



MINISTRY
OF EDUCATION
MALAYSIA

SOARING
UPWARDS
MALAYSIAN HIGHER EDUCATION



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERAKTIVITI

NG YEE GUAN

Associate Professor,
Occupational Safety and Health
Dept. of Environmental & Occupational Health
Faculty of Medicine and Health Sciences

CONTACT INFORMATION:

www.medic.upm.edu.my shah86zam@upm.edu.my

+603 8609 2922

+6019 277 1103

TEACHING EXPERIENCES:

7
years

AWARDS & HONORS

2

PUBLICATIONS:

44

JOURNAL
ARTICLES

3

Policy
document

1

Book
Chapters

10

Proceedings

RESEARCH GRANTS:

2

International/
Private

2

National

5

University

SUPERVISION:

14

Doctorate, PhD

5

3

Master Degree, MSc

4

8

Bachelor Degree, BSc

16

On-going

Graduated

Field of
Interest

Field of
Expertise

Occupational Safety and Health
Industrial Hygiene
Human Factors and Ergonomics
Emergency, Disaster and Resilience

RESEARCH WORK

Scopus ID: [55184607900](https://orcid.org/0000-0001-7373-2139) (H-index = 5)

Google Scholar ID: [YG Ng](https://orcid.org/0000-0001-7373-2139) (H-index = 7)

ORCID ID: orcid.org/0000-0001-7373-2139

PROFESSIONAL SOCIETY

Human Factors and Ergonomics Malaysia
Malaysian Industrial Hygiene Association

CONSULTANCY WORK:

Dept. of Occupational Safety and Health
Al-Esnad Est. For Military Supplies
Infineon Technologies (M)
Mandarin Oriental Hotel
Tenaga Nasional Berhad
Sime Darby Plantation
Sunway Construction
National Instruments
Alliance Steel (M)
Aker Solution
Murphy Oil
Technofit
Etc.

CURRICULUM VITAE (as of July 2022)

A. PERSONAL DETAIL <i>(Butir Peribadi)</i>			
Full Name <i>(Nama Penuh)</i>	Ng Yee Guan		Title <i>(Gelaran)</i> : Dr.
NRIC No. <i>(No. K/P)</i> :	Citizenship <i>(Warganegara)</i>	Race <i>(Bangsa)</i>	Date of Birth <i>(Tarikh Lahir)</i>
860702-43-6563	Malaysian	Malaysia	2nd July 1986

B. EMPLOYMENT DETAIL <i>(Butir Pekerjaan)</i>			
Department / Faculty <i>(Jabatan/Fakulti)</i>		E-mail Address <i>(Alamat E-mel)</i>	
Dept. of Environmental & Occupational Health, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, 43400 Serdang, Selangor Darul Ehsan, Malaysia.		E-mail: shah86zam@upm.edu.my shah86zam@gmail.com Tel: 03-97692859 Fax: 03-89472395 H/P: 0192771103	
Staff ID No. <i>(No ID staf)</i> :	A04413	Designation <i>(Jawatan)</i> :	Associate Professor
Date of service: <i>(Tarikh mula perkhidmatan)</i>	12 February 2015	Date of confirmation: <i>(Tarikh disahkan jawatan)</i>	12 February 2018
Date of appointment: <i>(Tarikh pelantikan ke jawatan sekarang):</i>	1 Mei 2020	Salary grade <i>(Gred gaji)</i> :	DS54
Field of expertise/interest <i>(Bidang kepakaran/diminati):</i>	Industrial Hygiene Human Factors and Ergonomics Occupational Safety and Health Emergency and Disaster Preparedness and Response		
Annual Performance Appraisal Score <i>(Markah penilaian prestasi tahunan):</i>	2020 = 88.75 2019 = 96.06 2018 = 95.40 2017 = 92.16 2016 = 91.45		

