

PROFILE		
1	NAME	Mahmathi Karuppannan
2	ACADEMIC POSITION	Associate Professor
3	STATUS OF APPOINTMENT	Permanent
4	CITIZENSHIP	Malaysian
5	EDUCATION	<p>Ph.D (Pharmacy), University of Nottingham, United Kingdom – 2012</p> <p>Master of Pharmacy (Clinical Pharmacy), University of Science Malaysia – 2005</p> <p>Bachelor of Pharmacy (Hons) University of Science Malaysia – 2003</p>
6	WORKING EXPERIENCE	<ul style="list-style-type: none"> • Associate Professor (DUF54) Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, 6 Oct 2022 – Present • Head of Department, Department of Clinical Pharmacy, Universiti Teknologi MARA, Puncak Alam, Oct 2020 – Dec 2022 • Coordinator of Masters in Clinical Pharmacy, 2013 – 2022, Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam • Senior Lecturer (DUF54) Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, 19 May 2016 - 05 Oct 2022 • Senior Lecturer (DUF52), Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, 18 Apr 2013 – 18 May 2016 • Lecturer (DM45), Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, 15 May 2006 – 17 Apr 2013 • Lecturer, School of Pharmacy, University College of Sedaya International, Cheras, June 2005 – May 2006
7	CURRENT ACADEMIC RESPONSIBILITIES	<ul style="list-style-type: none"> • Chairperson, Ethics Review Committee (ERC), Faculty of Pharmacy, UiTM, 2024 – 2026 • Coordinator of Research Ethics Committee (REC) Faculty of Pharmacy, UiTM, 2023 – 2025

		<ul style="list-style-type: none"> ● Associate member of UiTM Research Ethics Committee, 2022 - 2024 ● PHP720: Dissertation, Masters in Clinical Pharmacy And Masters In Pharmacy Practice (Resource Person, Supervisor And Examiner) ● PHP717: Pharmacoepidemiology, Masters in Pharmacy Practice (Resource Person & Lecturer) ● PHP731: Medication Safety, Masters in Pharmacy Practice (Resource Person & Lecturer) ● PHP714: Pharmacoeconomics, Masters in Pharmacy Practice (Lecturer) ● PHP 733: Advanced Clinical Clerkship II, Masters in Clinical Pharmacy (Clerkship) ● PHC635: Introduction to Clinical Pharmacy, Bachelor of Pharmacy (Lecturer, OSCE) ● PHC512: Pharmacoepidemiology And Public Health, Bachelor of Pharmacy (Lecturer) ● PHC671: Applied Therapeutics in Infectious Disease and Neoplastic Disorders, Bachelor of Pharmacy (OSCE) ● PHC690: Applied Therapeutics in Neurological, Immunological, Musculoskeletal and Psychiatric Disorders, Bachelor of Pharmacy (OSCE) ● PHC691: Applied Therapeutics in Gastrointestinal, Renal and Endocrine Disorders, Bachelor of Pharmacy (OSCE, Clerkship) ● PHC692: Applied Therapeutics in Cardiovascular and Pulmonary Disorders, Bachelor of Pharmacy (OSCE) ● PHC631: Research I (Supervisor & Examiner) ● PHC632: Research II (Supervisor & Examiner)
8	RESEARCH INTERESTS/ PROJECTS	<ul style="list-style-type: none"> ● Medication Safety ● Quality Use of Medicine ● Digital Health ● Pharmacy Education ● Economic Evaluations
9	PUBLICATIONS	<p>2019-2024</p> <p>Journal Article</p> <ol style="list-style-type: none"> 1. Karuppannan M, Muthanna F and Mohd Fauzi F (2024). Breaking Down Cachexia: A Narrative Review on The Prevalence of Cachexia in Cancer

