, M. S. B. (2013, February). Developing constructs of anatomy education environment measurement: A Delphi technique. Presented at 5th World Conference On Educational Sciences (February 6-8), Faculty of Economics, Sapienza University, Rome, Italy.
46. **Arifin, W. N.**, Yusoff, M. S. B. & Naing, N. N. (2012, May). Confirmatory factor analysis (CFA) of USM Emotional Quotient Inventory (USMEQ-i) among medical program applicants in Universiti Sains Malaysia (USM). Poster presented at 17th National Conference on Medical and Health Sciences (May 27-28), Health Campus, Universiti Sains Malaysia, Kelantan, Malaysia. [Poster presenter]
47. **Arifin, W. N.**, Nadiah, W. A., Irfan, M., Draman, N. & Naing, N. N. (2010, December). Assessment of reliability of blood pressure measurements among assessors in a clinical trial. Presented at 62nd Annual Conference of the Cardiological Society of India (December 2-5), Milan Mela Complex, Kolkata, India. [Presenter]
48. **Wee, C. X.**, **Arifin, W. N.**, Draman, N., Nadiah, W. A., Hui, C. H. & Naing, N. N. (2010, October). A randomized controlled trial on reduction of blood pressure among hypertensive patients using "One Minute Qigong Exercise". Poster presented at 7th World Stroke Congress (October 13-16), COEX Center, Seoul, Korea.

7 Patent/Intellectual Property

1. Ong Suan Mei, Syed Hatim Noor, Wan Nor Arifin Bin Wan Mansor, Standardisation Analysis Computer Program (StdAn), LY2017005175, 13/12/2017.
2. Noraini Binti Mohamad, Norkhafizah Bt Saddki, Nurhanis Syazni Binti Roslan, Wan Nor Arifin Bin Wan Mansor, Wong Siong Ting, Alat Penilaian Bahan Pendidikan Pesakit Dan Panduan Pengguna Versi Bahasa Malaysia, DV2019001603, 29/03/2019.
3. Noraini Binti Mohamad, Norkhafizah Bt Saddki, Nurhanis Syazni Binti Roslan, Wan Nor Arifin Bin Wan Mansor, Wong Siong Ting, Alat Penilaian Bahan Pendidikan Pesakit Bagi Jenis Boleh Cetak Versi Bahasa Malaysia, PEMAT- P(M), DV2019001609, 29/03/2019.
4. Azriani Binti Berahim @ Ab. Rahman, Mohd Ismail Bin Ibrahim, Mokhtarrudin Ahmad, Norazlifah Bt Muhamad, Razlina Abdul Rahman, Wan Nor Arifin Bin Wan Mansor, Kajian Mengenai Pendedahan Dan Sikap Terhadap Bahan-Bahan Berunsur Lucah (PORQUE), LY2018002868, 17/07/2018.
5. Wong Siong Ting, Noraini Binti Mohamad, Norkhafizah Saddki, Nurhanis Syazni Binti Roslan, Wan Nor Arifin Bin Wan Mansor, Alat Penilaian bahan Pendidikan Pesakit Bagi Jenis Pandang-Dengar Versi Bahasa Malaysia, PEMAT- A/V(M), DV2019001608, 29/03/2019.
6. Alwi Bin Muhd Besari @ Hashim, Habsah Bt Hasan, Lee Yeong Yeh, Nani Binti Draman, Noor Aman Bin A. Hamid, Rosnani Binti Zakaria, Surianti Binti Sukeri, Wan Hani Sofia Bt Wan Mansor, Wan Mohd Zahiruddin Bin Wan Mohammad, Wan Nor Arifin Bin Wan Mansor, Zeehaida Mohamed, Pamphlet - Persiapan Sebelum Banjir, LY2018006948, 28/12/2018.

