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Position Professor
Qualifications Doctor of Public Health in Nutritional Epidemiology,
Harvard School of Public Health
Master of Public Health in Nutrition, National Defense
Medical Center
Licensed Dietitian



Projects and tasks:

Current investigative activities

- Dietary patterns of shift workers
- Healthy Ageing Index for Taiwanese elderly
- The relationship between dietary patterns and total well-being in children and elderly of Taiwan
- Nutrition economics

Professional experience

- 8/2010-Present
 - Professor, School of Public Health, NDMC, ROC
 - Courses for graduate students: Nutritional Epidemiology, Biostatistics, Statistical Consultation, Public Health Nutrition, Therapeutic Nutrition, Medical Data Management, Study Design in Public Health, Seminar
 - Courses for undergraduate students: Public Health Nutrition, Normal Nutrition, Demographics and Vital Statistics
- 8/1994-7/2010
 - Associate Professor, School of Public Health, NDMC, ROC
- 2/2009-Present
 - Adjunct Research Fellow, Monash Asia Institute, Faculty of Arts,

Monash University, Australia

- 8/1989-7/1994
 - Lecturer, School Public Health, NDMC, Taipei, Taiwan, ROC
- 9/1988-7/1989
 - Assistant Lecturer, School of Public Health, NDMC, ROC
- 8/1984-7/1986
 - Administrative Dietitian, Cadet's Training Command, NDMC, ROC
- 6/1983-6/1984
 - Dietitian (Administrative and Clinical), Department of Nutrition, Tri-Service General Hospital, Taipei, Taiwan, ROC

Service

- Consultant, Study Design and Bio-statistics Consultant Group, School of Public Health, NDMC, Taipei, Taiwan, R.O.C.
- Manuscript Editor, Asia Pacific Journal of Clinical Nutrition

Honors and Awards:

- 11/2018 Award of High Impact Factor Paper for Outstanding Researcher at NDMC
- 9/2018 Outstanding Mentor of the Year Award at NDMC
- 11/2017 Award of Prof Philip Bard for Outstanding Researcher at NDMC
- 11/2016 Award of Prof Philip Bard for Outstanding Researcher at NDMC
- 11/2015 Award of Prof Philip Bard for Outstanding Researcher at NDMC
- 11/2014 Award of Prof Philip Bard for Outstanding Researcher at NDMC
- 11/2013 Award of Prof Philip Bard for Outstanding Researcher at NDMC
- 11/2012 Award of Dr. T.W. Lo for Outstanding Researcher at NDMC
- 9/2011 Outstanding Faculty of the Year Award at NDMC
- 11/2010 Memorial Award of Dr. J. Heng Liu for Outstanding Contribution in Public Health Research and Service at NDMC
- 9/2009 Outstanding Mentor of the Year Award at NDMC
- 5/2009 Outstanding Nutrition Academic Research Award by Nutrition Society of Taiwan
- 9/2007 Outstanding Mentor of the Year Award at NDMC
- 11/2006 Memorial Award of Dr. J. Heng Liu for Outstanding Contribution in Public Health Research and Service at NDMC
- 9/2003 Outstanding Faculty of the Year Award by Department of Defense, ROC
- 3/2002 Special Teaching Achievement of the Year by Department of Defense, ROC
- 9/1998 Outstanding Faculty of the Year Award by Department of Defense, ROC
- 11/1994 Memorial Award of Mr. Hsien-Chang Chen for Outstanding Researcher at NDMC
- 1994 Research Scholar Award by National Science Council, ROC
- 11/1993 Memorial Award of Mr. Hsien-Chang Chen for Outstanding Researcher at NDMC
- 1993 Research Scholar Award by National Science Council, ROC
- 11/1992 Memorial Award of Dr. J. Heng Liu for Outstanding Contribution in Public Health Research and Service at NDMC
- 1991 Research Scholar Award by National Science Council, ROC
- 11/1990 Memorial Award of Dr. Su-Jen Pan for Outstanding Faculty at NDMC
- 1988 Research Scholar Award by National Science Council, ROC

