

CURRICULUM VITAE



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Education

1. Doctor of Philosophy (Community Health), Universiti Kebangsaan Malaysia (2010)
2. Master of Science (Environmental Health), Universiti Putra Malaysia (2002)
3. Bachelor of Science (Nutrition and Community Health), Universiti Putra Malaysia (1998)

Areas of Interest

1. Environmental Health: Environmental contamination and human health effects.
2. Health Risk Assessment
3. Nutrition and Food Safety
4. Community Health
5. Used cooking oil

Professional Qualification/ Membership/ Affiliation

1. Malaysia Association of Environmental Health

Appointments (Inside and Outside UPM)

Date	Designation	Remarks
1. 19.1.2024	Adjunct Professor in the Faculty of Public Health, Hasanuddin University, Makassar, Indonesia	3 years
2. 2018 - current	Panel of Assessor for UPM Swa-Accreditation	

Publications

Journals (in 5 years)

1. Yusuf, S.N., Elias S.M. 2023. Knowledge, Perception and Practice Towards Microplastic Contamination in Human Body among Community in Ampang, Selangor and the Associated Sociodemographic Factors. Malaysian Journal of Medicine and Health Sciences. 19 (SUPP14):56-70.
<https://doi.org/10.47836/mjmhs.19.s14.7>

2. Daud, N.I.M., Elias, S.M. 2023. Prevalence of Hypertension and Its Determinant Factors among Workers at Port Container Terminal. *Malaysian Journal of Medicine and Health Sciences*. 19 (SUPP14x):71-79. <https://doi.org/10.47836/mjmhs.19.s14.8>
3. Abedinlah, A., *Elias, S.M., Abu Bakar, S., Praveena, S.M., Rejali, Z., Jalaludin, J. (2022). Prevalence of GSTT1 and GSTM1 Gene Polymorphisms among Malaysian Pregnant Women. *Malaysian Journal of Medicine and Health Sciences*. 18(SUPP5): 91-96
4. Mohd Noor, F.A., *Elias, S.M., Abu Bakar, S., Aris, A.Z., Md Zulkifli, H. (2022). Blood Heavy Metals (Arsenic, Cadmium and Lead) Concentration and Genetic Polymorphism of Glutathione S-transferase Genes Among Adults in Coastal Area of Melaka, Malaysia. *Malaysian Journal of Medicine and Health Sciences*. 18(SUPP5): 45-52
5. Abedinlah, A., *Elias, S.M., Praveena, S.M., Abu Bakar, S., Rejali, Z., Jalaludin, J. (2021). Methylmercury detection in Maternal Blood Samples by LC-ICP-MS. *Journal of Science and Technology*. 29(3): 2028-2044. # doi.org/10.47836/pjst.29.3.45
6. Mohd Noor, F.A., *Elias, S.M., Aris, A.Z., Abu Bakar, S., Md Zulkifli, H. (2019). Determination of Arsenic and Lead level in blood of adults from coastal community in Melaka. *Malaysian Journal of Medicine and Health Sciences*, 15(Sp4):19-25.
7. Md Zulkifli, H., *Elias, S. M., Aris, A.Z., Abubakar, S. Mohd Noor, F.A. (2019). Seafood consumption and blood cadmium level of respondents along the coastal area of Melaka. *Malaysian Journal of Medicine and Health Sciences*, 15(Sp4):68-75.
8. Shamsani, N. S., *Elias, S. M., Yunus, F. H. & Abdl Aziz, N. (2019). Heavy metals (Pb, Cd, As) Content in instant noodles from Malaysian Market. *Malaysian Journal of Medicine and Health Sciences*, 15(Supp 3): 143-146
9. Ari Rahmawati Putri, Aini Fadlila, Soedjajadi Keman, **Elias, S.M.** 2023. Influence of individual characteristics, behaviour and noise intensity on blood pressure in Ponorogo plastic industry's worker. *Periodic Epidemiology Journal*. 11(1): 17-24. doi.org/10.20473/jbe.v11i12023.17-24.
10. Sincihu, Y., Lusno, M.F.D., Mulyasari, T.M., Elias, S.M., Sudiana, K., Kusumastuti, K., Sulistyorini, L., Keman, S. 2023. Wistar Rats Hippocampal Neurons Response to Blood Low-Density Polyethylene Microplastics: A Pathway Analysis of SOD, CAT, MDA, 8-OHdG Expression in Hippocampal Neurons and Blood Serum A β 42 Levels. *Neuropsychiatric Disease and Treatment*. 19:73-83. doi.org/10.2147/NDT.S396556
11. Sincihu, Y., Sudiana, I. K., Kusumastuti, K., Keman, S., Sulistyorini, L., Lusno, M. F. D., **Elias, S. M.**, & Hasina, S. N. 2022. Membranes and deoxyribonucleic acid of hippocampal neurons damage due to low-density polyethylene microplastics in blood of Wistar rats. *International Journal of Health Sciences*, 6(S7), 3490-3503. doi.org/10.53730/ijhs.v6nS7.12621
12. Sincihu, Y., Keman, S., **Elias, S.M.**, Mastan, J. A., Morina, S. 2022. Liver Abnormalities in Wistar Rats Exposed to Oral Intake of Polyvinyl Chloride Microplastics. *NeuroQuantology*. 20(8): 7810-7820
13. Hashim, Z., Fadzil, N.S.M., Fuad, S.R.M., Shamsudin, S.B., Isa, K. N. M., Song, T. T., Sieman, J. Elias, S.M., Hashim, J.H. 2022. School Indoor Air Pollutants: In Relation to Allergy and
14. Respiratory Symptoms among School Children in Urban Areas. *Pollution*: 948-962. DOI: 10.22059/POLL.2022.336619.1313
15. Elias SM, Hashim Z, Marjan ZM, Abdullah S & Hashim JH (2007). Relationship between blood lead concentration and nutritional status among Malay primary school children in Kuala Lumpur, Malaysia. *Asia Pac J Public Health* 19(3):29-37
16. Mohidem, N.A., Osman, M., Hashim, Z., Muharram, F.M., Elias, S.M., Ma`pol, A. 2023. Mapping hotspots of tuberculosis cases with validation on site in Gombak, Selangor, Malaysia. *Spatial Information Research*. <https://doi.org/10.1007/s41324-023-00545-x>.
17. Dahlan, N.D., Kurmanbekova, M., Yusoff, W.F.M., Elias, S.M. 2023. Physical Activity as a Health Determinant in Tropical Built Environments: A Multifaceted Intervention. *Environment and Urbanization ASIA*. 1:16. doi.org/10.1177/09754253221151143
18. Isa, K.N.M., Jalaludin, J., Elias, S.M., Mohamed, N., Hashim, J.H., Hashim, Z. (2022). Evaluation of the Relationship between Fractional Exhaled Ni-2 tric Oxide (FeNO) with Indoor PM10, PM2.5 and NO2 in Subur-3 ban and Urban Schools. *International Journal of Environmental Research and Public Health*.
19. Mohidem, N.A., Osman, M., Hashim, Z., Muharam, F.M., Elias, S.M., Shaharudin, R. (2021). Association of sociodemographic and environmental factors with spatial distribution of tuberculosis