C. ACADEMIC QUALIFICATION <i>(Kelayakan Akademik)</i>			
Certificate / Qualification obtained <i>(Nama Sijil/Kelayakan)</i>	Name of School/Institution <i>(Nama Sekolah/Institusi)</i>	Year <i>(Tahun)</i>	Area of Specialization <i>(Bidang pengkhususan)</i>
Doctoral Degree, PhD	Universiti Putra Malaysia	2015	Occupational Health and Safety
Bachelor Science, BSc	Universiti Putra Malaysia	2010	Environmental and Occupational Health

D. Current Teaching and Administrative Responsibility (<i>Tanggungjawab Pengajaran Dan Petadbiran Semasa</i>)		
<i>Teaching (course coordinator)</i>	1. Industrial Hygiene, EOH3203 2. Principles of Environmental Health, EOH3101 3. Ergonomics and Occupational Psychology, OSPH5623 4. Occupational Health, EOH3202 5. Industrial Ergonomics, EOH5204 6. Industrial Hygiene Management, EOH5203	2015 – now 2015 – 2020 2015 – now 2021 – now 2021 – now 2021 – now
<i>Teaching (shared)</i>	1. Ergonomics, EOH4201 2. Env. & Occ. Health Laws & Professional Ethics, EOH3304 3. Laboratory Management, SBP3005 4. Ergonomics and Consumers, PSP4604	2015 – now 2015 – now 2015 – 2018 2019
<i>Invited/Guest Lecturer</i>	1. Universiti Malaya: Faculty of Built Environment (Master in Facilities and Maintenance Management): Building Performance 2. Universiti Malaya: Faculty of Science (Institute of Biological Sciences): Seminars in Current Issue and Technology in Biotechnology	2019 2014
<i>Administrative Positions</i>	1. Postgraduate Coordinator, Faculty of Medicine and Health Sciences 2. Postgraduate Coordinator, Department of Environmental and Occupational Health, Faculty of Medicine and Health Sciences	2018 – now 2017 – now
<i>Reviewer</i>	1. CONSIST College – Curriculum for Diploma of Ergonomics 2. Research Management Centre, UPM – Research Grant Application	2020 – 2021 2021 – now

E. SUPERVISION (<i>Penyeliaan</i>)			
Programme	Status	Chairman	Member
PhD	Graduated	1	4
	Current	5	9
Master	Graduated	3	1
	Current	1	2
Master (coursework)	Graduated	2	0
	Current	5 (OUM)	0
Bachelor's Degree	Graduated	16	0
	Current	8	0

F. AWARDS (<i>Anugerah</i>)		
Nama Anugerah (<i>Name of Awards</i>)	Tarikh (<i>Date</i>)	Badan (<i>Bodies</i>)
Best Presenter, 4th Scientific Conference on Occupational Safety and Health (Sci-COSH)	2016	NIOSH
Bronze, MiniGO: ErgoSawit Loader, Low Cost Solution for Smallholders in Improving Food Security and Increasing Efficiency in Palm Oil Industry, PECIPTA	2015	MoE