- 5/1988 Memorial Award of Prof. Joseph S. Chen for Outstanding Graduate Student of Nutrition Science by Nutrition Society of Taiwan
- 11/1987 Memorial Award of Dr. J. Heng Liu for Outstanding Graduate Student at NDMC

Society and organization memberships:

- 1979- Present, Member, The Nutrition Society of Taiwan
- 2015- Board Member, The Nutrition Society of Taiwan
- 1988- Present, Member, The Taiwan Public Health Association

Membership of Editorial Boards:

- 7/2006-12/2016, Manuscript Editor, Asia Pacific Journal of Clinical Nutrition
- 1/2017- Present, Co-Editor, Asia Pacific Journal of Clinical Nutrition
- 6/2018- Present, Editor-in-Chief, Nutritional Sciences Journal

Selected Refereed Journals (*corresponding author)

- Fuh MMT, Lee MMS, Jeng CY, et al. Effect of low fat-high carbohydrate diets in hypertension patients with non-insulin-dependent diabetes mellitus. *Am J Hypertens* 1990;3:527-32.
- Lee MMS, Pan WH, Yu SL, Huang PC. Foods predictive of nutrient intake in Chinese diet in Taiwan: (I) total calories, protein, fat and fatty acids. *Int J Epidemiol* 1992;21:922-8.
- Pan WH, Lee MMS, Yu SL, Huang PC. Foods predictive of nutrient intake in Chinese diet in Taiwan: (II) vitamin A, vitamin B1, vitamin B2, vitamin C and calcium. *Int J Epidemiol* 1992;21:929-34.
- Chu NF, Lee MMS, Wang DJ, Chen LM, Shieh SM. The reappraisal of the glycosylated hemoglobin A1c (HbA1c) and blood pressure: A hypertension diabetes study in a Taiwan rural area. *J Clin Epidemiol* 1993;46:173-9.
- Chu NF, Lee MMS, Wang DJ, Chen LM, Ding YA, Shieh SM. The interrelationship between impaired glucose tolerance and other risk factors for cardiovascular disease: Is it a predictor for cardiovascular disease? *J Clin Epidemiol* 1994;47:485-93.
- Chou CC, Lee MMS*. An assessment of the refill of chronic disease prescriptions in a medical center. *Chin J Fam Med* 1994;4:209-18. (in Chinese)
- Chin HML, Lee MMS, Wang HYW. Use and characteristics of special dietary food for hospitalized patients in Taiwan. *J Chin Nutr Soc* 1995;20:329-39. (in Chinese)
- Chang SC, Lee MMS, Li CH, Chen ML. Dietary fiber content and composition of vegetables in Taiwan area. *Asia Pac J Clin Nutr* 1995;4:204-10.
- Chang SC, Lee MMS, Lin CJ, Chen ML. Dietary fiber content and composition of fruits in Taiwan. *Asia Pac J Clin Nutr* 1998;7:206-10.
- Wu CH, Lee MMS, Huang KC, Ko JY, Sheen TS, Hsieh FJ. A probability prediction rule for malignant cervical lymphadenopathy using sonography. *Head & Neck* 2000;22:223-8.
- Wu DM, Pai L, Chu NF, Sung PK, Lee MS, Tsai JT, Hsu LL, Lee MC, Sun CA. Prevalence and clustering of cardiovascular risk factors among healthy adults in a Chinese population: the MJ Health Screening Center Study in Taiwan. *Intl J Obes* 2001;25:1189-95.
- Chan LC, Kao S, Chin HML, Lee MS*. Nutritional status assessment and predictors of community-dwelling and institutionalized elderly in northern Taiwan. *J Chin Nutr Soc* 2002;27:147-58. (in Chinese)
- Chen YC, Su HJJ, Guo YLL, Hsueh YM, Smith TJ, Ryan LM, Lee MS, Christiani DC. Arsenic methylation and bladder cancer risk in Taiwan. *Cancer Causes Control* 2003;14:303-10.

