

CURRICULUM VITAE

PERSONAL SUMMARY

Name : Nurhanis Syazni ROSLAN

Nationality : Malaysian

Current Position : Lecturer (DU51)

MMC No : 58736

Field of Interest : Medical Education, Assessment, Resilience, Well-being, Professionalism



Address : Medical Education Department, School of Medical Sciences, Universiti Sains
Malaysia, 16150 Kota Bharu, Kelantan, Malaysia

Email : nurhanis_syazni@usm.my

Date of Birth : 2 December 1986

EDUCATION

<u>PhD</u> 2018-2021	Medical Education, Universiti Sains Malaysia	PhD
<u>MASTERS</u> 2014-2016	Medical Education, Universiti Sains Malaysia	MSc MEd
<u>DEGREE</u> 2006-2011	Medicine, Royal College of Surgeons in Ireland (RCSI)	M.B, B.Ch., B.A.O
<u>DIPLOMA</u> 2004-2006	MARA College Banting	International Baccalaureate

INTERNSHIP & WORKING EXPERIENCE

2016-present : Lecturer (Medical Education Department, USM)

2014-2016 : Trainee Lecturer (Medical Education Department, USM)

2013-2014 : Medical Officer (Klinik Rawatan Keluarga, HUSM)

2012-2013 : Obstetrics and Gynaecology/Paediatric/Orthopaedics Houseman (HUSM)

2012 : Endocrine/Medical Intern (St James Connolly Hospital, Ireland)

2011 : Colorectal/General Surgery/Neurosurgical Intern (Beaumont Hospital, Ireland)

RESEARCH WORKS

GRANT (PRINCIPAL INVESTIGATOR)

University

1. Medical Professionalism In A Malaysian Context: From The Perspective of Medical Professionals In A Teaching Hospital. Short Term Grant. RM28,276.54. **Nurhanis Syazni Roslan**, Ahmad Fuad Abdul Rahim, Zabidi Azhar Hussin, Muhamad Saiful Bahri Yusoff, Syurahbil Abdul Halim. December 2015-November 2017

2. Exploring Mental Health Disorders Prevalence and Factors Contributing to Professional Resilience Among House Officers: A Mixed-Method Study. Short Term Grant. RM33,552.70. **Nurhanis Syazni Roslan**, Asrenee Ab Razak, Muhamad Saiful Bahri Yusoff, Karen Morgan, Nor Izzah Abd Shauki. August 2018 - November 2020

National

1. Conceptualising A Framework On Resilience Among Junior Doctors Towards Addressing Burnout Issues In Healthcare. FRGS. RM85760.00. **Nurhanis Syazni Roslan**, Muhamad Saiful Bahri Yusoff, Karen Morgan, Asrenee Ab Razak. January 2019-September 2021

GRANT (CO-RESEARCHER)

University

The Role of SPICE Curriculum Orientation in Professional Identity Development of the Graduates of School of Medical Science Universiti Sains Malaysia. Short Term Grant. RM34,910.40. Mohd Zarawi Mat Nor, Anisa Ahmad, Jamilah Al-Muhammady Muhammad, Mohamad Najib Mat Pa, Muhamad Saiful Bahri Yusoff, Muhd Al-Aarifin Ismail, Nik Mohd Rizal Mohd Fakri, **Nurhanis Syazni Roslan**, Rosniza Aziz, December 2014-December 2016

National

1. Establishing a new approach of clinical communication skills assessment for medical students using an immersive virtual simulated patient. FRGS. RM191,300.00. Siti Khadijah Adam, Rafidah Hod, Azreen Azman, Puteri Suhaiza Sulaiman, **Nurhanis Syazni Roslan**. September 2019-August 2022.

2. Muhamad Saiful Bahri Bin Yusoff, Dr. Mohd Hafiz Md Hanif , **Nurhanis Syazni Roslan**, Prof. Dr. Fatin Aliah Phang Abdullah , Prof. Dr. Norbahiah Misran , Prof. Madya Dr. Nurfadhliana Mohd Sharf , Profesor Dr. Abdul Rahim Bin Hamdan , Profesor Dr. Yatimah Binti Alias , Profesor Madya Dr. Tan Tse Guan , Pembangunan Kaedah Pengiraan Merit Baharu Kemasukan Ke Institusi Pendidikan Tinggi Awam (IPTA) Dan Institusi Latihan Kemahiran Awam (ILKA) Bagi Program Pengajian Lulusan SPM Mulai Sesi Akademik 2022/2023 , RM245,155.00, 15/09/2021-14/09/2022

International

1. Muhamad Saiful Bahri Bin Yusoff, Jamilah Al-muhammady Mohammad, Kamarul Aryffin Bin Baharuddin, Nik Ahmad Zuky Bin Nik Lah, Nor Azwany Bt. Yaacob, Nurhanis Syazni Binti Roslan, Siti Nurma Hanim Bt Hadie @ Haji, Zul Izhar Bin Mohd Ismail, CALOHEA: Measuring And Comparing Achievements Of Learning Outcomes In Higher Education In Asia - Medicine, RM154,354.66, 15/01/2021-14/01/2024 (Co researcher)

