

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (<i>Personal Details</i>)			
Nama Penuh (<i>Full Name</i>)	JULIANA JALALUDIN	Gelaran (Title): DR	
Warganegara (Citizenship) MALAYSIA	Bangsa (Race) MELAYU	Jantina (Gender) PEREMPUAN	
Jawatan (<i>Designation</i>)	PROFESOR MADYA	Tarikh Lahir (Date of Birth)	7 FEBRUARY 1972

Alamat Semasa (<i>Current Address</i>)	Jabatan/Fakulti (<i>Department/Faculty</i>)	E-mel dan URL (<i>E-mail Address and URL</i>)
No 1 Jalan Budiman 3/3 Taman Putra Budiman 43200 Seri Kembangan Selangor	Department of Environmental and Occupational Health Faculty of Medicine and Health Sciences UPM Tel: 89472401 Fax: 89452395 H/P: 0176834103	E-mail: juliana@putra.upm.edu.my URL: https://upm.academia.edu/JJalaludin https://www.researchgate.net/profile/Juliana_Jalaludin/

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>)
Doctor of Philosophy	Universiti Kebangsaan Malaysia	2004	Environmental Health- Air Quality and Exposure Assessment
Master of Science	Universiti Putra Malaysia	1998	Environmental Health
Bachelor of Science (Hons)	Universiti Putra Malaysia	1995	Community Health

C. KEMAHIRAN BAHASA (<i>Language Proficiency</i>)					
Bahasa / <i>Language</i>	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English				√	
Bahasa Melayu					√
Chinese					
Lain-lain (<i>other</i>):					

D. 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>
Cancer Resource & Education Center (CaRE)	Research Associate	2015	Current	Environmental Health
Academic Advisor for Imperia Institute of Technology	Academic Advisor and Industrial Advisor	2013	Current	Environmental and Occupational Health
Diploma in Environmental Health-SEGi College	External Examiner	2013	Current	Environmental Health
American Degree Programme SEGI College	External Examiner	2012	Current	Environmental
Chairman for Industrial Networking and Industrial Training of Department of Environmental and Occupational Health	Chairperson and Coordinator	2012	Current	Occupational Health
Academic Advisor for Diploma in Environmental Health SEGi Collage	Academic Advisor for Diploma in Environmental Health	2011	Current	Environmental Health
Examiner for Masters Science of Community Health UKM	External Examiner	2007 2014	Current	Environmental Health
Examiner for Masters and PhD Programme	Internal Examiner	2007	Current	Environmental and Occupational Health
Board of Moderator-Examination, DEH SEGi Collage	External Examiner	2010	Current	Environmental Health
Board of Moderator-Examination, ADP SEGi Collage	External Examiner	2010	Current	Environmental Health
Members of The Panel of Programmme Assessors UPM and Auditor for Swa Accerditaion UPM	Panel of Assessors for Master programme	2011	Current	Assessors for Master Programme
Kim Chew Communications	Advisor and Consultant	April 2010	April 2011	Kesihatan Persekitaran-Kualiti Udara Dalam
Nippon Paint(M) Sdn Bhd	Consultant	April 2010	April 2012	Kesihatan Persekitaran-Kualiti Udara Dalam
UPM – Seksyen Keselamatan dan Kesihatan Pekerja dan Pusat Kesihatan Universiti	Panel Expert	2004	2006	Kualiti Udara dan Kesihatan
Head of Environmental Health Unit	Unit Head	2003	2008	Environmental Health
Research Associate- Institute Teknologi Maju, UPM (ITMA)	Research Associate	2003	2005	Air Quality
ResearchAssociate- Institute Gerontology,UPM	Research Associate	2002	2005	Community Health
Committee member of Working Group of ISO MS 9001: 2000-Faculty Medicine & Health	Auditor and Committee member	2002	2006	Internal Auditor

Sciences ,UPM				
Committee in re-structuring of BS (Environmental and Occupational Health) 3-4 years programme	Committee Member	2002	2004	Environmental Health
Working Group of Environmental Risk Management Programme (2001-2003) -JSPS-VCC Program : Environmental Science, Engineering & Ethics	Committee member	2001	2003	Environmental Health

E. PEKERJAAN (Employment)

<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
UPM	Associate Professor	Department of Environmental and Occupational Health	2015	Current
UPM	Senior Lecturer	Jabatan Kesihatan Komuniti	2006	2014
UPM	Lecturer	Jabatan Kesihatan Komuniti	2003	2006
UPM	Tutor	Jabatan Kesihatan Komuniti	1998	2003

