

**TING-YUAN (DAVID) CHENG, Ph.D.**

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**OBJECTIVES**

To understand cancer etiology and elucidate prevention strategies, in the aspects of nutrition and obesity, in the overall population and among different racial and ethnic sub-populations using molecular approaches, including molecular pathology.

**EDUCATION**

2013	PhD	Epidemiology, University of Washington, Seattle, WA
2007	MHS	Epidemiology, Johns Hopkins School of Public Health, Baltimore, MD
2000	MS	Environmental & Occupational Health, National Cheng Kung University, Taiwan
1998	BS	Public Health, Chung Shan Medical College, Taiwan

**EMPLOYMENT**

2016/11 – Present	Assistant Professor, Epidemiology, University of Florida, Gainesville, FL
2016/11 – Present	Member, Population Science Program, University of Florida Health Cancer Center, Gainesville, FL
2014/04 – 2016/10	Assistant Professor, Cancer Prevention and Control, Roswell Park Cancer Institute, Buffalo, NY (Adjunct faculty, 2016/11-)
2014/04 – 2016/10	Member, Cancer Center Support Grant (CCSG) Population Science Program, Roswell Park Cancer Institute, Buffalo, NY
2013/07 – 2014/03	Research Assistant Professor, Cancer Prevention and Control, Roswell Park Cancer Institute.
2009 – 2013	Pre-doctoral Research Associate, Cancer Prevention Program, Public Health Sciences, Fred Hutchinson Cancer Research Center, Seattle, WA
2007 – 2009	Research Specialist, Center of Human Nutrition, Department of International Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
2004 – 2005	Senior Research Assistant, Division of Health Policy Research, National Health Research Institutes (NHRI), Taiwan

2001 – 2003      Research Assistant, Division of Health Policy Research, National Health Research Institutes (NHRI), Taiwan

#### **HONORS**

2017      Inaugural fellowship cohort, NCI Transdisciplinary Research on Energetics and Cancer (TREC) training workshop, Westbrook, CT

2012      Travel Award, Mary Frances Picciano Dietary Supplement Research Practicum. National Institutes of Health. Bethesda, MD

2011      Finalist. Student Poster Competition, Experimental Biology. Washington DC

2010      AACR Scholar-in-Training Travel Award. The 9<sup>th</sup> Annual AACR International Conference on Frontiers in Cancer Prevention Research. Philadelphia, PA

2006 – 2007      Foreign Study Scholarship. Ministry of Education, Taiwan

2006      Young Distinguish Scholar. The 8th International Conference of the International Mesothelioma Interest Group. Chicago, Illinois

2004      Distinguished Award, Defense Industry Talents Cultivation System Project, Ministry of Defense

2003      Best Poster Award in 12th World Conference on Tobacco or Health. Helsinki, Finland

2002      Distinguished Research Staff in Division of Health Policy Research, NHRI

#### **COMMITTEE AND SERVICES**

2015 –      Associate Member, Women’s Health Initiative

2015 –      Adjunct Reviewer, Women’s Health Initiative Publications and Presentations Committee

**TEACHING****University of Florida**

Instructor, *Principles of Epidemiology in Public Health* (PHC 6001), 2017 Fall-

**Roswell Park Cancer Institute–University at Buffalo, SUNY, graduate program**

Lecturer, *Cancer Control & Prevention* (PTR 500), 2013–2014

– Topics: Lung cancer epidemiology; colorectal cancer epidemiology; head and neck cancer epidemiology

Lecturer, *Cancer Epidemiology* (RPN 525), 2013–2015

– Topic: Nutritional Epidemiology

**JOURNAL REFEREE**

BMC Cancer (2014, 2017); British Journal of Cancer (2012, 2014); Cancer Causes & Control (2015); Cancer Epidemiology, Biomarkers, and Prevention (2014); Carcinogenesis (2015, 2016, 2017); European Journal of Nutrition (2016); Free Radical Research (2014); International Journal of Cancer (2015); International Journal of Molecular Sciences (2016); Journal of Nutrition (2013, 2016); Journal of Thoracic Oncology (2015)

