



Name: Pei-Shih Chen

E-mail: pschen@kmu.edu.tw

Tel: (07) 3121101 ext 2141-34

Education

Doctor of Environmental Health Institute, National Taiwan University, Taiwan, 1999-2005

Master of Public Health Institute, National Taiwan University, Taiwan, 1998-1999

B.S. Department of Department of Public Health, Kaohsiung Medical University, Kaohsiung City, Taiwan, 1994-1998

Professional Experience

2011~ Associate Professor, Department of Public Health, College of Health Science, Kaohsiung Medical University, Kaohsiung, Taiwan

2005 – 2009: Assistant professor, Department of Public Health, College of Health Science, Kaohsiung Medical University, Kaohsiung, Taiwan

2010 –2014: Leader, Environmental Safety Group, Kaohsiung Medical University, Kaohsiung, Taiwan

2012 ~: Instructor, The Secretariat, Taiwan Institute of Occupational Health, Taiwan

2014~: Laboratory bio-safety review committee, Infection control and bio-security group, Disease Control Department of the Ministry of Health and Welfare, Taiwan

2014~: Audit committee, Audit chamber, Kaohsiung Medical University, Kaohsiung, Taiwan

Specialty

Environmental Health, Air pollution, Bioaerosol

Publication

1. Ho-Hsiang Lin, Chung-Shin Yuan* , Wang-Kun Chen, Chang-Tang Chang, **Pei-Shih Chen** On-site measurement and simulation of indoor particulate matter distributed in a single room with stratified flow field. *Indoor and Built Environment* 0(0) 1–20, March 2020 doi: 10.1177/1420326X20919788.
2. Lu, Jhih-Yuan, Tung, Tao-Hsin, Shen, Sheng-Ang*, Huang, Chien, **Chen, Pei-Shih** The effects of psychotherapy for depressed or posttraumatic stress disorder women with childhood sexual abuse history: Meta-analysis of randomized controlled trials. *MEDICINE*. Volume 99, April 2020
3. Yu-Chuan Yen, Chun-Yuh Yang, Tsu-Nai Wang, Pei-Chun Yen, Chi-Kung Ho, Kristina D. Mena, Tzu-Chi Lee, Kang-Shin Chen, Yuan-Chung Lin & **Pei-Shih Chen*** Household airborne endotoxin associated with asthma and allergy in elementary school-age children: a case–control study in Kaohsiung, Taiwan. *Environ Sci Pollut Res Int.* 2020 Mar 25.
4. Yu-Chuan Yen, Chun-Yuh Yang, Chi-Kung Ho, Pei-Chun Yen, Yu-Ting Cheng, Kristina D. Mena, Tzu-Chi Lee, **Pei-Shih Chen***. Indoor Ozone and Particulate Matter Modify the Association between Airborne Endotoxin and Schoolchildren's Lung Function. *Science of the Total Environment* Volume 705, 25 February 2020, 135810.
5. Yu-Chuan Yen, Chun-Yuh Yang, Kristina Dawn Mena, Yu-Ting Cheng and **Pei-Shih Chen***. Cooking/Window Opening and Associated Increases of Indoor PM2.5 and NO2 Concentrations of Children’s Houses in Kaohsiung, Taiwan. *Appl. Sci.* 2019, 9, 4306
6. Yu-Chuan Yen, Chun-Yuh Yang, Kristina Dawn Mena, Yu-Ting Cheng, Chung-Shin Yuan, **Pei-Shih Chen*** (2019, Feb). Jumping on the bed and associated increases of PM10, PM2.5, PM1, airborne endotoxin, bacteria, and fungi concentrations. *Environmental Pollution*, 249, 799-809.
7. Chen YS, Lin HH, Hsueh PT, Ni WF, Liu PJ, **Chen PS**, Chang HH, Sun DS, Chen YL. (2017, Aug). Involvement of L-selectin expression in Burkholderia pseudomallei-infected monocytes invading the brain during murine melioidosis. *VIRULENCE*, 18;8(6):751-766.
8. Yi-Shan Tsai, Yu-Ting Tseng, **Pei-Shih Chen**, Meng-Chih Lin, Chao- Chien Wu, Ming-Shyan Huang, Chin-Chou Wang, Kang-Shin Chen, Chung-Yuan Lin, Tsu-Nai Wang* (2016, Apr). Protective effects of elafin against adult asthma. *Allergy and Asthma Proceedings*, Volume 37, Number 2, March/April 2016.
9. Ting-Hao Chen, Tao-Hsin Tung, **Pei-Shih Chen**, Shu-Hui Wang, Chuang-Min Chao, Nan-Hsing Hsiung, and Ching-Chi Chi (2016, Jan). The Clinical Effects of Aromatherapy Massage on Reducing Pain for the Cancer Patients: Meta-Analysis of Randomized Controlled Trials. *Evid Based Complement Alternat Med.*, 2016:9147974. doi: 10.1155/2016/9147974. Epub 2016 Jan 14.
10. **Pei-Shih Chen**, Yao-Shen Chen, Hsi-Hsun Lin, Pei-Ju Liu, Wei-Fan Ni, Pei-Tan Hsueh, Shih-Hsiung Liang, Chialin Chen, Ya-Lei Chen* (2015, Jun). Airborne Transmission of Melioidosis to Humans from Environmental Aerosols Contaminated with B. pseudomallei. *PLoS Neglected Tropical Diseases* , 9:6-e0003834.