F. ANUGERAH DAN HADIAH (Honours and Awards)

<i>No of awards</i>	<i>Name of Award/Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
1	Best Researcher Award- Faculty Medicine and Health Sciences 2015	Faculty of Medicine and Health Sciences-UPM	Faculty Level-UPM	2015
2	Best Paper Award 2014 School's Indoor Air Quality and Respiratory Health Implications among Children. International Conference on Environmental and Biological Sciences 26-27 September 2014, Krabi, Thailand	American Eurasian Network for Scientific Information (AENSI)	International	2014
3	Best Oral Presentation Award-Third Prize FENO as a Biomarker for Respiratory Inflammation among Children in Selangor Second International Health and Environment Conference 2014 Perdana Resort Kota Bharu Kelantan 27-28 August 2014	Centre of Health Sciences Research Universiti Sains Malaysia	International	2014

4	Best Poster Award International Conference on Environmental Forensic (iENFORCE), Marriot Hotel Putrajaya 13-14 Nov 2013	The Environmental Forensics Research Centre (ENFORCE) Faculty of Environmental Studies and Universiti Putra Malaysia	International	2013
5	Best Poster Presenter Award First Prize- Indoor Particulate Matter 2.5(PM2.5) And Lung Function Among Children Living Near Busy Road in Cheras Kuala Lumpur In First International Public Health Conference & Eighteen National Public Health Colloquim 27 th -28 th September 2011 The Legend Hotel Kuala Lumpur	Persatuan Doktor Pakar Awam Collage of Public Health Medicine Academy of Medicine Malaysia	International	2002
6	Best Poster Presentation-First Prize. Indoor Air Quality and Prevalence of Sick Building Syndrome among office workers in 2 different Office in Selangor . Regional Conference on Occupational Health 2011, on 24-25 June 2011-Seri Pacific Hotel Kuala Lumpur Malaysia	Society of Occupational and environmental Medicine Malaysian Medical Association (SOME-MMA) in Collaboration with SOSCO	Regional	2011
7	Best Oral Presentation Award – First Prize Asia Pacific Conference on Risk Management for Preventive Medicine-Crowne Plaza Hotel Kuala Lumpur 20-22 November 2007	NORMS-National Occupational Risk Management Programme	Asia Pacific	2007
8	Best Poster Presentation Award – First Prize <u>Juliana J., Zainudin Z., Salawati Yahya., Nasarudin A.AShamsul Bahri MT., Norela S., Azman ZA., Rozali MO.2005. Indoor Air Quality Inside Buses and Its Implications to Respiratory Health Among Drivers in Klang Valley. Public Health Conference. 2005. 15-17 Mac Marriot Putrajaya</u>	Persatuan Doktor Pakar Awam Collage of Public Health Medicine Academy of Medicine Malaysia	National	2005
9	Second Prize- Best Poster Award 28-30 April 2006 2 nd Regional Conference on Occupational Health- Crownze Plaza Hotel, Kuala Lumpur Siti S.H, Wan C.Z.W.H, Shamsul B.M.T, Juliana J Nasaruddin A.Z., Rosnan H., Mohd N.J., Mohd R.A.M., Yunus ,A. Prevalance of Musculoskeletal Disorders Among Malaysian Commercial Vehicle Drivers.	Persatuan Perubatan Malaysia Malaysian Medical Association (SOEM)	Regional	2006
10	Best Paper Publication Award 2003. National Public Health Colloquim. October 2003 Abdul M, Zailina H, Juliana J & Shamsul Bahri MT. Exposure to indoor PM ₁₀ and Respiratory Health among children in Sungai Siput , Perak. Malaysian Journal of Public Health Medicine 2003, Volume 3(2): 223-32-Best Paper Publication Award 2003.	Persatuan Doktor Pakar Awam Collage of Public Health Medicine Academy of Medicine Malaysia	National	2006