**PUBLICATIONS**Peer-Reviewed Journal Articles (N=62):

1. Espinal AC, Buas MF, Wang D, **Cheng TD**, Sucheston-Campbell L, Hu Q, Yan L, Payne-Ondracek R, Gomez EC, Tang L, Gong Z, Zirpoli G, Khoury T, Yao S, Omilian A, Demissie K, Bandera EV, Liu S, Ambrosone CB, Higgins MJ. FOXA1 hypermethylation: link between parity and ER negative breast cancer in African American women? *Breast Cancer Res Treat.* 2017 Jul 29. doi: 10.1007/s10549-017-4418-y. [Epub ahead of print].
2. Luo J, Hendryx M, Nassir R, **Cheng TD**, Lane D, Margolis KL. Benign breast disease and risk of thyroid cancer. *Cancer Causes Control.* 2017 Jul 6. doi: 10.1007/s10552-017-0918-7. [Epub ahead of print]
3. Yao S, Kwan ML, Ergas IJ, Roh JM, **Cheng TD**, Hong CC, McCann SE, Tang L, Davis W, Liu S, Quesenberry CP Jr, Lee MM, Ambrosone CB, Kushi LH. Association of Serum Level of Vitamin D at Diagnosis With Breast Cancer Survival: A Case-Cohort Analysis in the Pathways Study. *JAMA Oncol.* 2017 Mar 1;3(3):351-357. doi: 10.1001/jamaoncol.2016.4188. PubMed PMID: 27832250; PubMed Central PMCID: PMC5473032.
4. Yao S, Hong CC, Bandera EV, Zhu Q, Liu S, **Cheng TD**, Zirpoli G, Haddad SA, Lunetta KL, Ruiz-Narvaez EA, McCann SE, Troester MA, Rosenberg L, Palmer JR, Olshan AF, Ambrosone CB. Demographic, lifestyle, and genetic determinants of circulating concentrations of 25-hydroxyvitamin D and vitamin D-binding protein in African American and European American women. *The American Journal of Clinical*

*Nutrition*. 2017 April 19. PubMed PMID: 28424184.

5. Williams LA, Olshan AF, Hong CC, Bandera EV, Rosenberg L, **Cheng TD**, Lunetta KL, McCann SE, Poole C, Kolonel LN, Palmer JR, Ambrosone CB, Troester MA. Alcohol Intake and Breast Cancer Risk in African American Women from the AMBER Consortium. *Cancer Epidemiology, Biomarkers & Prevention*. 2017 April 18. PubMed PMID: 28420652.
6. Navarro SL, Neuhouser ML, **Cheng TY**, Tinker LF, Shikany JM, Snetselaar L, Martinez JA, Kato I, Beresford SA, Chapkin RS, Lampe JW. The interaction between dietary fiber and fat and risk of colorectal cancer in the Women's Health Initiative. *Nutrients*. 2016 Nov 30;8(12). pii: E779. PubMed PMID: 27916893.
7. **Cheng TY**, Shelver WL, Hong CC, McCann SE, Davis W, Zhang Y, Ambrosone CB, Smith DJ. Urinary excretion of the  $\beta$ -adrenergic feed additives ractopamine and zilpaterol in breast and lung cancer patients. *Journal of Agricultural and Food Chemistry*. 2016 Oct 12;64(40):7632-7639. PubMed PMID: 27641640.
8. Ruiz-Narvaez EA, Lunetta KL, Hong CC, Haddad S, Yao S, **Cheng TD**, Bensen JT, Bandera EV, Haiman CA, Troester MA, Ambrosone CB, Rosenberg L, Palmer JR. Genetic variation in the insulin, insulin-like growth factor, growth hormone, and leptin pathways in relation to breast cancer in African American women: the AMBER consortium. *NPJ Breast Cancer (Nature Partner Journals)*. 2016;2. doi:10.1038/npjbcancer.2016.34. PMID: 27942580.
9. Yao S, Kwan ML, Ergas IJ, Roh JM, **Cheng TD**, Hong CC, McCann SE, Tang L, Davis W, Liu S, Quesenberry CP, Ambrosone CB, Kushi LH. Serum 25-hydroxyvitamin D concentrations are independently associated with breast cancer prognostic characteristics and patient prognosis. *JAMA Oncology*. 2016 doi: 10.1001/jamaoncol.2016.4188. PMID: 27832250. [Epub ahead of print]
10. **Cheng TY**, Shankar J, Zirpoli G, Roberts MR, Hong CC, Bandera EV, Ambrosone CB, Yao S. Genetic variants in the mTOR pathway and interaction with body size and weight gain on breast cancer risk in African-American and European American women. *Cancer Causes & Control*. 2016 Aug;27(8):965-76. doi: 10.1007/s10552-016-0774-x. PubMed PMID: 27314662; PubMed Central PMCID: PMC4958603.
11. **Cheng TY**, Ambrosone CB, Hong CC, Lunetta KL, Liu S, Hu Q, Yao S, Sucheston-Campbell L, Bandera EV, Ruiz-Narváez EA, Haddad S, Troester MA, Haiman CA, Bensen JT, Olshan AF, Palmer JR, Rosenberg L. Genetic variants in the mTOR pathway and breast cancer risk in African American women. *Carcinogenesis*. 2016 Jan;37(1):49-55. doi: 10.1093/carcin/bgv160. PubMed PMID: 26577839; PubMed Central PMCID: PMC5006112.
12. Yao S, Haddad SA, Hu Q, Liu S, Lunetta KL, Ruiz-Narvaez EA, Hong CC, Zhu Q, Sucheston-Campbell L, **Cheng TY**, Bensen JT, Johnson CS, Trump DL, Haiman CA, Olshan AF, Palmer JR, Ambrosone CB. Genetic variations in vitamin D-related pathways and breast cancer risk in African American women in the AMBER consortium. *International Journal of Cancer*. 2016 May 1;138(9):2118-26. doi: 10.1002/ijc.29954.
13. **Cheng TY**, Cramb SM, Baade PD, Youlden DR, Nwogu C, Reid ME. The