11. Chih-Ching Chang, **Pei-Shih Chen** & Chun-Yuh Yang (2015, Feb). Short-Term Effects of Fine Particulate Air Pollution on Hospital Admissions for Cardiovascular Diseases: A Case-Crossover Study in a Tropical City. *Journal of Toxicology and Environmental Health, Part A*, 78:267–277.
12. J.-J. MU, P.-Y. CHENG, Y.-S. CHEN, **P.-S. CHEN**, AND Y.-L. CHEN* (2014, May). The occurrence of melioidosis is related to different climatic conditions in distinct topographical areas of Taiwan. *Epidemiol. Infect.*, 142, 415–423.
13. Y.L. Chen, Y.C. Yen, C.Y. Yang, M.S. Lee, C.K. Ho, K.D. Mena, P.Y. Wang, **P.S. Chen*** (2014, May). The Concentrations of Ambient Burkholderia Pseudomallei during Typhoon Season in Endemic Area of Melioidosis in Taiwan . *PLOS Neglected Tropical Diseases* (2014). , 8(5):e2877.
14. J.-J. MU, P.-Y. CHENG, Y.-S. CHEN, **P.-S. CHEN** AND Y.-L. CHEN* The occurrence of melioidosis is related to different climatic conditions in distinct topographical areas of Taiwan. *Epidemiol. Infect.* (2014), 142, 415–423.
15. The Concentrations of Ambient Burkholderia Pseudomallei during Typhoon Season in Endemic Area of Melioidosis in Taiwan. *PLOS Neglected Tropical Diseases* (2014). Volume 8 issue 5 e2877.
16. Y.K. Lin, C.K. Chang, S.C. Chang, **P.S. Chen**, C. Lin, Y.C. Wang, Temperature, nitrogen dioxide, circulating respiratory viruses and acute upper respiratory infections among children in Taipei, Taiwan: A population-based study. *Environmental Research*. 120 (2013) 109–118.
17. Y.H. Liao, **P.S. Chen**, H.F. Chiu, C.Y. Yang. Magnesium in Drinking Water Modifies the Association Between Nitrate Ingestion and Risk of Death from Esophageal Cancer. *Journal of Toxicology and Environmental Health, Part A*76(2013)192–200.
18. J.J. Mu, P.Y. Cheng, Y.S. Chen, **P.S. Chen**, Y.L. Chen*. Case cluster shifting and contaminant source as determinants of melioidosis in Taiwan. *Tropical Medicine & International Health* (on line) 2012.
19. S.S. Tsai, **P.S. Chen**, Y.H. Yang, S.H. Liou, T.N. Wu, F.C. Sung, C.Y. Yang. Air pollution and hospital admissions for myocardial infarction: are there potentially sensitive groups? *J Toxicol Environ Health A*. 75(2012) 242-251.
20. J.J. Mu, .PY. Cheng, Y.S. Chen, **P.S. Chen**, Y.L. Chen*. The Occurrence of melioidosis cases related to different climatic conditions in distinct topographic areas in Taiwan. *Epidemiology and Infection* (submitted)
21. J.J. Mu, P.Y. Cheng, Y.S. Chen, **P.S. Chen**, Y.L. Chen*. Case cluster shifting and contaminant source as determinants of melioidosis in Taiwan. *Tropical Medicine & International Health*. 17(2012)1005-1013.
22. L.J. Hung, S.S. Tsai, **P.S. Chen**, Y.H. Yang, S.H. Liou, T.N. Wu, C.Y. Yang*. Traffic Air Pollution and Risk of Death from Breast Cancer in Taiwan: Fine Particulate Matter (PM2.5) as a Proxy Marker. *Aerosol and Air Quality Research*, 12(2012) 275–282.