	National Public Health Colloquim. October 2003			
11	Shamsul BMT., Syazwan A., Muhamad H., Juliana J. , Mohd A., and Zailina Hashim. <u>PRPI10-InterventionMusculoskeletal Disorder among scholl children. 20th-22nd July 2010 at Pameran Reka Cipta, Penyelidikan & Inovasi, UPM 2010. <i>Silver Medal Certificate of Award.</i></u>	Pusat Pengurusan Penyelidikan (RMC) UPM	University	2005
12	<u>Silver Award for PRPI10-</u> Pameran Reka cipta Dan Inovasi 2010. Shamsul BMT., Syazwan A., Muhamad H., Juliana J. , Mohd A., and Zailina Hashim. <u>Silver Medal for PRPI10-</u> Pameran Reka cipta Dan Inovasi 2010. Evaluation of Two Ergonomics Intervention Programs in Reducing Ergonomics Risk Factors of Musculoskeletal Disorder among scholl children. 20 th -22 nd July	Pusat Pengurusan Penyelidikan (RMC) UPM	University	20010
13	<u>Silver Award.</u> Product Invention & Innovation Exhibition, UPM 2006, Serdang Malaysia 22-24. 2006 hamsul BMT., Hamiraj AF.,Nasaruddin AA. Wan Zaharah WH., Juliana Jalaludin. , Siti S., Salawati Y., Azlan A., Mohd Nizam., Rizal AR., Rusli N. Health Promotion Tool in Reducing Musculoskeletal Disorder.	Pusat Pengurusan Penyelidikan (RMC) UPM	University	2006
14	Shamsul BMT., Hamiraj AF.,Nasaruddin AA. Wan Zaharah WH., Juliana Jalaludin. , Siti S., Salawati Y., Azlan A., Mohd Nizam., Rizal AR., Rusli N., Development of Malaysian's Ergonomics Bus Seat System . <u>Gold Award</u> – Product Invention & Innovation Exhibition, UPM 2006, Serdang Malaysia 22-24. 2006	Pusat Pengurusan Penyelidikan (RMC) UPM	University	2006
15	Juliana J. , Mohamad Aidil., Salawati., Abdah M.A., Shamsul BMT., Relationship of Fine Particle(PM _{2.5}) Exposure to Lung Function Among Public Bus Drivers in Klang Valley. <u>Best Poster Presentation 3rd Prize- Best Poster Award Asia Pacific Conference on Risk Management for Preventive Medicine-1-3 October 2005</u>	NORMS-National Occupational Risk Management Programme	Asia Pacific	2003
16	Kavitha M., Juliana J. , Abdah., Salawati., Nasaruddin AA., Shamsul BMT., Exposure to Ultrafine Particle(UFP) and Interleukine-6 Among Public Bus Drivers in Klang Valley. Malaysian Journal of Public Health Medicine Vol 5 (Supplement 3), 2005. 43 <u>Best Oral Presentation Award 3rd Prize - Best Oral Presentation Award Asia Pacific Conference on Risk Management for Preventive Medicine-1-3 October 2005</u>	NORMS-National Occupational Risk Management Programme	Asia Pacific	2005
17	Juliana J. , Subah C., Zarida H., Relationship Between Total Antioxidant	Persatuan Doktor Pakar Awam	National	2002

	Status and Lung Function Among Glass Factory Workers. <u>Best Poster Presentation Award</u> . National Public Health Colloquim. 24-25 Sept 2002	Colage of Public Health Medicine Academy of Medicine Malaysia		
18	Nasrrol Papo and Juliana Jalaludin., Exposure to wood Dust and Respiratory Health Impilaction among workers in wood Industry.Best Poster Presentation 6 th Sabah Clinical Conference 4-6 th August 2004	Perstuan Doktor Pakar Awam JKS	State	2004
19	Shamsul BS., Muhamadong., Juliana J., Zailina H.,(2001) The exposure of Heat Stress among Steel Factory workers, Gurun Kedah. 2 nd Prize Best Poster National Public Health Conference. 17-19 April 2001.	Persatuan Doktor Pakar Awam Collage of Public Health Medicine Academy of Medicine Malaysia	National	2001
Awards of Merit	Award of Excellence Staff	UPM	Universiti	2004 2005 2006 2012 2013 2014

G. 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	<p>Citation Indexed/IF Journal</p> <ol style="list-style-type: none"> Nur Faseeha Suhaimi , Juliana Jalaludin, Suhaili Abu Bakar (2015) Association between School and Residential Air Pollutants with Respiratory Symptoms among School Children at an Industrial Area- <i>Advances in Environmental Biology (AEB)</i> –9 (26)77-86 Q3 Norhayani Ab Jamil, Juliana Jalaludin, Anis Syafiqah Kamaruddin, (2015) Exposure to Air Pollutants (PM10, NO2, SO2 and VOCs) on the Lung Functions among School Children Living nearby the Petrochemical Industry Area in Kemaman, <i>Advances in Environmental Biology</i>- November - 56-63 Q3 2.726 Anis Syafiqah Kamaruddin and Juliana Jalaludin (2015). Indoor Air Quality and Its Association with Respiratory Health among Malay Preschool Children in Shah Alam and Hulu Langat, Selangor. <i>Advances in Environment Biology</i> (9) 9 Special 2015 - page 17-26, ISI-Thomson Reuters (ISI) (SJIF 2012 = 2.726) Q3. Choo CP, Jalaludin J. <i>Rev Environ Health</i>.(2015) An overview of indoor air quality and its impact on respiratory health among Malaysian school-aged children. 15;30(1):9-18. doi: 10.1515/reveh-2014-0065. –Scopus Q3. Nor Ashikin Sopian, Juliana Jalaludin, Shamsul Bahri Mohd Tamrin 2015-Risk of Respiratory Health Impairment among Susceptible Population Living in the Vicinity of Petrochemical Industry- <i>Iranian Journal for Public Health Q3 2015 IF 0.550</i> Nur Ayuni Bahruddin, Juliana Jalaludin (2015) PM2.5 & UFP Exposure and the Associations with Respiratory Health Illness among Photocopy Workers in <i>Selangor Asia Pacific Journal of Environmental and Occupational Health (APJEOH 1(1)36-43</i> Chua Poh Choo., Juliana Jalaludin., Titi Rahmawati and Nor Mariah Adam (2015) Indoor Air Quality Assessment and Lung Function among Children in Preschool at Selangor, Malaysia- <i>Advances in Environment Biology (Scopus)</i>- page 17-26, ISI-Thomson Reuters (ISI) (SJIF 2012 =
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2.726). 9(9)Special 2015-1-9