international epidemiology of lung cancer: Latest trends, disparities, and tumor characteristics. *Journal of Thoracic Oncology*. 2016 October;11(10):1653-71. PubMed PMID: 27364315.

14. **Cheng TY**, Makar KW, Neuhouser ML, Miller JW, Song X, Brown EC, Beresford SAA, Zheng Y, Poole EM, Galbraith, RL, Duggan DJ, Habermann N, Bailey LB, Maneval DR, Caudill MA, Toriola AT, Green R, Ulrich CM. Folate-mediated one-carbon metabolism genes and interactions with nutritional factors on colorectal cancer risk: Women's Health Initiative Observational Study. *Cancer*. 2015 Oct 15;121(20):3684-91. doi: 10.1002/cncr.29465.
15. Neuhouser ML, **Cheng TY**, Beresford SAA, Brown EC, Song X, Miller JW, Zheng Y, Thomson CA, Shikany JM, Vitolins MZ, Rohan T, Green R, Ulrich CM. Red blood cell folate and plasma folate are not associated with risk of incident colorectal cancer in the Women's Health Initiative Observational Study. *International Journal of Cancer*. 2015 Jan 24. DOI: 10.1002/ijc.29453.
16. Gong Z, Yao S, Zirpoli G, **Cheng TY**, Roberts M, Khoury T, Ciupak G, Davis W, Pawlish K, Jandorf L, Bovbjerg DH, Bandera EV, Ambrosone CB. Genetic variants in one-carbon metabolism genes and breast cancer risk in European American and African American women. *International Journal of Cancer*. 2015 Jan 16. doi: 10.1002/ijc.29434.
17. Bae S, Ulrich CM, Neuhouser ML, Malysheva O, Bailey LB, Xiao L, Brown EC, Cushing-Haugen KL, Zheng Y, **Cheng TY**, Miller JW, Green R, Lane DS, Beresford SA, Caudill MA. Plasma choline metabolites and colorectal cancer risk in the Women's Health Initiative Observational Study. *Cancer Research*. 2014 Oct 21. pii: canres.1835.2014.
18. Abbenhardt C, Miller JW, Song X, Brown EC, **Cheng TY**, Wener MH, Zheng Y, Toriola AT, Neuhouser ML, Beresford SAA, Makar KW, Bailey LB, Maneval DR, Green R., Manson J, Van Horn L, Ulrich CM. Biomarkers of one-carbon metabolism are associated with biomarkers of Inflammation in women. *Journal of Nutrition*. 2014 May;144(5):714-21. doi: 10.3945/jn.113.183970.
19. **Cheng TY**, Goodman GE, Thornquist MD, Barnett MJ, Beresford SAA, LaCroix AZ, Zheng Y, Neuhouser ML. Estimated intake of vitamin D and its interaction with vitamin A on lung cancer risk among smokers. *International Journal of Cancer*. 2014 Nov 1;135(9):2135-45. doi: 10.1002/ijc.28846.
20. **Cheng TY**, Millen, ER, Wactawski-Wende J, Beresford SAA, LaCroix AZ, Zheng Y, Goodman GE, Thornquist MD, Neuhouser ML. Vitamin D intake determines vitamin D status of postmenopausal women, particularly those with limited sun exposure. *Journal of Nutrition*. 2014 May;144(5):681-9. doi: 10.3945/jn.113.183541.
21. Bae S, Ulrich CM, Bailey LB, Malysheva O, Brown EC, Neuhouser ML, **Cheng TY**, Miller JW, Zheng Y, Xiao L, Hou L, Song X, Buck K, Beresford SA, Caudill MA. Impact of folic acid fortification on global DNA methylation and one-carbon biomarkers in the Women's Health Initiative Observational Study cohort. *Epigenetics*. 2014 Mar;9(3):396-403. doi: 10.4161/epi.27323.
22. **Cheng TY**, LaCroix AZ, Beresford SAA, Goodman GE, Thornquist MD, Zheng Y,