G. PUBLICATION (Penerbitan)

Journal

1. Shamsul B.M.T, Muhammad Azhar M. A, Mohd Rafee B., Nurul A.M.A. and Ng Y.G (2009). Ergonomics Risk Factors and Health Effects Among Visual Display Unit (VDU) Users of Malaysian Government Servants. *Journal of Medical Safety*. November 2009: 23 – 36. ISSN 1349-5232.
2. Tamrin, S.B.M., Jamalohdin, M.N., Ng, Y.G., Maeda, S., Ali, N.A.M (2012). The characteristics of vibrotactile perception threshold among shipyard workers in a tropical environment. *Industrial health* 50 (2), 156-163
3. Shamsul, B.M.T., Sia, C.C., Ng, Y.G., & Karmegan, K. (2013). Effects of Light's Colour Temperatures on Visual Comfort Level, Task Performances, and Alertness among Students. *American Journal of Public Health Research*, 1(7), 159-165.
4. Ng, Y.G., Shamsul, B.M.T., Irwan, S.M., Mori, I., & Hashim, Z. (2013). Ergonomics Observation: Harvesting Tasks at Oil Palm Plantation. *Journal of Occupational Health*. 55 (5), 405-414.
5. Ng, Y.G., Shamsul, B.M.T., Yik, W.M., Mohd, Y.I., & Mori, I. (2013). The Prevalence of Musculoskeletal Disorder and Association with Productivity Loss: A Preliminary Study among Labour Intensive Manual Harvesting Activities in Oil Palm Plantation. *Industrial Health*. 52 (1), 78-85.
6. Tamrin, S.B.M., Yokoyama, K., Naing, L., Ng, Y.G. (2014). The effectiveness of simplified intervention program for preventing and reducing low back pain among Malaysian bus drivers. *American Journal of Applied Sciences* 11 (5), 818-832.
7. Yusoff, I.S.M., Shamsul, B.M.T., Said, A.M., Ng, Y.G., Ippei, M. (2014). Oil Palm Workers: Designing Ergonomics Harvesting Tool Using User Centered Design Approach to Reducing Awkward Body Posture by Catia Simulation. *Iranian Journal of Public Health* 43 (3), 72.
8. Norzan M.L., Shariman A.B., Shamsul B.M.T., Deros B.M., Rambely A.S., Ahmad, W., Khairunizam, W., Ng, Y.G., Rojan, M.A., Ee M.C., Basah S.N., Zaaba, S.K. (2014). Overcoming issues of oil palm plantations manual work with ergonomic and engineering considerations. *Australian Journal of Basic and Applied Sciences*. 8 (spec. 4), 393-397.
9. Tamrin, S.B.M., Saliman, K., Ng, Y.G., M Yusoff, I Syah (2014). Stress; the vulnerability and association with driving performance. *American Journal of Applied Sciences*. 11 (3), 448-454.
10. Ng, Y.G., Shamsul B.M.T., Ismail, I.A., Ananta, G.P., Hashim, Z., Yusoff, I.S.M., Baba, M.D., Shahrman M.D., Azmin, S.R. (2014). Effectiveness of a participatory action-oriented training intervention approach among harvesters in oil palm plantation. *American Journal of Applied Sciences*. 11 (4), 681-693.
11. Ng Y.G., Shamsul, B.M.T., Yusoff, I.S.M., Hashim, Z., Bakar, S.A., How, V. (2015). Risk factors of musculoskeletal disorders among oil palm fruit harvesters during early harvesting stage. *Annals of Agricultural and Environmental Medicine*. 22 (2).