8. Nur Azwan Mohd Nor Rawi, **Juliana Jalaludin** and Chua Poh Choo (2015). Indoor Air Quality and Respiratory Health among Malay Preschool Children in Selangor. *BioMed Research International* -Volume 2015 (2015), Article ID 248178, <http://dx.doi.org/10.1155/2015/248178>. IF 2.706. Q2
9. Nur Faseeha Suhaimi and **Juliana Jalaludin** (2015). Biomarker as a Research Tool in Linking Exposure to Air Particles and Respiratory Health. *BioMed Research International*. -Vol 2015 (2015)Article ID 962853. IF 2.706 Q2
10. Andrew Dana and **Juliana J.**, (2015). Indoor Air Pollutants Exposure and Eosinophil Cationic Protein (ECP) as Upper Airways Inflammatory Biomarkers Among Preschool Children- 30, 2015, 297–302 *Procedia Environmental Sciences* doi:10.1016/j.proenv.2015.10.053-Science direct
11. Chua Poh Choo, **Juliana Jalaludin**, Titi Rahmawati Hamedon and Nor Mariah Adam (2015). Preschools' Indoor Air Quality and Respiratory Health Symptoms among Preschoolers in Selangor- 30, 2015, 303–308- *Procedia Environmental Sciences*doi:10.1016/j.proenv.2015.10.054-Science direct
12. Nur Faezah Muhamad and **Juliana Jalaludin** (2015). Retrofitting and Purposed - Built Buildings: Indoor Air Quality and Sick Building Syndrome Among College Student of Private Higher Learning - *Malaysian Journal of Public Health (MJPHM)* Dec 2015
13. Nur Farah Syazwani Hussain and **Juliana Jalaludin** (2015). Association of PM₀ and PM_{2.5} Exposure with Respiratory Health of the Children Living Near Palm Oil Mill, Dengkil - *Malaysian Journal of Public Health (MJPHM)* Dec 2015
14. Tezara C., **Juliana J.**, Nor Mariah Adam and Januar Parlaungan Siriger. Assessment of Children's Health and Indoor Air Contaminants of Day Care Centre in Industrial Area *Iranian Journal of Public Health*– 44(3): 81-88. ISI- IF 0.5- Q4
15. Noor Hisyam Noor Hassim and **Juliana Jalaludin**- FENO as a biomarker for respiratory inflammation among children in Selangor. *Advances in Environmental Biology*. 5(1): 149-159. Scopus Q4
16. Nor Syafarizwa Muhammad, **Juliana Jalaludin** and Sharmadevan Sundrasegaran. Exposure to Respirable Dust (PM₁₀) and Respiratory Health among Traffic Policemen in Selangor. *Advances in Environmental Biology*. 5(1): 199-206. Scopus Q4
17. Nur Aida Aziz, **Juliana Jalaludin** and Suhaili Abu Bakar. Indoor air pollutants exposure and the respiratory inflammation (FeNO) among preschool children in Hulu Langat, Selangor. *Advances in Environmental Biology*. 5(1): 164-170. Q4
18. Mohd Firdaus and **Juliana Jalaludin**. Exposure to Indoor Air Pollutants (PM₁₀, CO₂ and CO) and Respiratory Health Effects among Long Distance Express Bus Driver in Malaysia. *Health and Environment Journal*. 5(3) Google Scholar
19. Chua Poh Choo and **Juliana Jalaludin**. School's Indoor Air Quality and Respiratory Health Implications among Children: A Review. *Advances in Environmental Biology* 8(14):112-121. Scopus Q3
20. **Juliana J.**, Nazariah SSN, Abdah MA and Suhaimi NF. Exposure to PM_{2.5} and NO₂ and Respiratory Inflammation among School Children in Malaysia. *American Journal of Applied Sciences*. Scopus 1.4 Q2 11 (9): 1616-1630.