	<p>Patients and Its Associated Risk Factors. Nutrition and Cancer. https://doi.org/10.1080/01635581.2024.2321654 (ACCEPTED)</p> <p>2. Karuppannan M*, Ming LC, Abd Wahab MS, Mohd Noordin Z, Yee S, Hermansyah A. (2024). Self-reported side effects of COVID-19 vaccines among the public. Journal of Pharmaceutical Policy and Practice. 19(1): 2308617. http://dx.doi.org/10.1080/20523211.2024.2308617</p> <p>3. Sivasankar TA, Murugaiyah V, Tangiisuran B, Karuppannan M, Ramasamy K, Lim SM, Tan KM, Mahmod M and Gnanasan S (2023). The effects of ylang-ylang (Cananga odorata (Lam.) Hook.f. and Thomson) essential oil on behavioural symptoms and plasma biomarkers in long-term care residents with dementia. Ann. Phytomed., 12(2):688-694. http://dx.doi.org/10.54085/ap.2023.12.2.80</p> <p>4. Noh N and Karuppannan M*(2023). COVID-19 self-reported adverse effects and vaccine hesitancy: A narrative review. Malaysian Journal of Medicine and Health Sciences. 19(SUPP12): 84-94, Nov 2023. https://doi.org/10.47836/mjmhs.19.s12.11</p> <p>5. Md Hussin NS, Karuppannan M, Gopalan Y, Tan KM, Gnanasan S (2023). Exploration of Non-Pharmacological Interventions in The Management of Behavioural And Psychological Symptoms Of Dementia. Singapore Medical Journal, 64:497-502. https://doi.org/10.11622/Smedj.2021125</p> <p>6. Abdul Hamid H, Sarkam NA, Karuppannan M, Saleman AR, Husain N (2023). Awareness and Preparedness of Fomite Transmission Among Malaysian Online Shoppers: A Cross-Sectional Survey. Malaysian Journal of Medicine and Health Sciences, 19(4):34-39. https://doi.org/10.47836/Mjmhs19.4.7</p> <p>7. Mohd Noordin Z, Neoh CF, Ibrahim@ Ghazali NH, Karuppannan M*(2023). “A Person Who Do Not Smoke Will Not Understand A Person Who Smokes and Trying to Quit...” Insights from Quit Smoking</p>
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	<p>Clinics' Defaulters: A Qualitative Study. Journal of Patient Experience,10. https://doi.org/10.1177/23743735231184690</p> <p>8. Loh, P., Lee, J.W., Karuppannan, M., Chua S.S (2023). Practice of Pharmaceutical Care by Community Pharmacists in Response To Self-Medication Request For A Cough: A Simulated Client Study. BMC Health Services Research, 23, 657. https://doi.org/10.1186/s12913-023-09642-x</p> <p>9. Abd Wahab MS, Hamdi H, Ali AA, Karuppannan M, Zulkifli MH, Maniam S, Lam Ung CO (2023). The Use of Herbal and Dietary Supplements For COVID-19 Prevention: A Survey Among the Public In A Malaysian Suburban Town, Journal Of Herbal Medicine, 100650, https://doi.org/10.1016/j.hermed.2023.100650</p> <p>10. Muthanna F., Hassan B., Karuppannan M*, Ibrahim H., Mohammed AH., & Abdulrahman E. (2023). Prevalence and Impact of Fatigue on Quality Of Life (QOL) Of Cancer Patients Undergoing Chemotherapy: A Systematic Review And Meta-Analysis. Asian Pacific Journal of Cancer Prevention, 24(3), 769-781. https://doi.10.31557/apjcp.2023.24.3.769</p> <p>11. Muthanna FMS, Abdul Hassan Rasool B, Haider Mohammed A, Karuppannan M, Wayyes A (2022). Impact and Association of Anaemia Severity and Its Treatment with Quality Of Life Of Breast Cancer Patients In Malaysia. Iraqi J Pharm Sci, Vol.31(2). https://10.31351/vol31iss2pp62-70</p> <p>12. Shahid MN*, Afzal HS, Farooq B, Yousaf MR, Ijaz MR, Shafqat TA, Khan TM, Neoh CF, Lean QY, Bukhsh A and Karuppannan M* (2022). A Systematic Review on The Effectiveness of Herbal Interventions for The Treatment of Male Infertility. Front. Physiol. 13:930676. https://10.3389/fphys.2022.930676</p> <p>13. Karuppannan M*, Mohamad Rizal NAN, Wong K-T, Mohd. Ali S, Ting K-N and Boardman H (2022), Pharmacists' Experiences on Adverse Drug Reaction: 10 Years Later. Front. Pharmacol. 13:932942. https://doi.org.10.3389/fphar.2022.932942</p>