23. H. F. Chiu, S. S. Tsai, **P. S. Chen**, Y. H. Liao, S. H. Liou, T. N. Wu⁵, C. Y. Yang. Traffic Air Pollution and Risk of Death from Gastric Cancer in Taiwan: Petrol Station Density as an Indicator of Air Pollutant Exposure. *Journal of Toxicology and Environmental Health, Part A*, 74:1215–1224, 2011
24. Chiu H.F., Tsai S.S., **Chen P.S.**, Wu T.N., Yang C.Y.. Does calcium in drinking water modify the association between nitrate in drinking water and risk of death from colon cancer? *J Water Health*. 2011 Sep;9(3):498-506.
25. **Chen P. S.***, Tsai FT, Lin CK, Yang CY, Chan CC, Young CY, Lee CH. Ambient Influenza and Avian Influenza Virus during Dust Storm Days and Background Days. *Environ Health Perspect*. 118(9):1211-1216 Sep. 2010.
26. H.W. Kuo, **P.S. Chen**, S.C. Ho, L.Y. Wang, C.Y. Yang. Trihalomethane in drinking water and the risk of death from rectal cancer: dose hardness in drinking water matter? *Journal of Toxicology and Environmental Health, Part A*, 73(2010) 807–818.
27. **P. S. Chen***, C. K. Lin, F. T. Tsai, C. Y. Yang, C. H. Lee, Y.S. Liao, C.Y. Yeh, C. C. King, J. L. Wu, Y. C. Wang, K. H. Lin. Quantification of Airborne Influenza and Avian Influenza Virus in a Wet Poultry Market using a Filter/Real-time qPCR Method. *Aerosol Science and Technology*. 43: 290-297 APR 2009.
28. M. F. Cheng, S. C. Ho, H. F. Chiu, T. N. Wu, **P. S. Chen**, and C. Y. Yang. Consequences of Exposure to Asian Dust Storm Events on Daily Pneumonia Hospital Admissions in Taipei, Taiwan. *Journal of Toxicology and Environmental Health, Part A*, 71: 1295–1299, 2008 Oct
29. C. H. Lee., J. M. Lee, D. C. Wu, Y. G. Goan, S. H. Chou, I. C. Wu, E. L. Kao, T. F. C., M. C. Huang, **P. S. Chen**, C. Y. Lee, C. T. Huang, H. L. Huang, C. Y. Hu, Y. H. Hungl, M. T. Wu. Carcinogenic impact of ADH1B and ALDH2 genes on squamous cell carcinoma risk of the esophagus with regard to the consumption of alcohol, tobacco and betel quid. *International Journal of Cancer*. 2008 Mar 15;122(6):1347-56.
30. **Chen, P. S.*** and Li, C. S. Concentration Profiles of Airborne *Mycobacterium tuberculosis* in a Hospital. *Aerosol Science and Technology*. 42 (3): 194-200 March 2008
31. M. F. Cheng, S. S. Tsai, T. N. Wu, **P. S. Chen** and C. Y. Yang. Air Pollution and Hospital Admissions for Pneumonia in A Tropical City: Kaohsiung, Taiwan. *Journal of Toxicology and Environmental Health, Part A*, 70: 2021–2026, 2007 Dec
32. Lee, C. H., D. C. Wu, J. M. Lee, I. C. Wu, Y.G. Goan, E. L. Kao, H. L. Huang, T.F. Chan, S.H. Chou, Y.P. Chou, C.Y. Lee, **P. S. Chen**, C. K. Ho, J. He, M.T. Wu. Carcinogenic

impact of alcohol intake on squamous cell carcinoma risk of the esophagus in relation to tobacco smoking. *European Journal of Cancer*. 2007 May;43(7):1188-99

33. **Chen, P. S.** and Li, C. S. Real-time monitoring for bioaerosols - Flow Cytometry. *The Analyst*. 2007, 132, 14-16
34. Li, C. S., Chia, W. C., **Chen, P. S.** Fluorochrome and flow cytometry to monitor microorganisms in treated hospital wastewater. *Journal of Environmental Science & Health, Part A: Toxic/Hazardous Substances & Environmental Engineering*, 2007, Feb;42(2):195-203
35. **Chen, P. S.** and Li, C. S. Bioaerosol Characterization by Flow Cytometry with Fluorochrome. *Journal of Environmental Monitoring*. 2005, 7, 950 – 959
36. **Chen P. S.**, Li CS. Quantification of airborne *Mycobacterium tuberculosis* in health care setting using real-time qPCR coupled to an air-sampling filter method. *Aerosol Science and Technology*39 (4): 371-376 APR 2005
37. **Chen, P. S.** and Li, C. S. Sampling Performance for Bioaerosols by Flow Cytometry with Fluorochrome. *Aerosol Science and Technology*. 2005 39(3). Mar 231-237.
38. **Chen, P. S.** and Li, C. S. Real-Time Quantitative PCR with Gene Probe, Fluorochrome, and Flow Cytometry for Bioaerosol Analysis. *Journal of Environmental Monitoring*. 2005. 7:257-262.
39. **Chen, P.S.**, Kristina D.M., Wang, M.C. (2014). The association of air pollutants on schoolchildren's symptoms in Kaohsiung. **International Conference of PM2.5 & Energy Security 2014**, Kyoto, March 5-7, 2014. (Oral)
40. **Chen, P.S.**, Lin, H.T., Chen, H.W. (2014). Concentration distribution of PM10, PM2.5, and PM1.0 at three primary schools in Kaohsiung city. **International Conference of PM2.5 & Energy Security 2014**, Kyoto, March 5-7, 2014. (Oral)
41. **Chen, P.S.**, Hong, W.C., Lin, Y.C. (2014). Association of household indoor air and lung function of allergic children and non-allergic children. **International Conference of PM2.5 & Energy Security 2014**, Kyoto, March 5-7, 2014. (Oral)
42. **Chen, P.S.**, Ou, C.S., Wang, M.C. (2012). Characterization of the bacterial and fungal bioaerosols in three elementary schools in Kaohsiung city. **2012 職業安全研討會**, Tainan, October 18-19, 2012. (Oral)

