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CURRENT POSITIONS

Professor, Department of Public Health, School of Medicine, College of Medicine, NYCU

Professor, Institute of Public Health, College of Medicine, NYCU

Deputy director, Center for Institutional Research and Data Analytics, NYCU

Director, Center for Health Data and Statistical Research, YangMing Campus, NYCU

Joint appointments:

International Health program (IHP), College of Medicine, NYCU

Master of Public Health program (MPH), College of Medicine, NYCU

Institute of Environmental and Occupational Health Sciences, College of Medicine, NYCU

Institute of Food Safety and Health Risk Assessment, College of Pharmaceutical Sciences, NYCU

Master program in Transdisciplinary Long-term Care and Management, NYCU

EDUCATION

DrPH in Biostatistics, School of Public Health, Columbia University, New York, U.S.A.

PROFESSIONAL EXPERIENCE*

*National Yang Ming University (NYMU) and National Chiao-Tung University (NCTU) merged into National Yang Ming Chiao Tung University (NYCU) in 2021

Director, Master of Public Health Program, College of Medicine, NYMU, 2019-2020

Chairman, Institute of Public Health, College of Medicine, NYMU, 2015-2019

Director, Department of Public Health and Medical Humanities, School of Medicine, College of Medicine, NYMU, 2015-2019

Director, Office of Institutional Research, NYMU, 2019-2021

Director, Biostatistical Consulting Center, NYMU, 2012-2017

Associate professor, Department of Public Health, School of Medicine, College of Medicine,

NYMU, 2007-2013

Assistant Professor, Department of Public Health, School of Medicine, College of
Medicine, NYMU, 2003-2007

Statistician, Northern Manhattan Stroke Study (PI: Dr. Ralph Sacco), Columbia-Presbyterian
Medical Center, New York, New York, USA, 1996-2000

Lecturer, Department of Social Medicine, School of Medicine Faculty of Medicine, National
Yang-Ming University, 1989-2002 (1995- 2000 Doctorate studies in Columbia University,
U.S.A.)

RESEARCH INTEREST

Statistical methods in epidemiologic and clinical studies

Risk assessment in population health

HONORS AND AWARDS

National Yang-Ming University School of Medicine Outstanding Teaching awards, 2008, 2019

National Science Council Research award, 2000

Distinction awarded to dissertation in School of Public Health, Columbia University, 2000

PUBLICATIONS (Peer review journal articles)

*Correspondent, #Equal contribution

1. Lan CF, **Lin IF**, Wang SJ. Fluoride in drinking water and the bone mineral density of women in Taiwan. *Int J Epidemiol* 1995 Dec;24(6):1182-7
2. Sacco RL, Roberts K, Boden B, Gu Q, **Lin IF**, Kargman DE, Berglund L, Hauser WA, Shea S, Paik MC. Race-Ethnicity and Determinants of Carotid Atherosclerosis in a Multiethnic Population The Northern Manhattan Stroke Study. *Stroke*. 1997;28:929-935
3. Kargman DE, Tuck C, Berglund L, **Lin IF**, Mukherjee RS, Thompson EV, Jones J, Boden-Albala B, Paik MC, Sacco RL. Lipid and lipoprotein levels remain stable in acute ischemic stroke: the Northern Manhattan Stroke Study. *Atherosclerosis* 1998 Aug;139(2):391-9
4. Sacco RL, Gan R, Boden B, **Lin IF**, Kargman DE, Hauser WA, Shea S, Paik MC Leisure-time physical activity and ischemic stroke risk: the Northern Manhattan Stroke Study. *Stroke* 1998 Feb;29(2):380-7
5. Mast H, Thompson JL, **Lin IF**, Hofmeister C, Hartmann A, Marx P, Mohr JP, Sacco RL. Cigarette smoking as a determinant of high-grade carotid artery stenosis in Hispanic, black, and white patients with stroke or transient ischemic attack. *Stroke* 1998 May;29(5):908-12
6. Sacco RL, Elkind M, Boden B, **Lin IF**, Kargman DE, Hauser WA, Shea S, Paik MC. The protective effect of moderate alcohol consumption on Ischemic stroke. *JAMA* 1999;281:53-60

