

# CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI <i>(Personal Details)</i>				
Nama Penuh <i>(Full Name)</i>	<b>Emilia Zainal Abidin</b>		Gelaran <i>(Title)</i> : <b>Dr</b>	
Warganegara <i>(Citizenship)</i>	<b>Malaysian</b>	Bangsa <i>(Race)</i>	Jantina <i>(Gender)</i>	
		<b>Malay</b>	<b>Female</b>	
Jawatan <i>(Designation)</i>	<b>Senior Lecturer</b>			
Jabatan/Fakulti <i>(Department/Faculty)</i>	E-mel dan URL <i>(E-mail Address and URL)</i>			
<b>Department of Environmental and Occupational Health, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia 43400 Serdang, Selangor Darul Ehsan, Malaysia.</b>		E-mail: <a href="mailto:za_emilia@upm.edu.my">za_emilia@upm.edu.my</a>		
Tel: + 603 8947 2643 Fax: +603 8947 2395		URL: <a href="http://profile.upm.edu.my/za_emilia">http://profile.upm.edu.my/za_emilia</a>		
B. KELAYAKAN AKADEMIK <i>(Academic Qualification)</i>				
Nama Sijil / Kelayakan <i>(Certificate / Qualification obtained)</i>	Nama Sekolah Institusi <i>(Name of School / Institution)</i>	Tahun <i>(Year obtained)</i>	Bidang pengkhususan <i>(Area of Specialization)</i>	
<b>PhD (Environmental Medicine)</b>	University of Aberdeen, United Kingdom	April 2012	Indoor air and Health	
<b>Master of Community Health Science</b>	Universiti Kebangsaan Malaysia	2006	Occupational Health	
<b>BSc. Biochemistry</b>	Universiti Kebangsaan Malaysia	2003	Molecular biology	
<b>Occupational Safety and Health Management System Lead Auditor Module</b>	NIOSH Malaysia	2014	Occupational Safety and Health Management System MS1722:2011 and OHSAS18001:2007	
C. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN <i>(Scientific experience and Specialisation)</i>				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
i. Scottish Centre of Indoor Air, University of Aberdeen	Member	2008	2012	Indoor air and evaluation of secondhand smoke exposure
ii. University of Aberdeen	PhD student/ Researcher	2008	2012	Asthma and allergy and second hand smoke exposures

iii.	Department of Public Health, Faculty of Medicine, Hospital Universiti Kebangsaan Malaysia	MSc student/ Researcher	2005	2006	among children in Malaysia Stress and the Use of Coping Strategies
iv.	Niosh Certification Malaysia	Passed Part I of II for competency as Indoor Air Quality Assessor (2014)	2014	-	Indoor Air Quality Assessor

#### D. PEKERJAAN (Employment)

Majikan / Employer	Jawatan / Designation	Jabatan / Department	Tarikh lantikan / Start Date	Tarikh tamat / Date Ended
Faculty of Medicine and Health Sciences, Universiti Putra Malaysia	Senior Lecturer	Department of Environmental and Occupational Health	April 2012	Present
Faculty of Medicine and Health Sciences, Universiti Putra Malaysia	Tutor in the unit of Environmental Health	Department of Community Health	2007	April, 2012
Universiti Kebangsaan Malaysia	Research Assistant in Occupational Health project	Department of Public Health, Faculty of Medicine UKM	2006	2007

#### E. ANUGERAH DAN HADIAH (Honours and Awards)

Name of awards	Title	Award Authority	Award Type	Year
Academic Awards	1. Small Grant Fund	- University of Aberdeen, UK	Travelling grant – International	2009
	2. Travel Scholarship to Abu Dhabi	- International Union Against Tuberculosis and Lung Disease, France	International	2015
	3. Excellent Service Award 2014	- Universiti Putra Malaysia	National	2015
	4. Best Researcher (3 <sup>rd</sup> place) – Faculty Excellence Week	- Faculty of Medicine and Health Sciences, Universiti Putra Malaysia	Faculty level	2015
Non-Academic Awards				
Awards of Merit				