G. PUBLICATION (Penerbitan)

12. Nurlzzate, S., Bahri, M. T. S., Karmegam, K., & Ng, Y.G. (2015). Study on Physiological Effects on Palm Oil Mill Workers Exposed to Extreme Heat Condition. Journal of Scientific and Industrial Research. Vol.74:406-410.
13. Muhammad, L.N., Shahrman, A.B., Shamsul, B.M.T., Deros, B.M., Rambely, A.S., Ng, Y.G., ... & Afendi, M. (2015). Conceptual Design for Oil Palm Evacuation to Improve Ergonomics Issues of Collecting Fresh Fruit Bunch. In Applied Mechanics and Materials (Vol. 786, pp. 281-286). Trans Tech Publications.
14. Zolkifli, N., Tamrin, S. B. M., Ng, Y.G., Shukoor, N. S. M., MdAkir, N. F., Siong, N. G., & Nasir, N. S. M. (2016). Knowledge, attitude and practice on the usage of safety helmet among oil palm harvesters. Malaysian Journal of Public Health Medicine, 35(39.4), 28-4.
15. Ng, Y. G., Bmt, S., & Jamalohdin, M. N. (2016). Comparison of diagnostic method of evaluating vibration induced sensorineural impairment among shipyard's grinders. Malaysian Journal of Public Health Medicine, 16(Special Volume (1)), 26-35.
16. Shamsul, B.M.T., Akir, N.F., Ng, Y.G., Vivien, H., & Zolkifli, N. Z. (2016). The effect of using dual screen computer panel to the neck-shoulder muscle activity among group of students. Iranian Journal of Public Health, 45(Supple 1), 61-67.
17. Adnan, A., Latifi, R., Tamrin, S. B. M., Ng, Y. G., Wahib, K. N. A., Rahman, A. R. A., & Bakar, S. A. A (2016). Case Study of On the Usage of Safety Helmet Among Agricultural Workers In Palm Oil Plantation. Malaysian Journal of Human Factors and Ergonomics. 32, 8-226.
18. Alibrahim, A., Shamsul, B. M. T., Alssabani, N., Ng, Y.G., Omar, N., & Shaikh, F. (2017). Prevalence of Cataract, Climatic Droplet Keratopathy And Eye Lid Diseases Among Fishermen In Jazan In Saudi Arabia, And The Association Of Risk Factors. Malaysian Journal of Human Factors and Ergonomics, 1(2), 58-63.
19. MY I., Ng, Y.G., & BMT, S. (2017). Malaysia Occupational Safety and Health Status in Agriculture: Overview. The Japanese Journal of Ergonomics, 53(Supplement2), S656-S659.
20. Tamrin, S.B.M., Mohamed, M.S.S., & Ng, Y.G. (2017). Challenges in Establishing the Professional Ergonomist Certification Scheme in Malaysia. The Japanese Journal of Ergonomics, 53(Supplement1), S42-S47.
21. Ab Hadi, N.A., Tamrin, S.B.M., Ng, Y.G., How, V., & Rahman, R.A. (2017). D8-1 Association between Non-Reporting of Accident and Contributing Factors in Malaysia's Construction Industry. The Japanese Journal of Ergonomics, 53(Supplement2), S648-S651.
22. Binti Alias, N. A., Ng, Y.G., & Tamrin, S. B. M. (2017). The Ergonomics of Seat Design in Lecture Hall at Faculty of Medicine and Health Sciences (FMHS), Universiti Putra Malaysia. Malaysian Journal of Human Factors and Ergonomics, 2(2), 34-40.



















G. PUBLICATION (Penerbitan)

23. Shukoor, M., Shuhada, N., Tamrin, M., Bahri, S., Ng, Y.G., Nata, M. S., & Hazwani, D. (2018). Development of new hard hat dimensions using user-centered design approach among oil palm harvesters. Work, (Preprint), 1-6.
24. Shawal, F. N. S., Ng, Y.G., Nata, M. S., Hazwani, D., How, V., & Tamrin, S. B. M. (2018). Knowledge, attitude, and perception of risk management of steam boilers among workers in palm oil mills. Work, (Preprint), 1-10.
25. Mazlan, S. R., Tamrin, S. B. M., Ng, Y.G., How, V., Ab Rahman, R., Basri, J., ... & Shariat, A. (2018). Quality of Work Life among Malaysian OSH Personnel and General Workers from Different Industries in Malaysia. Malaysian Journal of Medicine and Health Sciences, 14(SP1), 40-46.
26. Yaacob, N., Tamrin, S. B., Ng, Y.G., How, V., Rahman, R. A., Zerguine, H., & Hazwani, D. M. (2019). The Effectiveness of the Occupational Safety and Health Master Plan 2015 (OSH-MP 15) in Enhancing government Leadership and Preventive workplace. Malaysian Journal of Medicine and Health Sciences, 14(2), 57-66.
27. Almutairi, N.S., Tamrin, S.B.M., Ng, Y.G., How, V., & Danaee, M. (2019). Effectiveness of Intervention Occupational Safety and Health Management System on Improving Safety and Health among the Laboratory Technician/Staff. International Journal of Advanced Scientific Research & Development (IJASRD), 5(12), 18-32.
28. Hashim, H. M., Ng, Y.G., Talib, O., & Md Tamrin, S. B. (2019). Content validation of flood disaster preparedness action (FDPA) items among small and medium enterprises (SME) business. International Journal of Disaster Resilience in the Built Environment.
29. Hashim, H. M., Ng, Y.G., Talib, O., & Md Tamrin, S. B. (2019). Development of Flood Disaster Preparedness Activity (FDPA) Items on SMEs: A Rasch Analysis Application. Malaysian Journal of Medicine and Health Science, 15(SP4): 1-11.
30. Adam, S. A., Jalil, N. A., Razali, K. M., & Ng, Y. G. (2019, August). The Effects of Posture on Suspension Seat Transmissibility during Exposure to Vertical Whole-Body Vibration. In Journal of Physics: Conference Series (Vol. 1262, No. 1, p. 012026). IOP Publishing.
31. Aladdin, M. F., Jalil, N. A. A., Guan, N. Y., Rezali, K. A. M., & Adam, S. A. (2019). Evaluation of Human Discomfort from Combined Noise and Whole-Body Vibration in Passenger Vehicle. International Journal of Automotive and Mechanical Engineering, 16(2), 6808-6824.
32. Adam, S. A., Jalil, N. A., Razali, K. M., Ng, Y. G., & Aladdin, M. F. (2019). Mathematical model of suspension seat-person exposed to vertical vibration for off-road vehicles. International Journal of Automotive and Mechanical Engineering, 16(2), 6773-6782.
33. Tai, K.W., Lim, P.Y., Ng, Y.G. (2019). Systematic Review on The Prevalence of Illness and Stress and Their Associated Risk Factors among Educators in Malaysia. PLoS one, 14(5).