21. Tezara Cionita, Nor Mariah Adam, **Juliana Jalaludin**, Mariani Mansor and Januar Parlaungan Siregar Measurement of Indoor Air Quality Parameters in the Daycare Centers in Kuala Lumpur Malaysia *Applied Mechanics and Materials* ISI/Scopus *Vol. 564* (14),
22. Nur Aida Aziz, **Juliana Jalaludin** Exposure To PM₁₀ and Respiratory Health Among Welders of Metal Working Factory In Selangor *Health and Environment Journal* 5(1): 113-125. Google Scholar
- 23 **Jalaludin J.**, Diyana MS and Suhaimi NF (2014) Exposure to VOCs, UFP and Respiratory Health Symptoms among office workers in Old and New Buildings in Universiti Putra Malaysia *International Applied and Natural Sciences* 3(1)p 69-80 IF 1.693
24. Tezara Cionita., Mariah A., **Juliana J** and Mariani M. Siregar JP (2014)Indoor Air Quality in The Day Care Centres In Tropical Country. *International Journal Mechanics Engineering* 3(1) pg 47-52 : IJME IF: 2.4
25. Ayuni Nabilah., **Juliana Jalaludin**.(2014) Ibrahim M.H Exposure to PM₁₀ and NO₂ and Association with Respiratory Health Among Primary School Children Living Near Petrochemicals Industry Area at Kertih, Trengganu. *Journal Medical and Bioengineering* Vol3(4) 282-287- Google Scholar
26. Nurul Anis Sofiah and **Juliana J** (2013):Indoor Particulate Matter 2.5 (PM_{2.5}) and Lung Function Among Children Living Near Busy Road in Cheras Kuala Lumpur. *Health and Environment Journal* 2013 42 : 1-19 Google Scholar
- 27 Arasyi Yahaya and **Juliana Jalaludin** (2014)Exposure to Indoor PM₁₀ and Volatile Organic Compounds (VOCs) and Its Association to Respiratory Health Among Preschool Children in Urban and Rural Area in From Sources to Solution 2013.Chapter 3 page 13-16 Springer: 13-16 ISBN 978.981-4560-69-6
- 28.Nur Ayuni Baharudin and **Juliana Jalaludin** (2014).Exposure to PM_{2.5} & UFP and Lung Function among Photocopiers Workers in Selangor. In Sources to Solution. Chapter 36 page 191-194, Springer ISBN 978.981-4560-69-6 :
- 29.**Juliana J** and Mohd E.(2013) Indoor Air Quality and Prevalence of Sick Building Syndrome Among Office Workers in Two Different Offices in Selangor – *American Journal Applied Sciences* 2013 : 1140-1147 IF 1.4 Q2
- 30.Sharifah Nazariah, **Juliana Jalaludin** and Abdah Md Akim (2013).Interleukin-6 via Sputum Induction as Biomarker of Inflammation for Indoor Particulate Matter. *Global journal of Health Science*, 5(4) 2013: 93-105 among Primary School Children in Klang Valley, Malaysia-Google Scholar/PubMed/Medline
31. Lovetta Yatta Momoh., **Juliana Jalaludin**., Malina Osman., Zubaidah Jami (2013) Seroprevalence of Toxoplasma Gondii Among Schizophrenics at Hospital Kajang *American Journal of Infectious Diseases* 9 (1): 11-16, 2013- IF 1.26

- 32..Nur Fadilah R, **Juliana J** (2012.) Indoor Air Quality (IAQ) and Sick Buildings Syndrome (SBS) among Office Workers in New and Old Building in Universiti Putra Malaysia, Serdang. *Health and the Environment Journal*, 2012, 3(2) 98-109-google Scholar
33. Ahmad Syazrin Muhamad and **Juliana Jalaludin** Exposure to PM_{2.5} and Respiratory Health Among Traffic Policeman in Kuala Lumpur. *Journal of Occupational Safety and Health* 2013, Vol 9(3)55-64 ISSN 1675-5458
- 34.Kavitha M., **Juliana J** and Abdah MA. (2011) Relationship between Exposure to Particulate Matter and Biomarkers among Bus Drivers in Klang Valley Malaysia. *Health and the Environment Journal* (2)1-7. Google Scholar
- 35.Mohd Nafiz Shaharon and **Juliana Jalaludin** (2012). Thermal Comfort Assessment –A study Toward Workers’s Satisfaction in A low Energy Office Building. *American Applied Sciences American Journal of Applied Sciences* 9(7) 1037-1045 IF 1.4 Q2
36. Nur Aqilah M. Y. & **Juliana J.** (2012) Association between Occupational Stress and Respiratory Symptoms among Lecturers in Universiti Putra Malaysia. *Global Journal of Health Science* 4 (6) 160-169
37. Mohd H.Ibrahim., Ahmad M. Abdullah., Nor M.Adam., **Juliana J.**, Norhisyam W.M.,Mohd N.I., Noraniah Abdul Aziz (2012) Optomization of remote meteorological Parameters in Predicting Air the Air Pollutant (NO₂) Distribution by Petrochemical Industry along Coastal Zone at East Coast of Peninsular Malaysia. *International Journal of Engineering & Technology* 11(4) : 58-67
38. Kavitha M., **Jalaludin J.**, Abdah MD A., Shamsul B.M.T., and Syazwan A.I. (2010). Human Sputum Interleukin-6 by Exposure to PM₁₀ among Bus Drivers in Klang Valley. *Journal of Applied Sciences* 2010, 10(4): 269-276. IF: 1.4 Q2
- 39.Syazwan Aizat Ismail, Shamsul Bahri Mohd Tamrin, Mohd Rafee Baharudin, Mohamad Azhar Mohd Noor, Muhamad Hanafiah Juni, **Juliana Jalaludin** and Zailina Hashim. (2010). Evaluation of Two Ergonomics Intervention Programs in reducing ergonomic Risk Factors of MusculoskeletalDisorder among school Children. *Research Journal of Medical sciences.* 2010, 4 (1): 1-10.
- 40.Syazwan Aizat., **Juliana Jalaludin.**, Norhafizalina., Azman ZA.(2009) Indoor Air Quality and Sick Building Syndrome in Malaysia Building. *Global Health Journal.* 1(2) 126-135
- 41..Shamsul BMT., Yokoyama K., **Juliana J.**, Nasaruddin A A., Nizam J., Rusli N., Ayub LN., Yunus A and Mazlan A.(2007) The Association Between Risk Factors and Low Back Pain Among Commercial Vehicle Drivers in Peninsular Malaysia : A Preliminary Results. *Industrial Health* 2007, 45, 268-278
- 42 .Shamsul BMT., Ahmad RAR., **Juliana J.**, Wan CZ Yunus A., Rusli N.,(2007) Ergonomic Research in Malaysia UPM’s experience in research and development of ergonomics products. *Ergonomics.*
43. Julius G., **Juliana J.**, Malina O., Norhafizalena O and Ngah Zasmy . (2007) Indoor Air Pollution Due To *Penicillium spp*: A Case Study In Malaysian Workplace Setting. *Tropical Biomedicine* 24(1):37-46
- 44.**Juliana J.**, Zailina H., Jamal H.H. (2004) Comparison of Lung Functions Among Asthmatic Children in Malaysia . *PERTANIKA. J. of Sci. and Technology* 12 (1): 11 – 20