- Chen YC, Guo YLL, Su HJJ, Hsueh YM, Smith TJ, Ryan LM, Lee MS, Chao SC, Lee JYY, Christiani DC. Arsenic methylation and skin cancer risk in Southwestern Taiwan. *J Occup Environ Med* 2003;45:241-8.
- Lyu LC, Hsu CY, Yeh CY, Lee MS, Huang SH, Chen CL. A case-control study of the association of diet and obesity with gout in Taiwan. *Am J Clin Nutr* 2003;78:690-701.
- Chan LC, Chin HML, Lee MS. Exploration of the effectiveness in the training courses for home-care nutrition services. *J Chin Nutr Soc* 2003;28:138-47. (in Chinese)
- Chang WK, McClave SA, Lee MS, Chao YC. Monitoring bolus nasogastric tube feeding by the Brix value determination and residual volume measurement of gastric contents. *JPEN J Parenter Enteral Nutr* 2004;28:105-12.
- Lyu LC, Huang SH, Hsu CY, Lee MS, Lin S-H. Interrelationships of nutrient intakes for urban Chinese Spouses in Taiwan. *Int J Food Sci & Nutr* 2004;55:227-36.
- Huang KC, Lee MS, Lee SD, Change YH, Lin YC, Tu SH, Pan WH. Obesity in the elderly and its relationship with cardiovascular risk factors in Taiwan. *Obes Res* 2005;13:170-8.
- Lin JA, Yeh CC, Lee MS, Wu CT, Lin SL, Wong CS. Prolonged injection time and light smoking decrease the incidence of fentanyl-induced cough. *Anesth Analg* 2005;101:670-4.
- Lee MS*, Lin SJ, Chang HY, Lyu LC, Pan WH. High prevalence of hyperuricemia in elderly Taiwanese. *Asia Pac J Clin Nutr* 2005;14:285-92.
- Lee MS*, Wahlqvist ML. Population-based studies of nutrition and health in Asia Pacific elderly. *Asia Pac J Clin Nutr* 2005;14:294-7. (Editorial)
- Lee MS*, Pan WH, Liu KL, Yu MS. Reproducibility and validity of a Chinese food frequency questionnaire used in Taiwan. *Asia Pac J Clin Nutr* 2006;15:161-9
- Lo HY, Lee MS, Ma FC. Evaluation of a specialist training program concerned with medical nutritional therapy in pulmonary disease. *J Med Education* 2006;10:54-61.
- Wahlqvist ML, Lee MS*. Nutrition in health care practice. *J Med Sci* 2006;26(5):157-64.
- Chou YC, Wu MH, Yu JC, Lee MS, Yang T, Shih HL, Wu TY, Sun CA. Genetic polymorphisms of the methylenetetrahydrofolate reductase gene, plasma folate levels, and breast cancer susceptibility: a case-control study in Taiwan. *Carcinogenesis* 2006;27:2295-300.
- Chou YC, Lee MS, Wu MH, Shih HL, Yang T, Yu CP, Yu JC, Sun CA. Plasma homocysteine as a metabolic risk factor for breast cancer: findings from a case-control study in Taiwan. *Breast Cancer Res Treat* 2007;101:199-205.
- Wahlqvist ML, Lee MS. Regional food culture and development. *Asia Pac J Clin Nutr* 2007;16(S1):2-7.
- Pan WH, Lee MS. The double malnutritional burden and regional disparities in Taiwan elementary school children: survey database and reference values. *Asia Pac J Clin Nutr* 2007;16(S2):478-506.
- Lee MS*, Wahlqvist ML, Yu HL, Pan WH. Hyperuricemia and metabolic syndrome in Taiwanese children. *Asia Pac J Clin Nutr* 2007;16(S2):594-600.
- Jin YR, Lee MS, Lee JH, Hsu HK, Lu JY, Chao SS, Chen KT, Liou SH, Ger LP. Dietary vitamin A/precursors and lung cancer risk in Taiwan: with special reference to garland chrysanthemum and sweet potato leaves consumption. *Asia Pac J Clin Nutr* 2007;16:477-88.
- Pan WH, Lee MS, Chuang SY, Lin YC, Fu ML. Obesity pandemic, correlated factors and guidelines to define, screen and manage obesity in Taiwan. *Obes Rev* 2008;9(S1):22-31.
- Lee MS*, Lai CJ, Yang FY, Su HH, Yu HL, Wahlqvist ML. A global overall dietary index: ODI-R revised to emphasize quality and over quantity. *Asia Pac J Clin Nutr* 2008;17(S1):82-6.
- Yang FY, Wahlqvist ML, Lee MS*. Body mass index (BMI) as a major factor in the incidence of the metabolic syndrome and its constituents in unaffected Taiwanese from 1998 to 2002. *Asia Pac J Clin Nutr* 2008;17(2):339-51.