43. **Chen, P.S.**, Lee, Y.L., Luo, S.K. (2012). Indoor Air Monitoring In Day-Care Centers. **2012 職業安全研討會**, Tainan, October 18-19, 2012. (Oral)
44. **Chen, P.S.**, Tsai, F.T., Du, Z.Y. (2012). Airborne Influenza and Avian Influenza Viruses From Long Range Transportation And Its Health Effect. **2012 職業安全研討會**, Tainan, October 18-19, 2012. (Oral)
45. **Chen, P.S.**, Kuo, W.C., Yeh, C.L. (2012). Concentration Of Enterovirus In Air Samples And Exhaled Samples. **2012 職業安全研討會**, Tainan, October 18-19, 2012. (Oral)
46. **Chen, P.S.**, Kuo, W.C., Chen, H. W. (2012). Detection Of Influenza Virus In Human Exhaled Air. **2012 職業安全研討會**, Tainan, October 18-19, 2012. (Oral)
47. **Chen, P.S.**, Lin, Y. C. (2012). Airborne Mycobacterium Tuberculosis Profiles In A Hospital With A Nosocomial TB Outbreak. **2012 職業安全研討會**, Tainan, October 18-19, 2012. (Oral)
48. **Chen, P.S.**, Cheng, Y. T., Hsu, H. C. (2012). Air Pollution Between In Houses With Asthma And Those Without Asthma. **Conference of Industrial Hygiene and Occupational Medicine**, Kaohsiung, April 28-29, 2012. (Poster)
49. **Chen, P.S.**, Cheng, Y. T., Wang, M. C. (2012). The Concentration Of Indoor Air Pollutants And Children's Lung Function In Kaohsiung Common Household. **Conference of Industrial Hygiene and Occupational Medicine**, Kaohsiung, April 28-29, 2012. (Poster)
50. **Chen, P.S.**, Tsai, F. T., Yen, Y. C. (2012). Airborne Influenza and Avian Influenza Viruses from Long-term Transportation and its Health Effect. **Conference of Industrial Hygiene and Occupational Medicine**, Kaohsiung, April 28-29, 2012. (Oral)
51. **Chen, P.S.**, Ou, C. S., Shen, F. H. (2012). Association Between Air Pollutants And Lung Function Of School Children. **Conference of Industrial Hygiene and Occupational Medicine, Kaohsiung**, April 28-29, 2012. (Oral)
52. **Chen, P.S.**, Ou, C. S., Yan, Y. J. (2011). Association Between Air Pollutants And Lung Function Of School Children. **Taiwan Public Health Association**, Taipei, October 15-16, 2011. (Poster)