RESEARCH PUBLICATIONS

1. Lim, B., **Roslan, NS**, Fauzi, M., Fatihah, N., Zuhdi, M., Faiziah, W., & Rahman, W. (2024). Awareness of Do Not Resuscitate (DNR) Order among Medical Students in Universiti Sains Malaysia. *Malaysian Journal of Medicine and Health Sciences*, 20(1), 227–233. <https://doi.org/10.47836/mjmhs.20.1.30>
2. Mohd Salim NA, **Roslan NS**, Hod R, Zakaria SF, Adam SK. Exploring Critical Components of Physician-Patient Communication: A Qualitative Study of Lay and Professional Perspectives. *Healthcare (Basel)*. 2023 Jan 5;11(2):162. doi: 10.3390/healthcare11020162.
3. **Roslan NS**, Yusoff MSB, Morgan K, Ab Razak A, Ahmad Shauki NI. What Are the Common Themes of Physician Resilience? A Meta-Synthesis of Qualitative Studies. *International Journal of Environmental Research and Public Health*. 2022; 19(1):469. <https://doi.org/10.3390/ijerph19010469>
4. Ang XY, Mageswaran UM, Chung YLF, Lee BK, Azhar SNA, **Roslan NS**, Saufian IFB, Mustaffa NS, Kalam EM, Ibrahim AF, Abdul Wahid N, Deris ZZ, Oon C-E, Adnan WFW, Sany S, Liong M-T. Probiotics Reduce Vaginal Candidiasis in Pregnant Women via Modulating Abundance of Candida and Lactobacillus in Vaginal and Cervicovaginal Regions. *Microorganisms*. 2022; 10(2):285. <https://doi.org/10.3390/microorganisms10020285>
5. **Roslan NS**, Yusoff MSB, Ab Razak A, Morgan K, Ahmad Shauki NI, Kukreja A, Rahmat N, Andrew CRW, Shaharudin Basri MF, Abd Mokti AS, Md Yazid NH, Ismail M, Bakit P. Training Characteristics, Personal Factors and Coping Strategies Associated with Burnout in Junior Doctors: A Multi-Center Study. *Healthcare*. 2021; 9(9):1208. <https://doi.org/10.3390/healthcare9091208>
6. Arif NMNA, **Roslan NS**, Ismail SB, Nayak RD, Jamian MR, Mohamad Ali Roshidi AS, Edward TC, Kamal MA, Mohd Amin MM, Shaari S, Shaharudin Basri MF. Prevalence and Associated Factors of Psychological Distress and Burnout among Medical Students: Findings from Two Campuses. *International Journal of Environmental Research and Public Health*. 2021; 18(16):8446. <https://doi.org/10.3390/ijerph18168446>
7. **Roslan, N.S.**; Halim, A.S. Enablers and Barriers to Online Learning among Medical Students during COVID-19 Pandemic: An Explanatory Mixed-Method Study. *Sustainability* 2021, 13, 6086. <https://doi.org/10.3390/su13116086>
8. Rahman, M.A., Yusoff, M.S.B., **Roslan, N.S.** et al. Development and validation of the medical professionals resilience scale. *BMC Health Serv Res* 21, 482 (2021). <https://doi.org/10.1186/s12913-021-06542-w>
9. **Roslan, N. S.**, Yusoff, M. S. B., Razak, A. A. & Morgan, K. Burnout Prevalence and Its Associated Factors among Malaysian Healthcare Workers during COVID-19 Pandemic: An Embedded Mixed-Method Study. *Healthcare* 9, 90 (2021).
10. Abd Rahim AF, **Roslan NS**, Shuaib IL, Abdullah MS, Sayuti KA, Abu Hassan H. Standard-setting of Rapid Film Reporting Examination in Radiology Postgraduate Assessment – A Feasibility Study. *Hong Kong Journal of Radiology*. 24, 23–30 (2021).
11. **Roslan NS**, Yusoff MSB, Morgan K, Ab Razak A, Ahmad Shauki NI. Professional resilience skill training (pro-rest): an evidence-based and feasible educational module. *South-East Asian Journal of Medical Education*. 2021; 15 (special issue).
12. Mageswary, M.U., Ang, XY., Lee, BK, Chung YLF, Azhar SNA, Abd Hamid IJ, Abu Bakar H, **Roslan NS**, Liu X, Kang X, Dai L, Sreenivasa S, Taib Fm Zhang H, Liong MT. Probiotic *Bifidobacterium lactis* Probio-M8 treated and prevented acute RTI, reduced antibiotic use and hospital stay in hospitalized young children: a randomized, double-blind, placebo-controlled study. *Eur J Nutr* (2021). <https://doi.org/10.1007/s00394-021-02689-8>
13. Latjatih, N. H. F., **Roslan, N. S.**, Kassim, P. S. J. & Adam, S. K. Medical students' perception

and satisfaction on peer-assisted learning in formative OSCE and its effectiveness in improving clinical competencies. *J. Appl. Res. High.*2021