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	<p>https://doi.org/10.46542/pe.2022.221.2332</p> <p>20. Rozaini Rosli, M, Chin Fen, N, Bin-Chia Wu, D, W Hassan, W.N, Mahmud, M, Rahimi, A, Karuppannan, M. The Evaluation of Home Medication Review by Community Pharmacists (HMR-CP) For Patients with Type 2 Diabetes Mellitus (T2DM). 2021. Pharmacy Practice 19(3):2397. https://10.18549/pharmpract.2021.3.2397</p> <p>21. Shahid MN, Khan TM, Neoh CF, Lean QY, Bukhsh A and Karuppannan M. Effectiveness of Pharmacological Intervention Among Men with Infertility: A Systematic Review And Network Meta-Analysis. Frontiers Pharmacology. 2021; 12:638628. https://10.3389/fphar.2021.638628</p> <p>22. Abdul Halim Zaki I, Razali R.M., Gnanasan S, Alias R, Karuppannan M. Medication Discrepancies Among Elderly Patients Discharged from A Tertiary Hospital: Prevalence and Risk Factors. Singapore Medical Journal. 2021; 62(7): 362-365. https://doi.org/10.11622/smedj.2021093</p> <p>23. Shaik Rahmat S, Karuppannan M*. Barriers to Adverse Drug Reaction Underreporting in Malaysia: A Narrative Review Based on Theoretical Domains Framework. Journal of Pharmaceutical Health Services Research, 2021, Vol 12, 626–632. https://doi.org/10.1093/jphsr/rmab024</p> <p>24. Rozaini Rosli M, Bin-Chia Wu D, Neoh CF, Karuppannan M. Economic Evaluation of Home Medication Review by Community Pharmacists (HMR-CP) For Patients with Type 2 Diabetes Mellitus (T2DM). Journal of Medical Economics. https://doi.org/10.1080/13696998.2021.1889573</p> <p>25. Syed Mohammad Salleh SN., Farooqui, M., Gnanasan, S. & Karuppannan, M*. Use of Complementary and Alternative Medicines (CAM) Among Malaysian Cancer Patients for The Management Of Chemotherapy-Related Side Effects (CRSE). Journal of Complementary and Integrative Medicine. 2021;18(2):1-8. https://doi.org/10.1515/jcim-2020-0205</p>
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	<p>26. Muthanna, F., Hassan, B., Karuppannan, M., Haider Mohammed, A. Evaluation of The Impact of Anaemia On Quality of Life Among Breast Cancer Patients Undergoing Chemotherapy In Malaysia. Journal of Pharmaceutical Health Services Research. 2021;12(2):310-312. https://doi.org/10.1093/jphsr/rmaa033</p> <p>27. Muthanna, F., Karuppannan, M*, Hassan, B., Haider Mohammed, A. Impact of Fatigue on Quality of Life Among Breast Cancer Patients Receiving Chemotherapy. Osong Public Health and Research Perspectives. 2021;12(2):115-125. https://doi.org/10.24171/j.phrp.2021.12.2.09</p> <p>28. Md Hussin NS, Karuppannan M, Gopalan Y, Tan KM, Gnanasan S. Exploration of Non-Pharmacological Interventions in The Management of Behavioural And Psychological Symptoms Of Dementia. Singapore Medical Journal. 2021 Oct. https://doi.org/10.11622/smedj.2021125</p> <p>29. Loh, P., Chua, S.S. & Karuppannan, M. The Extent and Barriers in Providing Pharmaceutical Care Services by Community Pharmacists In Malaysia: A Cross-Sectional Study. BMC Health Serv Res 21, 822 (2021). https://doi.org/10.1186/s12913-021-06820-7</p> <p>30. Muthanna, F., Karuppannan, M*, Hassan, B., Haider Mohammed, A. Assessment of Risk Factors Associated with Anaemia Severity Among Breast Cancer Patients Undergoing Chemotherapy in Malaysia. Systematic Reviews in Pharmacy.2020. 11(12):2405-2411. https://doi.org/10.31838/srp.2020.12.363 .</p> <p>31. Mohd Naw, N., Gnanasan, S., Abd Wahab, MS., Karuppannan, M*. The Quality of Malaysian Clinical Practice Guidelines and Relevance to The Care of Older People. International Journal of Pharmaceuticals, Nutraceuticals and Cosmetic Science (2020) Vol 2 9-12.</p> <p>32. Maruan, K., Md Isa, K.A., Sulaiman, N, Karuppannan, M*. Adherence of Patients with Type 2 Diabetes to</p>