7. Wan Mohd Zahiruddin Bin Wan Mohammad, Alwi Bin Muhd Besari @ Hashim, Habsah Bt Hasan, Lee Yeong Yeh, Nani Binti Draman, Noor Aman Bin A. Hamid, Rosnani Binti Zakaria, Surianti Binti Sukeri, Wan Hani Sofia Bt Wan Mansor, Wan Nor Arifin Bin Wan Mansor, Zeehaida Mohamed, Power Point - Mesej Pendidikan Kesihatan: Pencegahan Penyakit Berjangkit Semasa Banjir, LY2018006952, 28/12/2018.
8. Alwi Bin Muhd Besari @ Hashim, Habsah Bt Hasan, Lee Yeong Yeh, Nani Binti Draman, Noor Aman Bin A. Hamid, Rosnani Binti Zakaria, Surianti Binti Sukeri, Wan Hani Sofia Bt Wan Mansor, Wan Mohd Zahiruddin Bin Wan Mohammad, Wan Nor Arifin Bin Wan Mansor, Zeehaida Mohamed, Pamplet - Awas! Penyakit Berjangkit Selepas banjir, LY2018006958, 28/12/2018.
9. Alwi Bin Muhd Besari @ Hashim, Habsah Bt Hasan, Lee Yeong Yeh, Nani Binti Draman, Noor Aman Bin A. Hamid, Rosnani Binti Zakaria, Surianti Binti Sukeri, Wan Hani Sofia Bt Wan Mansor, Wan Mohd Zahiruddin Bin Wan Mohammad, Wan Nor Arifin Bin Wan Mansor, Zeehaida Mohamed, Pamplet - Awas! Penyakit Berjangkit Semasa banjir, LY2018006957, 28/12/2018.
10. Wan Mohd Zahiruddin Bin Wan Mohammad, Alwi Bin Muhd Besari @ Hashim, Habsah Bt Hasan, Lee Yeong Yeh, Nani Binti Draman, Noor Aman Bin A. Hamid, Rosnani Binti Zakaria, Surianti Binti Sukeri, Wan Hani Sofia Bt Wan Mansor, Wan Nor Arifin Bin Wan Mansor, Zeehaida Mohamed, Borang Kaji Selidik - Pengetahuan, Sikap Dan Amalan Tentang Penyakit Berjangkit Berkaitan Banjir, LY2018006950, 28/12/2018.
11. Wan Mohd Zahiruddin Bin Wan Mohammad, Alwi Bin Muhd Besari @ Hashim, Habsah Bt Hasan, Lee Yeong Yeh, Nani Binti Draman, Noor Aman Bin A. Hamid, Rosnani Binti Zakaria, Surianti Binti Sukeri, Wan Hani Sofia Bt Wan Mansor, Wan Nor Arifin Bin Wan Mansor, Zeehaida Mohamed, Video - Awas! Banjir, Penyakit Berjangkit Sebelum, Semasa Dan Selepas Banjir, LY2018006951, 28/12/2018.
12. Wan Mohd Zahiruddin Bin Wan Mohammad, Alwi Bin Muhd Besari @ Hashim, Habsah Bt Hasan, Lee Yeong Yeh, Nani Binti Draman, Noor Aman Bin A. Hamid, Rosnani Binti Zakaria, Surianti Binti Sukeri, Wan Hani Sofia Bt Wan Mansor, Wan Nor Arifin Bin Wan Mansor, Zeehaida Mohamed, Power Point - Mesej Pendidikan Kesihatan: Pencegahan Penyakit Berjangkit Selepas Banjir, LY2018006953, 28/12/2018.
13. Wan Mohd Zahiruddin Bin Wan Mohammad, Alwi Bin Muhd Besari @ Hashim, Habsah Bt Hasan, Lee Yeong Yeh, Nani Binti Draman, Noor Aman Bin A. Hamid, Rosnani Binti Zakaria, Surianti Binti Sukeri, Wan Hani Sofia Bt Wan Mansor, Wan Nor Arifin Bin Wan Mansor, Zeehaida Mohamed, Carta Sisipan - Mesej Pendidikan Kesihatan: Pencegahan Penyakit Berjangkit Semasa Banjir, LY2018006954, 28/12/2018.
14. Wan Mohd Zahiruddin Bin Wan Mohammad, Alwi Bin Muhd Besari @ Hashim, Habsah Bt Hasan, Lee Yeong Yeh, Nani Binti Draman, Noor Aman Bin A. Hamid, Rosnani Binti Zakaria, Surianti Binti Sukeri, Wan Hani Sofia Bt Wan Mansor, Wan Nor Arifin Bin Wan Mansor, Zeehaida Mohamed, Carta Sisipan - Mesej Pendidikan Kesihatan: Pencegahan Penyakit Berjangkit Selepas Banjir, LY2018006956, 28/12/2018.

