

CURRICULUM VITAE



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Education

1. Bachelor of Applied Science (Honours) (Applied Statistics), Universiti Sains Malaysia (2007)
2. Master of Science (Medical Statistics), Universiti Sains Malaysia (2010)
3. Doctor of Philosophy in Applied Statistics and Research Methods, University of Northern Colorado (2018)

Areas of Interest

1. Random field theory in functional magnetic resonance imaging (fMRI)
2. Biostatistics/Medical Statistics
3. Categorical data analysis
4. Applied Statistics
5. Statistical Process Control

Professional Qualification/ Membership/ Affiliation

1. American Statistical Association (Member ID: 205924)
2. Persatuan Pegawai Akademik (PPA) UPM (Member)

Appointments (Inside and Outside UPM)

Date	Designation	Remarks
1. 2020-2021	Final Year Project Coordinator	Department of Biomedical Science
2. 2021-2022	Program Coordinator	Bachelor of Biomedical Science with Honours
3. 2024-2027	Department's Representative	Committee of Industry & Community Relations Continuity

Publications

Journals (in 5 years)

1. Lim, C. W., Liew, K. Y., Lim, S. H., Cheema, M. S., Sulaiman, P. S., Harith, H. H., **Saidi, H. I.**, & Tham, C. L. (2024). Acquisition of aseptic techniques using virtual reality: a randomized trial on performance, emotion and experience. *Education and Information Technologies*. <https://doi.org/10.1007/s10639-024-12696-x>
2. Anuar, N. S., Hazman, H., Jeyakumar, S. R., Desa, M. N. M., **Saidi, H. I.**, Masri, S. N., Aziz, N. A., & Sulaiman, N. (2024). Occurrence of K1 and K2 serotypes and genotypic characteristics of extended spectrum β -lactamases-producing *Klebsiella pneumoniae* isolated from selected hospitals in Malaysia. *Asian Pacific Journal of Tropical Medicine*, 17(1), 30-38. [10.4103/apjtm.apjtm.303.23](https://doi.org/10.4103/apjtm.apjtm.303.23)
3. Gunawardana, N. A., Roduan, M. R. M., Ezani, E., **Saidi, H. I.**, Zakuan, N. M., & Nurdin, A. (2024). Physiological response and impact of COVID-19 pandemic among Malaysian citizens: A cross-sectional study. *Malaysian Journal of Medicine & Health Sciences*, 20(1). <https://doi.org/10.47836/mjmhs.20.1.14>

4. Ong, M. F., Soh, K. L., Saimon, R., **Saidi, H. I.**, Tiong, I. K., Myint, W. W., Mortell, M., & Japar, S. (2024). Predictors of fall protection motivation among older adults in rural communities in a middle-income country: A cross-sectional study using the Protection Motivation Theory. *Journal of Advanced Nursing*, 00, 1–17. <https://doi.org/10.1111/jan.16190>
5. Lim, C. W., Liew, K. Y., Lim, S. H., Cheema, M. S., Sulaiman, P. S., Harith, H. H., **Saidi, H. I.**, & Tham, C. L. (2024). Student acceptance towards AsepticTech VR: A teaching and learning tool for cell and tissue culture aseptic techniques. *International Journal of Educational Technology in Higher Education*, 21(36). <https://doi.org/10.1186/s41239-024-00472-3>
6. Ong, M. F., Soh, K. L., Saimon, R., Tiong, I. K., **Saidi, H. I.**, & Mortell, M. (2023). Psychometric evaluation of the Protection Motivation Theory scale in assessing fall protection motivation among older adults to reduce fall risk. *BMC Geriatrics*, 23(1). <https://doi.org/10.1186/s12877-023-04372-5>
7. Ezani, E., Ab Razak, N. I., Uding Rangga, J., **Saidi, H. I.**, & Dhandaphani, S. (2023). Traffic-related air pollution (TRAP) and its exposure to cardiorespiratory outcomes to active commuters in a university outdoor environment. *EGU General Assembly 2023*. <https://doi.org/10.5194/egusphere-egu23-17038>
8. Iqbal, R. M., Binti Riza Effendi, N. I., Syed Alwi, S. S., **Saidi, H. I.**, & Sarchio, S. N. E. (2023). Insomnia and depression levels among Malaysian undergraduate students in the Faculty of Medicine and Health Sciences (FMHS), Universiti Putra Malaysia (UPM) during Movement Control Order (MCO). *PLOS ONE*, 18(10): e0283098. <https://doi.org/10.1371/journal.pone.0283098>
9. Ong, M. F., Soh, K. L., Saimon, R., Myint, W. W., Pawi, S., & **Saidi, H. I.** (2023). Falls risk screening tools intended to reduce fall risk among independent community-dwelling older adults: A systematic review. *International Journal of Nursing Practice*, 29(4), e13083. <https://doi.org/10.1111/ijn.13083>
10. Subha, S. T., Chin, J. W., Cheah, Y. K., Mohtarrudin, N., & **Saidi, H. I.** (2022). Multiple microRNA signature panel as promising potential for diagnosis and prognosis of head and neck cancer. *Molecular Biology Reports*, 49(2), 1501-1511. <https://doi.org/10.1007/s11033-021-06954-1>
11. Ubaidah, N. T. N. Z., Deepah, S., **Saidi, H. I.**, Selvarajah, G. T., & Cheah, Y. K. (2021). Construction and investigation of plasmic-induced effects on growth of GFP-expressing Salmonella strains. *Life Sciences, Medicine and Biomedicine*, 5(1). <https://doi.org/10.28916/lsm.5.1.2021.73>
12. Badrulhisham, N. S., Parvin Ab Hamid, S. N., Ismail, M. A. H., Yong, Y. K., Zakuan, N. M., Harith, H. H., **Saidi, H. I.**, & Nurdin, A. (2020). Harvested locations influence the total phenolic content, antioxidant levels, cytotoxic, and anti-inflammatory activities of stingless bee honey. *Journal of Asia-Pacific Entomology*, 23(4), 950-956. <https://doi.org/10.1016/j.aspen.2020.07.015>
13. Jien, T. M., Parvin Ab Hamid, S. N., Md Hashim, N. F., Armania, N., **Saidi, H. I.**, & Zakuan, N. M. (2020). Zerumbone induces cytotoxicity and inhibits cell migration of human colon cancer cells. *Sains Malaysiana*, 49(6), 1359-1370. <https://doi.org/10.5897/ajpp11.591>