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		<p>Refills And Medications: A Comparison Between 'Telephone And Collect' And Conventional Counter Services In A Health Clinic. <i>Drugs and Therapy Perspective</i>, 36, 590–597 (2020). https://doi.org/10.1007/s40267-020-00776-0</p> <p>33. Ahmad Ridzuan, N.N, Gnanasan, S, Karuppannan, M*. Students' Perception on Current Teaching Methods in Clinical Pharmacy Courses: A Focus Group Discussion. <i>International Journal of Pharmaceuticals, Nutraceuticals and Cosmetic Science</i> (2020) Vol 1 26-34.</p> <p>34. Shamsuddin, N., Karuppannan, M., Farooqui, M Gnanasan, S., Wan Md Adnan, WAH. Pattern of Complementary and Alternative Medicine (CAM) Use Among Patients with Chronic Kidney Disease. <i>Complementary Therapies in Clinical Practice</i>. 2019, 37, Pp. 86-92</p> <p>35. Karuppannan, M*, Muhammad Syazwan Thana, L.Y & Gnanasan, S. Malaysian Pharmacists' Involvement in Pharmaceutical Care: A Narrative Review. <i>Archives of Pharmacy & Pharmacology Research</i>, 2019, 2(1), 1-9.</p> <p>Conference Paper</p> <p>1. Md Hussin, N.S, Gnanasan, S, Karuppannan, M, Gopalan, Y. Behavioral and Psychological Symptoms Through the Eyes of People with Dementia (PWD). Abstracts from the 1st Joppp Conference on Pharmaceutical Policy and Practice. <i>Journal of Pharmaceutical Policy and Practice</i> 13, 3 (2020). https://doi.org/10.1186/s40545-019-0201-2</p> <p>2. A. Sani, F, Gnanasan, S, Karuppannan, M. A Qualitative Study: Exploring Pharmacist-Physician Collaborative Practice in DMTAC At Primary Care Health Clinic. Abstracts from the 1st Joppp Conference on Pharmaceutical Policy and Practice. <i>Journal of Pharmaceutical Policy and Practice</i> 13, 3 (2020). https://doi.org/10.1186/s40545-019-0201-2</p>
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	<ol style="list-style-type: none"> 3. Peng Yeow, L, Siew Siang, C, Karuppannan, M. Do Community Pharmacists in Malaysia Provide Pharmaceutical Care? Abstracts from the 1st Joppp Conference on Pharmaceutical Policy and Practice. Journal of Pharmaceutical Policy and Practice 13, 3 (2020). https://doi.org/10.1186/s40545-019-0201-2 4. Rozaini Rosli, M, Chin Fen, N, Karuppannan, M, W Hassan, W.N, Mahmud, M, Rahimi, A, Bin-Chia Wu, D. Evaluation Of Home Medication Review By Community Pharmacists (HMR-CP) For Patients With Type 2 Diabetes Mellitus (T2DM). Abstracts from the 1st Joppp Conference on Pharmaceutical Policy and Practice. Journal of Pharmaceutical Policy and Practice 13, 3 (2020). https://doi.org/10.1186/s40545-019-0201-2 5. Abdul Hameed, M, Shaari, N.F, Karuppannan, M, Ismail, H, Yuet Yen, W, Chin Fen, N. Economic Evaluation of Echinocandins For the Treatment of Candidaemia And Invasive Candidiasis: A Systematic Review. Abstracts from the 1st Joppp Conference on Pharmaceutical Policy and Practice. Journal of Pharmaceutical Policy and Practice 13, 3 (2020). https://doi.org/10.1186/s40545-019-0201-2 6. Md Shariff, A, Karuppannan, M, Gnanasan, S and A. Aziz N. A Comparison of The Incidence and Hazard Ratio of Diabetes Mellitus Among Statin User Groups In A Malaysian Healthcare Setting. Abstracts from the 1st Joppp Conference on