#### F. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published)

Journal	Publications
	<ol style="list-style-type: none"> <li>Aziemah Zulkifli, <b>Emilia Zainal Abidin</b>, Najihah Zainol Abidin, Amer Siddiq Amer Nordin, Sarva Mangala Praveena, Sharifah Norkhadajah Syed Ismail, Irniza Rasdi, Karmegam Karuppiah, Anita Abd Rahman. (2016) Electronic Cigarette: A systematic review of available studies on Health Risk Assessment. Accepted for publication in Reviews on Environmental Health on 10/02/16. (Scopus-indexed)</li> <li>Nur Afiqah Amaran, <b>Emilia Zainal Abidin</b>, and Irniza Rasdi (2016) Respiratory Health Symptoms And Lung Function Among Roadside Hawkers In Serdang And Its Association With Traffic-Related Exposures. <i>Iranian Journal of Public Health</i>. Accepted for publication. (Q4, IF: 0.576)</li> </ol>

3. Nur Farahwahida Mohd Anuar, Irniza Rasdi, Suhainizam M Saliluddin, **Emilia Zainal Abidin (2016)** Work Task and Job Satisfaction Predicting Low Back Pain among Secondary School Teachers in Putrajaya. *Iranian Journal of Public Health*. Accepted for publication. (Q4, IF: 0.576)
4. Najihah Zainol Abidin, Aziemah Zulkifli, Emilia Zainal Abidin (2016) Smoke-Free Legislation in Malaysia: A comprehensive review. *Asia Pacific Environmental and Occupational Health Journal*. Accepted for publication. (Google Scholar)
5. Aida Soraya Shamsuddin, Sharifah Norkhadijah Syed Ismail, **Emilia Zainal Abidin**, Ho Yu Bin, Hafizan Juahir (2016) Contamination Of Nitrate In Groundwater and Evaluation of Health Risk In Bachok, Kelantan: A Cross-Sectional Study. *American Journal of Applied Sciences* 13 (1): 80-90 (DOI: 10.3844/ajassp.2016.80.90) (Scopus-indexed)
6. Ayuni Nabilah Alias, Karmegam Karuppiah, Shamsul Bahri Mohd Tamrin, **Emilia Zainal Abidin**, Umi Kalsom Mohd Shafiei (2015) A systematic review of intervention to reduce musculoskeletal disorders: hand and arm disorders. *Jurnal Teknologi*. 77(27): 105–111 (Scopus-indexed)
7. Ahmad Farhan AF, Suriani I, Hejar AR, **Zainal Abidin E**, SM Saliluddin (2015) The Association Between Nicotine Dependence And Smoking Practices Among Malay Male Smokers Working In Selangor Municipalities. *International Journal of Public Health and Clinical Sciences*. 2 (4): 17-28 (Google Scholar)
8. Suriani I, Ahmad Farhan A, Hejar Abdul Rahman, **Abidin E.Z.**, S.M. Saliluddin. (2015) Factor associated with intention to quit smoking and needing help to quit smoking among 112 Malay male current smokers. *International Journal of Public Health and Clinical Sciences*. 2 (5): 79-87 (Google Scholar)
9. Amanah, SNA, Zainal Abidin, E, Abdul Rahman, A, Syed Ismail SN, Praveena SM (2015) Heavy metals (Pb and Cu) assessments in hair samples of goldsmiths in Kelantan, Malaysia. *Asia Pacific Environmental and Occupational Health Journal*. 1(1): 1-8.
10. Nurulain MU, Sharifah Norkhadijah SI, **Zainal Abidin E**, Vivien H. (2015) Dermal Exposure and Health Risk Assessment of Pesticide Use in Palm Oil Plantation in Malaysia: A Concept Paper. *Asia Pacific Environmental and Occupational Health Journal*. 1(1): 15-22.
11. Nuaim Razak, Irniza Rasdi, **Emilia Zainal Abidin**, Sharifah Norkhadijah Syed Ismail (2015) The relationship between noise with stress and sleep disturbances among manufacturing workers. *Asia Pacific Environmental and Occupational Health Journal*. 1(1): 9-14.
12. Irniza R, Nor Shamimi M, Abidin EZ. (2015) Risk factors of anxiety and work absenteeism among industrial workers in Selangor. *International Journal of Public Health and Clinical Sciences*. 2 (3): 122-132. (Google Scholar)
13. Sharifah Norkhadijah SI, Nurizzati Y, Sarva Mangala P, **Abidin, EZ**, Dora EJ. (2015) Association between living near to a non-sanitary landfill, fingernail cadmium level and health symptoms among children in Nilai. *International Journal of Public Health and Clinical Sciences*. 2 (3): 105-121. (Google Scholar)
14. Nurul Atikah Rohizan, Emilia Zainal Abidin (2015) Assessment On Physical Factors Of Thermal Comfort, Sick Building Syndrome Symptoms And Perception Of Comfort Among Occupants In A Public Research University Laboratory Building. *International Journal of Public Health and Clinical Sciences*. 2 (3): 59-70. (Google Scholar)
15. Zainal Abidin, Emilia, Rasdi, Irniza (2015) Occupational safety and Health management system in Malaysia: comparison between OHSAS 18001:2007 and MS 1722:2011. *International Journal of Public Health and Clinical Sciences*. 2 (3): 23-32. (Google Scholar)
16. Siti Rahmah A. Rahman, Sharifah Norkhadijah Syed Ismail, Muhammad F Ramli, Mohd Talib Latif, **Emilia Zainal Abidin**, Sarva Mangala Praveena. (2015) The Assessment of Ambient Air Pollution Trend in Klang Valley,