8 Academic Recognition

8.1 Editorial Consultation

Editorial Board

2016-present The Malaysian Journal of Medical Sciences (Statistical Editor)

2016-present Education in Medicine Journal (Associate Editor)

2016-present Malaysian Journal of Emergency Medicine (Statistical Editor)

2013-2015 Education in Medicine Journal (Editorial Board Member)

Grant Reviews

2015-2017 Member, Research Committee, School of Medical Science, Universiti Sains Malaysia

Ad Hoc Manuscript Reviews

- The Malaysian Journal of Medical Sciences
- Education in Medicine Journal
- PlosONE
- Heart Asia
- Sultan Qaboos University Medical Journal
- PeerJ

8.2 Research Consultation

1. Validation of Malay Version of ASSIST 3.1, Ministry of Health of Malaysia. 21/8/2011-26/7/2018.

8.3 Academic Awards

1. Silver medal for innovation. Nyi Nyi Naing, Wan Arfah Nadiah Wan Abdul Jamil, Mohamed Rafie Arshad, Habsah Hassan, Mohammed Dauda Goni (presenter), **Wan Nor Arifin Wan Mansor** (2019, 9 March). Smart Phone Apps on Health Education Module for Prevention of Respiratory Tract Infections During Hajj and Umrah Pilgrimage. Research and Innovation Week 2019 (March 12-13), UniSZA, Terengganu, Malaysia.
2. 1st place for poster presentation. Najihah Mahfuzah Zakria (presenter), Tengku Alina Tengku Ismail, Zaharah Sulaiman, **Wan Nor Arifin** (2019, February). Infant and Young Child Feeding Attitude Scores and its Associated Factors among Child Care Providers in Kelantan. Poster presented at 1st National Infant and Young Child Feeding Scientific Conference (February 20-21), Perdana Hotel, Kota Bharu, Kelantan, Malaysia.
3. Anugerah Sanggar Sanjung 2017 (Journal Publication [co-author]), Universiti Sains Malaysia. Awarded October 22, 2018 for publication of "Hadie, S. N. H., Hassan, A., Ismail, Z. I. M., Asari, M. A., Khan, A. A., Kasim, F., Yusof, N. A. M., Manan, H. A., Muda, T. F. M. T., **Arifin, W. N.** & Yusoff, M. S. B. (2017). Anatomy Education Environment Measurement Inventory: A Valid Tool to Measure the Anatomy Learning Environment. *Anatomical Sciences Education*, 10(5), 423-432. [ISI 2016 = 3.198]"
4. 1st prize for poster presentation. Nik Aida Nik Adib (presenter), Mohd Ismail Ibrahim, **Wan Nor Arifin**, Azriani Ab Rahman, Norazni Yahya, Suria Hussin, Raishan Shafini Bakar (2018, October). Confirmatory Factor Analysis of Malay Version of Malay Version Of The Parent Satisfaction Scale (PSS-M). Poster presented at Kelantan Research Day 2018 (October 16), Hotel Crown Garden, Kota Bharu, Kelantan, Malaysia.
5. 1st prize for poster presentation. Nik Aida Nik Adib (presenter), Mohd Ismail Ibrahim, **Wan Nor Arifin**, Azriani Ab Rahman, Norazni Yahya, Suria Hussin, Raishan Shafini Bakar (2018, September). Factor Associated With Caregiver Satisfaction On Autism Management At Government Tertiary Hospital: A Statewide Study. Poster presented at 20th IMAM Annual Scientific Conference (September 27-30), Grand Blue Wave Hotel, Shah Alam, Selangor, Malaysia.
6. Distinguished scholars oral presentation award. Liu Kien Ting (presenter), Garry Kuan, Yee Cheng Kueh, **Wan Nor Arifin**, Youngho Kim (2018, February). Confirmatory Factor Analysis of Decisional Balance and Processes of Change Scale Among Undergraduate Students in Health Campus, Universiti Sains Malaysia (USM). Presented at 5th International Seminar of Sports and Exercise (February 6-7), Grand Margherita Hotel, Kuching, Malaysia.