Pharmaceutical Policy and Practice. Journal of Pharmaceutical Policy and Practice 13, 3 (2020). https://doi.org/10.1186/s40545-019-0201-2 7. Mohd Noordin, Z, Karuppannan, M, Chin Fen, N, Ibrahim @ Ghazali, N.A. Investigation of Adverse Drug Reactions Experienced by Smokers Attending Quit Smoking Clinics in Kuala Lumpur, Malaysia. Abstracts from the 1st Joppp Conference on Pharmaceutical Policy And Practice. Journal of Pharmaceutical Policy and Practice 13, 3 (2020). https://doi.org/10.1186/s40545-019-0201-2 8. Abdul Halim Zaki, I, Razali, R.M., Karuppannan, M, Gnanasan, S, Alias, R. Prevalence and Drug Classes of
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		<p>Medication Discrepancies Among Elderly Patients Discharged from A Tertiary Hospital. Age and Ageing 48(Supplement_4), 2019: Iv34-Iv39. https://doi.org/10.1093/Ageing/Afz164.147</p> <p>Chapters in Book</p> <ol style="list-style-type: none"> 1. Gnanasan, S., Karuppannan, M., & Farooqui, M. Ageing Populations and Medicine Use: A Sociological Approach. Encyclopedia of Pharmacy Practice and Clinical Pharmacy, 2019, Pp. 38-46 2. Farooqui,M., Ahmed,SI., Abdulsalim, S.,Alrasheedy,A., Farooqui, MA., Alayed,NJ., Karuppannan, M., Gnanasan, S. Management Of Dermatology Disorders And The Pharmacist's Role: Acne, Psoriasis, Atopic Dermatitis, And Fungal Infections. Encyclopedia of Pharmacy Practice and Clinical Pharmacy, 2019, Pp. 713-722
10	RESEARCH GRANTS	<ol style="list-style-type: none"> 1. Effect of Financial Incentives and Workplace-Based Intervention on Smoking Abstinence. RM20,000. Geran Penyelidikan Fakulti UiTM Cawangan Selangor (Ducs-Fakulti). Co-Researcher; 2022 – 2024 2. Global Perspectives on The Effects of Restricted Visitation Policy on Hospitalised Patients, Caregivers and Health Care Providers During the Covid-19 Pandemic And Post Pandemic Period. RM25, 000. Geran Penyelidikan Fakulti UiTM Cawangan Selangor (Ducs-Fakulti). Co-Researcher; 2022-2024 3. Uncovering Learning Theories and Perceptions of Stakeholders on A Virtual Health Coaching Program for Patients with Chronic Illness. FRGS. Principal Researcher; 2021 – 2024 4. Understanding the Progression of Metastatic Breast Cancer (MBC) Through the Data Mining of Clinical, Phenotype And Genotype Data. RM20,000. Geran Penyelidikan Pembangunan Kerjaya. Co-Researcher; 2020 – 2023 5. Understanding the Progression of Metastatic Breast Cancer (MBC) Through the Data Mining Of

		<p>Clinical, Phenotype And Genotype Data. RM30,000. Geran Global Research Reputation. Co-Researcher; 2020 – 2022</p> <p>6. Effects of Aromatherapy (Lavandula Angustifolia On Behavioral and Psychological Symptoms in Dementia Patients. RM30,000. LESTARI. Principal Researcher; 2019 – 2022</p> <p>7. Elucidation of Brain-Derived Neutrophilic Factor and Neuroimmune Pathways in Cananga Odorata Mediated Behaviour Alterations in Patients With Dementia. RM155,820. FRGS. Co-Researcher; 2017 -2021</p>