- Chlebowski RT, Ho GYF, Neuhaus ML. Vitamin D intake and lung cancer risk in the Women's Health Initiative. *American Journal of Clinical Nutrition*. 2013 Oct;98(4):1002-11. doi: 10.3945/ajcn.112.055905.
23. Miller JM, Beresford SAA, Neuhaus ML, **Cheng TY**, Song X, Brown EC, Zheng Y, Rodriguez B, Green R, Ulrich CM. Homocysteine, cysteine and risk of incidence colorectal cancer in the Women's Health Initiative Observational Cohort. *American Journal of Clinical Nutrition*. 2013 Apr;97(4):827-34. doi: 10.3945/ajcn.112.049932.
  24. Toriola AT, **Cheng TY**, Neuhaus ML, Wener MH, Zheng Y, Brown EC, Miller JW, Song X, Beresford SAA, Gunter MJ, Caudill MA, Ulrich CM. Biomarkers of inflammation are associated with colorectal cancer risk in women but are not suitable as early detection markers. *International Journal of Cancer*. 2012 Nov 15. doi: 10.1002/ijc.27942.
  25. Zschaebitz S\*, **Cheng TY\*** (co-first author), Neuhaus ML, Zheng Y, Ray RM, Miller JW, Song X, Bailey LB, Maneval DR, Beresford SAA, Lane D, Shikany JM, Ulrich CM. B vitamin intake and incidence of colorectal cancer: Result from the Women's Health Initiative Observational Study cohort. *American Journal of Clinical Nutrition*. 2013 Feb;97(2):332-43. doi: 10.3945/ajcn.112.034736.
  26. **Cheng TY**, Barnett MJ, Kristal AR, Ambrosone CB, King IB, Thornquist MD, Goodman GE, Neuhaus ML. Serum phospholipid fatty acids, genetic variation in myeloperoxidase and prostate cancer risk: A gene-nutrient interaction in the Carotene and Retinol Efficacy Trial (CARET). *American Journal of Epidemiology*. 2013 May 15;177(10):1106-17. doi: 10.1093/aje/kws356.
  27. **Cheng TY** and Neuhaus ML. Serum 25-hydroxyvitamin D, vitamin A, and lung cancer mortality in the U.S. population: A potential nutrient-nutrient interaction. *Cancer Causes & Control*. 2012 Sep;23(9):1557-65. doi: 10.1007/s10552-012-0033-8.
  28. **Cheng TY**, Barnett MJ, Kristal AR, Ambrosone CB, King IB, Thornquist MD, Goodman GE, Neuhaus ML. Genetic variation in myeloperoxidase modifies the association of serum  $\alpha$ -tocopherol with aggressive prostate cancer among current smokers. *Journal of Nutrition*. 2011; 141(9):1731-7. doi: 10.3945/jn.111.141713.
  29. Wen CP, Wai JPM, Tsai MK, Yang YC, **Cheng TY**, Lee MC, Chan HT, Tsao CK, Tsai SP, Wu X. Minimum amount of physical activity for reduced mortality in Taiwan: a historically prospective cohort study. *Lancet*. 2011; 378(9798):1244-53.
  30. Wen CP, Chan HT, Tsai ML, **Cheng TY**, Chung IWS, Chang YC, Hsu HL, Tsai, SP, Wai JPM. Attributable mortality burden of metabolic syndrome: Comparison with its individual components. *European Journal of Cardiovascular Prevention & Rehabilitation*. 2011;18(4):561-73.
  31. Wen CP, Chan TC, Chan HT, Tsai MK, **Cheng TY**, Tsai SP. The reduction of tuberculosis risks by smoking cessation. *BMC Infect Disease*. 2010;10:156.
  32. Wen CP, **Cheng TY**, Chan HT, Tsai MK, Chung WSI, Tsai SP, Wu SB, Wen SF. Is high serum uric acid a risk marker or a target for treatment? Examination of individuals with low cardiovascular risk in a large cohort. *American Journal of Kidney Disease*. 2010;56(2): 273-88.