14. Guraya S., Sulaiman N., Guraya S, Fahim M., Abdelmannan D., Koshhal S., Yusoff MSB., **Roslan NS**. Understanding the climate of medical professionalism among university students: A multi-centre study. *Innovations in Teaching and Educational International Journal. Article in press.*
15. Ang XY, Chung FY, Lee BK, Azhar SNA, Sany S, **Roslan NS**, Ahmad N, Yusof SM, Abdullah N, Nik Ab Rahman NN, Abdul Wahid N, Deris ZZ, Oon CE, Wan Adnan WF, Liong MT. Lactobacilli Reduce Recurrences of Vaginal Candidiasis in Pregnant Women: A Randomized, Double-Blind, Placebo-Controlled Study. *J Appl Microbiol.* (2021).
16. Wadi, M.M., Nordin, N.I., **Roslan, N.S.**, Tan, C., Yusoff, M.S.B., (2020). Reframing Resilience Concept: Insights from a Meta-synthesis of 21 Resilience Scales. *Educ. Med. J.* 12, 3–22.
17. Lew, L., Hor, Y., Yusoff, N., Choi, S., Yusoff, MSB., & **Roslan, NS**. et al. (2019). Probiotic Lactobacillus plantarum P8 alleviated stress and anxiety while enhancing memory and cognition in stressed adults: A randomised, double-blind, placebo-controlled study. *Clinical Nutrition.*
18. Abusafia, A., **Roslan, NS.**, Mohd Yusoff, D., & Mat Nor, MZ. (2018). Snapshot of academic dishonesty among Malaysian nursing students: A single university experience. *Journal Of Taibah University Medical Sciences*, 13(4), 370-376.
19. **Roslan, NS**, Mohammad, JAM., Ismail, MAA., Ahmad, A. & Yusoff, MSB. (2018). Rethinking Education Environment: The Clinical Education Environment Framework. *Education in Medicine Journal*, 10(3), pp.31-46.
20. **Roslan NS**, Yusoff MSB. (2017) Simplified Thematic Engagement of Professionalism Scale (STEPS): Promoting Feedback Practice in Nurturing Professionalism. *Education in Medicine Journal*, 9(1)
21. **Roslan NS**, Yusoff MSB, Abd. Rahim AF, Zabidi-Hussin ZA (2016). Together we stand, divided we fall: Interprofessional collaborative practice competencies from Malaysian medical professionals' perspectives. *J Taibah Univ Med Sc*, 11(6):533e540
22. Ahmad A, **Roslan NS**, Mohammad J, & Yusoff MSB. (2015) Medical Graduates' Perception on the Quality of Clinical Education. *Education in Medicine Journal*, 7(4).

INDEXED CONFERENCE PROCEEDINGS

1. **Roslan NS**, Ismail SB, Ramyashilpa DN, Jamian MR, Kamal MA, Mohd Amin MM, Teh CE, Nik Ahmad NMA, Shaari S, Roshidi ASMA. (2020). Coping strategies among medical students: A multi-centre study. *Malaysian Journal of Medical Sciences*; March-April

CONFERENCE PROCEEDINGS

1. **Roslan NS**, Abd Rahim AF, Abd Razak SS, Abdull Wahab SF, Yusoff MSB (2017, March) The Validity Of Simplified Thematic Engagement Of Professionalism Scale (STEPS), Oral Session presented at Medical Education Conference, The Chinese University of Hong Kong
2. **Roslan NS**, Abd Rahim AF, Hussin ZA, Yusoff MSB, (2016, April). Malaysian Medical Professionalism Taxonomy: Developing a Timely Definition That Connects To Cultural Context. Oral Session presented at International Medical Education Conference, Kuala Lumpur.
3. **Roslan NS**, Abd Rahim AF, Hussin ZA, Yusoff MSB, (2016, April). Imparting Professionalism to the Medical Students: Are We Doing It Right? Poster Session presented at International Medical Education Conference, Kuala Lumpur.
4. **Roslan NS**, Yusoff MSB, (2015, April). Teaching & Assessment Strategies to Foster Medical Professionalism. Poster Session presented at International Medical Education Conference, Kuala Lumpur.