11	AWARDS	<p>1. Publication Appreciation Certificate (two or more publications in Scopus/WoS as first/ corresponding author) in 2022</p> <p>2. Runner-Up Poster Presentation, International Research Network Initiative (IRNI), 2022</p> <p>3. Anugerah Perkhidmatan Cemerlang, UiTM, 2021</p> <p>4. Publication Appreciation Certificate (Two Or More Publications in Scopus/Wos As First/ Corresponding Author) In 2021, Hari Anugerah Kualiti, Faculty of Pharmacy, UiTM, 2022</p> <p>5. Award Excellent Supervision Award (Supervision of Graduate on Time Postgraduate Students), Hari Anugerah Kualiti, Faculty of Pharmacy, UiTM, 2022</p> <p>6. Supervision Appreciation (Phd), Hari Anugerah Kualiti, Faculty of Pharmacy, UiTM, 2022</p> <p>7. Bronze Award, Enhancing Teaching and Learning of Pharmacovigilance Using Adobe Spark, Principal Researcher, Invention, Innovation And Design Exposition (IIDEX), UiTM, 2021</p> <p>8. Bronze Award, Design, Implementation And Outcomes Of Virtual OSCE For Undergraduate Pharmacy Students, Co-Researcher, Invention, Innovation And Design Exposition (IIDEX), UiTM, 2021</p> <p>9. Silver Award, Enhancing Teaching and Learning of Pharmacovigilance Using Adobe Spark, Principal Researcher, Pharmacy Virtual Invention, Innovation and Design Exposition (Pharm-IIDEX), Faculty Of Pharmacy, UiTM, 2021</p> <p>10. Gold Award, Aroma-Guide to Maximise The Beneficial Effects of Aromatherapy in Persons with Dementia, Co-Researcher, Pharmacy Virtual</p>

		<p>Invention, Innovation And Design Exposition (Pharm-IIDEX), Faculty Of Pharmacy, UiTM, 2021</p> <p>11. Gold Award, Design, Implementation and Outcomes of Virtual OSCE For Undergraduate Pharmacy Students, Co-Researcher, Pharmacy Virtual Invention, Innovation and Design Exposition (Pharm-IIDEX), Faculty of Pharmacy, UiTM, 2021</p> <p>12. Outstanding Publication Award 2020, Publication Appreciation Certificate (Two Or More Publications in Scopus/Wos As First/ Corresponding Author), Hari Anugerah Kualiti 2020, Faculty of Pharmacy, UiTM, 2021</p> <p>13. 3rd Place, Digital Storytelling Competition, Pejabat Pembangunan Infrastruktur Dan Infostruktur, 2021</p> <p>14. Silver Award, Rxmedreview, Principal Researcher, Invention, Innovation and Design Exposition (IIDEX), UiTM, 2020</p> <p>15. Gold Award, Rxmedreview, Principal Researcher, Pharmacy Virtual Invention, Innovation and Design Exposition (Pharm-IIDEX), Faculty of Pharmacy, UiTM, 2020</p> <p>16. Gold and Diamond Award, D'Mentia: An Educational Video to Enhance Knowledge And Awareness On Dementia, Co-Researcher, Pharmacy Virtual Invention, Innovation And Design Exposition (Pharm-IIDEX), Faculty Of Pharmacy, UiTM, 2020</p> <p>17. Silver Award, Coperackcard: Coping Strategies for Young Caregivers Engaged in Dementia Care, Co-Researcher, Pharmacy Virtual Invention, Innovation And Design Exposition (Pharm-IIDEX), Faculty Of Pharmacy, UiTM, 2020</p> <p>18. Bronze Award, From Systematic Review To Virtual Application: A Case Study From A SR On The Use Of Complementary & Alternative Medicine (CAM) In Chronic Kidney Disease (CKD), Co-Researcher, Pharmacy Virtual Invention, Innovation And Design Exposition (Pharm-IIDEX), Faculty Of Pharmacy, UiTM, 2020</p> <p>19. Finalist at UiTM Level For Masters In Clinical Pharmacy (PH771) Innovative Program Curriculum (Kurikulum Program Pengajian Inovatif) Anugerah Khas YB Menteri Pendidikan Malaysia: Rekabentuk Kurikulum Dan Penyampaian Inovatif (AKRI), 2019</p> <p>20. Bronze Medal, AROMA Aid: Calming People with Dementia, Co-Researcher, Invention, Innovation and Design Exposition (IIDEX), UiTM 2019</p>
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12	INVOLVEMENT IN PROFESSIONAL ORGANISATIONS	<ol style="list-style-type: none"> 1. Board of Pharmacy, Malaysia, 2003 - Present 2. Member of Malaysian Pharmacists Society, 2003 - Present 3. Member of The Professional Society for Health Economics and Outcomes Research (ISPOR), 2023 4. Member of International Pharmaceutical Federation (FIP), 2023 5. Council Member of Malaysia Academy of Pharmacy (MAP), 2022 - Present