45. Weili L., Junfeng Z., Jamal H.H., **Juliana J.**, Zailina H., and Benard G. (2003) mosquito Coil Emission and Health Implications. *Environmental Health Perspectives*. Vol 111, (12) 1454-60 **IF 7.0 Q1**

46. Weili L., Junfeng Z., Jamal H.H., **Juliana J.**, Zailina H., and Benard G. Antimosquito Coil Release Toxic Fumes. *Science*. July 12 (2005) vol 164

47 Abdul M, Zailina H, **Juliana J** & S Shamsul Bahri BMT (2003) Exposure to PM₁₀ and Respiratory Health among Children in Sungai Siput , Perak 003). *Malaysian Journal of Public Health Medicine* 2003, Volume 3(2): 223-32- Best Paper Publication Award 2003.

48. **Juliana, J.** Zailina H., Jamal, H. H. Syarif, H. L. and Nasir, M.T. (2002). Kajian perbandingan pengaruh persekitaran kediaman terhadap serangan asma di antara kanak-kanak di K. Lumpur and Terengganu. *Jurnal Kesihatan Masyarakat*. (8):51-62

49. Zailina, H., **Juliana J.** Norzila M.Z., Azizi, H.O. and Jamal, H. H. (1997). The relationship between Kuala Lumpur haze and asthmatic attacks in children. *Malaysian Journal of Child Health*. 9 (2): 151-159.

50. Zailina, H., **Juliana, J.** Azman, Z.A. and Azizi, O. (1996). Perhubungan partikel terampai (PM₁₀) dengan pesakit asma. (Association of respirable particle (PM₁₀) with asthmatic patients) *PERTANIKA J. of Sci. and Technol.* 4(2): (275-82)

51. Zailina H., Wee B.S., **Juliana J.**, Jamal H.H (2002). The Effects of Cigarette Smoking on Lung Function of Malaysian University Students. *Malaysian Journal of Public Health Medicine* 2003. 2 (2):81-86

52 **Juliana J.**, Dayang A.A., Jamal H.H., Zailina H. dan Bilkis A.Z. (2001). The influence of indoor pollutant source on respiratory diseases and lung function among children in Hulu Langat District : A preliminary study. *Community Health Journal* 2: 51-56.

53. Zailina, H., **Juliana J.** and Jamal, H (1996). The impact of haze on asthma patients. *J. ENSEARCH*, 9: 3-8.

54 Ahmad Syazrin Muhamad and Juliana Jalaludin (2013) Exposure to PM_{2.5} and Respiratory Health Among Traffic Policeman in Kuala Lumpur. *Journal of Occupational Safety and Health* 2013, Vol 9(3)55-64 ISSN 1675-5458

In the process of publication

55. Zarith Afzan., Zailina Hashim., **Juliana Jalaludin** and Shamsul BMT (2014). Sick Building Syndrome and Indoor Office Environment among workers at Academic Institution : A Preliminary Study

56. Ahmad Fahmi and **Juliana Jalaludin** (2015) Exposure to Air Pollutants (PM₁₀, NO₂, SO₂ and VOCs) Living Nearby the Petrochemical Industry Area

57. Sharmadevan Sundrasegaran and **Juliana Jalaludin** (2015) Occupational Exposure to Pesticides and Consequences on Human Reproductive Hormone Parameters

58. Nor Ashikin Sopian and **Juliana Jalaludin** The Application of biomarkers in determining genotoxic potencies of Polyaromatic Hydrocarbon (PAHs) Exposure Among Children