7. Phillips GB, Tuck CH, Jing TY, Boden-Albala B, **Lin IF**, Dahodwala N, Sacco RL Association of hyperandrogenemia and hyperestrogenemia with type 2 diabetes in Hispanic postmenopausal women. *Diabetes Care*. 2000;23(1):74-9.
8. Rundek T, Mast H, Hartmann A, Boden-Albala B, Lennihan L, **Lin IF**, Paik MC, Sacco RL Predictors of resource use after acute hospitalization: the Northern Manhattan Stroke Study. *Neurology*. 2000 Oct 24;55(8):1180-7.
9. Elkind MS, **Lin IF**, Grayston JT, Sacco RL Chlamydia pneumoniae and the risk of first ischemic stroke : The Northern Manhattan Stroke Study. *Stroke* 2000;31(7):1521-5. (SCI)
10. Paik MC, Sacco RL and **Lin IF**. Bivariate binary data analysis with missing outcomes. *Biometrics* 2000;56:1145-1156
11. Ho SJ, **Lin IF**, Chuang ML, Lin CS, Lin MC, Tsao TCY. Comparison of lactate threshold using plasma and whole blood lactate during a ramp pattern exercise in dyspneic patients. *J. Thoracic Medicine*. (In Chinese) 2001;16:80-88.
12. Sacco RL, Benson RT, Kargman DE, Boden-Albala B, Tuck C, **Lin IF**, Cheng JF, Paik MC, Shea S, Berglund L. High-density lipoprotein cholesterol and ischemic stroke in the elderly: the Northern Manhattan Stroke Study. *JAMA* 2001; 285(21):2729-35
13. Sacco RL, Boden-Albala B, Abel G, **Lin IF**, Elkind M, Hauser WA, Paik MC, Shea S. Race-ethnic disparities in the impact of stroke risk factors: the northern Manhattan stroke study. *Stroke* 2001 32(8):1725-31
14. Chuang ML, **Lin IF**, Wasserman K. The body weight-walking distance product as related to lung function, anaerobic threshold and peak in COPD patients. *Respiratory Medicine* 2001;95(7):618-26
15. **Lin IF**, Paik MC. Matched case-control data analysis with selection bias. *Biometrics* 2001;57:1106-1112
16. Jacobs BS, Boden-Albala B, **Lin IF**, Sacco RL. Stroke in the young in the northern Manhattan stroke study. *Stroke* 2002;33(12):2789-983
17. Chuang ML, **Lin IF**, Tsai YH, Vintch JRE, Pang LC. The utility of open lung biopsy in patients with diffuse pulmonary infiltrates as related to respiratory distress, its impact on decision making by urgent intervention, and the diagnostic accuracy based on the biopsy location. *J Intensive Care Med* 2003;18:21-28.
18. **Lin IF**, Chuang ML, Liao YF, Chen NH, Li HY. Predicting effective continuous positive airway pressure in Chinese patients with obstructive sleep apnea syndrome. *J. of the Formosan Medical Association*. 2003;102:215-21
19. Chuang ML, **Lin IF**, Vintch JRE. Comparison of estimated and measured maximal oxygen uptake during exercise testing in patients with chronic obstructive pulmonary disease. *Internal Medicine Journal* 2004;34(8):469-74.
20. Chuang ML, Chuang DCC, **Lin IF**, Vintch JRE, Tsao TCC. Ventilation and Exercise Performance after Phrenic Nerve and Multiple Inter-costal Nerve Transfers for Avulsed