- cases in Gombak, Selangor, Malaysia. PLoS ONE.16(16):e0252146. # doi.org/10.1371/journal.pone.0252146
20. Mohidem, N.A., Hashim, Z., Osman, M., Muharam, F. M., Elias, S.M., Shaharudin, R. (2020). Environment as the risk factor for tuberculosis in Malaysia: a systematic review of the literature. *Reviews on Environmental Health*. <https://doi.org/10.1515/reveh-2020-0096>
 21. Yaakub, N., Ranjan, M.Z., Baharuddin, M.R., **Elias, S.**, Zainuddin H., Noor, M.A.M. (2019). Content Validation of Occupational Health & Safety Monitoring Questionnaire (OHSMQ) For Occupational Stress Risk Assessment among Port Terminal Workers. *Journal of Advance Research in Occupational Health*. 5(1): 18-28.
 22. Yaakub, N., **Elias, S.**, Zainuddin, H., Noor, M.A.M., Baharuddin, M.R. (2019). Developing a Risk Control Modifying Matrix in Assessing Occupational Stress in Port Terminal. *International Journal of Recent Technology and Engineering*. 8(1C2): 294-300.
 23. Jeenanaraj, P., Hashim, Z., **Elias, S.M.**, & Aris, A.Z. (2019). Risk of dietary mercury exposure via marine fish ingestion: Assessment among potential mothers in Malaysia. *Exposure and Health*. doi.org/10.1007/s12403-017-0270-x.

Conference Proceedings (in 5 years)

- 1.
- 2.

Books (If any)

1. **Saliza Mohd Elias**. (2014). *Dioksin dan Kesihatan*. Penerbit UPM, Serdang. ISBN 978-967-344-436-6

Chapter in Books (If any)