33. Wen CP, Tsai MK, Chung WSI, Chang YC, Chan HT, Chiang PH, **Cheng TY**, Tsai SP. Cancer risks from betel quid chewing beyond oral cancer: a multiple-site carcinogen when acting with smoking. *Cancer Causes & Control*. 2010;21(9):1427-35.
34. Wen CP, Cheng CW, **Cheng TY**, Tsai MK, Chiang PH, Tsai SP, Chan HT, Chang YC, Chang HY. Trends in betel quid chewing behavior in Taiwan – Exploring the relationship between betel quid chewing and smoking. *Taiwan Journal of Public Health*. 2009;28:407-19.
35. Wen CP, Tsai SP, Chan HT, **Cheng TY**, Hsu HL, Hsu CC, Eriksen MP. Are Asians at greater mortality risks for being overweight than Caucasians? Redefining obesity for Asians. *Public Health Nutrition*. 2009;12:497–506.
36. Tsai SP, Wen CP, Chan HT, Chiang PH, Tsai MK, **Cheng TY**. The effects of pre-disease risk factors of metabolic syndrome on all-cause and cardiovascular disease mortality. *Diabetes Research and Clinical Practice*. 2008;82(1):148-56.
37. Wen CP, **Cheng TY**, Tsai MK, Chang YC, Chan HT, Tsai SP, Chiang PH, Hsu CC, Sung PK, Hsu YH, Wen SF. All-cause mortality attributable to chronic kidney disease: a prospective cohort study based on 462,293 adults in Taiwan. *Lancet*. 2008;371(9631):2173-82. (372(9654):1950-1; author reply.)
38. **Cheng TY**, Wen SF, Astor BC, Samet JM, Tao X, Wen CP. Mortality risks for all causes and cardiovascular diseases and reduced GFR in a middle-aged working population in Taiwan. *American Journal of Kidney Disease*. 2008;52(6):1051-60.
39. Wen CP, Tsai MK, Chan HT, Tsai SP, **Cheng TY**, Chiang PH. Making hypertensive smokers motivated in quitting: developing ‘blood pressure equivalent of smoking’. *Journal of Hypertension*. 2008;24(4): 672-7.
40. Wen CP, Wai JP, Chan HT, Chan YC, Chiang PH, **Cheng TY**. Evaluating Physical Activity Policy in Taiwan: Comparison of physical activity prevalence between Taiwan and the U.S. *Taiwan Journal of Public Health*. 2007;26(5): 386-99.
41. Huang HY, Caballero B, Chang S, Alberg AJ, Semba RD, Schneyer C, Wilson RF, **Cheng TY**, Prokopowicz G, Barnes GJ 2nd, Vassy J, Bass EB. Multivitamin/Mineral supplements and prevention of chronic disease: executive summary. *American Journal of Clinical Nutrition*. 2007;85(1):265S-268S.
42. Huang HY, Caballero B, Chang S, Alberg AJ, Semba RD, Schneyer CR, Wilson RF, **Cheng TY**, Vassy J, Prokopowicz G, Barnes GJ 2nd, Bass EB. The efficacy and safety of multivitamin and mineral supplement use to prevent cancer and chronic disease in adults: a systematic review for a National Institutes of Health state-of-the-science conference. *Annals of Internal Medicine*. 2006;145(5):372-85.
43. Wen CP, **Cheng TY**, Tsai SP, Hsu HL, Chan HT, Hsu CC. Exploring the relationships between diabetes and smoking: With the development of “glucose equivalent” concept for diabetes management. *Diabetes Research and Clinical Practice*. 2006;73(1):70-6.
44. Wen CP, Peterson R, **Cheng TY**, Tsai SP. Paradoxical increase in cigarette smuggling after the market opening in Taiwan--Will Taiwan become the smuggler’s paradise? *Tobacco Control*. 2006;15(3):160-5.