	<p>Malaysia. <i>World Environment</i> 2015, 5(1): 1-11 doi: 10.5923/j.env.20150501.01 <b>(Google Scholar)</b></p> <p>17. <u>Sharifah Norkhadijah S. Ismail</u>, Muhammad S. Othman, Dora E. Jamaluddin, Sarva M. Praveena, Ho Y. Bin, <b>Emilia Z. Abidin</b>, Aini Syuhaida A. Wahab, A. Haryati (2015) Assessing Respiratory Inflammation among Children Living Near to Non-sanitary Landfill Using Interleukin-6 (IL-6). <i>Advances in Research</i>, 3 (4) doi:10.9734/AIR/2015/14478 <b>(Google Scholar)</b></p> <p>18. Umi Raihana, A. R., <u>Sharifah Norkhadijah, S. I., Emilia, Z. A.</u>, Praveena, S. M. (2014) Landfill Leachate Toxicity Analysis with <i>Oreochromis mossambicus</i> (Mozambique Tilapia): A Review. <i>International Journal of Sciences: Basic and Applied Research (IJSBAR)</i> 18 (2):198-216. <b>(Google Scholar)</b></p> <p>19. <u>Irniza Rasdi</u>, Nur Izzati Ghazali, <b>Emilia Zainal Abidin</b>, Sharifah Norkhadijah Syed Ismail, Praveena Sarva Mangala (2014) PM2.5 respiratory health risk and IL-6 levels among workers at a modern bus terminal in Kuala Lumpur. <i>International Journal of Public Health and Clinical Sciences</i>, 1 (2): 69-79 <b>(Google Scholar)</b></p> <p>20. Aziemah Zulkifli, Najihah Zainol Abidin, <b>Emilia Zainal Abidin</b>, Irniza Rasdi, Sharifah Norkhadijah Syed Ismail, Anita Abd Rahman, Zailina Hashim, Che Nin Man (2014) Burden of Household Smoking Habits on the Occurrence of Respiratory Symptoms among Malaysian Adolescents. <i>Iranian Journal of Public Health</i>, 43 (3): 42-52 <b>(Q4, IF: 0.576)</b></p> <p>21. Najihah Zainol Abidin, Aziemah Zulkifli, <b>Emilia Zainal Abidin</b>, Irniza Rasdi, Sharifah Norkhadijah Syed Ismail, Anita Abd Rahman, Zailina Hashim (2014) Secondhand smoke exposure in toddlerhood and cognitive ability among Malaysian adolescents. <i>Iranian Journal of Public Health</i>, 43 (3): 131-141 <b>(Q4, IF: 0.576)</b></p> <p>22. Nada Ismail, <b>Anita Abd Rahman</b>, <u>Emilia Zainal Abidin</u> (2014) Organizational factors associated with occupational stress among lecturers in Community Colleges, Peninsular Malaysia. <i>Iranian Journal of Public Health</i>, 43 (3): 125-130 <b>(Q4, IF: 0.576)</b></p> <p>23. Aini Syuhaida Abd Wahab, <u>SharifahNorkhadijah Syed Ismail</u>, <b>Emilia Zainal Abidin</b>, Sarva Mangala Praveena (2014) <i>Neptuniaoleracea</i> (water mimosa) as phytoremediation plant and the risk to human health: A review. <i>Advances in Environmental Biology</i>, 8 (15) ICEOH 2014 <b>(ISI-Indexed)</b></p> <p>24. Aida Soraya Shamsuddin, <u>Sharifah Norkhadijah Syed Ismail</u>, Shahrudin Mohd Sham, <b>Emilia Zainal Abidin</b> (2014) Nitrate in Groundwater and Excretion of Nitrate and Nitrosamines in Urine: A Review. <i>International Journal of Sciences: Basic and Applied Research</i>, 15 (2): 176-191 <b>(Google Scholar)</b></p> <p>25. <u>Sharifah Norkhadijah Binti Syed Ismail</u>, Hajar Mariah Hashim, Irniza Rasdi, <b>Emilia Zainal Abidin</b> (2014) Commitment, attitude and behavioural changes of the community towards a waste segregation program: A case study of Malaysia. <i>WIT Transactions on Ecology and the Environment</i>, 180: 137-148 <b>(Scopus-Indexed)</b></p> <p>26. Aziemah Zulkifli, Najihah Zainol Abidin, <b>Emilia Zainal Abidin</b>, Sharifah Norkhadijah Binti Syed Ismail, Irniza Rasdi, Anita Abd Rahman, Zailina Hashim, Sean Semple (2014) Respiratory symptoms among adolescents, Secondhand Smoke Exposure and Smoke-Free Legislation in Malaysia. <i>Asian Pacific Journal of Cancer Prevention</i>, 15 (12): 4815-4821 <b>(Q4, IF: 1.500)</b></p> <p>27. <u>Irniza Rasdi</u>, <b>Emilia Zainal Abidin</b>, Suhainizam Muhamad Saliluddin, Ahmad Shahrul Nizam Isha (2014) Psychometric Properties of the Malay-version Police Stress Questionnaire (PSQ). <i>Malays J Med Sci</i>. Jul-Aug 2014; 21(4):42-50 <b>(Scopus-Indexed)</b></p> <p>28. Najihah Zainol Abidin, Aziemah Zulkifli, <b>Emilia Zainal Abidin</b>, Irniza Rasdi, Sharifah Norkhadijah Syed Ismail, Anita Abd Rahman, Zailina Hashim, Sean Semple (2014) Knowledge, Attitude and Perception of Secondhand Smoke and Factors Promoting Smoking Among Malaysian Adolescents. <i>International Journal of Tuberculosis and Lung Disease</i>, 18 (7): 856-861 <b>(Q2, IF: 2.756)</b></p>