G. PUBLICATION (Penerbitan)

34. Rahman, R. A., Tamrin, S. B., How, V., Guan, N. Y., & Zerguine, H. (2019). National Occupational Safety and Health Updates 2015 to 2020 towards OSH Preventative Culture in Business Organizations in Malaysia. *International Journal of Academic Research in Business and Social Sciences*, 9(12).
35. Aizuddin, A. M., Jalil, N. A., Rezali, K. M., & Ng, Y. G. (2019, August). Development of Vibration Test System to Measure Human Biodynamic Responses to Hand-Transmitted Vibration (HTV). In *Journal of Physics: Conference Series* (Vol. 1262, No. 1, p. 012027). IOP Publishing.
36. Nazri, N. A. I., Tamrin, S. B. M., Nata, D. H. M. S., & Ng, Y. G. (2020). Subjective Preference of New Prototypes Safety Helmets Device among Palm Oil Plantation Harvesters in Sandakan, Sabah.
37. Adam, S. A., Jalil, N. A., Rezali, K. M., Ng, Y. G., & Sound and Vibration Research Group. (2020). The effect of posture and vibration magnitude on the vertical vibration transmissibility of tractor suspension system. *International Journal of Industrial Ergonomics*, 80, 103014.
38. Almutairi, N. S., Tamrin, S. B. B. M., Guan, N. Y., & How, V. (2020) Review of Knowledge, Attitude, and Practice Among Laboratory Workers Towards Occupational Safety and Health. *Malaysian Journal of Medicine and Health Sciences*, 16(1): 297-303.
39. Tualeka, A. R., Guan, N. Y., Russeng, S. S., Ahsan, A., Susilowati, I. H., Rahmawati, P., & Ain, K. (2020). Relationship of Benzene Concentration, ECR Benzene, Malondialdehyde, Glutathione, and DNA Degeneration in Shoe Industrial Workers in Osowilangun, Indonesia. *Dose-Response*, 18(2), 1559325820921023.
40. Albeeli, A., Tamrin, S. B. M., Guan, N. Y., & Karuppiah, K. (2020) Musculoskeletal Disorders and Its Association With Self-reported Productivity: A Cross-sectional Study Among Public Office-workers in Putrajaya, Malaysia. *Malaysian Journal of Medicine and Health Sciences*, 16(4): 272-279.
41. Awwad, K., Ng, Y. G., Lee, K., Lim, P. Y., & Rawajbeh, B. (2021). Advanced Trauma Life Support/Advanced Trauma Care for Nurses: A systematic review concerning the knowledge and skills of emergency nurse related to trauma triage in a community. *International Emergency Nursing*, 56, 100994.
42. Hashim, H. M., Guan, N. Y., Talib, O., & Tamrin, S. B. M. (2021). Factors influencing flood disaster preparedness Initiatives among small and medium enterprises located at flood-prone area. *International Journal of Disaster Risk Reduction*, 102302.
43. Aladdin, M. F., Jalil, N. A. A., Guan, N. Y., & Rezali, K. A. M. (2021). Perturbation effect of noise on overall feeling of discomfort from vertical whole-body vibration in vibro-acoustic environment. *International Journal of Industrial Ergonomics*, 83, 103136.