45. Wen CP, **Cheng TY**, Tsai SP, Hsu HL, Wang SL. Increased mortality risks of pre-diabetes (impaired fasting glucose) in Taiwan. *Diabetes Care*. 2005;28(11):2756-61.
46. Wen CP, **Cheng TY**, Eriksen MP. How opening the market for cigarettes led to an increase in betel quid use in Taiwan. *Public Health*. 2005;119(10): 940-4.
47. Wen CP, Tsai SP, **Cheng TY**, Hsu CC, Chen T, Lin HS. The role of parents and peers in influencing the smoking behavior of high school students in Taiwan. *Tobacco Control*. 2005;14 Suppl 1:i10-5.
48. Wen CP, Levy, DT, **Cheng TY**, Hsu CC, Tsai SP. Smoking Behavior in Taiwan, 2001. *Tobacco Control*. 2005;14 Suppl 1:i51-5.
49. Wen CP, Tsai SP, Chen CJ, **Cheng TY**, Tsai MC, Levy D. Smoking attributable mortality for Taiwan and its projection to 2020 under different smoking scenarios. *Tobacco Control*. 2005;14 Suppl 1:i76-80.
50. Wen CP, **Cheng TY**, Lin CL, Wu HN, Levy DT, Chen LK, Hsu CC, Eriksen MP, Yang HJ, Tsai SP. The health benefits of smoking cessation for adult smokers and for pregnant women in Taiwan. *Tobacco Control*. 2005;14 Suppl 1:i56-61.
51. Wen CP, **Cheng TY**, Eriksen MP, Tsai, SP, Hsu CC. The impact of cigarette market opening in Taiwan. *Tobacco Control*. 2005;14 Suppl 1:i4-9.
52. Hsu CC, Levy DT, Wen CP, **Cheng TY**, Shu CC. The effect of market opening on trends in smoking rates in Taiwan. *Health Policy*. 2005;74(1):69-76.
53. Wen CP, Chen T, Tsai YY, Liu WY, Tsai SP, **Cheng TY**, Are marketing campaigns in Taiwan by foreign tobacco companies targeting young smokers? *Tobacco Control*. 2005;14 Suppl 1:i38-44.
54. Wen CP, Tsai SP, **Cheng TY**, Chen CJ, Levy, DT, Yang HJ, Eriksen MP. Uncovering the relationship between betel quid chewing and cigarette smoking in Taiwan. *Tobacco Control*. 2005;14 Suppl 1:i16-22.
55. Tsai SP, Wen CP, Hu SC, **Cheng TY**, Huang SJ. Workplace smoking-related absenteeism and productivity costs in Taiwan. *Tobacco Control*. 2005;14 Suppl 1:i33-7.
56. Yang MC, Fann CY, Wen CP, **Cheng TY**. Smoking-attributable medical expenditures, years of potential life lost, and the cost of premature death in Taiwan. *Tobacco Control*. 2005;14 Suppl 1:i62-70.
57. Wen CP, Tsai SP, **Cheng TY**, Chung WSI, Jan HT, Chen CJ. Excess injury mortality among smokers- a neglected tobacco hazard. *Tobacco Control*. 2005;14 Suppl 1:i28-32.
58. Levy DT, Wen CP, **Cheng TY**, Oblak M. Increasing taxes to reduce smoking prevalence and smoking-attributable mortality in Taiwan: Results from a Tobacco Policy Simulation Model. *Tobacco Control*. 2005;14 Suppl 1:i45-50.
59. **Cheng TY**, Wen CP, Tsai SP, Chung WSI, Hsu CC. Reducing health disparity in Taiwan: Quantifying the role of smoking. *Tobacco Control*. 2005;14 Suppl 1:i23-7.
60. Wen CP, Hu SC, Huang SJ, Tsai SP, **Cheng TY**. Controlling cigarette smoking in the



workplace in Taiwan: Opportunities and challenges. *Journal of Public Health Policy*. 2004;25(3-4): 315-27.

61. Wen CP, Tsai SP, Chen CJ, **Cheng TY**. The mortality risks of smokers in Taiwan Part I: Cause specific mortality. *Preventive Medicine*. 2004;39(3):528-35.
62. **Cheng TY**, Wen CP, Tsai MC, Tsai, SP The current status of smoking behavior in Taiwan: Data analysis from National Health Interview Survey in 2001. *Taiwan Journal of Public Health*. 2003;22:453-64.

