

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

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OBJECTIVES

To understand cancer etiology and outcomes and to elucidate prevention strategies in the overall population and among different racial and ethnic sub-populations using molecular approaches, including molecular pathological epidemiology. I am also dedicated to excellence in teaching and service.

EDUCATION

2013 PhD Epidemiology, University of Washington, Seattle, WA, USA

2007 MHS Epidemiology, Johns Hopkins School of Public Health, Baltimore, MD, USA

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 9th 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

- University of Florida*
- 2018-2019 Epidemiology Chair Search Committee
- 2017- Admission Committee
- Extramural appointment*
- 2015 – Associate Member, Women’s Health Initiative
- 2015 – Adjunct Reviewer, Women’s Health Initiative Publications and Presentations Committee

TEACHING***University of Florida***

Instructor, *Measurement in Epidemiology and Outcome Research* (PHC 6711), 2018 Fall – Present

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

THESIS COMMITTEES: *University of Florida*

2017 - 2018	Member	Kai Wang	PhD in Epidemiology (2018)
2018 - 2019	Chair	Jia Qi	MS in Epidemiology (2019)
2018 - Present	Chair	Mmadili Ilozumba	PhD in Epidemiology
2018 - Present	Chair	Kevin Bitsie	PhD in Epidemiology

STUDENTS AND FELLOWS SUPERVISED: *University of Florida*

2017 – 2019	Pamela Sanchez	MPH student (2019)
2018 – 2019	Curtis Warren	MPH student (2019)
2018 – 2019	Christina Delahoz	BS student (2019)
2018 – Present	Kayla Talebi	BS student (2019)
2018 – 2019	Harris Kalim	BS student (2019)
2018 – 2020	Joel Divaker	BS student
2018 – Present	Mmadili Ilozumba	PhD student
2018 – Present	Kevin Bitsie	PhD student

JOURNAL EDITORIAL BOARD

Associate Editor, *JNCI Cancer Spectrum* (2017-)

JOURNAL REFEREE

BMC Cancer
BMJ Open

British Journal of Cancer
Cancer Causes & Control
Cancer Epidemiology, Biomarkers, and Prevention
Carcinogenesis
European Journal of Nutrition
Free Radical Research
International Journal of Cancer
International Journal of Molecular Sciences
Journal of Nutrition
Journal of National Cancer Institute
Journal of Thoracic Oncology
Tobacco Control

PUBLICATIONS

Peer-Reviewed Journal Articles (N = 81):

Senior/principal author(s) = Underline
Self = bold
Fellow = f
Graduate Student = g
Other = &
Post-Doctoral Associate/Fellow = p
Resident = r

1. Pan K, Chlebowski RT, Mortimer JE, Gunther MJ, Rohan T, Vitolins MZ, Adams-Campbell LL, Ho GYF, **Cheng TD**, Nelson RA. Insulin resistance and breast cancer incidence and mortality in postmenopausal women in the Women's Health Initiative. *Cancer*. 2020 Jun 12. doi: 10.1002/cncr.33002. [Epub ahead of print] PubMed PMID: 32530506.
2. Abdou Y, Attwood K, **Cheng TD**, Yao S, Bandera EV, Zirpoli GR, Ondracek RP, Stein L, Bshara W, Khoury T, Ambrosone CB, Omilian AR. Racial differences in CD8⁺ T cell infiltration in breast tumors from Black and White women. *Breast Cancer Res*. 2020 Jun 9;22(1):62. doi: 10.1186/s13058-020-01297-4. PubMed PMID: 32517730; PubMed Central PMCID: PMC7285742.
3. **Cheng TD**, Yao S, Omilian AR, Khoury T, Buas MF, Payne-Ondracek R, Sribenja S, Bshara W, Hong CC, Bandera EV, Davis W, Higgins MJ, Ambrosone CB. FOXA1 Protein Expression in ER+ and ER- Breast Cancer in Relation to Parity and Breastfeeding in Black and White Women. *Cancer Epidemiol Biomarkers Prev*. 2020 Feb;29(2):379-385. doi: 10.1158/1055-9965.EPI-19-0787. Epub 2019 Dec 23. PubMed PMID: 31871111; NIHMSID:NIHMS1547038.
4. Zarrinpar A, **David Cheng TY**, Huo Z. What Can We Learn About Drug Safety and Other Effects in the Era of Electronic Health Records and Big Data That We Would Not Be Able to Learn From Classic Epidemiology?. *J Surg Res*. 2020 Feb;246:599-604. doi:

10.1016/j.jss.2019.09.053. Epub 2019 Oct 22. Review. PubMed PMID: 31653413; PubMed Central PMCID: PMC6917880.