Professional Services/ Consultation

No.	Year	Title	Authority
1.	2019	Diagnostic Imaging and Radiotherapy Scientific Seminar	Speaker
2.	2019	MMed Family Medicine Year 2 Clinical Research Final Proposal Presentation	External Examiner
3.	2019	7 th International Symposium on Applied Engineering and Sciences (SAES2019)	Judge for Biomedical Sciences
4.	2020, 2023	Malaysian Journal of Medicine & Health Sciences	Reviewer
5.	2021	Asia Pacific Journal of Molecular Biology & Biotechnology	Reviewer
6.	2021	BNursing Final Year Project Proposal Seminar	External Examiner
7.	2021-2022	Neuroscience Research Notes	Reviewer
8.	2022	Medicine & Health (UKM)	Reviewer

Student Supervision

PhD			
No.	Name	Type of Supervision	Status
1.	Ong Mei Fong	Internal Member	Thesis Submitted

2.	Okorie Nnaemeka	Internal Member	Ongoing
3.	Chu Dongmei	Internal Member	Ongoing
4.	Liu Bingyang	Internal Member	Ongoing

Master with Thesis

No.	Name	Type of Supervision	Status
1.	Ghulais Mesk Saleh Ali	Chairman	Ongoing
2.	Sum Yee Ling	Internal Member	Ongoing
3.	Chin Jun Wei	Internal Member	Graduated (2023)
4.	Raja Muhammad Iqbal bin Raja Yahya	Internal Member	Graduated (2023)
5.	Nurul Syazrah binti Anuar	Internal Member	Graduated (2024)

Attended Seminars/ Workshops/ Forums both National and International

No.	Year	Title	Organizers
1.	2019	7 th International Symposium on Applied Engineering and Sciences (SAES2019)	UPM & Kyutech
2.	2019	Topics in Data Science 2019 (TopDS2019)	INSPEM, UPM
3.	2019	Systematic Review and Writing Workshop	Dep of Human Anatomy, UPM
4.	2020	Virtual PGM Seminar in Conjunction with JSB Seminar Series	Dep of Biomedical Science, UPM & Genetics Society of Malaysia (PGM)
5.	2021	Pengenalan Inisiatif Pemerkasaan Pembelajaran Global Dalam Talian (PutraGLOBE)	Centre for Academic Development (CADE), UPM
6.	2021	Academic Integrity	CADE, UPM
7.	2021	Health Data Science Workshop	Singapore Institute for Clinical Sciences (SCIS)
8.	2022	OBE Based Curriculum Design and Development	CADE, UPM
9.	2022	3 rd International Anatomical and Biomedical Scientific Conference 2022 (IABS 2022)	Dep of Human Anatomy, UPM
10.	2023	Exploring the Spatial Dimension with MERSCOPE	Global Engage – Asia Office, Kuala Lumpur
11.	2023	Talk by Visiting Experts from Nottingham UK: 'Genomic Health Service Research & Big Data in Clinical Trials'	Hospital Sultan Abdul Aziz Shah (HSAAS)
12.	2023	3 rd DYNAMIDE Conference on Teaching Innovation and Distance Learning	University of Montpellier (MUSE Take-Off 3 program)
13.	2023	Identifying & Managing Missing Data & Outliers in Clinical & Health Sciences Research	Clinical Research Unit, HSAAS
14.	2023	Logistic Regression: Simple, Multiple, Multinomial, and Ordinal – Insights for Researcher	Clinical Research Unit, HSAAS