#### Conference Abstracts

1. **Cheng TY**, Ondracek RP, Yao S, Bshara W, Khoury T, Zirpoli GR, Davis W, Bandera EV, Higgins M, Ambrosone CB. Breast tumor FOXA1 protein expression and reproductive characteristics among African-American and European-American women. *AACR Annual Meeting 2017*; Washington, D.C., April 1-5, 2017. (**oral presentation**)
2. **Cheng TY**, Darke AK, Redman MW, Zirpoli GR, Davis W, Ondracek RP, Bshara W, Kratzke R, Molina JR, Kolesar JM, Chen Y, MacRae RM, Moon J, Mack P, Gandara DR, Kelly K, Santella RM, Albain KS, Ambrosone CB. Steroid hormone receptor protein expression by gender and smoking in non-Small cell lung cancer: SWOG S0424. *2017 United States & Canadian Academy of Pathology Annual Meeting*; San Antonio, TX, March 4-10, 2017.
3. Williams LA, Olshan AF, Hong, CC, Bandera EV, Rosenberg L, **Cheng TY**, Lunetta K, Kolonel LN, Palmer, JR, Ambrosone CB, Troester MA. Alcohol intake and breast cancer risk in African American women from the AMBER Consortium. *Society for Epidemiological Research 2016 Meeting*; Miami, FL, June 21-24, 2016.
4. **Cheng TY**, Tang L, Yao S, Smith GJ, Bensen JT, Fontham ETH, Attwood KM, Pop EA, Li T, Stocking JJ, Azabdaftari G, Ambrosone CB, Mohler JL. Associations of polymorphisms in key androgen axis genes with clinical aggressiveness and tumor growth rate in the North-Carolina-Louisiana Prostate Cancer Project (PCaP). *The Third International Molecular Pathological Epidemiology (MPE) Meeting*; Boston, MA, May 12-13, 2016.
5. **Cheng TY**, McCann SE, Zirpoli G, Yao S, Bandera EV, Kolonel LN, Rosenberg L, Olshan AF, Palmer JR, Ambrosone CB. Dietary vitamin A intake and breast cancer risk among African American women: The AMBER Consortium. *The 106<sup>th</sup> AACR Annual Meeting*; Philadelphia, PA, April 18-22, 2015.
6. **Cheng TY**, Shankar J, Zirpoli G, Yao S, Roberts M, Hong CC, Bandera EV, Ambrosone CB. Interaction between genetic variants in mTOR and body size on breast cancer risk in African-American and European-American women. *The 105<sup>th</sup> AACR Annual Meeting*; San Diego, CA, April 5-9, 2014. (Printed in *Cancer Research* 2014;74(19 Suppl):Abstract nr 3280. doi:10.1158/1538-7445.AM2014-3280)
7. **Cheng TY**, Makar KW, Neuhaus ML, Miller JW, Song, X, Brown EC, Beresford SAA, Zheng, Y, Duggan DJ, Poole, EM, Habermann N, Toth, R, Bailey LB, Caudill MA, Ulrich CM. Interaction between genetic variants in one-carbon metabolism and folate biomarkers on colorectal cancer risk: The Women's Health Initiative observational

- cohort. *The 105<sup>th</sup> AACR Annual Meeting*; San Diego, CA, April 5-9, 2014. (Printed in *Cancer Research* 2014;74(19 Suppl):Abstract nr 2197. doi:10.1158/1538-7445.AM2014-2197)
8. Yao S, Hong CC, Kwan ML, **Cheng TY**, Tang L, McCann SE, Ergas IJ, Roh JM, Davis W, Ambrosone CB, Kushi LH. The association of serum 25-hydroxyvitamin D with breast cancer characteristics and prognosis in the Pathways Study. *The 105<sup>th</sup> AACR Annual Meeting*; San Diego, CA, April 5-9, 2014. (Printed in *Cancer Research* 2014 74:4126; doi:10.1158/1538-7445.AM2014-4126)
  9. Habermann N, Brown EC, Toth R, Scherer D, Buck K, **Cheng TY**, Makar KW, Neuhaus ML, Zheng Y, Duggan DJ, Beresford SAA, Wener M, Ochs-Balcom H, Toriola A, Ulrich CM. Inflammation- and angiogenesis- related genes: Interaction with NSAID use, and serum inflammatory markers on colorectal cancer risk within the Women's Health Initiative. *The 105<sup>th</sup> AACR Annual Meeting*; San Diego, CA, April 5-9, 2014. (Printed in *Cancer Research* 2014;74(19 Suppl):Abstract nr 2186. doi:10.1158/1538-7445.AM2014-2186)
  10. **Cheng TY**, Makar KW, Brown EC, Neuhaus ML, Miller JW, Beresford SAA, Zheng Y, Duggan DJ, Poole EM, Habermann N, Buck K, Ulrich CM. One-carbon metabolism pathway genes and colorectal cancer risk in the Women's Health Initiative (WHI). *Post-GWAS Horizons in Molecular Epidemiology: Digging Deeper into the Environment*, Hollywood, FL, November 11-14, 2012.
  11. Paskow MJ, Abbenhardt C, Miller JW, Song X, Brown EC, **Cheng TY**, Wener MH, Zheng Y, Toriola AT, Neuhaus ML, Beresford SAA, Makar K, Bailey LB, Maneval DR, Green R, Manson J, Van Horn L, Ulrich CM. Relationships between biomarkers of diet, one-carbon metabolism, and inflammation within the Women's Health Initiative Observational Cohort. *Post-GWAS Horizons in Molecular Epidemiology: Digging Deeper into the Environment*, Hollywood, FL, November 11-14, 2012.
  12. Romano M, Rustagi AS, **Cheng TY**, Kernic MA. Gestational Diabetes Among Overweight and Obese Women in Washington State: How does weight change between and during pregnancies impact risk? *The 25th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER)*; Minneapolis, MN, June 25-27, 2012.
  13. Miller JW, Beresford SAA, Neuhaus ML, **Cheng TY**, Song X, Brown EC, Zheng Y, Wener MH, Green R, Ulrich CM. Vitamin B6 status and risk of incident colorectal cancer in the Women's Health Initiative Observational Cohort. *2012 FASEB Science Research Conference: Folic Acid, Vitamin B12 and One-Carbon Metabolism*; Crete, Greece, July 22-27, 2012.
  14. Toriola AT, Gunter M, Maneval DR, Beresford SAA, Ulrich CM, **Cheng TY**, Neuhaus ML, Wener M, Zheng Y, Brown EC, Miller JW, Song X, Bailey LB. Biomarkers of inflammation predict colorectal cancer risk among women: Results from the Women's Health Initiative Observational Study (WHI-OS) cohort. *AACR International Conference on Frontiers in Cancer Prevention Research*, Boston, MA, Oct 22-25, 2011. [Abstract collected in *Cancer Prev Res* 2011;4(10 Suppl):PR-05].
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43. Chen T, Hsu CC, Wen CP, **Cheng TY**. The impact of international tobacco trade on youth smoking: Taiwan experience. *6th Conference of Asia Pacific Association for Tobacco Control (APACT)*. Hong Kong, October 26-29, 2001.
44. Wen CP, Tsai SP, **Cheng TY**. The life shortening effect of smoking in a large cohort of workers in Taiwan. *9th SCBA International Symposium*. Taipei, Taiwan, 2001.
45. **Cheng TY**, Lo SS, Chu CC, Lee CC. Assessment of occupational exposure to organic substances at municipal solid waste incinerator. *Symposium on Industrial Hygiene and Occupational Health*. Taichung, Taiwan. April 29-30, 2000.
46. **Cheng TY**, Su YC, Chu CC, Hsiao AK, Lee CC. Exposure assessment of volatile organic compounds in the staff of laboratory testing of food and drug—A case study. *Symposium on Industrial Hygiene and Occupational Health*. Kaohsiung, Taiwan. March 19-21, 1999.
47. Kuo CY, **Cheng TY**. Comparison of organic carbon (OC) and elemental carbon (EC) in suspended particles of atmosphere and different emission sources. *ISESH 5th Annual Conference, Chinese Association for Aerosol Research*. Taiwan. 1998.