1. Hamizah Md Zulkifli, **Saliza Mohd Elias**, Suhaili Abu Bakar, Ahmad Zaharin Aris and Farrah Atiqah Mohd Noor. (2019). Cadmium Concentration and Genetic Polymorphism of GSTM1, GSTT1 and GSTP1 in Blood Samples of Adult Respondents. In M.K. Faradiella, & H. Normala. *Socio-ecological prospects in environmental studies Volume 1*. Serdang: Penerbit UPM.
2. **Saliza Mohd Elias**. (2017). Kesan banjir kepada sumber makanan dan pemakanan. In A.R. Haliza, S. Rapeah, & A.A.W. Wan Nor Amila. *Banjir: Risiko Kesihatan dan Pengurusannya*. Batu Pahat: Penerbit UTHM.
3. **Saliza, M. E.**, Fadilah, O., & Shaharuddin, M. S. (2016). Interaksi nelayan dalam governans kelestarian di Melaka: Kandungan plumbum dalam ikan laut dan paras plumbum darah. In R. Muhammad Rizal, M. Mazlin, & A. Kadir, *Governans Kelestarian:Kesejahteraan Alam Sekitar dan Kesihatan Masyarakat di Malaysia* (pp. 125-137). Tanjong Malim: Penerbit UPSI
4. **Mohd Elias, S.**, Marzuki, A.M., Mokhtar, H., Geroge, C., Zakaria, N.A., & Aris, A.Z. (2014). Heavy metals (As, Cd, Cr and Pb) concentration in selected freshwater fishes and health risk assessment among adults in Kluang, Johor. In *From Sources to Solution: Proceedings of the International Conference on Environmental Forensics 2013*. Eds, Aris, A. Z., Tengku Ismail, T.H., Harun, R., Abdullah A. M. and Ishak, M,Y. Springer, Singapore, pp. 573-578. DOI:10.1007/978-981-4560-70-2_102.

Research Grants

Received 2020

1. Penghasilan sabun daripada minyak masak terpakai oleh KRT Taman Desa JAti Nilai

On-going

Research Grants

No.	Project Title	Amount (RM)	Year	Source of Fund
1.	Penghasilan sabun daripada minyak masak terpakai oleh KRT Taman Desa JAti Nilai	10,000	2022-2023	KTGS UPM
2.				

Awards/ Recognition (Current)

No.	Name of awards	Award Authority	Award Type	Year
1.	Anugerah Perkhidmatan Cemerlang 2023	UPM	Award	2024

Professional Services/ Consultation

No.	Year	Title	Authority
1.	2018	External Examiner and Consltation for Diploma in Environmental Health Programme	Asia Metropolitan College, Kuching
2.	2018-2020	External Academic Advisor for undergraduate programme	University Selangor
3.	2023-2025	National Environmental Health Action Plan Thematic Working Group 10: Environmental Halth Expert (NEHAP TWG10)	Ministry of Health Malaysia
4.	2020-2026	Jawatankuasa Etika Untuk Penyelidikan Melibatkan Manusia (JKEUPM), UPM	UPM
5.	2013-2018	Jawatankuasa Kecil Kurikulum Universiti	UPM
6.	2024-2027	Adjunc Professor in the Faculty of Public Health, Hasanuddin University, Makassar, Indonesia	Ministry of Education, Culture, Research, and Technology, Indonesia
7.	2024	Penasihat Luar (Akademik)	Kolej Universiti Antarabangsa MAIWP

Student Supervision

PhD (Main Supervisor)

No.	Name	Title	Status
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1.	Amirah binti Abedinlah	Association of GSTM1 and GSTT1 genetic polymorphism with blood methylmercury level and birth outcome among fish-eating urban pregnant women	Graduated
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Master with Thesis (Main Supervisor)			
No.	Name	Title	Status
1.	Hamizah binti Md Zulkifli	Cadmium concentration and genetic polymorphism of GSTM1, GSTP1 and GSTT1 in blood samples of respondents from Melaka, Malaysia	Graduated
2	Farah Atiqah binti Mohd Noor	Seafood consumption pattern and its relationship with blood arsenic, blood lead and genetic polymorphism of GST genes among the coastal community of Melaka, Malaysia	Graduated
3.	Yusaini bin Murad	Heavy metals in instant noodles, factors of consumption, and health risk assessment among different groups of students in Selangor	On-going

Master without Thesis (Main Supervisor)			
No.	Name	Title	Status
1.	Rozaini binti Abdul Rahman	Risk factors associated with blood cholinesterase level among health care workers in Kuala Lumpur	Graduated
2.	Abdirahman Abdiqadir Ismail	Assessing the impact of climate-induced drought on diarrheal disease prevalence among children under five in IDP camp in Hargeisa, Somalia	On-going

Attended Seminars/ Workshops/ Forums both National and International			
No.	Year	Title	Organizers
1.	2023	Cemaran micro-nano plastic pada makanan dan pengendalian	Universitas Airlangga, Indonesia
2.	2023	International Symposium on Essential Oils, Plants, Cosmetics and Health	USM Health Campus & Universitas Andalas, Indonesia
3.	2020	Public Health International Meeting	Malahayati University, Indonesia
4.	2019	International Conference on Public Health	The International Institute of Knowledge
5.	2019	International Environment and Health Conference	USM Health Campus
6.	2018	Mercury Contamination and Health Impact	Universitas Indonesia

Intellectuals Property			
Patent Granted			
No.	Date	Patent No.	Name

- 1.
- 2.

Patent Field			
No.	Date	Patent No.	Name

- 1.
- 2.