7. Best oral scientific paper award. Wong Siong Ting (presenter), Norkhafizah Saddki, **Wan Nor Arifin**, Noraini Mohamad, Nurhanis Syazni Roslan (2017, August). Cross-Cultural Translation and Adaptation of Patient Education Materials Assessment Tool into Bahasa Malaysia. Presented at 21st National Public Health Colloquium (August 23-24), Hotel Bangi-Putrajaya, Selangor, Malaysia.
8. Best paper award. Wan Rosli Wan Ishak (presenter), Noor Fadzlina Ab Hamid, Wan Suriati Wan Nik, Hamid Jan Jan Mohamed, Nor Haslina Mohd, **Wan Nor Arifin**, Wan Mohd Izani Wan Mohamed, Rohana Abd Jalil, Tengku Alina Tengku Ismail, Mohd Ismail Ibrahim, Rohaida Ismail, Tengku Fatimatul Tengku Hassim, Wan Abdul Manan Wan Muda (2017, July). Nutritional Composition of Meal Replacement Recipes for Body Weight Reduction Interventional Program (My Body is Fit and Fabulous at Work, MyBFF@Work). Presented at 2nd International Conference on Engineering Mechanics and Applied Sciences (rcEMAS 2017) (July 5), Langkawi, Malaysia.

9 Teaching and Supervision Experience

9.1 Postgraduate Courses

MSc (Medical Statistics)

1. Basic Statistics (GBT 501)
 - Probability Theory
 - Probability Distributions
 - Sampling distributions
 - Estimation
 - Hypothesis Testing
 - Simple Logistic Regression (until 2016)
2. Intermediate Statistics (GBT 502)
 - Multiple Logistic Regression (until 2016)
 - Exploratory Factor Analysis
 - Confirmatory Factor Analysis
3. Critical Appraisal (GBT 504)
 - Appraising Validation Studies
4. Clinical Epidemiology (GBT 505)
 - Clinical Agreement
5. Research Methodology (GBT 506)
 - Questionnaire Design
 - Validity and Reliability in Measurement Tools
6. Advanced Statistics (GBT 507)
 - Poisson Regression
 - Log-linear Regression
 - Repeated Categorical Data Analysis

Doctor of Public Health (DrPH)

1. Advanced Numerical Data Analysis (GET 507)
 - Multivariate analysis - Exploratory factor analysis
 - Multivariate analysis - Structural equation modeling
2. Advanced Categorical Data Analysis (GET 508)
 - Poisson regression
3. Clinical Epidemiology (GET 509)
 - Clinical agreement

Master of Public Health (MPH)

1. Research Project(GKT 508)
 - Questionnaire Based Research

Master of Cognitive Neurosciences

1. Statistics for Clinical Psychologists & Cognitive Neuroscientists (GCN 506)
 - Multivariate statistics
 - Principles components and factor analysis
 - Structural equation modeling I
 - Structural equation modeling II
 - Multidimensional scaling

Integrated Neuroscience Program (INP)

1. Basic and Applied Statistics (GIN 610)
 - Getting Started with SPSS
 - Hypothesis testing and Confidence Interval

MSc (Clinical Anatomy)

1. Biostatistics and Research Methodology (GAM 501)
 - Hypothesis testing
 - Estimation

MSc (Sports Science)