13	PARTICIPATION IN CONTINUING EDUCATION	<ol style="list-style-type: none"> 1. Participant, Program Artificial Intelligence (AI) For Educators, Unit Inovasi Dan Pengkomersilan Dan Fakulti Sains Sukan Dan Rekreasi, UiTM Cawangan Negeri Sembilan, 25 – 26 Aug 2023, Online 2. Program Head and Participant, MPS National Pharmacists Convention, Malaysia Pharmacists Society, 28 – 30 July 2023, Dorsett Hotel, Subang Jaya 3. Participant, Digital Health in Pharmacy: FIP Online Course for Educators and Practitioners, International Pharmaceutical Federation, Online, Self-Directed Learning 4. Participant, Virtual Training Program in Health Outcomes and Pharmacoeconomic Research, Center for Health Outcomes & Pharmacoeconomic Research, University Of Arizona, 24 – 27 April 2023 5. Participant, Tiktok Workshop for Teaching, Learning & Entrepreneurship, Faculty of Pharmacy, UiTM, 15 March 2023, DK9, Faculty Of Pharmacy 6. Participant, Telemedicine Trends and Telepharmacy Services' Impact on Pharmacy Practice, International Pharmaceutical Federation, 17 Jan 2023, Online 7. The Gist and Sequel of MTAC Services in Malaysia, Faculty of Pharmacy, 1 Nov 2022 8. Patient Safety Symposium, HASA UiTM, 28 Sept 2022, Auditorium 1, HASA 9. Research Ethics Workshop, UiTM, 1 Sept 2022, Online 10. Training of Preceptors Bagi Latihan Liberasi Ahli Farmasi Provisional (PRP), Bahagian Farmasi,

		<p>KKM, 27 – 28 July 2022, Online</p> <p>11. HUITM Anticoagulant Workshop 2022 Going One Step Further, HASA UiTM, 26 July 2022, Auditorium 1, HASA</p> <p>12. 9th International Postgraduate Conference on Pharmaceutical Sciences (IPOPS), Faculty of Pharmacy, 24 June 2022, Online</p> <p>13. Building High-Level Questions: One Best Answer (OBA) & Multiple Response Question (MRQ), Faculty of Pharmacy, 7 Oct 2021, Online</p> <p>14. 2nd Virtual Townhall) Proctored Online Assessment with UFUTURE, Academic Assessment & Evaluation Division, UiTM, 30 Sept 2021, Online</p> <p>15. International Research Network Initiative (IRNI) & International Postgraduate of Pharmaceutical Sciences (IPOPS) Conference 2021, Faculty of Pharmacy, 28 Sept 2021, Online</p> <p>16. Taklimat Townhall Akademik Di Ambang, 2021 – 2022, UiTM, 15 Sept 2021, Online</p> <p>17. IBRO-APRC 2021: Mini Symposium, Faculty of Pharmacy, 2 – 5 Aug 2021, Online</p> <p>18. MPS National Pharmacists Convention 2021, Malaysia Pharmacists Society, 8 – 11 July 2021, Online</p> <p>19. How to Be A Good Supervisor, UiTM, 7 Apr 2021, Online</p> <p>20. Webinar: Role of Pharmacists in the National Covid-19 Vaccination Programme, UiTM, 1 Apr 2021, Online</p> <p>21. YSN-ASM International Scientific Virtual Conference (ISVC) 2021, Akademi Sains Malaysia, 29 March – 1 Apr 2023, Online</p> <p>22. 11TH Good Clinical Practice Workshop 2021, Faculty of Medicine, UiTM, 16 – 18 March 2023, Hybrid</p> <p>23. E-Microlearning Sessions, Faculty of Pharmacy, 23 And 25 Feb, 2, 4, 9 And 11 March 2023, Online</p> <p>24. UITM Talk Research Excellence: The Path to Professorship After Phd By Profesor Ir Dr Sharifah Rafidah Datu Wan Ali, UiTM, 10 Feb 2022, Online</p>
14	COMMUNITY SERVICES	<p>Volunteer at Mega Vaccine Centre, Dewan Berlian, UiTM Puncak Alam, 2021</p>

		ILHAM Science Workshop for primary school students
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