G. PUBLICATION (Penerbitan)

<p>IP/Copyright</p> <table border="1" data-bbox="240 331 505 485"> <tr> <td>iOS</td><td>Android</td></tr> <tr> <td></td><td></td></tr> </table> <table border="1" data-bbox="240 562 505 716"> <tr> <td>iOS</td><td>Android</td></tr> <tr> <td></td><td></td></tr> </table> <table border="1" data-bbox="240 793 505 947"> <tr> <td>iOS</td><td>Android</td></tr> <tr> <td></td><td></td></tr> </table>	iOS	Android			iOS	Android			iOS	Android			<ol style="list-style-type: none"> 1. S.M. Sapuan, Rahman R., Ng, Y.G., Shamsul B.M.T. (2019). Safety Helmet Artistic Work, AR2019003656 2. Angakis B.E.C., Ng, Y.G., Al-Aswer F.S.N. (2019) SOHELP Checkpoints – Workplace Safety Checkpoints. Intellectual Properties protected by Google Play and Apple App Store policies. (https://play.google.com/store/apps/details?id=com.alaswerapps.sohelp) (https://apps.apple.com/us/app/id1512707322) 3. Sholikhin M.E.H., Ng, Y.G., Al-Aswer F.S.N. (2019) HazRep – Safety Guide & Hazard Reporting Tool. Intellectual Properties protected by Google Play and Apple App Store policies. (https://play.google.com/store/apps/details?id=com.alaswerapps.hazrep) (https://apps.apple.com/app/hazrep/id1510647708) 4. Rosslan H.H., Ng, Y.G., Al-Aswer F.S.N. (2019) SafeLab – Lab Safety Information & Incident Report. Intellectual Properties protected by Google Play and Apple App Store policies. (https://play.google.com/store/apps/details?id=com.alaswerapps.safelab) (https://apps.apple.com/my/app/safelab/id1512707459)
iOS	Android												
													
iOS	Android												
													
iOS	Android												
													
<p>Books/ Chapter in book</p>	<p>Ng Yee Guan and Shamsul Bahri Mohd Tamrin (2015). Harvesting Task In Oil Palm Plantation: A Case Study Of Early Harvesting Stage in Occupational Safety and Health in Commodity Agriculture: Case Studies from the Malaysian Perspective.</p>												
<p>Policies</p>	<ol style="list-style-type: none"> 1. Guidelines on Ergonomics Risk Assessment at Workplace 2017, Department of Occupational Safety and Health, Ministry of Human Resource, Malaysia. 2. Guidelines for Manual Handling at Workplace, 2018, Ministry of Human Resource, Malaysia. 3. Malaysian Occupational Safety and Health, 2016 												
<p>Proceedings</p>	<ol style="list-style-type: none"> 1. Tamrin, S. B. M., Jamalohdin, M. N., Ng, Y.G., & Maeda, S. (2012, July). The association between hand arm vibration syndrome and vibrotactile perception threshold among shipyard workers. In 2012 Southeast Asian Network of Ergonomics Societies Conference (SEANES) (pp. 1-5). IEEE. 2. N. P. Tumit and A. S. Rambely Shamsul BMT Shahrman A. B. Ng Y. G. B. M. Deros Zailina H., Y. M. Goh, Manohar Arumugam, I. A. Ismail, and Abdul Hafiz A. R. (2014). An upper limb mathematical model of an oil palm harvester. <i>AIP Conference Proceedings</i>. 1614 (1), 973-979. 3. N. P. Tumit and A. S. Rambely Shamsul BMT Shahrman A. B. Ng Y. G. B. M. Deros Zailina H., Y. M. Goh, Manohar Arumugam, I. A. Ismail, and Abdul Hafiz A. R. (2015). A full body mathematical model of an oil palm harvester. <i>AIP Conference Proceedings</i> 1678 (1), 060019. 												