1. Scientific Evaluation (GSA 503) [until 2015]
 - Hypothesis testing
 - Estimation

9.2 Postgraduate supervisions

Research Mode

Current

1. Dr. Kamran Sattar, The Roles of Coping in Medical Professionalism and Mental Wellbeing for Undergraduate Medical Students. PhD, Universiti Sains Malaysia (2019-present) [co-supervisor]
2. Nor Firdous Mohamed, Factors that Influence the Adherence to Secondary Prevention Medications Intake among Coronary Heart Disease Patients. PhD, Universiti Pendidikan Sultan Idris (2019-present) [co-supervisor]
3. Mohammed Dauda Goni, Development and Evaluation of Effective Health Education Module Against Respiratory Tract Infections Among Malaysian Hajj Pilgrims: A Quasi Experimental Study. PhD, Universiti Sains Malaysia (2018-present) [co-supervisor]
4. Norlyiana Samsuri, Acculturation in Non-Malaysian and Its Reflection on the Neural Substrate of Culture Specific Emotion. PhD, Universiti Sains Malaysia (2018-present) [co-supervisor]

Completed

1. Ong Suan Mei, Socio-demographic, clinical and epidemiological factors of TB-HIV coinfection in northern Malaysia: Standardization and Log-linear analyses on morbidity rates. PhD (Biostatistics), Universiti Sains Malaysia (2014-2017) [co-supervisor, mainly on software development for standardization of rate using C++]
2. Roslinda Isa, Knowledge of primary school teachers regarding asthma and its management among school children. MSc (Nursing), Universiti Sains Malaysia (2013-2017) [co-supervisor]

Mixed Mode

Current

1. Abdulwali Sabo Abdulrahman, Structural relationship of the Social Ecological and Psychological constructs on the amount of Physical activity among University's students in Health Campus, Universiti Sains Malaysia. MSc (Medical Statistics), Universiti Sains Malaysia (2018-present) [co-supervisor]
2. Dr. Siti Maryam, Preschool Teachers' Attitude and Knowledge Towards Reporting of Child Maltreatment. DrPH, Universiti Sains Malaysia (2018-present) [co-supervisor]
3. Sara Fatini Abdul Naser, A Preliminary Study on Corticomotor Excitability Following Repetitive Transcranial Magnetic Stimulation (RTMS) on Stroke Patients in a Tertiary Hospital in Northeast Peninsular Malaysia. Integrated Neuroscience Program, Universiti Sains Malaysia (2018-present) [co-supervisor]
4. Dr. Nik Aida Nik Adib, Caregivers Living with Autism Spectrum Disorder Children: Assessment of Their Satisfaction on Health Care Management and Stress in Kelantan. DrPH, Universiti Sains Malaysia (2017-2019) [co-supervisor]
5. Dr. Goh Soo Ning, The Relationship Between Social Support and Interpregnancy Weight Change with Gestational Diabetes Mellitus in Kelantan. DrPH, Universiti Sains Malaysia (2017-2019) [co-supervisor]
6. Dr. Mohamad Masykurin bin Mafauzy, Psychometric Evaluation of Flood Disaster Management Questionnaire (FloodDMQ-BM): Confirmatory Factor Analysis and Item Response Theory Analysis. MMed (Emergency Medicine), Universiti Sains Malaysia (2017-present) [co-supervisor]

7. Dr. Wong Siong Ting, Cross-Cultural Adaptation and Validation of the Malaysian version Patient Education Materials Assessment Tool, PEMAT(M). DrDPH, Universiti Sains Malaysia (2016-2019) [co-supervisor]
8. Dr. Nurul Fateha Abd Rahman, Development And Psychometric Evaluation Of Triage Questionnaire. MMed (Emergency Medicine), Universiti Sains Malaysia (2016-present) [co-supervisor]
9. Dr. Mohd Najib Abdul Ghani, Validation of Flood DMQ-BM, MMed (Emergency Medicine), Universiti Sains Malaysia (2015-present) [co-supervisor]

