

# MOHD SHUKRI BIN MOHD. ARIS



- KULLIYAH OF SCIENCE
- IIUM Kuantan Campus
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## ACADEMIC QUALIFICATION

- Doctor of Philosophy (Environment Science - Indoor Air Quality and Public Health)
- Master of Community Health Science (Environmental Health)
- Bachelor of Biomedical Sciences

## TEACHING RESPONSIBILITIES

BASIC HAEMATOLOGY	2012/2013
BIOSTATISTICS	2006/2007 2014/2015
COMPUTER AIDED DRUG DESIGN	2007/2008
ENVIRONMENTAL HEALTH	2006/2007 2007/2008 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
ENVIRONMENTAL LAWS AND POLICIES	2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
ENVIRONMENTAL TOXICOLOGY	2012/2013 2014/2015
ENVIRONMENTAL TOXICOLOGY/ POLLUTION	2016/2017 2017/2018 2018/2019 2019/2020
ENVIRONMENTAL TOXICOLOGY/POLLUTION	2014/2015 2015/2016
HEALTH RISK ASSESSMENT	2007/2008 2015/2016
HERBAL MEDICINE	2007/2008
INDUSTRIAL HYGIENE	2014/2015 2016/2017 2018/2019 2019/2020
OCCUPATIONAL HEALTH	2007/2008 2012/2013 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
OCCUPATIONAL SAFETY	2007/2008 2012/2013 2015/2016
PARASITOLOGY AND ENTOMOLOGY	2007/2008
PRINCIPLES OF EPIDEMIOLOGY	2007/2008
RADIOBIOLOGY	2007/2008

TOXICOLOGY	2012/2013
WASTE MANAGEMENT	2014/2015

## RESEARCH PROJECTS

### In Progress

<b>2019 - Present</b>	KAJIAN PENDEDAHAN DAN RISIKO KESIHATAN: ASBESTOS TERAMPAI SEMASA PENYELENGGARAAN KENDERAAN DAN JENTERA BERAT
<b>2019 - Present</b>	KAJIAN PENSAMPELAN DAN KAEDAH ANALISIS UNTUK NANOPARTIKEL
<b>2018 - Present</b>	Environmental DNA Metabarcoding of Fishes in Balok River Kuantan, Pahang
<b>2018 - Present</b>	Systemic Approach on the Book of Life: Methods, Theories and Implications
<b>2016 - Present</b>	Bacteria Identification From Food Waste Composting
<b>2016 - Present</b>	An Assessment of Ambient Airborne Particulate Matter(PM) Emissions At Construction Site In Selangor and its application to AERMOD model
<b>2016 - Present</b>	Immunological, Histopathological and Gene Expression Changes Induced by Flax Seed Extract during Wound Healing Process
<b>2016 - Present</b>	Accumulation of rare earth elements (REEs) in Pistia stratiotes (water lettuce) and Oreochromis niloticus (tilapia) in REEs industrial wastewater system.
<b>2014 - Present</b>	Development of In-Vitro Oxidative Potential Assessment Model for Indoor and Outdoor Airborne Particulate Matter (PM) within an Industrial Area

### Completed

<b>2016 - 2018</b>	Bacteria Identification From Food Waste Composting
<b>2016 - -1</b>	Accumulation of rare earth elements (REEs) in Pistia stratiotes (water lettuce) and Oreochromis niloticus (tilapia) in REEs industrial wastewater system.
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<b>2016 - 2019</b>	Immunological, Histopathological and Gene Expression Changes Induced by Flax Seed Extract during Wound Healing Process
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<b>2016 - 2019</b>	An Assessment of Ambient Airborne Particulate Matter(PM) Emissions At Construction Site In Selangor and its application to AERMOD model

- 2014 - 2018** Development of In-Vitro Oxidative Potential Assessment Model for Indoor and Outdoor Airborne Particulate Matter (PM) within an Industrial Area
- 2014 - 2018** Indoor Air Quality in Urban Child Care Institution (Nurseries & Kindergarten): The Characterization of Particulate Matter (PM) and Its Relation to Airborne Enteric Microorganisms
- 2014 - 2016** Airborne Particulate Matters And Microorganisms In Library: An Introduction Of Disinfection Method Towards Safe And Health Indoor Environment