53. **Chen, P.S.**, Ou, C. S., Yan, Y. J. (2011). Ultrafine Particles Counts In Elementary School. **Taiwan Public Health Association**, Taipei, October 15-16, 2011. (Poster)
54. **Chen, P.S.**, Cheng, Y. T., Cao, W. L. (2011). The effect factors of Indoor air pollutants In Kaohsiung Common Household. **Taiwan Public Health Association**, Taipei, October 15-16, 2011. (Poster)
55. **Chen, P.S.**, Cheng, Y. T., Cao, W. L. (2011). The Concentration Of Indoor Air Pollutants And Children's Lung Function In Kaohsiung Common Household. **Taiwan Public Health Association, Taipei**, October 15-16, 2011. (Poster)
56. **Chen, P.S.**, Cheng, Y. T., Cao, W. L. (2011). Air Pollution Between In Houses With Asthma And Those Without Asthma. **Taiwan Public Health Association**, Taipei, October 15-16, 2011. (Oral)
57. **Chen, P.S.**, Lee, Y. L., Yen, P. C. (2011). Indoor Air Monitoring In Day-care Centers. **2011 Conference of Campus Safety and Hygiene**, Taipei, October 27-28, 2011. (Poster)
58. **Chen, P.S.**, Ou, C. S., Yen, P. C. (2011). Characterization Of The Bacterial And Fungal Bioaerosols In Three Elementary Schools In Kaohsiung. **2011 Conference of Campus Safety and Hygiene**, Taipei, October 27-28, 2011. (Poster)
59. **Chen, P.S.**, Chen, C. Y., Yen, P. C. (2011). Association Between Air Pollution And Lung Function Of School Children. **2011 Conference of Campus Safety and Hygiene**, Taipei, October 27-28, 2011. (Poster)
60. **Chen, P.S.**, Chen, C. Y., Yen, P. C. (2011). Indoor Air Quality In University. **2011 Conference of Campus Safety and Hygiene**, Taipei, October 27-28, 2011. (Poster)
61. **Chen, P.S.**, Yen, P. C. (2011). Ultrafine Particles Counts In Elementary School. **2011 Conference of Campus Safety and Hygiene**, Taipei, October 27-28, 2011. (Poster)
62. **Chen, P.S.**, Yen, P. C. (2011). Exposure Assessment of Ozone in elementary school in Kaohsiung, Taiwan. **2011 Conference of Campus Safety and Hygiene, Taipei**, October 27-28, 2011. (Poster)
63. **Chen, P.S.**, Lee, Y. L., Houn, W. C. (2011). Indoor Air Monitoring In Day-care Centers. **International Conference of industrial Hygiene and Occupational Medicine**, Taichung, April 23-24, 2011. (Oral)

64. **Chen, P. S.**, Ke, Y. J. (2011). Airborne Mycobacterium tuberculosis Profiles in a Hospital with a Nosocomial TB outbreak. **International Conference of industrial Hygiene and Occupational Medicine**, Taichung, April 23-24, 2011. (Oral)
65. **Chen, P. S.**, Ou, C. S., Chen, W. L. (2011). Characterization Of The Bacterial And Fungal Bioaerosols In Three Elementary Schools In Kaohsiung. **International Conference of industrial Hygiene and Occupational Medicine**, Taichung, April 23-24, 2011. (Oral)
66. **Chen, P. S.**, Ou, C. S., Lin, H. T. (2011). Investigation about the association of children's lung function and air pollution in Kaohsiung City. **International Conference of industrial Hygiene and Occupational Medicine**, Taichung, April 23-24, 2011. (Oral)
67. **Chen, P. S.**, Shen, F. Y. (2011). The influence of children jumping on the bed on PM10/PM2.5/PM1 concentration profile. **International Conference of industrial Hygiene and Occupational Medicine**, Taichung, April 23-24, 2011. (Oral)
68. **Chen, P. S.**, Kuo, W. C., Yen, P. C. (2011). Detection Of Influenza Virus In Human Exhaled Air. **International Conference of industrial Hygiene and Occupational Medicine**, Taichung, April 23-24, 2011. (Oral)
69. **Chen, P. S.**, Chen, C. Y., Lin, H. T. (2011). Indoor Air Quality In University. **International Conference of industrial Hygiene and Occupational Medicine**, Taichung, April 23-24, 2011. (Oral)
70. **Chen, P. S.**, Kuo, W. C., Chen, Y. C. (2011). Concentration Of Enterovirus In Air Samples And Exhaled Samples. **International Conference of industrial Hygiene and Occupational Medicine, Taichung**, April 23-24, 2011. (Oral)
71. **Chen, P. S.**, Lin, H. T., Chen, J. Y. (2011). Ultrafine Particles Counts In Elementary School. **International Conference of industrial Hygiene and Occupational Medicine**, Taichung, April 23-24, 2011. (Oral)
72. **Chen, P. S.**, Yang, C. J. (2011). Exposure Assessment of Ozone in elementary school in Kaohsiung, Taiwan. **International Conference of industrial Hygiene and Occupational Medicine**, Taichung, April 23-24, 2011. (Oral)
73. **Chen, P. S.**, Lee, Y. L., Ke, Y. J. (2011). Indoor Air Monitoring In Day-care Centers. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Poster)
74. **Chen, P. S.**, Houn, W. C. (2011). Airborne Mycobacterium tuberculosis Profiles in a Hospital with a Nosocomial TB outbreak. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Poster)