Completed

1. Dr. Najihah Mahfuzah Zakaria, Development of a new questionnaire to assess childcare providers' knowledge, attitude and practice on infant and young child feeding and their associated factors in Kota Bharu, Kelantan. DrPH, Universiti Sains Malaysia (2016-2019) [co-supervisor]
2. Fairul Ezwan Fahrurazi, Socio-Demographic, Clinical and Treatment Related Factors Of Multidrug-Resistant Tuberculosis In Malaysia: Log-Linear Analysis On Count Data. MSc (Medical Statistics), Universiti Sains Malaysia (2017-2018) [supervisor]
3. Liu Kien Ting, Structural Relationship Between Transtheoretical Model Of Behaviour Changes, Motives And Amount Of Physical Activity Among Undergraduate Students In Health Campus, Universiti Sains Malaysia (USM) Analysis. MSc (Medical Statistics), Universiti Sains Malaysia (2017-2018) [co-supervisor]
4. Siti Rubiaehtul Hassim, Confirmatory Factor Analysis Of Malay Version Of Smartphones Addiction Scale (SAS) And Malay Internet Addiction Test (IAT) Among Medical Students At Hospital Universiti Sains Malaysia. MSc (Medical Statistics), Universiti Sains Malaysia (2016-2017) [supervisor]
5. Dr. Azirawati Ismail, The Effectiveness ff Intravenous Parecoxib Sodium as an Analgesic Alternative to Morphine in Suspected Acute Renal Colic in Emergency Department of Hospital Universiti Sains Malaysia. MMed (Emergency Medicine), Universiti Sains Malaysia (2016-2017) [co-supervisor]
6. Dr. Tan Sin Yew, Work Engagement and Factors Associated with Teacher's Psychosocial Aspect at Work in Primary Schools of Kota Bharu, Kelantan, DrPH, Universiti Sains Malaysia (2015-2017) [co-supervisor]
7. Dr. Am Basheer Alias, 8 years retrospective cohort study on short term outcome of sutureless thyroidectomy in HRPZ II. MMed (Surgery), Universiti Sains Malaysia (2015-2017) [co-supervisor]
8. Aizuddin Hidrus, Structural Equation Modelling on Sport Courage, Mental Toughness, Coping Skills, and Performance Outcome on Martial Arts Athletes in Malaysia. MSc (Medical Statistics), Universiti Sains Malaysia (2016-present) [co-supervisor]
9. Dr. Shahiniz Tasneem Mustaffa Kamal, Assessment of validity and reliability of Malay version of Asthma Control Test. MMed (Paediatrics), Universiti Sains Malaysia (2012-2017) [co-supervisor]
10. Nurul Fitriah Ab Rashid, Validation of Malay version of Five-Factor Nonverbal Personality Questionnaire (FF-NPQ) among medical students in Malaysia. MSc (Medical Statistics), Universiti Sains Malaysia (2016) [supervisor]
11. Atamamen Temitope Folasade, Validation of Recovery-stress Questionnaire among undergraduate students in Health Campus, Universiti Sains Malaysia. MSc (Medical Statistics), Universiti Sains Malaysia (2016) [co-supervisor]
12. Dr. Safiya Amaran, The importance of public health ethics in restrictive measure to control hand, foot and mouth disease in Kota Bharu, Kelantan. DrPH (Epidemiology), Universiti Sains Malaysia (2015) [co-supervisor]