Brachial Plexus Injury. *Chest* 2005;128:3434-3439

21. **Lin IF***, Lai MY, Chuang PH. Analysis of Matched Case-Control Data with Incomplete Strata: Applying Longitudinal Approaches. *Epidemiology* 2007;18(4):446-452.
22. Yu WC, Lin YP, **Lin IF**, Chuang SY, Chen CH. Effect of ramipril on left ventricular mass in normotensive hemodialysis patients. *American J Kidney Disease*. 2006;47(3):478-84.
23. Chuang ML, **Lin IF**, Vintch JRE, Ho HJ, Chao SW, and Ker JJW. Significant exercise-induced hypoxemia with equivocal desaturation in patients with chronic obstructive pulmonary disease (COPD). *Internal Medicine Journal* 2006;36(5):294-301
24. Chuang SY, Chou P, Hsu PF, Cheng HM, Tsai ST, **Lin IF**, Chen CH. Presence and progression of abdominal obesity are predictors of future high blood pressure and hypertension. *Am J Hypertens* 2006;19(8):788-95
25. Chou YJ, Huang N, **Lin IF**, Deng CY, Tsai YW, Chen LS, Lee CH. Do physicians and their relatives have a decreased rate of cesarean section? A 4-year population-based study in taiwan. *Birth* 2006;33(3):195-202
26. Chuang ML, **Lin IF**, Vintch JRE, Liao YF. Predicting Continuous Positive Airway Pressure from a Modified Split-Night Protocol in Moderate to Severe Obstructive Sleep Apnea-Hypopnea Syndrome. *Internal Medicine* 2008; 47(18):1585-92
27. Hsu PF, Yu WC, **Lin IF**, Lin YP, Chuang SY, Cheng HM, Chen CH. Differential effects of age on carotid augmentation index and aortic pulse wave velocity in end-stage renal disease patients. *J Chin Med Assoc* 2008; 71(4):166-173.
28. Hwang SL, Hwang JH, Yang YT, Hsieh WA, Chang TC, Guo HR, Tsai MH, Tang JL, **Lin IF***, Chang WP. Estimates of relative risks for cancers in a population post prolonged low dose-rate radiation exposure: a follow-up assessment from 1982 to 2005. *Radiation Research* 2008;170:143-148 (*Corresponding author)
29. Liao YF, **Lin IF**. Dental arch relationships after two-flap palatoplasty in Taiwanese patients with unilateral cleft lip and palate. *Int J Oral Maxillofac Surg*. 2009; 38(11):1133-6
30. Liao YF, Huang CS, **Lin IF**. Intraoral photographs for rating dental arch relationships in unilateral cleft lip and palate. *Cleft Palate Craniofac J*. 2009;46(4):415-9
31. Chan TC, Chen ML, **Lin IF**, Lee CH, Chiang PH, Wang DW, Chuang JH. Spatiotemporal analysis of air pollution and asthma patient visits in Taipei, Taiwan. *Int J Health Geogr*. 2009 May 7;8:26.
32. Sun YF, Leu JD, Chen SM, **Lin IF**, Lee YJ. Results based on 124 cases of breast cancer and 97 controls from Taiwan suggest that the single nucleotide polymorphism (SNP309) in the MDM2 gene promoter is associated with earlier onset and increased risk of breast cancer. *BMC Cancer* 2009, 9:13
33. Leu JD, **Lin IF**, Sun YF, Chen SM, Liu CC, Lee YJ. Association between MDM2-SNP309 and hepatocellular carcinoma in Taiwanese population. *World J Gastroenterol*. 2009;15(44):5592-7