BOOK CHAPTER

Roslan, N.S., Yusoff, M.S.B. (2023). Script Concordance Test. In: Gasmalla, H.E.E., Ibrahim, A.A.M., Wadi, M.M., Taha, M.H. (eds) *Written Assessment in Medical Education*. Springer, Cham. https://doi.org/10.1007/978-3-031-11752-7_8

OTHER PUBLICATIONS

1. **Roslan, NS.** 'Vaksin Agenda Zionis ?'. *Dewan Kosmik* 2015: 28-29. Print.
2. Contributor and writer 'Performance Based Assessment (Case Study 18). Redesigning Assessment for Holistic Learning: A quick guide for higher education Academic Enhancement and Leadership Development Centre (ADeC), University of Malaya ISBN: 978-967-12151-4-2
3. Wong ST, Saddki N, Arifin WN, Mohamad N, **Roslan NS.** *Alat Penilaian Bahan Pendidikan Pesakit, PEMAT(M) dan Panduan Pengguna*. School of Dental Sciences, Universiti Sains Malaysia ISBN: 978-967-492-000-5

COPYRIGHTS

1. **Nurhanis Syazni Binti Roslan**, Asrenee Binti Ab. Razak, Karen Morgan, Muhamad Saiful Bahri Bin Yusoff, Nor Izzah Haji Ahmad Shauki, Detect - Evaluate - Action - Learn - Help Others (DEAL-HO) Framework, DV2019007170, 11/11/2019
2. **Nurhanis Syazni Binti Roslan**, Asrenee Binti Ab. Razak, Muhamad Saiful Bahri Bin Yusoff, Professional Resilience Skills Training Module (Pro-Rest), LY2019007163, 11/11/2019
3. **Nurhanis Syazni Binti Roslan**, Kamarul Aryffin Bin Baharuddin, Karen Morgan, Nik Ahmad Zuky Bin Nik Lah, Nor Izzah Haji Ahmad Shauki, Physician Resilience Framework, LY2019007167, 11/11/2019
4. **Nurhanis Syazni Binti Roslan**, Asrenee Binti Ab. Razak, Karen Morgan, Muhamad Saiful Bahri Bin Yusoff, Nor Izzah Haji Ahmad Shauki, Tan Zhi Yee, House Officers Resilience Discussion Videos, FM2019007164, 11/11/2019
5. **Nurhanis Syazni Binti Roslan**, Ahmad Fuad Bin Abdul Rahim, Kamarul Aryffin Bin Baharuddin, Muhamad Saiful Bahri Bin Yusoff, Nik Ahmad Zuky Bin Nik Lah, Simplified Thematic Engagement of Professionalism scale (STEPS) 360°, LY2019007165, 11/11/2019
6. Muhamad Saiful Bahri Bin Yusoff, Majed Mohammed Saleh Wadi, Nadia Izzati Nordin, **Nurhanis Syazni Binti Roslan**, Tan Celina, Integrated Resilience Model, LY2019007168, 11/11/2019
7. Ahmad Fuad Bin Abdul Rahim, Muhamad Saiful Bahri Bin Yusoff, **Nurhanis Syazni Binti Roslan**, Simplified Thematic Engagement of Professionalism Scale (STEPS), LY2018000215, 15/01/2018
8. 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
9. 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
10. 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), DV2019001604, 29/03/2019

SUPERVISION

MASTERS GRADUATED

- 1 2022, **NUR ASHRAFF MOHD** MSc Mixed Mode - FULL TIME, *Examining The Effect Of Item-Writing Flaws On The Item Analysis Of Single Best Answer Final Year Medical Examinations.*, MAIN SUPERVISOR

- 2 2020, **MARDHATI AB RAHMAN**, MSc Mixed Mode - FULL TIME, *Development and Validation of The Medical Professionals Resilience Scale (MeRS)*, CO-SUPERVISOR

- 3 2017, **ALI ABU SAFIA**, MSc Mixed Mode - FULL TIME, *Evaluation of Academic Dishonesty among Nursing Students Of Universiti Sains Malaysia*, CO-SUPERVISOR

MASTERS ONGOING

- 1 2022, **LIYANA NADHIRAH MUSTAFA** MSc Mixed Mode - FULL TIME, *Reflective Writing Skills Among First-Year Medical Students USM and Its Associations.*, MAIN SUPERVISOR

- 2 2023, **SOBIT AIDIT**, MMED Orthopedic - FULL TIME, *Short and long-term psychosocial impact in osteosarcoma survivors : a qualitative study*), CO-SUPERVISOR

- 3 2022, **AINUL ARINA MARDHIAH MOHD NOOR**, MMED Transfusion Medicine - FULL TIME, *Transfusion Medicine Specialist Professionalism: Perspective in Malaysian Context*, CO-SUPERVISOR

PhD ONGOING

- 1 2022, **SYEDA RUBABA AZIM**, PHD, RESEARCH - FULL TIME, *Development, Validation and Evaluation of a Resilience Module for Undergraduate Medical Students in Pakistan.*, MAIN SUPERVISOR

- 2 2023, **ALAUJAN ATHRA ABDULLAH A**, PHD, RESEARCH - FULL TIME, *Problem Based Learning in Applied Medical Sciences College*, CO-SUPERVISOR

- 3 2023, **NORAINI BINTI ABU BAKAR**, PHD, RESEARCH - PART TIME, *Developing and Validating a Dental Educator Competency Instrument (Deci) Leading to a National Survey of Educational Training and Competency of Dental Health Educators in Malaysia*, CO-SUPERVISOR