13. Izyan Hazwani Baharuddin, Validity and reliability of Malay translated version of the Index of Dental Anxiety and Fear scale (IDAF-4C+) among secondary school children in Negeri Sembilan. MSc (Medical Statistics), Universiti Sains Malaysia (2015) [supervisor]
14. Nurhazwani Hamid, Validity and reliability of a Malay-version Breastfeeding Questionnaire (TPB-MBQ) among male staffs in Health Campus, Universiti Sains Malaysia (USM). MSc (Medical Statistics), Universiti Sains Malaysia (2015) [supervisor]
15. Lim Bee Chiu, Modelling of knowledge, health beliefs and health promoting behaviours related to cardiovascular disease among Malaysian university students. MSc (Medical Statistics), Universiti Sains Malaysia (2015) [co-supervisor]
16. Dr. Muhammad Zulkefli Ramlay, Cross cultural adaptation and validation of Oral Health Literacy Instrument (OHLI) for use in Malaysia. DrDPH, Universiti Sains Malaysia (2015) [co-supervisor]
17. Dr. Tengku Zaharah Tengku Bahanuddin, Knowledge of occupational safety and health among medical officers in Kelantan health clinics. MPH (2015) [co-supervisor]
18. Hazwan Mat Din, Validation of a new inventory of attitude towards application of biostatistics among postgraduate students in Health Campus, Universiti Sains Malaysia (USM). MSc (Medical Statistics), Universiti Sains Malaysia (2014) [co-supervisor]
19. Dr. Omar Kwang Kugan, Self-reported knowledge, attitude and practice of corporate culture among clinical staffs of Hospital Raja Perempuan Zainab II, Kota Bharu. MPH, Universiti Sains Malaysia (2014) [co-supervisor]
20. Siti Nur Farliza Zaharudin, Confirmatory factor analysis of USM Personality Inventory (USMAP-i) among medical degree program applicants in Universiti Sains Malaysia (USM). MSc (Medical Statistics), Universiti Sains Malaysia (2013) [co-supervisor]

9.3 Undergraduate Courses

Doctor of Medicine (MD)

1. Basic Epidemiology, Research Methodology and Basic Biostatistics
 - Inferential Statistics
 - Sample Size Determination
 - Sampling Methods

9.4 Undergraduate Supervisions

Completed

1. Fatin Nabila Muhammad, Modelling of dengue hemorrhagic fever using bootstrapped logistic regression model. BSc (Computational Mathematics), Universiti Malaysia Terengganu (2015) [co-supervisor]

Current

1. -

Industrial Training

1. Mohamad Faiz Zil Ikram Mahmud, Intraclass correlation coefficients for determination of test-retest reliability. Industrial training for BSc (Mathematics), Universiti Putra Malaysia (2015) [field supervisor].
2. Nur Syuhaidah Talib, Attitudes and practices towards road traffic regulations among residents of Kubang Kerian. Industrial Training, Universiti Kebangsaan Malaysia (2014) [field supervisor]

3. Norsyazwana Zulkifli, Attitudes and practices towards road traffic regulations among residents of Kubang Kerian. Industrial Training, Universiti Kebangsaan Malaysia (2014) [field supervisor]
4. Nor Izati Dzulkifli, Attitudes and practices towards road traffic regulations among residents of Kubang Kerian. Industrial Training, Universiti Kebangsaan Malaysia (2014) [field supervisor]
5. Nur Hafifah Nadirah Jafri, Knowledge, attitudes and practices towards road traffic regulations among USM Health Campus staffs and residents of Kubang Kerian. Industrial Training, Universiti Kebangsaan Malaysia (2014) [field supervisor]
6. Mohammad Shafiq Mohammad Raduan, Knowledge, attitudes and practices towards road traffic regulations among USM Health Campus staffs and residents of Kubang Kerian. Industrial Training, Universiti Malaysia Terengganu (2014) [field supervisor]
7. Amiratul Liyana Mohamad Hanapi, Knowledge, attitudes and practices towards road traffic regulations among USM Health Campus staffs and residents of Kubang Kerian. Industrial Training, International Islamic University Malaysia (2014) [field supervisor]
8. Roziyah Mamat@Sulaiman, The associated factors of dengue hemorrhagic fever (DHF) in Hospital Universiti Sains Malaysia (HUSM), Kubang Kerian. Industrial Training, Universiti Teknologi MARA (2014) [field supervisor]
9. Nor Syahida Ahamad Saferi, A study on associated factors of mental retardation among nine years old children in Kota Bharu and Gua Musang, Kelantan. Industrial Training, Universiti Teknologi Malaysia (2013) [field supervisor]
10. Mohd Junaidi Zakaria, Factors affecting medical students' attitude toward educational environment. Universiti Teknologi MARA (2013) [field supervisor]
11. Siti Sarah Abdullah, The Perception on Statistical Method among Undergraduate Medical, Dental and Health Sciences Students in Universiti Sains Malaysia. Industrial Training, Universiti Teknologi MARA (2012) [field supervisor]
12. Nur Syafika Muhamad Sukari, The Perception on Statistical Method among Undergraduate Medical, Dental and Health Sciences Students in Universiti Sains Malaysia. Industrial Training, Universiti Teknologi MARA (2012) [field supervisor]
13. Nor Muslima Md Yusoff, The Perception on Statistical Method among Undergraduate Medical, Dental and Health Sciences Students in Universiti Sains Malaysia. Industrial Training, Universiti Teknologi MARA (2012) [field supervisor]
14. Norhashimah Mohd Nasir, The Perception on Statistical Method among Undergraduate Medical, Dental and Health Sciences Students in Universiti Sains Malaysia. Industrial Training, Universiti Teknologi MARA (2012) [field supervisor]
15. Mohd Hafiz Mohd Alham, The Perception on Statistical Method among Undergraduate Medical, Dental and Health Sciences Students in Universiti Sains Malaysia. Industrial Training, Universiti Teknologi MARA (2012) [field supervisor]