34. Chuang ML, Lee CH, **Lin IF**. Using the Oxygen-Cost Diagram in Ramp-slope Selection for Dyspneic Patients. *Internal Medicine* 2010; 49: 1325-1332
35. Boden-Albala B, Kargman DE, **Lin IF**, Paik MC, Sacco RL, Berglund L. Increased stroke risk and lipoprotein(a) in a multiethnic community: the Northern Manhattan Stroke Study. *Cerebrovascular Diseases* 2010;30(3):237-43
36. Hsieh WA, **Lin IF**, Chang WP, Chen WL, Hsu YH, Chen MS. Lens opacities in young individuals long after exposure to protracted low-dose-rate γ radiation in ^{60}Co -contaminated building in Taiwan. *Radiation Research* 2010;173(2):197-204
37. Leu JD, Wang CY, Tsai HY, **Lin IF**, Chen RC, Lee YJ. Involvement of p53 R72P polymorphism in the association of MDM2-SNP309 with breast cancer. *Oncology Reports*. 2011 Jun;25(6):1755-63.
38. Chuang PH, Chuang JH, **Lin IF***. A Dynamic Estimation of the Daily Cumulative Cases during Infectious Disease Surveillance: Application to Dengue Fever. *BMC Infectious diseases* 2010;10:136 (*Corresponding author)
39. Yen PN, Yang CC, Chang WP, Hwang JS, Lee HC, Kuo KL, **Lin IF***. Perception of quality of life of a cohort population years after relocation from previous low-dose radiation exposure in Co-60 contaminated buildings in Taiwan. *International Journal of Radiation Biology* 2011;85(5):453-460 (*Corresponding author)
40. Chuang ML[‡], **Lin IF**[‡], Vintch JRE, Tien EH. Using Statistical Techniques to Predict Dynamic Arterial PCO₂ in COPD Patients during Maximum Exercise. *Respiratory Care* 2012;57(7):1106 –1114 (‡ Equal contribution)
41. Yu WC, Lin YP, Chuang SY, **Lin IF**, Chen CH. Cardiovascular determinants of prognosis in normotensive hemodialysis patients. *BMC Nephrol*. 2012 Sep 20;13:115
42. Chuang CM[‡], **Lin IF**[‡], Horng HC, Hsiao YH, Shyu IL, Chou P. The impact of gestational diabetes mellitus on postpartum urinary incontinence: a longitudinal cohort study on singleton pregnancies. *BJOG*. 2012 Oct;119(11):1334-43 (‡ Equal contribution)
43. Lee PW, Ji DD, Liu CT, Rampao HS, do Rosario VE, **Lin IF**, Shaio MF. Application of loop-mediated isothermal amplification for malaria diagnosis during a follow-up study in São Tomé. *Malaria J*. 2012 Dec 6;11:408
44. Chen CY, **Lin IF**, Huang SL, Tsai TI, Chen YY. Disposable income with tobacco smoking among young adolescents: a multilevel analysis. *Journal of Adolescent Health*. 2013 Jun;52(6):724-30
45. Lin YS, **Lin IF**, Yen YF, Lin PC, Shiu YC, Hu HY, Yang YP. Impact of an antimicrobial stewardship program with multidisciplinary cooperation in a community public teaching hospital in Taiwan. *Am J Infect Control*. 2013 Nov;41(11):1069-72
46. Huang SL, **Lin IF**, Chen CY, Tsai TI. Impact of tobacco control policies on adolescent smoking: findings from Global Youth Tobacco Survey in Taiwan. *Addiction*. 2013 Oct;108(10):1829-35
47. Yen PN, Yang CC, Chang WP, Wang JD, Hwang JS, Chang TC, Kuo KL, **Lin IF***. Late