59. Haziqah Kamarudin and **Juliana Jalaludin** -Biomarker of Occupational Airways Inflammation for Exposure to Inorganic Dust

	<p>60. Mumtaz H and Juliana Jalaludin -Occupational Exposure to Volatile Organic Compounds (VOCs) and the Biomarkers of Oxidative DNS Damage</p> <p>61.Fatiha F andi and Juliana Jalaludin -Assessing Biomarkers on exposure, effects and susceptibility for Environmental and Occupational exposure of various rage of benzene</p> <p>62. Haroun Z., Juliana J and Shamsul BMT- Behaviour based safety approach and factors affecting unsafe behavior in construction sector</p>
Books/ Monographs	<p>Editorial works: Book/ Monographs</p> <p>1) Juliana Jalaludin and Chua Poh Choo (2015) Air Quality Management in Preschool-Universiti Pendidikan Sultan Idris- (UPSI)- ISBN 978-967-0480-94-7-1-53</p> <p>2) Lovetta Yatta Juanah, Juliana Jalaludin, Zubaidah Jamil and Malina Osman. Linking Toxoplasma Gondii Infection with Schizophernia Updates in Medical Microbiology 152- 172 Universiti Putra Malaysia Serdang, Malaysia 978-967-344-314-7</p> <p>3)Mohd Habir I., Ahmad M., Loi Kok C., Juliana J. Sensitivity Analysis of wind Rotation in Determining the Correlation of Pollutant Concentration (NO₂) with the location in North East Peninsular Malaysia (ISBN 978-967-208-9)</p> <p>4)Tezara CM., NM Adam, Juliana J and Mariani M. Review of PM10 Trend Indoor Air Quality Parameters and Its Effect Effect Towards Children. Engineering Research Methods. Chapter 8;1-10.</p> <p>5)Log Book of Industrial Training for Environmental and Occupational Health, FPSK (2006)</p> <p>6)Buku Panduan Latihan Industri Program Bachelo Sains Kesihatan Persekitaran dan Pekerjaan (2006)</p> <p>7) Panduan Menulis Laporan Projek Ilmiah Tahun Akhir Bachelo Sains Kesihatan Persekitaran dan Pekerjaan.(2007)</p> <p>9)Panduan Membuat Rujukan bagi Program Bachelo Sains Kesihatan Persekitaran dan Pekerjaan . (2007)</p> <p>10)Health promotion / Indoor air quality Education video for training.(2006/2007)</p> <p>11) Manual Amali Spirometric Test-Kursus Higen Industri BSKPP (2007-2010)</p>
Proceedings	<p>No of Journal Abstract Publication - 50 No of Proceedings : - 126</p>
Other publications	<p>Popular Publication</p> <p>1 .Juliana Jalaludin. Fresher Healthier Air . Star Property April 2011</p> <p>2. Juliana Jalaludin- Pencemaran Dalam Bangunan- Sindrom Bangunan Sakit- Pencemaran Dalam Bangunan – Kosmo 7 Julai, Rabu 7 Julai 2010 page 25-27</p>

	<p>3. Juliana Jalaludin- The Indoor Enemy – Expatriate Lifestyle Magazine, November, 2010 page 112 http://www.expatriatelifestyle.com/healthandwellness/Health/article/The-indoor-enemy)</p> <p>4. Juliana Jalaludin- Sick Building Syndrome: Hidden Danger Found Indoors, The Star , Thursday 27 May 2010 pg 9</p>				
H. PROJEK PENYELIDIKAN TERDAHULU(Past Research Project)					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund/ Amount</i>	<i>Status</i>
FRGS 2014-1	Exposure Assessment to Industrial Air Pollutants and Biomarkers for Airways Inflammation among Primary School Children	Project leader	2014-2016	FRGS/ RM 136, 895.00	On-going
Putra Grant 2014	Exposure to Organophosphahate and Effects of Paraoxnase (PON1) Polymorphism on Serum Hormone Level in Paddy Farmers in Tanjung Karang, Malaysia (New Project	Project Leader	2014-2016	GP-IPS RM15,000.	On-going
FRGS	Simultaneous Quantification of 14 Commonly Used Pesticides in Personal Air and Blood Samples among Paddy Farmers: Health Impact on Leukocytes Telomere Length	Co-Researcher	2015-2017	RM142,200	On-going
06-01-040SF582	Environmental Exposure, Asthma, and Allergies Among Preschool Children A strategic Model on Preventive Measures (06-01-04-SF582)	Project Leader	2012-2014	Science Fund MOSTI/ RM227.00	Completed
Putra Grant 2013	Indoor Air Quality Assessment and Respiratory Health Implications Among Children in Preschool at Selangor: A Strategic Model on Indoor Air Quality Management”	Project Leader	2013-2015	GP-IPS/ RM15,000	On Going
FRGS 2014	Pesticide Health Risk Assessment among Children in Agriculture Areas	Co-Researcher	2014-2016	FRGS/ RM144,000	Completed
04/01/07/0312 RU (91317)	Indoor Air and Respiratory Illness Among School Children (Indoor Air) – Research University Grant Scheme 2007-2010-Project Leader	Project Leader	2007-2010	RUGS/ RM 80,000	Completed
RUGS 2012-2013	Geo-surveillance modeling: Outdoor air pollution and acute respiratory infection among children in Klang Valley	Co-Researcher	2012-2013	RUGS/ RM15,000.00	Completed