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	<p>29. <b>Emilia Zainal Abidin</b>, Sean Semple, Irniza Rasdi, Sharifah Norkhadijah Syed Ismail and Jon G Ayres (2014) The relationship between air pollution and asthma in Malaysian schoolchildren. <i>Published online first in Air Quality Atmosphere and Health</i> doi.org/10.1007/s11869-014-0252-0 (Q3, IF: 1.455)</p> <p>30. Sarva Mangala Praveena, Sarah Abdul Mutalib, Nurul Hafiza Razak, <b>Emilia Zainal Abidin</b> and Ahmad Zaharin Aris (2014) Health risk assessment of heavy metal exposure to classroom dust in primary school, Serdang (Malaysia). <i>From Sources to Solution</i>. Page 83-87. doi.org/10.1007/978-981-4560-70-2_16_</p> <p>31. <b>Emilia Zainal Abidin</b>, Sean Semple and Zailina Hashim (2013) A Survey On Environmental Tobacco Smoke In Hospitality Venues: 8 Years On From The Implementation Of Partial Smoke-Free Legislation. <i>Asian Pacific Journal of Cancer Prevention</i>. 14 (11): 6845-6850 (Q4, IF: 1.271) doi.org/10.7314/APJCP.2013.14.11.6845</p> <p>32. <b>Emilia Zainal Abidin</b>, Sean Semple, Affandi Omar, Hejar Abdul Rahman, Stephen W Turner and Jon G Ayres (2011) A survey of schoolchildren's exposure to secondhand smoke in Malaysia. <i>BMC Public Health</i>; 11: 634. doi: 10.1186/1471-2458-11-634 (Q2, IF: 2.076)</p> <p>33. <b>Emilia Zainal Abidin</b> and Noor Hassim Ismail (2007) Work-related stress and coping: a survey on medical and surgical nurses in a Malaysian teaching hospital. <i>Jurnal Kesihatan Masyarakat</i>. 13:1, 55-66.</p> <p>34. Sirajuddin Hashim, <b>Emilia Zainal Abidin</b>, <b>Noor Hassim Ismail</b> (2005) A study on compliance of personal protective equipments among workers in a steel factory in Terengganu Darul Iman, Malaysia. <i>Jurnal Kesihatan Masyarakat</i> 11, 65-75.</p>
Books/Monographs	<p>1. Noor Hassim Ismail, <b>Emilia Zainal Abidin</b> (2014). <i>Kesihatan di tempat Kerja (Health at the Workplace)</i> Dewan Bahasa dan Pustaka Publications (ISBN 978-983-46-1198-9)</p> <p>2. Irniza Rasdi, <b>Emilia Zainal Abidin</b>, Sharifah Norkhadijah Syed Ismail, Aidalina Mahmod, Mohd Suhainizam Saliluddin (2015) <i>Mind Map: Control and Management of Infectious Diseases</i>. (ISBN 9789671304907).</p>
Chapter in book	<p>1. <b>Sharifah Norkhadijah</b>, Sarva Mangala Praveena, <b>Emilia Zainal Abidin</b>, Irniza Rasdi (2014) PhD dan Saya. <i>Antara cita dan air mata (ISBN 978-967-12680-0-1)</i></p> <p>2. <b>Emilia Zainal Abidin</b> (2015) Penggunaan Penanda Biologi Dalam Kajian Kesihatan Persekitaran in Meneroka interaksi dinamik dalam kesihatan persekitaran: Himpunan siri kajian di Malaysia. (Eds. Sharifah Norkhadijah Syed Ismail, Mohd Armi Abu Samah). (ISBN 978-983-2408-29-1)</p>
Proceedings	<p>1. Aziemah Zulkifli, Najihah Zainol Abidin, <b>Emilia Zainal Abidin</b>, Zailina Hashim, Anita Abdul Rahman, Sean Semple, (2015), Independent link between attitude and perception of adolescents towards smoking and home smoking restriction in Malaysia. 16<sup>th</sup> World Conference on Tobacco or Health, Abu Dhabi, 17<sup>th</sup> March 2105 to 22<sup>nd</sup> March 2015.</p> <p>2. Najihah Zainol Abidin, Aziemah Zulkifli, Zailina Hashim, Anita Abdul Rahman, Sean Semple, <b>Emilia Zainal Abidin</b> (2014) Knowledge, attitude and perception on environmental tobacco smoke (ETS) exposure and risk factors of smoking attempts among adolescents in two states in Malaysia. 6<sup>th</sup> European Conference Tobacco or Health. Istanbul, Turkey on 26<sup>th</sup> to 29<sup>th</sup> of March 2014.</p> <p>3. <b>Sean Semple</b>, <b>Emilia Zainal Abidin</b> (2013) Measuring exposure to second-hand smoke in the home and car: UK, Ireland and Malaysia. <i>The International Journal of Tuberculosis and Lung Disease</i>; 17 (12) Supplement 2:S11. (Q2, IF: 2.610)</p> <p>4. <b>Irniza Rasdi</b>, <b>Emilia Zainal Abidin</b> (2013) Psychosocial, Physical Factors and Work Absenteeism among Malaysian Police Officers. Asia Pacific Symposium on Safety, 17 – 18 October 2013, Singapore.</p> <p>5. Nur Izzati Ghazali, <b>Irniza Rasdi</b>, <b>Emilia Zainal Abidin</b> (2013) Respiratory Health Risk among workers at a new bus terminal in Kuala Lumpur. 3rd national health promotion conference. 8th to 10th October 2013. Kuala Lumpur</p>