75. **Chen, P. S.**, Ou, C. S., Yen, P. C. (2011). Characterization Of The Bacterial And Fungal Bioaerosols In Three Elementary Schools In Kaohsiung. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Poster)
76. **Chen, P. S.**, Ou, C. S., Ke, Y. J. (2011). Investigation about the association of children's lung function and air pollution in Kaohsiung City. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Poster)
77. **Chen, P. S.**, Houg, W. C. (2011). Exposure Assessment of Ozone in elementary school in Kaohsiung, Taiwan. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Poster)
78. **Chen, P. S.**, Houg, W. C. (2011). The influence of children jumping on the bed on PM10/PM2.5/PM1 concentration profile. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Oral)
79. **Chen, P. S.**, Kuo, W. C., Yen, P. C. (2011). Detection Of Influenza Virus In Human Exhaled Air. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Oral)
80. **Chen, P. S.**, Chen, C. Y., Ke, Y. J. (2011). Indoor Air Quality In University. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Oral)
81. **Chen, P. S.**, Kuo, W. C., Chen, Y. C. (2011). Concentration Of Enterovirus In Air Samples And Exhaled Samples. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Oral)
82. **Chen, P. S.**, Houg, W. C. (2011). Ultrafine Particles Counts In Elementary School. **The Seventh Asian Aerosol Conference**, Xi'an, August 17-20, 2011. (Oral)
83. **Chen, P. S.**, Yen, P. C. (2011). Real-time Monitoring Of PM2.5 In Primary School. **2011 Conference of Campus Safety and Hygiene**, Taipei, October 27-28, 2011. (Poster)
84. **Chen, P. S.**, Kuo, W. C., Chen, C. Y. (2010). Concentration Of Enterovirus In Air Samples And Exhaled Samples. **2010 International Conference on Aerosol Science and Technology**, Taipei, September 24-25, 2010.(Oral)
85. **Chen, P. S.**, Chen, C. Y. (2010). Indoor Air Quality In University. **2010 International Conference on Aerosol Science and Technology**, Taipei, September 24-25, 2010.(Poster)
86. **Chen, P. S.**, Cheng, Y. T. (2010). The influence of children jumping on the bed on PM10/PM2.5/PM1 concentration profile. **2010 International Conference on Aerosol Science and Technology**, Taipei, September 24-25, 2010.(Poster)

87. **Chen, P. S.**, Lin, H. T., Chen, J. Y. (2010). Ultrafine Particles Counts In Elementary School. **2010 International Conference on Aerosol Science and Technology**, Taipei, September 24-25, 2010.(Poster)
88. **Chen, P. S.**, Ou, C. S., Yen, P. C. (2010). Association Between Air Pollutants And Lung Function Of School Children. **2010 International Conference on Aerosol Science and Technology**, Taipei, September 24-25, 2010.(Poster)
89. **Chen, P. S.**, Kuo, W. C., Chen, C. Y. (2010). Concentration of enterovirus in air samples and exhaled samples. **The American Association for Aerosol Research 29th Annual Conference**, Portland, United State, October 25-29, 2010. (Oral)
90. **Chen, P. S.**, Kuo, W. C., Chang, Y. T. (2010). Detection of Influenza Virus in Human Exhaled Air. **The American Association for Aerosol Research 29th Annual Conference**, Portland, United State, October 25-29, 2010. (Poster)
91. **Chen, P. S.**, Chen, C. Y. (2010) Indoor Air Quality in University. **The American Association for Aerosol Research 29th Annual Conference**, Portland, United State, October 25-29, 2010. (Poster)
92. **Chen, P. S.**, Lin, H. Y., Lai, Y. C. (2010). The distribution of PM10, PM2.5, and PM1 concentrations in primary school in Kaohsiung City. **The American Association for Aerosol Research 29th Annual Conference**, Portland, United State, October 25-29, 2010. (Poster)
93. **Chen, P. S.**, Chen, J. Y., Lin, S. T. (2010). Ultrafine particles counts in elementary school. **The American Association for Aerosol Research 29th Annual Conference**, Portland, United State, October 25-29, 2010. (Poster)
94. **Chen, P. S.**, Ou, C. S., Yan, P. J. (2010). Investigation about the association of children`s lung function and air pollution in Kaohsiung City. **The American Association for Aerosol Research 29th Annual Conference**, Portland, United State, October 25-29, 2010. (Poster)
95. **Chen, P. S.**, Ou, C. S., Yan, P. J. (2010). Characterization of the bacterial and fungal bioaerosols in three elementary schools in Kaohsiung. **The American Association for Aerosol Research 29th Annual Conference**, Portland, United State, October 25-29, 2010. (Poster)
96. **Chen, P. S.**, Tasi, F. T. and Kuo, W. C. (2008). Airborne influenza and avian influenza viruses from long term transportation and its health effect. **The 2008 European Aerosol Conference**, Thessaloniki, Greece, August 24-29, 2008. (Oral)