- Lee MS*, Li HL, Hung TH, Chang HY, Yang FL, Wahlqvist ML. Vitamin D intake and its food sources in Taiwanese. *Asia Pac J Clin Nutr* 2008;17(3):397-407.
- Wahlqvist ML, Li D, Sun JQ, Ge K, Paik HY, Cho SH, Lee SK, Huang Cj, Lee MS. Nutrition Leadership Training in North-East Asia: an IUNS initiative in conjunction with nutrition societies in the region. *Asia Pac J Clin Nutr* 2008;17(4):672-82.
- Chu CM, Lee MS*, Hsu YH, Y HL, Wu TY, Chang SC, Lyu LC, Chou FJ, Shao YP, Wahlqvist ML. Quality assurance with an informatics auditing process for Food Composition Tables. *J Food Compos Anal* 2009;22(7-8):718-27.
- Lee MS*, Huang LY, Chen MC, Wahlqvist ML. The demography of food in health security: current experience with dairy consumption in Taiwan. *Asia Pac J Clin Nutr* 2009;18(4):585-9.
- Lo YT, Chang YH, Lee MS, Wahlqvist ML. Health and nutrition economics: diet costs are associated with diet quality. *Asia Pac J Clin Nutr* 2009;18(4):598-604.
- Wahlqvist ML, Keatinge JDH, Butler CD, Friel S, McKay J, Easdown W, Kuo KN, Huang CJ, Pan WH, Yang RY, Lee MS, et al. A Food in Health Security (FIHS) platform in the Asia-Pacific Region: the way forward. *Asia Pac J Clin Nutr* 2009;18(4):688-702.
- Hsu YC, Pan RY, Shin YY, Lee MS, Huang GS. Superior-capsular elongation and its significance in atraumatic posteroinferior multidirectional shoulder instability in MR arthrography. *Acta Radiol* 2010;51(3):302-8.
- Lee MS*, Huang YC, Wahlqvist ML. Chewing ability in conjunction with food intake and energy status in later Life affects survival in Taiwanese with the metabolic syndrome. *J Am Geriatr Soc* 2010;58:1072-80.
- Lee MS*, Hsu CC, Wahlqvist ML, Tsai HN, Chang YH, Huang YC. Type 2 diabetes increases and metformin reduces total, colorectal, liver and pancreatic cancer incidences in Taiwanese: a representative population prospective cohort study of 800,000 individuals. *BMC Cancer* 2011;11:20.
- Li CL, Chen SY, Lan C, Pan WH, Chou HC, Bai YB, Tzeng MS, Lee MS, Lai JS. The effects of physical activity, body mass index (BMI) and waist circumference (WC) on glucose intolerance in older people: a nationwide study from Taiwan. *Arch Gerontol Geriatr* 2011;52:54-9.
- Huang HH, Lee MS, Shih YL, Chu HC, Huang TY, Hsieh TY. Modified mallampati classification as a clinical predictor of peroral esophagogastroduodenoscopy tolerance. *BMC Gastroenterol* 2011;15:11:12.
- Lee MS*, Huang YC, Wahlqvist ML, Wu TY, Chou YC, Wu MH, Yu JC, Sun CA. Vitamin D decreases risk of breast cancer in premenopausal women of normal weight in subtropical Taiwan. *J Epidemiol* 2011;21:87-94.
- Huang YC, Lee MS*, Pan WH, Wahlqvist ML. Validation of a simplified food frequency questionnaire as used in the Nutrition and Health Survey in Taiwan (NAHSIT) for the elderly. *Asia Pac J Clin Nutr* 2011;20:134-40.
- Hsu CC, Wahlqvist ML, Lee MS, Tsai HN. Incidence of dementia is increased in type 2 diabetes and reduced by the use of sulfonylureas and metformin: a national representative cohort study in Taiwan. *J Alzheimers Dis* 2011;24:485-93.
- Wahlqvist ML, Lee MS. Clinical nutrition for an ageing population. *Anti-Aging Medicine* 2011;8(3):30-4.
- Chiang PH, Wahlqvist ML, Lee MS, Huang LY, Chen HH, Huang ST. Fast food outlets and walkability in school neighbourhoods predict fatness in boys and height in girls: A Taiwanese population study. *Public Health Nutr* 2011;14(9):1601-9.
- Chou YC, Chu CH, Wu MH, Hsu GC, Yang T, Chou WY, Huang HP, Lee MS, Yu CP, Yu JC, Sun CA. Dietary intake of vitamin B6 and risk of breast cancer in Taiwanese women. *J Epidemiol* 2011;21(5):329-36.