	<p>6. Nurfatin Athirah Malik, <b>Emilia Zainal Abidin</b>, Irniza Rasdi (2013) Exposure to carbon black and PM2.5 and its relationship with respiratory health of workers in a printing industry in Selangor. 3<sup>rd</sup> International Public Health Conference. 28<sup>th</sup> to 29<sup>th</sup> August 2013. Sarawak.</p> <p>7. <b>Emilia Zainal Abidin</b> and Sean Semple (2012) Exposure to SHS in indoor public spaces in Malaysia: Post-implementation of Smoke-Free Legislation. In the 9<sup>th</sup> IOHA International Scientific Conference. Kuala Lumpur 16<sup>th</sup>-20<sup>th</sup> September 2012.</p> <p>8. <b>Emilia Zainal Abidin</b>, Sean Semple, Affandi Omar, Hejar Abdul Rahman, Stephen W Turner &amp; Jon G Ayres (2011) 5<sup>th</sup> European Conference Tobacco or Health. Malaysian Schoolchildren's exposure to secondhand smoke and its association with asthma symptoms. 28-30 March 2011, Amsterdam, the Netherlands.</p>
<i>Other publications</i>	1. <b>Emilia Zainal Abidin</b> , Shamsul Bahri Haji Mohd Tamrin, Karmegam Karruppiah, Irniza Rasdi (2013) Occupational Health Learning Module. Penerbit UPM Education and Training. Serdang, Selangor.
<i>Computer software</i>	-