- 4 2023, **FARHANA HARZILA BINTI MOHD BAHAR**, PHD, RESEARCH - FULL TIME, *Development, validation and evaluation of digital well-being scale among medical students in Malaysia*, CO-SUPERVISOR

5	2023, PATEL MOHAMMED AASFI MOHD ASLAM , PHD, RESEARCH - FULL TIME, <i>Designing and Developing an Experiential Learning Model for Medical Students in Patient Safety at the School of Medicine : A DDR Approach</i> , CO-SUPERVISOR
6	2023, NORMARIYA BINTI MOHD. NOR , PHD, RESEARCH - FULL TIME, <i>The Effect Of Simulation Based Learning Towards Reflective, Self-Confidence, Satisfaction And Perception Among Nursing Students.</i> , CO-SUPERVISOR
7	2022, SYARIFAH AISYAH BINTI SYED ABD HALIM , PHD, RESEARCH - FULL TIME, <i>Development of Anatomy Core Competency Framework (ACCF) for Integrated Anatomy Preclinical Teaching</i> , CO-SUPERVISOR
8	2021, HUSSAIN SAJID , PHD, RESEARCH - FULL TIME, <i>Transfer of Bedside Teaching to Workplace as a tool of Behavioral Change</i> , CO-SUPERVISOR
9	2021 NURUL AIN MOHD SALIM , PHD, RESEARCH - FULL TIME, Establishing a new approach to clinical communication skills assessment for medical students using immersive simulated patients. UNIVERSITI PUTRA MALAYSIA - CO SUPERVISOR

TEACHING

Undergraduate

- | | |
|---|-----------|
| 1. Medical Professionalism Module Coordinator (Year 1) | 2020-2024 |
| 2. Medical Negligence (Year 3 Foundation Block) | 2017-2019 |
| 3. Cardiovascular, Respiratory & Genitourinary Clinical Tutor | 2019 |

Postgraduate

- | | |
|---|-----------|
| 4. Masters of Medical Education (Introduction to Health Profession Education, Student Assessment, Curriculum Planning and Development, Statistics and Research Methodology, and Faculty Development and Leadership) | 2017-2024 |
|---|-----------|

E-LEARNING

- | | |
|---|-----------|
| 1. Patient Safety MOOC - Tuning Project Asia - Co-contributor | 2018-2024 |
| 2. Teaching by Design MOOC – Co-contributor | 2017-2021 |
| 3. Assessment in Health Profession Education MOOC – Contributor | 2017 |
| 4. Medical Ethics for Beginner – Developer | 2017 |

RECOGNITION

AWARD

1.	Gold Medal	National	Kongres dan Pertandingan Inovasi dalam Pengajaran dan Pembelajaran UKM Adam, Lee & Muthusamy: Virtual Patients for Assessment of Medical Students' Communication Skills	2023
2.	Best Paper	International	Best Paper Award MDPI	2023
3.	Research Excellence Award	National	Malaysian Association of Education in Medical and Health Sciences (MAEMHS)	2023
4.	Teaching Excellence Award	National	Malaysian Association of Education in Medical and Health Sciences (MAEMHS)	2023
5.	Bronze Medal	International	International University Carnival on E Learning (IUCEL) - Online Assessment using Moodle Platform in USM Medical School	2022
6.	Hadiah Sanjungan	University	Kategori Penerbitan Jurnal	2022
7.	Sanggar Sanjung	University	Kategori Penerbitan Jurnal	2021
8.	Hadiah Sanjungan	University	Kategori Penerbitan Jurnal	2021
9.	IMU-RHIME Award	International	Professional Resilience Skill Training (Pro-ReST): An evidence- based and feasible educational module	2021
10.	Bronze Award	International	UiTM Virtual International e-Content Development Competition - Career Pathways in Medicine Webinar Series	2021
11.	Gold Medal (Poster)	University	Innovation in Teaching & Learning Symposium USM - STEPS As A Formative-Summative Professionalism Assessment in Clinical Year Students	2018
12.	Best Student	University	Mixed Mode Category (Masters) – Majlis Persada Kencana USM	2017
13.	Gold Medal (Poster)	National	Redesigning Assessment for Holistic Learning Conference - Simplified Thematic Engagement of Professionalism Scale (STEPS): A Performance Based Assessment to Nurture Professionalism Growth in Clinical Year Students	2017
14.	Bronze Medal	National	Rogayah Ja'afar Award (Oral) – MAEMHS Conference - STEPS: A Promising Summative-Formative Assessment Tool to Nurture Professionalism in Clinical Years	2017
15.	Best Oral Presentation	International	International Medical Education Conference - Malaysian Medical Professionalism Taxonomy: Developing a Timely Definition That Connects To Cultural Context	2016
16.	Best Poster Presentation	International	International Medical Education Conference- Teaching & Assessment Strategies to Foster Medical Professionalism	2015