Chu DM, Wahlqvist ML, Lee MS, Chang HY. Central obesity predicts non-Hodgkin's lymphoma mortality and overall obesity predicts leukemia mortality in adult Taiwanese. *J Am Coll Nutr* 2011;30(5):310-9.

Chen RCY, Chang YH, Lee MS, Wahlqvist ML*. Dietary quality may enhance survival related to cognitive impairment in Taiwanese elderly. *Food Nutr Res* 2011. 55 7387.

Lee MS*, Huang YC, Su HH, Lee MZ, Wahlqvist ML. A simple food quality index predicts mortality in elderly Taiwanese. *J Nutr Health Aging* 2011;15(10):815-21.

Lo YT, Chang YH, Lee MS, Wahlqvist ML*. Dietary diversity and food expenditure as indicators of food security in older Taiwanese. *Appetite* 2012;58(1):180-7.

Yeh CB, Chou YH, Cheng CY, Lee MS, Wang JJ, Fu YK, Shen LH, Lee CH, Huang WS*. Reproducibility of brain dopamine transporter binding with Tc-99m TRODAT-1 SPECT in healthy young men. *Psychiat Res-Neuroim* 2012;201(3):222-5.

Huang YC, Lee MS, Wahlqvist ML*. Prediction of all-cause mortality by B group vitamin status in the elderly. *Clin Nutr* 2012;31(2):191-8.

Tsai YT, Liu JP, Tu YK, Lee MS, Chen PR, Hsu HC, Chen MF, Chien KL. Relationship between dietary patterns and serum uric acid concentrations among ethnic Chinese adults in Taiwan. *Asia Pac J Clin Nutr* 2012;21(2):263-70.

Chen RC, Lee MS, Chang YH, Wahlqvist ML. Cooking frequency may enhance survival in Taiwanese elderly. *Public Health Nutr.* 2012;15(7):1142-9.