### G. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)

<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
GP-IPS/2015/9466400	Evaluation of blood cholinesterase depression, genetic damage in buccal cells due to organophosphate and carbamate exposure among cocoa farmers in Pahang	<b>Project leader</b>	2015	Geran Universiti Putra Malaysia 2015 RM20,000	On-going
FRGS Banjir	Participatory approach of training and awareness program on emergency response to develop community-based preparation, response and recovery team to build a resilient community	Co-researcher	April 2015 to December 2015	Ministry of Education RM80,000	On-going
GP-IPS/2014/9432200	The effectiveness of arm rest prototype on discomfort for motorcyclists during prolong riding process	Co-researcher	July 2014 – 31 December 2015	Geran Universiti Putra Malaysia 2014 RM13,800	Ongoing
FRGS/1/2014/SKK10/UPM/02/10	The Fundamental Health Risk of Electronic cigarettes and vaping: chamber experiment and field study to determine	<b>Project Leader</b>	July 2014 to June 2016	FRGS – RM83,000	Ongoing (July 2014 – June 2016)

	carcinogenic and non-carcinogenic risk				
5524414	An Investigation On Children Pillion Safety In Motorcycle: An Approach Using Hazard Identification, Risk Assessment And Risk Control (HIRARC)	Co-researcher	November 2013 – October 2015	FRGS – RM64,000	Ongoing (Nov 2013 – Oct 2015)
04-02-12-1777RU	Smoke-free Initiative and Salivary cotinine levels among children: A comparative study between Melaka's smoke-free zones and other non-smoke-free districts in N. Sembilan	<b>Project Leader</b> and Main Supervisor to 2 MSc students: 1) Najihah Zainol Abidin 2) Aziemah Zulkifli	September 2012 – July 2014	RUGS Incentive 5 – RM30,000	Completed (Sept 2012 – Jun 2014)
04-02-12-2114RU	Hair cortisol and chronic stress among lecturers in community colleges in Malaysia	Co-researcher	September 2012	RUGS Incentive 5 – RM30,000	Completed (Sept 2012 – Nov 2014)
NA	Assessing exposure to indoor air pollution from biomass cooking fuels and detrmning its association with respiratory health of women and children in Zanzibar	<b>Main researcher</b> and main supervisor to MSc student: 1) Aziza S. Abdul Kadir	January 2012	Universiti Putra Malaysia	Ongoing
GP-IPM/2014/9427300	The effectiveness of a faith based smoking cessation intervention among Muslim smokers	Co-researcher	September 2014	Universiti Putra Malaysia – IPM - RM 17,000	Ongoing
GP-IPM/2014/9436800	Assessing the Level of Occupational Safety Climate to Develop an Occupational Health and Safety Information Kit for Malaysian Traffic Police	Co-researcher	September 2014- August 2016	Universiti Putra Malaysia – IPM - RM 40,000	Ongoing
UPM/HEPA/PA/YPR/1.14.6	Effectiveness of Kiken yochi Behavioural Technique in Reducing musculoskeletal disorder among rubber tappers	Co-researcher	Nov 2014- Nov 2015	Yayasan Pak Rashid RM10,000	Ongoing