G. PUBLICATION (Penerbitan)

	<ol style="list-style-type: none"> 4. Mohd Shukoor, N.S., Ng, Y.G., Mohd Tamrin, S.B., Perumal, V., Zolkifli N., Ng, G.S., Md Akir, N.F., Mohd Nasir, N.S., (2015). Development of New Hard Hat Dimension Using User-Centered Design Approach among Oil Palm Harvester. International Symposium on Advancements in Ergonomics and Safety. 5. Shamsul Bahri M.T., Irwan Syah M.Y., Aini. M.S., Ng, Y.G., Ippei M., (2015). Developing low cost harvesting tool using Ergonomics Concept for Oil Palm Fresh Fruit Bunch Harvesters in Malaysia: A case study. Proceedings 19th Triennial Congress of the IEA. 6. MK Faizi, AB Shahriman, MS Abdul Majid, BMT Shamsul, YG Ng, SN Basah, EM Cheng, M Afendi, MR Zuradzman, Khairunizam Wan, D Hazry (2017). An overview of the Oil Palm Empty Fruit Bunch (OPEFB) potential as reinforcing fibre in polymer composite for energy absorption applications. <i>MATEC Web of Conferences</i> 90, 01064. 7. Faizi, M. K., Shahriman, A. B., Majid, M. S. A., Shamsul, B. M. T., Zunaidi, I., Ng, Y. G., ... & Wan, W. K. (2018, September). The Effect of Alkaline Treatments with Various Concentrations on Oil Palm Empty Fruit Bunch (OPEFB) Fibre Structure. In IOP Conference Series: Materials Science and Engineering (Vol. 429, No. 1, p. 012006). IOP Publishing. 8. Bahri, M. S., Ng, Y.G., Wahib, K. N. A., Rahman, R., Bakar, S. A., Sapuan, S. M., & Nata, D. H. M. S. (2018, August). Creativity in Design of Safety Helmet for Oil Palm Workers. In Congress of the International Ergonomics Association (pp. 1044-1047). Springer, Cham. 9. Zaliran, M. T., Rezali, K. A. M., Ng, Y.G., As'array, A., & Jalil, N. A. A. (2019, August). Review on the Vibration Perception Threshold to Early Detect Diabetes Mellitus. In Journal of Physics: Conference Series (Vol. 1262, No. 1, p. 012033). IOP Publishing. 10. Aladdin, M. F., Jalil, A., Aswan, N., Rezali, M., Anas, K., Zulkefli, Z., & Ng, Y.G. (2019, September). Subjective equivalence of vehicle interior noise and low frequency random vertical whole-body vibration. In INTER-NOISE and NOISE-CON Congress and Conference Proceedings (Vol. 259, No. 7, pp. 2967-2978). Institute of Noise Control Engineering. 11. Awwad, K., Ng, Y. G., Lee, K., Lim, P. Y., & Rawajbeh, B. (2021). Advanced Trauma Life Support/Advanced Trauma Care for Nurses: A systematic review concerning the knowledge and skills of emergency nurse related to trauma triage in a community. <i>International Emergency Nursing</i>, 56, 100994.
Current H-index: (Indeks H terkini)	Scopus = 5 Google Scholar = 9
CIJ vs Non-CIJ: (Indeks Sitasi)	CIJ = 37 articles Non-CIJ = 12 articles

H. JOURNALS/PROCEEDINGS REVIEWER/SCIENTIFIC COMMITTEES *(Pengulas)*

1. American Journal of Applied Sciences
2. American Medical Journal
3. Journal of Agromedicine
4. International Journal of Engineering Technology and Sciences (IJETS)
5. Life Sciences, Medicine and Biomedicine
6. 4th International Conference on Recent Advances in Automotive Engineering & Mobility Research (ReCAR2017) in Malaysian Journal of Public Health Medicine (MJPHM)
7. Malaysian Journal of Medical and Health Sciences (MJMHS)
8. 5th International Conference of Southeast Asian Network of Ergonomics Societies (SEANES)
9. Human Factors and Ergonomics Journal (HFEJ)
10. Indonesian Journal of Occupational Safety and Health
11. ACED-SEANES 2020: Joint Conference of the Asian Council on Ergonomics and Design (ACED) and Southeast Asian Network of Ergonomics Societies (SEANES)
12. 21st Triennial Congress of the International Ergonomics Association

