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Academic Qualification

2016	Universiti Malaya (UM), Faculty of Mechanical, Kuala Lumpur PhD (Ergonomics) Graduated June 2016
2006	Universiti Sains Malaysia (USM), Transkerian, Pulau Pinang Masters of Science Graduated 2006
2003	Universiti Sains Malaysia (USM), Transkerian, Pulau Pinang Degree in Industrial Technology Graduated 2003

Brief Profile

Nurul Shahida is a Senior Lecturer in the Faculty of Mechanical Engineering, Universiti Malaysia Pahang. She is a member of Human Engineering Focus Group (W: www.heg.ump.edu.my). Her research and teaching activities have focused on issues of design of workplace ergonomics as these affect the health, comfort and productivity of workers. Her research themes include workstation design and Work-Related Musculoskeletal Disorders (WMSDs), the performance and health effects of postural strain, and the health and comfort impacts of various environmental stressors, such as the effects of occupational noise and vibration on sick building syndrome complaints among office workers, and the effects of office lighting on eyestrain problems among computer workers. She graduated from University of Malaya in 2016.

Expert Area

Ergonomics, Human Engineering

Research Interest

Workstation design and Work-Related Musculoskeletal Disorders (WMSDs), Performance and health effects of postural strain, Occupational noise, Occupational vibration, Human anthropometry

Research Project/ Grant

1. "Ergonomics Study on Musculoskeletal Disorders (MSDs) Related Problems among Workers in Electronics Assembly Line" as Researcher, Internal Grant (RDU) amount: RM 26,000.00, RDU160386, (25 June 2016 ~ 24 June 2018) (Status: Completed).
2. "Embedded Ergonomics in Design for Assembly of Automotive Body Sub-Components" as Researcher, Internal Grant (RDU) amount: RM 25,750.00, RDU160305, (05 April 2016 ~ 04 April 2018) (Status: Completed).

3. "Development of Knowledge Based Ergonomics Assessment System at Workplace in Automotive Assembly Plan" as Researcher, Internal Grant (RDU) amount: RM 21,500.00, RDU160390, (25 June 2016 ~ 24 June 2018) (Status: Completed).
4. "Normative Anthropometric Measures and Static Grip Strength of Population of Pahang: Utilization for Hand-Held Product Design" as Project Leader, Internal Grant (RDU) amount: RM 23,000.00, RDU160345, (25 May 2016 ~ 24 May 2018) (Status: Completed).
5. "Development of Ergonomics Computer Work Station for Disable and Elderly" as Researcher, Internal Grant (RDU) amount: RM 5,000.00, RDU151111, (01 September 2015 ~ 31 August 2016) (Status: Completed).
6. "A Study on Physical and Cognitive Response for Asymmetric Lifting/ Lowering Task in Assembly Lines: An Automotive Industrial Application" as Project Leader, Internal Grant (RDU) amount: RM 30,500.00, RDU180388, (25 April 2018 ~ 24 April 2020) (Status: Ongoing).

Publications

1. Mohd Shalahim, N.S., Home-Related Injuries in Older Persons in Developing Countries: A Systematic Review, Proceeding National Conference for Postgraduate Research (NCON-PGR 2012), Pahang, Malaysia, 2012.
2. Mohd Shalahim, N.S., Md Dawal, S.Z., Keith, C., Relationship between Anthropometry Dimensions and Muscle Strength in Older Malaysian People, Proceeding International Research Conference on Engineering and Technology (IRCET 2014), Bali, Indonesia, 2014.
3. Mohd Shalahim, N.S., Md Dawal, S.Z., Keith, C., Anthropometry Dimensions and Muscle Strength in Older Malaysian People: A Correlation Study, Proceeding International Journal of Emerging Technology and Advanced Engineering (IJETAE 2014), New Delhi, India, 2014.
4. Mohd Shalahim, N.S., Md Dawal, S.Z., Keith, C., Anthropometry Dimensions and Muscle Strength in Older Malaysian People: An Ergonomic View, Proceeding International Journal Conference on Materials, Mechatronics, Manufacturing and Mechanical Engineering (ICMMMM 2014), Kuching, Malaysia, 2014.
5. Mohd Shalahim, N.S., Md Dawal, S.Z., Keith, C., Relationship of anthropometric and hand grip strength between older Malaysian people, Asian Journal of Engineering and Technology, 2014 (under review)
6. Dawal, S. Z. M., Ismail, Z., Yusuf, K., Abdul-Rashid, S. H., Shalahim, N. S. M., Abdullah, N. S., & Kamil, N. S. M. (2015). Determination of the significant anthropometry dimensions for user-friendly designs of domestic furniture and appliances—Experience from a study in Malaysia. *Measurement*, 59, 205-215. (Published)
7. Mohd Shalahim, N.S., Md Dawal, S.Z., Mohd Kamil, N.S., Rahman, N.I.A., Comparison of anthropometric and grip strength between adult and older population, Journal of AGE, 2014 (submitted, SCI-ISI index)
8. Mohd Shalahim, N.S., Md Dawal, S.Z., A Correlation Study on Anthropometric and Muscle Strength among Older People in Malaysia, Journal of Applied Ergonomics, 2014 (submitted, SCI-ISI index)

List of Books/ Modules

1. Industrial Engineering, Penerbit UMP (2018). Ahmad Nasser Mohd Rose, Siti Haryani Tomadi, **Nurul Shahida Mohd Shalahim**