- effects on the health-related quality of life in a cohort population decades after environmental radiation exposure. *International Journal of Radiation Biology* 2013; Aug;89(8):639-44 (*Corresponding author)
48. **Lin IF***, Chang WP, Liao YN. Shrinkage Methods Enhanced the Accuracy of Parameter Estimation Using Cox models with Small Number of Events. *J Clinical Epidemiology* 2013; Jul;66(7):743-51 (*Corresponding author)
 49. Chuang ML, **Lin IF**. Clinical characteristics and lung function in chronic obstructive pulmonary disease complicated with impaired peripheral oxygenation. *Internal and Emergency Medicine*. 2013.Sept;9(6):633-40
 50. Chuang ML, **Lin IF**, Chen SP. Kinetics of Changes in Oxyhemoglobin Saturation During Walking and Cycling Tests in COPD. *Respiratory Care*. 2014 ; Mar;59(3):353-62.
 51. Kang SC, Pai FT, Hwang SJ, Tsao HM, Liou DM, **Lin IF**. Noncancer hospice care in taiwan: a nationwide dataset analysis from 2005 to 2010. *J Palliat Med*. 2014;Apr;17(4):407-14
 52. Yen PN[‡], **Lin IF**[‡], Chang WP, Wang JD, Chang TC, Kuo KL, Hwang JS, Liu IC, Chen YT, Yang CC. Risk factors of depression after prolonged low-dose rate environmental radiation exposure. *Int J Radiat Biol*. 2014;Aug;11:1-8 ([‡] Equal contribution)
 53. Hsu LC, Chen YJ, Hsu FK, Huang JH, Chang CM, Chou P, **Lin IF***, Chang FY. The incidence of Japanese encephalitis in Taiwan--a population-based study. *PLoS Negl Trop Dis*. 2014; Jul;24;8(7):e3030 (*Corresponding author)
 54. Yen YF, Hu HY, **Lin IF**, Lai YJ, Su VY, Pan SW, Ting WY, Su WJ. Associations of Metabolic Syndrome and its Components with Mortality in the Elderly: A Cohort Study of 73,547 Taiwanese Adults. *Medicine*. 2015; Jun;94(23):e956
 55. Lin YT, Yen CH, Chen HL, Liao YJ, **Lin IF**, Chen M, Lan YC, Chuang SY, Hsieh SL, Chen YM. The serologic decoy receptor 3 (DcR3) levels are associated with slower disease progression in HIV-1/AIDS patients. *J Formos Med Assoc*. 2015; Jun;114(6):498-503
 56. Duong VT, **Lin IF**, Sorensen K, Pelikan JM, Van Den Broucke S, Lin YC, Chang WP. Health literacy in Taiwan: a population-based study. *Asia Pac J Public Health*. 2015;Jul;27(8):871-80.
 57. Chuang ML, Wu TC, Wang YT, Wang YC, Tsao TC, Wei JC, Chen CY, **Lin IF**. Adjunctive Treatment with Rhodiola Crenulata in Patients with Chronic Obstructive Pulmonary Disease- A Randomized Placebo Controlled Double Blind Clinical Trial. *PLoS One*. 2015; Jun22;10(6):e0128142
 58. Wang MC, **Lin IF***. Managing nonignorable missing data with clustered multinomial Responses. *Statistical Modelling*. 2015;15(6):548-563 (*Corresponding author)
 59. Chuang ML, Lee CY, Chen YF, Huang SF, **Lin IF**. Revisiting unplanned endotracheal extubation and disease severity in intensive care units. *Plos One*. 2015;Oct10(10):e0139864.
 60. Chuang ML, **Lin IF**, Lee CY. Clinical assessment tests in evaluating patients with chronic obstructive pulmonary disease: a cross-sectional study. *Medicine*. 2016 Nov;95(47):e5471.