#### Books, Reports and Letters

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2. **Cheng TY**. Fight for your health. [Letter] *Taipei Times*, Jan 18, 2006, Page 8.

3. Chiang PH. Taiwan Health Atlas I: Cancer Mortality. (**Cheng TY** as a Co-Editor) *National Health Research Institutes*. 2005. (ISBN 957-01-9899-0)
4. Wen CP, **Cheng TY**, Hsu HL. The Study of Prediabetes in Taiwan—Quantifying its Health Risk. Technical Report. *Bureau of Health Promotion, Department of Health, Taiwan*, 2004.
5. Wen CP. The Taiwan Tobacco Atlas. (**Cheng TY** as the Managing Editor) United Medical Foundation and National Health Research Institutes. 2004. (ISBN 957-29975-0-5)
6. Wen CP and **Cheng TY**. Smoker's Health Risk Study. Technical Report. *Bureau of Health Promotion, Department of Health, Taiwan*, 2003.
7. **Cheng TY**. Keep raising cigarette taxes. [*Letter to the Editor*] *Taipei Times*, Oct 11, 2003, Page 8.
8. Collection of Research Papers on Tobacco or Health in Taiwan (**Cheng TY** as the Executive Editor), *National Health Research Institutes*. 2002.

## GRANTS

### **CURRENT**

K07 CA201334 Cheng, PI 07/2016-06/2021  
 National Cancer Institute  
 mTOR Pathway in Breast Cancer Subtypes by Race: A Molecular Pathological Study

### **COMPLETED**

R03 CA167696 Neuhouser, PI 01/2013-12/2015  
 National Cancer Institute  
 Interaction of Vitamin D & Vitamin A with Lung Cancer Risk in Non-Smoking Females  
 Role: Project leader

R01 CA120523 Ulrich, PI 04/2008-01/2013  
 National Cancer Institute  
 A Prospective Study of Colorectal Cancer: One-Carbon Metabolism and Inflammation  
 Role: Pre-doctoral Research Associate

## PROFESSIONAL MEMBERSHIP

American Association for Cancer Research (AACR), Member 2014-present  
 AACR Molecular Epidemiology Working Group (MEG) 2014-present