Chang YH*, Chen RC, Wahlqvist ML, Lee MS. Frequent shopping by men and women increases survival in the older Taiwanese population. *J Epidemiol Community Health.* 2012;66(7):e20.

Wahlqvist ML, Lee MS, Hsu CC, Chuang SY, Lee JT, Tsai HN. Metformin-inclusive sulfonylurea therapy reduces the risk of Parkinson's disease occurring with Type 2 diabetes in a Taiwanese population cohort. *Parkinsonism Relat Disord* 2012;18(6):753-8.

Lee MS*, Huang LY, Chang YH, Huang S, Yu HL, Wahlqvist ML. Lower birth weight and diet in Taiwanese girls more than boys predicts learning impediments. *Res Dev Disabil* 2012;33:2203-12.

Chu DM, Wahlqvist ML, Chang HY, Yeh NH, Lee MS*. Choline and betaine food sources and intakes in Taiwanese. *Asia Pac J Clin Nutr* 2012;21(4):547-57.

Chang YH, Chen RCY, Lee MS, Wahlqvist ML*. Increased medical costs in elders with the metabolic syndrome are most evident with hospitalization of men. *Gen Med* 2012;9(5):348-60.

Lee MS, Chen RCY, Chang YH, Huang YC, Wahlqvist ML*. Physical function mitigates the adverse effects of being thin on mortality in a free-living older Taiwanese cohort. *J Nutr Health Aging* 2012;16(9):776-83.

Xiu LL, Lee MS, Wahlqvist ML*, Chen RCY, Huang YC, Chen KJ, Li D. Low and high homocysteine are associated with mortality independent of B group vitamins but interactive with cognitive status in a free-living elderly cohort. *Nutr Res* 2012;32(12):928-39.

Wahlqvist ML*, Lee MS, Chuang SY, Hsu CC, Tsai HN, Yu SH, Chang HY. Increased risk of affective disorders in type 2 diabetes is minimised by sulfonylurea and metformin combination: a population-based cohort study. *BMC Med* 2012;10(1):150.

Lo YT, Chang YH, Wahlqvist ML, Huang HB, Lee MS*. Spending on vegetable and fruit consumption could reduce all-cause mortality among older adults. *Nutr J* 2012;11(1):113.

Chien KL*, Lee MS, Tsai YT, Chen PR, Lin HJ, Hsu HC, Lee YT, Chen MF. A Taiwanese food frequency questionnaire correlates with plasma docosahexaenoic acid but not with plasma eicosapentaenoic acid levels: questionnaires and plasma biomarkers. *BMC Med Res Methodol* 2013;13:23.

Huang YC, Wahlqvist ML, Lee MS*. Sleep quality in the survival of elderly Taiwanese: roles for dietary diversity and pyridoxine in men and women. *J Am Coll Nutr* 2013;32(6):417-27.

Lo YT, Wahlqvist ML, Chang YH, Kao S, Lee MS*. Dietary diversity predicts type of medical

expenditure in elders. *Am J Manag Care* 2013;19(12):e415-e423.

Wahlqvist ML*, Huang LY, Lee MS, Chiang PH, Chang YH, Tsao AP. Dietary quality of elders and children is interdependent in Taiwanese Communities: a NAHSIT mapping study. *Ecol Food Nutr* 2014;53(1):81-97.

Chuang SY, Chang HY, Lee MS, Chen RCY, Pan WH. Skeletal muscle mass and risk of death in an elderly population. *Nutr Metab Cardiovasc Dis* 2014;24:784-91.

Huang LY, Wahlqvist ML, Huang YC, Lee MS*. Optimal dairy intake is predicated on total, cardiovascular and stroke mortalities in a Taiwanese cohort. *J Am Coll Nutr* 2014;33(6):426-36.

Huang YC, Wahlqvist ML, Lee MS*. Appetite predicts mortality in free-living older adults in association with dietary diversity: a NAHSIT cohort study. *Appetite* 2014;83:89-96.