97. **Chen, P. S.**, Li, Y. L., Huang, T. Y. and Chang, Y. H (2008). Indoor Air Monitoring in Day-care Centers. The 2008 European Aerosol Conference, Thessaloniki, Greece, August 24-29, 2008. (Poster)
98. **Chen, P. S.**, Chen, D. W. (2008). Airborne Mycobacterium tuberculosis Profile in a hospital after an outbreak of tuberculosis. The 2008 European Aerosol Conference, Thessaloniki, Greece, August 24-29, 2008. (Poster)
99. **Chen, P. S.**, Lin, C. K., Tsai, F. T (2008). Detection of airborne influenza and avian influenza virus. The 2008 European Aerosol Conference, Thessaloniki, Greece, August 24-29, 2008. (Poster)
100. **Chen, P. S.** and Chen, D. W. (2007). Airborne Mycobacterium tuberculosis Profile in a hospital after an outbreak of tuberculosis. The American Association for Aerosol Research 26th Annual Conference, Reno, United State, August 24, 2008. (Poster)
101. **Chen, P. S.**, Lin, C. K., Tsai, F. T. and Yang, C. Y. (2007). Airborne influenza and avian influenza viruses from long term transportation and its health effect. The American Association for Aerosol Research 26th Annual Conference, Reno, United State, August 24, 2008. (Poster)
102. **Chen, P. S.**, Lin, C. K. and Tsai, F. T (2007). Detection of airborne influenza and avian influenza virus. The American Association for Aerosol Research 26th Annual Conference, Reno, United State, August 24, 2008. (Oral)
103. **Chen, P. S.**, Li, Y. L., Huang, T. Y. and Chang, Y. H (2007). Indoor Air Monitoring in Day-care Centers. The American Association for Aerosol Research 26th Annual Conference, Reno, United State, August 24, 2008. (Oral)
104. **Chen, P. S.**, Chen, D. W. (2007). Airborne Mycobacterium tuberculosis Profiles in a Hospital with a Nosocomial TB outbreak · 第四屆海峽兩岸氣膠技術研討會暨第五屆海峽兩岸沙塵暴及環境治理學術研討會 · Kaohsiung, August 26, 2007. (Oral)
105. **Chen, P. S.**, Lee, Y. L., Huang, T. Y., Chang, Y. H. (2007). Indoor Air Monitoring In Day-care Centers. 第四屆海峽兩岸氣膠技術研討會暨第五屆海峽兩岸沙塵暴及環境治理學術研討會 · Kaohsiung, August 26, 2007. (Oral)

106. **Chen, P. S.**, Lin, C. K., Tsai, F. T. (2007). Influenza and Avian Influenza Viurs In Ambient Air. 第四屆海峽兩岸氣膠技術研討會暨第五屆海峽兩岸沙塵暴及環境治理學術研討會 · Kaohsiung, August 26, 2007. (Oral)
107. **Chen, P. S.**, Lin, C. K., Tsai, F. T., Yang, C. Y. (2007). Airborne Influenza and Avian Influenza Viruses from Long-term Transportation and its Health Effect. 第四屆海峽兩岸氣膠技術研討會暨第五屆海峽兩岸沙塵暴及環境治理學術研討會 · Kaohsiung, August 26, 2007. (Oral)
108. **Chen, P. S.** and Chen, D. W (2007). Airborne Mycobacterium tuberculosis Profile in a hospital after an outbreak of tuberculosis. The 5th Asian Aerosol Conference, Kaohsiung, Taiwan, August 26, 2007. (Oral presentation)
109. **Chen, P. S.**, Lin, C. K., Tsai, F. T. and Yang, C. Y (2007). Airborne influenza and avian influenza viruses from long term transportation and its health effect. The 5th Asian Aerosol Conference, Kaohsiung, Taiwan, August 26, 2007. (Oral)
110. **Chen, P. S.**, Lin, C. K. and Tsai, F. T (2007). Detection of airborne influenza and avian influenza virus. The 5th Asian Aerosol Conference, Kaohsiung, Taiwan, August 26, 2007. (Oral)
111. **Chen, P. S.**, Li, Y. L., Huang, T. Y. and Chang, Y. H. (2007). Indoor Air Monitoring in Day-care Centers. The 5th Asian Aerosol Conference, Kaohsiung, Taiwan, August 26, 2007. (Oral)
112. **Chen, P. S.**, Chen, D. W. (2007). Airborne Mycobacterium tuberculosis Profiles in a Hospital with a Nosocomial TB outbreak. Conference of TPHA&TEA, Taichung, June 07, 2007 (Oral)
113. **Chen, P. S.**, Lee, Y. L., Huang, T. Y., Chang, Y. H. (2007). Indoor Air Monitoring In Day-care Centers. Conference of TPHA&TEA, Taichung, June 07, 2007 (Oral presentation)
114. **Chen, P. S.**, Lin, C. K., Tsai, F. T. (2007). Airborne Influenza and Avian Influenza Viruses from Long-term Transportation and its Health Effect. Conference of TPHA&TEA, Taichung, June 07, 2007 (Oral)