## PUBLICATIONS

### Article

- 2019** [Study of relationship between water quality parameters, selective heavy metals and radioactive elements content in rivers at Gebeng, Kuantan, Pahang, Malaysia.](#) Asian Journal of Chemistry , 31 (2) pp.433-437
- 2018** [Indoor air quality \(IAQ\) characteristics and its microbial community identifications at two selected schools in Pahang, Malaysia: a preliminary study.](#) Asian Journal Agriculture & Biology , 6 (Special Issue 2018) pp.88-96
- 2018** [Association of particulate matter \(PM\) with respiratory symptoms among children in selected primary schools in Pahang.](#) Journal CleanWAS , 1 (2) pp.11-15
- 2017** [Composition and source determination of heavy metals \(HM\) in particles in selected primary schools in Pahang.](#) ESTEEM Academic Journal , 13 (Special Issue) pp.176-184
- 2017** [Indoor airborne bacteria and fungi at different background area in nurseries and day care centres environments.](#) Journal CleanWAS , 1 (1) pp.35-38
- 2017** [Indoor air quality assessment in selected child care institutions \(nurseries and kindergarten\) at Kuantan, Pahang: The implication of occupancy on IAQ.](#) Journal of Built Environment, Technology and Engineering , 2 pp.175-181
- 2017** [Occupancy implications on indoor air quality \(IAQ\) in selected primary school classrooms around Kuantan, Pahang.](#) Malaysian Journal of Public Health Medicine , Special Volume 1 pp.95-105
- 2017** [Investigation of antioxidant and antimicrobial activity of zingiber officinale roscoe oleosin on airborne pathogenic microorganisms.](#) ESTEEM Academic Journal , 13 ((Special Issue)) pp.35-44
- 2016** [An assessment of surface water quality and heavy metals involving the rare earth elements in Sungai Tunggak and Sungai Balok, Gebeng, Kuantan, Pahang.](#) Journal of Malaysian Critical Metals , 1 pp.11-23
- 2016** [An assessment of surface water quality and heavy metals involving the radioactive elements in Sungai Tunggak and Sungai Balok, Gebeng, Kuantan, Pahang: comparison between year 2014 and 2015.](#) International Journal of Applied Chemistry , 12 (1) pp.146-151

- 2015** [Indoor microbial contamination and its relation to physical indoor air quality \(IAQ\) characteristics at different laboratory conditions.](#) Jurnal Teknologi , 77 (24) pp.39-44
- 2015** [Indoor microbial contamination and its relation to physical indoor air quality characteristics at selected libraries in pahang.](#) Jurnal Teknologi , 77 (24) pp.51-56
- 2015** [Indoor microbial contamination through water mist aerosol at public restaurants.](#) Jurnal Teknologi , 77 (24) pp.45-50
- 2008** [Factors influencing level of knowledge on noise pollution and it's effects on physiological and psychological health of community in, Kuala Lumpur, 2006.](#) Journal of Community Health , 14 (1) pp.99

#### **Conference or Workshop Item**

- 2016** [Indoor Air Auality \(IAQ\) characteristics and microbial identific ations in two selected schools in Pahang, Malaysia.](#) In: **International Conference on Environmental & Occupational Health (ICEOH 2016)**
- 2016** [Study on solid waste generation and composition at balakong city, selangor.](#) In: **IDR Annual Research Seminar**
- 2016** [Risk & prevention: building characteristics and occupancy implications on Indoor Air Quality \(IAQ\) in selected day care nursery and primary school in Pahang.](#) In: **Seminar Penyelidikan Tahunan IDR Ketiga 2016 Dan Pangkor Dialogue Expos Tahun 2016**
- 2015** [Smart system for real rime optimization of solid waste management in Malaysia .](#) In: **2015 International Conference of Clean Water, Air & Soil**
- 2015** [An assessment of surface water quality and heavy metals involving the rare earth elements in Sungai Tunggak and Sungai Balok, Gebeng, Kuantan, Pahang.](#) In: **Conference on Malaysia's Rare Earth: From R&D to Production 2015**
- 2015** [An assessment of oxidative potential of indoor/outdoor airborne particulate matter at roadside and urban background sites in London.](#) In: **2015 International Conference of Clean Water, Air & Soil**
- 2011** [Transport of nitrogen dioxide \(NO2\) and particulate matter \(PM\) into a mechanically ventilated office building adjacent to a busy road.](#) In: **2011 Annual UK Review Meeting on Outdoor and Indoor Air Pollution Research**
- 2011** [An assessment of indoor air quality in two contrasting buildings in London.](#) In: **Analytical & Environmental Sciences Division, Postgraduate Research Symposium**
- 2010** [Meteorological condition and building effects on indoor/outdoor \(I/O\) air quality in London.](#) In: **2010 Annual UK Review Meeting on Outdoor and Indoor Air Pollution Research**
- 2010** [Mas cotek \(Ficus Deltoidea Jack\) as possible supplement for type II diabetes: a pilot study.](#) In: **12th Medicinal And Aromatic Plants Seminar (MAPS 2010)**
- 2009** [Establishment of the London indoor air quality network.](#) In: **Twelfth Annual UK Review Meeting on Outdoor and Indoor Air Pollution Research**

#### **Book Book Section**

**2015** [Masyarakat dan alam sekitar.](#) In: **Meneroka Interaksi Dinamik dalam Kesihatan Persekitaran Himpunan Siri Kajian di Malaysia** Fakulti Perubatan dan Sains Kesihatan, UPM . ISBN 978-983-2408-29-1 , pp.8-13