Lee MS, Wahlqvist ML, Chou YC, Fang WH, Lee JT, Kuan JC, Liu HY, Lu TM, Xiu LL, Hsu CC, Andrews EB, Pan WH. Turmeric improves post-prandial working memory in pre-diabetes independent of insulin. *Asia Pac J Clin Nutr* 2014;23(4):581-91.

Chang HY, Wahlqvist ML, Liu WL, Lee MS, Shin SJ, Li YS, Chang CJ, Chang CT, Fuh MT, Yang HJ, Tai TY, Hsu CC. Management trajectories in the type 2 diabetes Integrated Delivery System project in Taiwan: accounting for behavioral therapy, nutrition education and therapeutics. *Asia Pac J Clin Nutr* 2014;23(4):592-606.

Huang YC, Wahlqvist ML, Kao MD, Wang JL, Lee MS*. Optimal dietary and plasma magnesium statuses depend on dietary quality for a reduction in the risk of all-cause mortality in older adults. *Nutrients* 2015;7:5664-83.

Ho CY, Huang YC, Lo YTC, Wahlqvist ML, Lee MS*. Breakfast is associated with the metabolic syndrome and school performance among Taiwanese children. *Res Dev Disabil* 2015;43-44:179-88.

Peng CJ, Lee MS, Wahlqvist ML, Pan WH, Lee WC, Lin C, Guo HR. Needs-based food and nutrient security indices to monitor and modify the food supply and intakes: Taiwan, 1991-2010. *Food Policy* 2015;57:142-52.

Lee MS*, Wahlqvist ML, Peng CJ. Dairy foods and health in Asians: Taiwanese considerations. *Asia Pac J Clin Nutr* 2015;24(Suppl 1):S14-20.

Lo YTC, Wahlqvist ML, Huang YC, Lee MS*. Elderly Taiwanese who spend more on fruits and vegetables and less on animal-derived foods use less medical services and incur lower medical costs. *Br J Nutr* 2016;115:823-33.

Wahlqvist ML*, Lee MS, Lee JT, Hsu CC, Chou YC, Fang WH, Liu HY, Xiu L, Andrews ZB. Cinnamon users with pre-diabetes have a better fasting working memory: a cross-sectional function study. *Nutr Res* 2016;36:305-10.

Wahlqvist ML, Xiu L, Lee MS*, Chen RCY, Chen KJ, Li D. Dietary diversity no longer offsets the mortality risk of hyperhomocysteinaemia in older adults with diabetes: a prospective cohort study. *Asia Pac J Clin Nutr* 2016;25(2):414-23.

Lo YTC, Wahlqvist ML, Chang YH, Lee MS*. Combined effects of chewing ability and dietary diversity on medical service utilization and expenditure. *J Am Geriatr Soc* 2016;64(6):1187-94.

Lo YTC, Wahlqvist ML, Huang YC, Chuang SY, Wang CF, Lee MS*. Medical costs of a low skeletal muscle mass are modulated by dietary diversity and physical activity in community-dwelling older Taiwanese: A longitudinal study. *Int J Behav Nutr Phys Act* 2017;14(1):31.

Huang YC, Cheng HL, Wahlqvist ML, Lo YTC, Lee MS*. Gender differences in longevity in free-living older adults who eat-with-others: a prospective study in Taiwan. *BMJ Open* 2017;7(9):e016575.

Huang LY, Wahlqvist ML, Lee MS, Chiang PH*. Dietary quality linkage to overall competence at school and emotional disturbance in representative Taiwanese young adolescents: dependence on gender, parental characteristics and personal behaviors. *Nutr J* 2018;17(1):29.