115. **Chen, P. S.**, Lin, C. K., Tsai, F. T., Yang, C. Y. (2007). Airborne Influenza and Avian Influenza Viruses from Long-term Transportation and its Health Effect. Conference of TPHA&TEA, Taichung, June 07, 2007 (Oral)
116. **Chen, P. S.**, Lin, C. K., Tsai, F. T., Yang, C. Y. (2007). Airborne Influenza and Avian Influenza Viruses from Long-term Transportation and its Health Effect. Conference of Industrial Hygiene and Occupational Medicine, Kaohsiung, April 21, 2007 (Poster)
117. **Chen, P. S.**, Lin, C. K., Tsai, F. T. (2007). Airborne Influenza and Avian Influenza Viruses from Long-term Transportation and its Health Effect. Conference of Industrial Hygiene and Occupational Medicine, Kaohsiung, April 21, 2007 (Poster)
118. **Chen, P. S.**, Lee, Y. L., Huang, T. Y., Chang, Y. H. (2007). Indoor Air Monitoring In Day-care Centers. Conference of Industrial Hygiene and Occupational Medicine, Kaohsiung, April 21, 2007 (Oral)
119. **Chen, P. S.**, Chen, D. W. (2007). Airborne Mycobacterium tuberculosis Profiles in a Hospital with a Nosocomial TB outbreak. Conference of Industrial Hygiene and Occupational Medicine, Kaohsiung, April 21, 2007 (Oral)
120. **Chen, P. S.** and Li, C. S. (2006). Concentration Profiles of Airborne Mycobacterium tuberculosis in a Hospital. The 25th Annual AAAR Conference, St. Paul, United State, September 10-15, 2006. (Poster)
121. **Chen, P. S.** and Li, C. S. (2005). Real-Time Quantitative PCR with Gene Probe, Fluorochrome, and Flow Cytometry for Bioaerosol Analysis. The 24th Annual AAAR Conference Abstracts, Austin, United State, October 17-22, 2005. (Poster)
122. **Chen, P. S.** and Li, C. S. (2005). Sampling Performance for Bioaerosols by Flow Cytometry with Fluorochrome. 24th Annual AAAR Conference Abstracts, Austin, United State, October 17-22, 2005. (Oral)
123. **Chen, P. S.**, Li, C. S. (2004) Sampling Performance for Bioaerosols by Flow Cytometry with Fluorochrome. 2004 International Conference on Aerosol Science and Technology. Taichung October 1-2, 2004. (Oral)
124. **Chen, P. S.**, Li, C. S. (2004) Concentration of Airborne Mycobacterium tuberculosis in Patient Rooms Measured using Real-Time qPCR Coupled to An Air-sampling Filter Method. 2004 International Conference on Aerosol Science and Technology. Taichung October 1-2, 2004. (Oral)

125. **Chen, P. S.** Li, C. S. (2004) Bioaerosol Characterization by Flow Cytometry with Fluorochrome. 2004 International Conference on Aerosol Science and Technology. Taichung October 1-2, 2004. (Oral)
126. **Chen, P. S.** Li, C. S. (2003). Real-Time Quantitative PCR with Gene Probe, Fluorochrome, and Flow Cytometry for Bioaerosol Analysis. 2003 International Conference on Aerosol Science and Technology. Kaohsiung, September 12-13, 2003 (Oral)
127. Li, C. S., **Chen, P. S.**, Wen, Y. M. (2002) ° Collection Efficiency of Filters for Bioaerosols. The 19th Conference of Air Pollution Control and Technology, Taipei, November 29-30, 2002 (Oral)
128. Li, C. S., **Chen, P. S.**, Wen, Y. M. (2002) ° Collection Efficiency of Electrostatic precipitator for Bioaerosols. The 19th Conference of Air Pollution Control and Technology, Taipei, November 29-30, 2002 (Oral)
129. Li, C. S., **Chen, P. S.**, and Wen, Y. M. (2002). Collection Efficiency of Electrostatic precipitator for Bioaerosols. The Sixth International Aerosol Conference Abstracts, Taipei, Taiwan, September 8-13, 2002. (Poster)
130. Li, C. S., **Chen, P. S.**, and Wen, Y. M. (2002). Collection Efficiency of Filters for Bioaerosols. The Sixth International Aerosol Conference Abstracts, Taipei, Taiwan, September 8-13, 2002. (Oral)
131. Li, C. S., **Chen, P. S.**, Wen, Y. M. (2002). Collection Efficiency of Electrostatic Precipitator for Bioaerosols. 2002 International Conference of industrial Hygiene and Occupational Medicine Abstracts, page232, Taipei, April 26-27, 2002. (Oral)
132. Li, C. S., **Chen, P. S.**, Wen, Y. M. (2002). Collection Efficiency of Filtration for Bioaerosols. 2002 International Conference of industrial Hygiene and Occupational Medicine Abstracts, Taipei, April 26-27, 2002. (Oral)