<b>1. Subjek yang diajar</b> ( <i>Subjects taught</i> )		
Subjects taught in Universiti Putra Malaysia for the Bachelor of Occupational and Environmental Health		
<ul style="list-style-type: none"> <li>i. Occupational Safety and Health Management System EOH4202</li> <li>ii. Control and Management of Communicable Disease EOH3403</li> <li>iii. Control and Management of Non-Infectious Disease EOH3404</li> <li>iv. Occupational Health EOH3202</li> <li>v. Seminar EOH3000</li> </ul>		
<b>2. Penyertaan expert group dan keanggotaan organisasi saintifik/ professional/ kebangsaan</b> ( <i>Participation in expert group and membership in scientific/ national/ professional organization</i> )		
<i>Kepakaran (Expert group)</i>	<ul style="list-style-type: none"> <li>1) Indoor air quality (in pursuant of IAQ assessor competency, Part II)</li> <li>2) Epidemiology, Tobacco research and child health</li> <li>3) Interest in Occupational Safety and Health Management System Malaysian Standard MS 1722:2011 and Occupational Health and Safety Assessment Series (OHSAS) 18001:2007 (in pursuant of Lead Auditor competency, Module II)</li> </ul>	
<i>Organisasi saintifik/ professional/ Kebangsaan (Scientific/ Professional/ National Organization)</i>	<ul style="list-style-type: none"> <li>i. Malaysian Industrial Hygienist Association (member A0389-14)</li> <li>ii. Malaysian Environmental Epidemiologist Association (member)</li> <li>iii. British Occupational Health and Safety Association (member) since 2014</li> <li>iv. Green Card Holder under CIDB – Registration for Construction Personnel</li> <li>v. Society of Environmental and Occupational Health (Vice Secretary)</li> </ul>	
<b>J. Pelajar siswazah bergraduati</b> ( <i>Graduated postgraduate students</i> )		
<ul style="list-style-type: none"> <li>1. <b>Aziza S. Abdulkadir – MSc. Environmental Health</b> - Assessing exposure to indoor air pollution from biomass cooking fuels and determining its association with respiratory health of women and children in Chukwani, Zanzibar</li> <li>2. <b>Ayuni Nabilah Bt Alias – MSc. Occupational Health</b> - Assessment of musculoskeletal disorder of hands and arms symptoms</li> <li>3. <b>Najihah Zainol Abidin – MSc. Environmental Health</b> - Second hand smoke exposure, its risk and association with cognitive ability among Malaysian adolescents in states practicing and partially practicing-smoke-free legislation</li> <li>4. <b>Aziemah Zulkifli – MSc. Environmental Health</b> - Secondhand smoke exposure and its association with respiratory symptoms among adolescents in comprehensive and partial smoke-free law states, Malaysia</li> <li>5. <b>Nada Ismail – MSc. Occupational Safety and Health</b> - Association of occupational strain with selected associated factors and hair cortisol as its potential biomarker among lecturers in community colleges, peninsular Malaysia</li> <li>6. <b>Ahmad Farham Ahmad Fuad – Master of Public Health</b> – Association between nicotine dependence with smoking behaviour among Malay male smokers in Majlis Perbandaran Subang Jaya and Majlis Perbandaran Sepang</li> </ul>	<b>Graduated in 2016</b>  <b>Graduated in 2016</b>  <b>Graduated in 2015</b>  <b>Graduated in 2015</b>  <b>Graduated in 2015</b>  <b>Graduated in 2015</b>	Chairman  Member of supervisory committee  Chairman  Chairman  Member of supervisory committee  Member of supervisory committee