EXTERNAL EXAMINER

1. MHPE (Coursework) International Medical University - Dr Chye Soi Moi, Framework for Developing Resilience among Undergraduate Health Professions Students in Asia (2024)
2. MHPE (Mixed Mode) University Of Health Science Lahore – Dr Sohail Saqib Chatta, Perception Of Medical Students About Qualities Of A Good Medical Teacher In Medical Colleges Of Punjab (2022)
3. MHPE (Mixed Mode) University Of Health Science Lahore – Dr Noreen Akmal, Exploration Of Understanding Of The Term Professionalism By Obstetrics And Gynaecology Postgraduate Residents (2021)
4. MHPE (Mixed Mode) University Of Health Science Lahore – Dr Sofia Waheed Khan, Perceptions Of Undergraduate Medical Students Regarding Mentoring In Rashid Latif Medical College, Lahore, Pakistan (2021)
5. MHPE (Mixed Mode) University Of Health Science Lahore – Dr Sumbla Ghaznavi, Assessment Of Clinical Teaching Based On Principles Of Cognitive Apprenticeship Model: Response Of Post-Graduate Students In Public Sector Hospitals Of Lahore (2021)
6. MHPE (Mixed Mode) University Of Health Science Lahore – Dr Sadia Sharif, Transformation Of Professional Identity Of MHPE Graduate (2021)
7. MHPE (Mixed Mode) University Of Health Science Lahore – Dr Shazia Rasul, The Effect Of Teaching Professionalism By Using Real Lifetime Scenarios To Undergraduate Medical Students of Shalamar Medical & Dental College, Lahore, Pakistan (2021)

INTERNAL EXAMINER

1. MSc Anatomy (Mixed Mode) – Dr Sofiah Hanis Ahmad Hisham, Preclinical medical students' perceptions of Anatomy Education Environment in Universiti Sains Malaysia before and during COVID-19 pandemic (2022)

PANEL

1. Content Validation Expert (2023) - Exploring Image-Based Stimuli to Assess Mental Toughness (Nadia Izzati Nordin – PhD Integrated Neuroscience Program)nsrsah
2. Content Validation Expert (2021) - Multimodal Systematic Anatomy Teaching (Dr Siti Nurma Hanim Hadie, Geran Universiti Penyelidikan RUI 8016121)
3. Content Validation Expert (2021) - Medical education e-professionalism (MEeP) framework (Dr Shaista Guraya, PhD Medical Education)
4. Cross Cultural Validation Panel (2017) - Patient Education Materials Assessment Tools (Dr Wong Siong Ting, Doctorate of Dental Public Health)

REVIEWER

Manuscript Review

1. Archives in Orofacial Sciences
2. Asia Pacific Journal of Educators and Education

3. BMC Medical Education
4. Education in Medicine
5. Frontiers in Medicine
6. Frontiers in Psychiatry
7. Frontiers in Psychology
8. Healthcare
9. Inquiry Journal
10. International Journal of Environmental Research and Public Health
11. International Journal of Health Promotion and Education
12. International Journal of Human and Health Sciences
13. Journal of Applied Research in Higher Education
14. Journal of Taibah Medical Sciences
15. Malaysia Journal of Medical Sciences
16. Malaysian Journal of Paediatrics and Child Health
17. Nutrients
18. Perspectives in Psychiatric Care
19. PloS ONE
20. SAGE Open
21. Sustainability
22. World of Psychiatry

Book Review

1. Springer

SPEAKER

- | | |
|--|------|
| 1. Formative Assessment (STEPS) – MUCCO | 2024 |
| 2. Standard Setting: USM Experience - Asian Medical Dean Summit | 2023 |
| 3. Workshop on MTF and OSCE/OSPE preparation – USMKLE | 2023 |
| 4. Improving Assessment Through Research – USM | 2023 |
| 5. Professionalism Assessment – PPSP Junior Academicians Workshop | 2023 |
| 6. Training of Trainer: Standard setting for MUCCO | 2023 |
| 7. Training of Trainer: Standard setting for Paediatric Postgraduate Exam | 2023 |
| 8. 'Standard Setting' – National Radiology Conjoint Board | 2023 |
| 9. Writing a Meta-Synthesis – A Hands On Workshop – USAINS | 2023 |
| 10. Executive Basic Course in Medical Education – Lincoln University | 2023 |
| 11. Being positive on disability and mental health in medical education scope – Jakarta Medical Education Conference | 2022 |
| 12. Item Analysis and Discriminative Index – PPSG | 2022 |
| 13. Training of Trainer: Standard setting for MUCCO | 2022 |
| 14. Training of Trainer: Standard setting for Paediatric Postgraduate Exam | 2022 |
| 15. Calibration & Weightage for Observe Long Case Examination - UiTM | 2022 |
| 16. Short Essay and Modified Essay Question Workshop - PPSG | 2022 |
| 17. Online CME for House Officer: Career Pathway - Medicorp | 2022 |
| 18. Developing Quality Exam Question (OSCE) - MUCCO | 2022 |