<i>NAPREC</i>	Suitable Area For Landfill Development : Identification And Calibration Using A GIS Approach	Co-Researcher	2012-2013	RUGS/ RM48,000	Completed
RUGS 2011-2012	Seroprevalance of Toxoplasma gondii in individuals with schizophrenia among psychiatric patients in Hospital Kajang.	Main Researcher	2010-2012	RUGS/ RM10,000	Completed
RUGS- 2011-2012	Socia Acceptability Insecticide Treated Mosquito Nets : A comparative Study On Mazabuka Zambia and Lipis Pahang Malaysia Communities	Co-Researcher	2010-2012	RUGS/ RM18,000	Completed
<i>LO025101080</i> <i>1062902</i>	Research on public awareness and practice on plastic bottles usage in Selangor	Main Researcher	2006-2007	Ministry of Health/ RM10,000	Completed
<i>04/01/07/0076</i> <i>RU</i> <i>(91076)</i>	Multiple Risk Factors of MSD and The Impact on The Occurrence of Road Accident Among Malaysian Car Drivers -Research University Grant Scheme 2007-2009	Project Leader	2007-2010	RUGS/ RM69,000.00	Completed
<i>RUGS</i>	Determination of Dioxins (Chemical Carcinogen) Contamination in Ambient Air	Co-Researcher	2007-2010	RUGS/ RM80,000.00	Completed
<i>Short Term Grant</i> <i>91085</i>	Indoor Air Pollution and Respiratory Health among Children -2001-2002	Main Researcher	2001	UKM/RM 10,000.00	Completed
<i>Short Term Grant</i> <i>50540</i>	Assessment of Indoor Air Pollutants and the Risk of Developing Respiratory Illness Among School Children in Hulu Langat District – Short Term Grant-Completed 2002-2003	Project Leader	2002	UPM/ RM10,000.00	Completed
<i>IRPA RM8</i>	IRPA RM8-Top Down .QWL – NORMS -2003 Ministry of Science IRPA (RM8)- 2004-2006.Evaluation & Prevention of Occupational Injuries Among Commercial Vehicle Drivers –Acting Proje Leader	Main Researcher/Project Leader (IAQ)	2007	IRPA/ RM 1.113 Million	Completed
<i>Short Term Grant</i>	Comparative study of impact of air quality on asthma patients in Klang Valley	Main Researcher	1996-1997	Short Term UPM/ RM10,000	Completed
<i>SIDA</i>	Allergy and Asthma among school children in Malaysia-influence of school Environment Sweedish Development Cooperation Agency	Co-Researcher	2006-2007	(SIDA)/	Completed
<i>Short term Grant</i>	Environment and Asthma Patients	Main Researcher	1995-1996	Short Term Research Grant/ RM10,00.00	Completed
<i>IRPA</i>	Assessment of Ambient Air Pollution and Its Impact on Human Health (1996-1998)-Completed	Main Researcher	1996-1998	IRPA RM311.000.	Completed

Supervision		No. of Students			
Undergraduate supervision		70			
Undergraduate co-supervision		9			
Post graduate supervision (Master's)		16			
Post graduate co-supervision (Master's)		5			
Post graduate supervision (Ph.D)		7			
Post graduate co-supervision (Ph.D)		6			
Scientific /Professional /National Organization					
Consultation		<ol style="list-style-type: none"> 1. Respiratory Health Assesment Idaman Pharma Sungai Petani 2. Respiratory Health Assesment at N9 Cement Industries 3. Spirometric Assessment at Nippon Steel, Bota Perak 4. Spirometric Aessesment at UMW Shah Alam 5. Indoor Air Quality and Sick Building Syndrome in Malaysia – for Kim Chew Communications Best Malaysian PR Awards 2010 (Consumer Launch Campaign of the Year) 6. Nippon Odour-less Aircare –Nippon Paint Malaysia 7. Assessment of IAQ for - PETRONAS & PTM (Pusat Tenaga Malaysia) & Media Prima Berhad Buildings (2009-2010) 8. Indoor Air Quality Assessment for NIOSH, Bandar Baru Bangi 9. Indoor Air Quality Assessment -Berjaya Times Square Building 10. Air Pollutants Monitoring at Solid Waste Disposal Site Jinjang Utara Kuala Lumpur (1996) 11 . Malaysia GHG inventory (for EDP and ISIS) (1996) 			

	12Technical Assesement of Air Pollutants for Asia Retreat Centre.
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