I. RESEARCH PROJECT *(Research Project)*

<i>Project No.</i>	<i>Project Title (Amount)</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
04-04-11-1489RU	The Integrated Ergonomics Approach of Agricultural Sustainability in Malaysia (RM15,000)	Co-researcher	2011	UPM – RMC (RUGS)	Completed
04-01-12-1620RU	Occupational Ergonomics Injuries and Diseases of Agricultural Workers in Malaysia (RM32,000)	Co-researcher	2012	UPM – RMC (RUGS)	Completed
06-01-04-SF1539	The Integrated Ergonomics Approach in Reducing Musculoskeletal Disorders among Harvesters in Oil Palm Plantation (RM277,000)	Co-researcher	2012	MOSTI (Sciencefund)	Completed
(Ref: FRGS/1/2015/SKK06/UPM/02/10)	Developing new personal protective devices using ergonomics principles in improving Occupational Safety and Health practices among oil palm plantation workers in Malaysia. (RM147,000)	Co-researcher	2016	FRGS	Completed
Private (UPM Holdings)	Development of the National Occupational Safety and Health Profile, Malaysia (RM564,540)	Co-researcher	2016	Dept. of Occupational Safety and Health, MoHR	Completed

I. RESEARCH PROJECT <i>(Research Project)</i>					
<i>Project No.</i>	<i>Project Title (Amount)</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
<i>Ref: UPM/700-2/1/GP-IPM/2017/9519100</i>	Determining the Immunological Response of Radiation Workers from Exposure Towards Occupational Low Dose Radiation (RM60,000)	Primary Investigator	2017	UPM	Completed
<i>Ref: UPM/700-2/1/GP-IPS/2017/9519700</i>	Determining the Genotoxicity Effect of Radiation Workers from Exposure Towards Occupational Low Dose Radiation (RM20,000)	Primary Investigator	2017	UPM	Completed
<i>Ref: UPM/700-2/1/GP-IPS/2017/9638800</i>	Comparison of Occupational Safety and Health Problems Among Secondary Schools Teachers in Malaysia (RM14,000)	Primary Investigator	2017	UPM	Completed
<i>Ref: UPM/700-2/1/GP-IPS/2017/9540900</i>	Flood Preparedness Index for Small and Medium Enterprises (SMEs) Malaysia (RM22,118.90)	Primary Investigator	2017	UPM	Completed
<i>Private (MOA)</i>	Smoking Cessation and Tobacco Harm Reduction (RM117,550)	Co-researcher	2019	Frost and Sullivan	Completed
<i>Ref: UPM.RMC.800-3/3/1/GP/2020/9693200</i>	Maximum Acceptable Weight Limit for Lifting and Lowering Tasks Among Malaysian Population (RM50,000)	Primary Investigator	2021	UPM	On-going
<i>Private (UPMHoldings)</i>	Comprehensive Integration of Industrial Hygiene Enforcement Through Macroergonomic Enforcement Including Ergonomic Through Design, Human Error Engineering, Environmental Risk Factor And Physical Risk Factor (RM500,000)	Co-investigator	2021	Department of Occupational Safety and Health (DOSH)	On-going

J. INVOLVEMENT IN PROFESSIONAL BODIES, COMMUNITY, ETC. <i>(Penglibatan)</i>			
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>
Human Factor and Ergonomics Society of Malaysia	Treasurer	2013	2015
	Vice President	2015	2019
	President	2019	2023
Malaysian Industrial Hygiene Association	Member	2008	Current
International Ergonomics Association <i>(Technical Committee for Building and Construction)</i>	Co-Chair	2018	Current
Sunway Construction Group Berhad High Level ESH Council	Member	2019	2021