19. Standard Setting Workshop - Conjoint Emergency Medicine	2022
20. Training of Trainer - Standard setting for Clinical Examination – UiTM	2022
21. Integrasi ISO dan OBE – PPSP	2022
22. 'Standard Setting' – National Radiology Conjoint Board	2022
23. Training of Trainer: Standard setting for Clinical Examination - UiTM	2021
24. Training of Trainer: Blueprinting - UiTM Faculty of Medicine	2021
25. "Guidelines in OSCE Vetting" - Emergency Medicine Conjoint Board	2021
26. 'Standard Setting' – National Radiology Conjoint Board	2021
27. 'Standard Setting' – National Pediatric Conjoint Board	2021
28. 'Standard Setting' – National Pediatric Conjoint Board	2020
29. EduCity Educators Conference: Mental Wellbeing in Education (Moderator)	2020
30. Building an Educational Content for Medical & Health Science Personnel	2020
31. Physician Burnout Across Spectrum - ICMHS (August)	2019
32. Postgraduate Manuscript Writing Workshop (Feb)	2019
33. 'Standard Setting' - Paediatric Conjoint	2019
34. 'Direct Observation Procedural Skill Scale' - Ophthalmology Conjoint	2019
35. Postgraduate Manuscript Writing Workshop (Nov)	2018
36. Workplace Based Assessment Workshop - Ophthalmology Conjoint	2018
37. 'Focus Group Discussion' – Qualitative Research Workshop (IPPT Bertam)	2018
38. 'Standard Setting' – Universiti Malaysia Sarawak	2018
39. 'Standard Setting' – Malaysian Universities Conjoint Committee of Ophthalmology	2018
40. 'Standard Setting' – National Pediatric Conjoint Board	2018
41. Postgraduate Manuscript Writing Workshop (Jan)	2018
42. 'Focus Group Discussion' – Qualitative Research Workshop (IPPT Bertam)	2017
43. 'Standard Setting' – Assessment by Design (UUM)	2017
44. 'Developing a Common Islamic Practice Curriculum for Postgraduate Clinical Students' – Estimating Student Learning Time (IIUM)	2017
45. Multiple Mini Interview Workshop (USM & UPM)	2017
46. Literature Review Writing Skills (USM Medical Education Dept)	2017
47. Atlas.Ti For Beginner (USM Medical Education Dept)	2017
48. Effective Feedback (USM P&P Workshop)	2017
49. Beyond Pro 3 Workshop: Professional Resilience (USM)	2017
50. Postgraduate Assessment Workshop: Standard Setting (USM)	2017
51. Symposium on Clinical and Moral Reasoning - Clinical and Ethical Reasoning In Malaysia (University of Kelaniya, Sri Lanka)	2017
52. Higher Order Thinking MCQ Workshop – Script Concordance Test (UNITAR)	2016

SERVICE

Industry/Government

1. Committee Member - Houseman Education Subcommittee MMC 2021-2024
2. Consultant - Development of New Merit for Student Selection for IPTA&ILKA Intake for SPM Students For Session, MOHE 2022/2023 2021-2022

University

1. Deputy Editor, Education in Medicine Journal 2019-2026
2. Independent Consultant, Human Research Ethics Committee of USM 2021-2022
3. Independent Reviewer, Human Research Ethics Committee of USM 2023-2024

School

1. Examination Chairperson – PPSP 2022-2024
2. Committee Member – Jawatankuasa Akademik & Hal Ehwal Pelajar 2022-2024
3. Committee Member – Jawatankuasa Pengajian Siswazah 2022-2024
4. ISO Quality Coordinator – Examination Office 2022-2024
5. Committee Member – Jawatankuasa Outcome Based Education 2022-2024
6. Committee Member – Examination for Provisional Registration MMC 2022-2024
7. Standard Setting Trainer – PPSP Professional Exam 2022-2024
8. TRX Research Methodology Panel 2023
9. Central Vetting Committee – Phase 1 PPSP 2021-2024
10. Committee Member – Jawatankuasa Kerja Akreditasi Program Sarjana Kepakaran Klinikal 2023
11. Committee Member – Jawatankuasa Akreditasi PPSP 2023
12. Committee Member – MD Year 1 Induction Week 2022
13. Committee Member – Jawatankuasa Pembangunan Infrastruktur 2022
14. Internal Auditor – Outcome Based Education 2022
15. ISO Quality Coordinator – Medical Education Department 2021
16. Advisor - Students Medical Conference (COVID-19 Symposium) 2021
17. Student Development Coordinator - USM MD 2021
18. Review Editor, Health Profession Education Section, Frontiers in Medicine 2021
19. Committee Member – Examination Office 2021
20. Module Coordinator - Medical Professionalism (GMT 110) 2020-2024
21. Content Developer - Standard Setting Video - Ophthalmology Conjoint 2020
22. Standard Setting Coordinator - Paediatric Conjoint 2019-2021
23. Advisor Team, National Student Medical Conference USM 2018-2019
24. Deputy Editor, Education in Medicine Journal 2017-2023
25. Educator's Avenue Editor 2017
26. Liaison Officer, USM Health Campus Library 2017
27. Phase 3 Central Vetting Committee 2017
28. PPIP Committee Member 2017
29. First Aid and Medical Ethics (GMT 103) Module Coordinator 2016-2018
30. Phase 1 Blueprinting Committee 2016-2018
31. First Year Undergraduate Mentor 2016-2018
32. Editorial Intern, Education in Medicine Journal 2016-2017
33. Technical Editor, Education in Medicine Journal 2014-2016