9.5 Workshops

Speaker (External)

1. Questionnaire Validation Workshop, Clinical Research Centre, Hospital Raja Perempuan Zainab II, 3-4/9/2018.
2. Statistical Analysis using R, Clinical Research Centre, Hospital Raja Perempuan Zainab II, 6-7/8/2018.
3. Basic Statistical Analysis Using R, Institut Kesihatan Umum, Kementerian Kesihatan Malaysia, 1-2/8/2018.

4. Introduction to Statistical Analysis using R, Clinical Research Centre, Hospital Raja Perempuan Zainab II, 16-17/7/2018.
5. Basics of Data Entry and Management, Clinical Research Centre, Hospital Raja Perempuan Zainab II, 26/6/2018.
6. Data Analysis Using R, Institut Kesihatan Umum, Kementerian Kesihatan Malaysia, 26-28/9/2017.
7. Questionnaire Validation Workshop, Clinical Research Centre, Hospital Raja Perempuan Zainab II, 30-31/10/2017.
8. Questionnaire Validation Workshop, Clinical Research Centre, Hospital Sungai Buloh, 23-24/8/2017.

Speaker (Internal)

1. A Short Course on Data Analysis Using R Software, USAINS (2017, 2019)
2. 1st-6th Questionnaire Validation Workshop, USAINS (2013-2017, 2019).

10 Other Training Experience

1. Introduction to Machine Learning with Python, Fakulti Sains Komputer dan Matematik. Big Data Lab, UiTM, Shah Alam. 31/1-1/2/2019.
2. Advanced Programming in R, Royal Statistical Society. London, UK. 5-6/12/2016.
3. Introductory Latent Trait Analysis Workshop, Malaysian Psychometrics Association. Universiti Utara Malaysia, Kedah. 30/10/2016.
4. Introduction to Dichotomous & Polytomous Data Analysis using IRT, Malaysian Psychometrics Association. Universiti Utara Malaysia, Kedah. 30/10/2016.
5. Analysing Polytomous Data using Item Response Theory (IRT), Malaysian Psychometrics Association. MIMOS Berhad, Kuala Lumpur. 25/10/2015.
6. Structural Equation Modelling in R, The Psychometrics Centre. University of Cambridge, Cambridge, UK. 3-5/6/2015.
7. Introduction to Item Response Theory, Malaysian Psychometrics Association. MIMOS Berhad, Kuala Lumpur. 25/10/2015.
8. Statistical Data Analysis using R, USAINS. Kompleks EUREKA, Universiti Sains Malaysia, Penang. 19-21/11/2012.