- Huang YC, Wahlqvist ML, Lo YTC, Lin C, Chang HY, Lee MS*. A non-invasive modifiable Healthy Ageing Nutrition Index (HANI) predicts longevity in free-living older Taiwanese. *Sci Rep* 2018;8:7113.
- Wu ZF, Lee MS, Wong CS, Lu CH, Huang YS, Lin KT, Lou YS, Lin C, Chang YC, Lai HC*. Propofol-based total intravenous anesthesia is associated with better survival than desflurane anesthesia in colon cancer surgery. *Anesthesiology* 2018;129:932-41.
- Chen YC, Huang YC, Lo YTC, Wu HJ, Wahlqvist ML, Lee MS*. Secular trend towards ultra-processed food consumption and expenditure compromises dietary quality among Taiwanese adolescents. *Food Nutr Res* 2018;62:1565.
- Yang YC, Lee MS, Cheng HL, Chou HY, Chan LC*. More frequent nutrition counseling limits weight loss and improves energy intake during oncology management: a longitudinal inpatient study in Taiwan. *Nutr Cancer* 2018;71(3):452-60.
- Chan LC*, Ou YN, Lee MS, Cheng HL, Wang CH. Energy requirements for ICU burn patients in whom the total body surface area affected exceeds 50 percent: a practical equation. *Asia Pac J Clin Nutr* 2018;27(6):1182-9.
- Chung YCE, Chen HC, Chou HCL, Chen IM, Lee MS, Chuang LC, Liu YW, Lu ML, Chen CH, Wu CH, Huang MC, Liao SC, Ni YH, Lai MS, Shih WL, Kuo PH*. Exploration of microbiota targets for major depressive disorder and mood related traits. *J Psychiatr Res* 2019; 111:74–82.
- Lin WL, Lee MS, Wong CS, Chan SM, Lai HC, Wu ZF, Lu CH. Effects of intraoperative propofol-based total intravenous anesthesia on postoperative pain in spine surgery: Comparison with desflurane anesthesia - a randomised trial. *Medicine (Baltimore)*. 2019;98(13):e15074.
- Yang YC, Lee MS, Cheng HL, Chou HY, Chan LC*. More frequent nutrition counseling limits weight loss and improves energy intake during oncology management: a longitudinal inpatient study in Taiwan. *Nutr Cancer* 2019;71(3):452-60.
- Chou YC, Lee MS, Chou JM, Chen TF, Chen YC*, Chen JH*. Association of diet quality and vegetable variety with the risk of cognitive decline in Chinese older adults. *Nutrients* 2019;11:1666.
- Chiang LC, Heitkemper MM, Chiang SL, Tzeng WC, Lee MS, Hung YJ, Lin CH*. Motivational counseling to reduce sedentary behaviors and depressive symptoms and improve health-related quality of life among women with metabolic syndrome. *J Cardiovasc Nurs* 2019;34(4):327-35.
- Lai HC, Lee MS, Lin C, Lin KT, Huang YH, Wong CS, Chan SM, Wu ZF*. Propofol-based total intravenous anaesthesia is associated with better survival than desflurane anaesthesia in hepatectomy for hepatocellular carcinoma: a retrospective cohort study. *Br J Anaesth* 2019;123(2):151-60.
- Liu CK, Huang YC, Lo YTC, Wahlqvist ML, Lee MS*. Dietary diversity offsets the adverse mortality risk among older indigenous Taiwanese. *Asia Pac J Clin Nutr* 2019;28(3):593-600.
- Chiang SL, Heitkemper MM, Hung YJ, Tzeng WC, Lee MS, Lin CH*. Effects of a 12-week moderate-intensity exercise training on blood glucose response in patients with type 2 diabetes: A prospective longitudinal study. *Medicine* 2019;98(36):e16860.
- Shen PC, Chang WC, Lo CH, Yang JF, Lee MS, Dai YH, Lin CS, Fan CY, Huang WY*. Comparison of stereotactic body radiation therapy and transarterial chemoembolization for unresectable medium-sized hepatocellular carcinoma. *Int J Radiat Oncol Biol Phys* 2019;105(2):307-18.