Society

1. Secretary – MAEMHS Conference 2023
2. Director - Career Development Webinar Series HEART 2020-2021
3. Promotion Exco – MAEMHS Conference 2017
4. Secretary - Inisiatif Kelantan Bebas Asap Rokok (IKBAR) 2014
5. Committee Member - Kelantan Flood Operation (BBNGO) 2014

Community

1. Mentor - House Officer Support Group USM (HOTSpot) 2019-2020
2. Speaker - SPM Motivational Talk - SMK Dato Ahmad Maher 2018
3. Speaker - PMR Motivational Talk - SMK Dato Ahmad Maher 2018
4. Advisor - Free Market 3.0 Masjid Pulau HEART-MEDSOC-NutriVCare 2017
5. Advisor - Free Market 2.0 Gua Musang" HEART 2017
6. Speaker - Professional Resilience (Pre-HO Course) 2017
7. Speaker - Towards Happily Ever After (Pre Marriage Talk, Masjid USM) 2017
8. Advisor - Free Market 1.0 & Health Screening Bachok" HEART 2016
9. Speaker - Program Ceramah Kesihatan Bulanan Masjid Tapang 2016
10. Speaker - Ceramah Kesihatan Wanita SIGMA Kelantan 2015

TRAINING

1. Leadership Workshop : Managing Time, Expectations And Emotions - PPSP 2024
2. Assessment Blueprint – PPSP 2024
3. Systemic Review And Meta-Analyses Of Interventional Studies 2023
4. Postgraduate Supervision Module – CDAE USM 2023
5. Scoping Review Writing Skills – PPSP 2022
6. Undergraduate OSCE and SBA Workshop – PPSP 2022
7. Designing a Micro credential Programme (USM) 2021
8. Basic Training Course for JEPeM Members & independent Reviewers of Human Research Ethics Committee USM 2021
9. R-Software Workshop 2021
10. Malaysian Universities Conjoint Committee of Ophthalmology- The Royal Australian and New Zealand College of Ophthalmologists Innovations in Ophthalmology Assessments and Examination 2021
11. Malaysian Universities Conjoint Committee of Ophthalmology (MUCCO)-Ophthalmology Foundation (OF) Residency Program Directors Course Malaysia 2021
12. Need for Health Data Literacy in the Post-pandemic Health Professional Education 2021
13. Ottawa Conference 2020: Assessment of competence in medicine and healthcare professions 2020
14. Use of Generalizability Theory in designing and analysing OSCEs and performance based tests 2020
15. Instrument Construct Validity Using Rasch Analysis 2020
16. Advanced Statistics Series Using SPSS - Regression 2019
17. Systematic Review and Meta-Analysis: Cochrane Approach 2019
18. Advanced Statistics Series Using SPSS 2019
19. Biostatistics Workshop Series: From Newbie to Advanced 2019
20. Interdisciplinary International Supervision Workshop – Dublin City Uni 2018
21. *Konvensyen Hospital Seminar Ibadah* 2017
22. R Software For Regression And Spatial Data Analysis 2017
23. USM MOOC Workshop 2017
24. Kursus Sijil Pengajaran & Pembelajaran 2016
25. Creating Effective Essay Question 2016
26. Workshop on Research Proposal Preparation & Manuscript Writing Skills 2016
27. Bengkel Pengenalan Kepada Kajian Kualitatif (PPSP) 2015 & 2016
28. 3rd Scientific Writing Workshop: From Dissertation To Manuscript 2015
29. Work Preparedness: Collaborating for 21st Century Skills Conference 2015
30. Blueprinting and Constructing Single Best Answer Questions Workshop 2015 & 2016
31. Writing An Effective Research Proposal (PPSG) 2015
32. A Seminar on Multiple Mini Interview and Student Selection 2014
33. Workshop on Collaboration Effort Between UM and USM (Silent Mentor) 2014
34. PBL Case Development Workshop 2014
35. OPREMA Training for Section Editors 2014
36. E-Learning Workshop for Course Coordinators and Lecturers 2014
37. Instructional Design Workshop 2014
38. The Effective Focus Group Discussion 2014
39. Insulin Course 2014
40. CME Update on Hypertension Management 2014