61. Darboe A, **Lin IF**, Kuo HW. Effort-reward imbalance and self-rated health among Gambian healthcare professionals. *BMC Health Serv Res*. 2016 Apr 11;16(1):125
62. Yen YF, Hu HY, Lee YL, Ku PW, **Lin IF**, Chu D, Lai YJ. Obesity/overweight reduces the risk of active tuberculosis: a nationwide population-based cohort study in Taiwan. *Int J Obes*. 2017 Jun;41(6):971-975
63. Chuang ML, **Lin IF**, Huang SF, Hsieh MJ. Patterns of oxygen pulse curve in response to incremental exercise in patients with chronic obstructive pulmonary disease - an observational study. *Sci Rep* 2017 Sep 7; 7(1):10929
64. Hsieh WA[#], **Lin IF**[#], Ho JH, Chang PW. 30 years follow-up and increased risks of breast cancer and leukaemia after long-term low dose-rate radiation exposure. *British J Cancer* 2017 Dec 5; 117(12):1883-1887 [Epub 2017 Oct 3] (≠ Equal contribution)
65. Duong TV, Sorensen K, Pelikan JM, Van den Broucke S, **Lin IF**, Lin YC, Huang HL, Chang PW. Health-related behaviors moderate the association between age and self-reported health literacy among Taiwanese women. *Women Health* 2018 Jul;58(6):632-646. Epub 2017 Jul 6
66. Hsieh WA[#], **Lin IF**[#], Ho JH, Chang PW. Reply to ‘Comment on ‘30 years follow-up and increased risks of breast cancer and leukaemia after long-term low dose-rate radiation exposure.’’ *British J Cancer* 2018;Mar;118(5):e10[Epub 2018 Feb 13] (≠ Equal contribution)
67. Lee WJ, Liao YC, Wang YF, **Lin IF**, Wang SJ; Fuh JL. Plasma MCP-1 and cognitive decline in patients with Alzheimer’s disease and mild cognitive impairment: a two-year follow-up study. *Sci Rep* 2018 Jan 19; 8(1):1280
68. Chuang ML, Hsieh MJ, Wu TC, **Lin IF**. Developing a new marker of dynamic hyperinflation in patients with obstructive airway disease – an observational study. *Sci Rep* 2019 May 17; 9(1):7514
69. Tsai TH, Huang N, **Lin IF**, Chou YJ. Variation in the 11-year trajectories of medical care seeking behaviors in diabetes patients under a single payer system: persisting gaps to be filled. *BMC Health Serv Res*. 2019 Aug 19;19(1):580
70. Chuang ML, **Lin IF**, Hsieh MJ. More impaired dynamic ventilator muscle oxygenation in congestive heart failure than in chronic obstructive pulmonary disease. *J Clin Med* 2019 Oct 7; 8(10):1641
71. Wang MC, Hu HY, **Lin IF**, Chuang JT. Plasma lipid concentrations and survival in geriatric population: A retrospective cohort study. *Medicine*. 2019 Dec;98(49):e18154
72. Chuang ML, **Lin IF**. Investigating the relationships among lung function variables in chronic obstructive pulmonary disease in men. *PeerJ* 2019 Oct 1;7:e7829
73. Duong TV, Aringazina A, Kayupova G, Nurjanah, Pham TV, Pham KM, Truong TQ, Nguyen KT, Oo WM, Su TT, Majid HA, Sorensen K, **Lin IF**, Chuang Y, Yang SH, Chang PWS. Development and validation of a new short-form health literacy instrument (HLS-SF12) for the general public in six Asian countries. *Health Lit Res Pract* 2019 Apr 10;3(2):e91-e102
74. Tsai TH, Huang N, **Lin IF**, Chou YJ. Severe diabetes complications among patients with

diabetes with regular follow-up: Does care setting matter? *J Eval Clin Pract.* 2020 Aug;26(4):1212-1219

75. Chiu SJ, **Lin IF**, Chou YT, Chien LY. Family quality of life among Taiwanese children with developmental delay before and after early intervention. *J Intellect Disabil Res.* 2020 Aug;64(8):589-601
76. Cheng HY, Wu YC, Lin MH, Liu YL, Tsai YY, Wu JH, Pan KH, Ke CJ, Chen CM, Liu DP, **Lin IF**, Chuang JH. Applying machine learning models with an ensemble approach for accurate real-time influenza forecasting in Taiwan: development and validation study. *J Med Internet Res.* 2020 Aug 5;22(8):e15394
77. Chuang ML, Hsieh BYT, **Lin IF**. Resting Dead Space Fraction as Related to Clinical Characteristics, Lung Function, and Gas Exchange in Male Patients with Chronic Obstructive Pulmonary Disease. *International Journal of General Medicine.* 2021 2021:14 169-177
78. Chuang YH, **Lin IF**, Lao XQ, Lin CQ, Chan TC. The Association Between Renal Function Decline and the Incidence of Urothelial Carcinoma: A 16-year Retrospective Cohort Study in Taiwan. *European Urology Open Science.* 2021 27(2021)1-9
79. Chuang ML, Hsieh BT, **Lin IF**. Prediction and types of dead-space fraction during exercise in male chronic obstructive pulmonary disease patients. *Medicine* 2022;101:6(e28800).
80. Cheng CY, Ku SY, Lin YC, Chen CP, Cheng SH, **Lin IF***. Incidence and risk factors of reinfection with HCV after treatment in people living with HIV. (*Corresponding author) (In revision)

OTHER PUBLICATIONS

Lin IF. A conversation with Kung-Yee Liang. *ICSA Bulletin* July 2016 Vol28/2:97-102
https://icsaimage.files.wordpress.com/2016/07/icsa_bulletin_july2016_online.pdf