5. Chebet JJ, Thomson CA, Kohler LN, Ehiri JE, Luo J, **Cheng TD**, Pan K, Chlebowski RT, Nassir R, Sealy-Jefferson S, Manson JE, Saquib N, Bell ML. Association of Diet Quality and Physical Activity on Obesity-Related Cancer Risk and Mortality in Black Women: Results from the Women's Health Initiative. *Cancer Epidemiol Biomarkers Prev*. 2020 Mar;29(3):591-598. doi: 10.1158/1055-9965.EPI-19-1063. PubMed PMID: 31915146.
6. Xia J, Tu W, Manson JE, Nan H, Shadyab AH, Bea JW, **Cheng TD**, Hou L, and Song Y. 2020. Race-specific associations of 25-hydroxyvitamin D and parathyroid hormone with cardiometabolic biomarkers among US white and black postmenopausal women. *Am J Clin Nutr*. 2020 May 29; doi:10.1093/ajcn/nqaa121. Online ahead of print.
7. Wang K (&), Chen X, **Cheng TD**, Qiu P, Bird VY, Prosperi M. Association of Long-Term Dynamics in Circulating Testosterone with Serum PSA in Prostate Cancer-Free Men with Initial-PSA < 4 ng/mL. *Horm Cancer*. 2019 Dec;10(4-6):168-176. doi: 10.1007/s12672-019-00369-y. Epub 2019 Oct 16. PubMed PMID: 31621000.
8. Luo J, Chen X, Manson JE, Shadyab AH, Wactawski-Wende J, Vitolins M, Rohan TE, **Cheng TD**, Zhang Z, Qi L, Hendryx M. Birth weight, weight over the adult life course and risk of breast cancer. *Int J Cancer*. 2020 Jul 1;147(1):65-75. doi: 10.1002/ijc.32710. [Epub ahead of print] PubMed PMID: 31584193.
9. Omilian AR, Zirpoli GR, **Cheng TD**, Yao S, Stein L, Davis W, Head KL, Nair P, Khoury T, Ambrosone CB, Bshara W. Storage conditions and immunoreactivity of breast cancer subtyping markers in tissue microarray sections. *Applied Immunohistochemistry & Molecular Morphology*. 2020 Apr;28(4):267-273. doi: 10.1097/PAI.0000000000000756. [Epub ahead of print] PMID: 31205070.
10. Reeves KW, Santana MD, Manson JE, Hankinson SE, Zoeller RT, Bigelow C, Sturgeon SR, Spiegelman D, Tinker L, Luo J, Chen B, Meliker J, Bonner MR, Cote ML, **Cheng TD**, Calafat AM. Urinary Phthalate Biomarker Concentrations and Postmenopausal Breast Cancer Risk. *J Natl Cancer Inst*. 2019 Oct 1;111(10):1059-1067. doi: 10.1093/jnci/djz002. PubMed PMID: 30629220.
11. Iyengar NM, Arthur R, Manson JE, Chlebowski RT, Kroenke CH, Peterson L, **Cheng TD**, Feliciano EC, Lane D, Luo J, Nassir R, Pan K, Wassertheil-Smoller S, Kamensky V, Rohan TE, Dannenberg AJ. Association of Body Fat and Risk of Breast Cancer in Postmenopausal Women With Normal Body Mass Index: A Secondary Analysis of a Randomized Clinical Trial and Observational Study. *JAMA Oncol*. 2019 Feb 1;5(2):155-163. doi: 10.1001/jamaoncol.2018.5327. PubMed PMID: 30520976.
12. Banack HR, Stokes A, Fox MP, Hovey KM, Cespedes Feliciano EM, LeBlanc ES, Bird C, Caan BJ, Kroenke CH, Allison MA, Going SB, Snetselaar L, **Cheng TD**,

Chlebowski RT, Stefanick ML, LaMonte MJ, Wactawski-Wende J. Stratified Probabilistic Bias Analysis for Body Mass Index-related Exposure Misclassification in Postmenopausal Women. *Epidemiology*. 2018 Sep;29(5):604-613. doi: 10.1097/EDE.0000000000000863. PubMed PMID: 29864084.

13. Hong CC, Sucheston-Campbell LE, Liu S, Hu Q, Yao S, Lunetta KL, Haddad SA, Ruiz-Narváez EA, Bensen JT, **Cheng TD**, Bandera EV, Rosenberg LA, Haiman CA, Lee K, Evans SS, Abrams SI, Repasky EA, Olshan AF, Palmer JR, Ambrosone CB. Genetic Variants in Immune-Related Pathways and Breast Cancer Risk in African American Women in the AMBER Consortium. *Cancer Epidemiol Biomarkers Prev*. 2018 Mar;27(3):321-330. doi: 10.1158/1055-9965.EPI-17-0434. Epub 2018 Jan 16. PubMed PMID: 29339359; PubMed Central PMCID: PMC5835191.
14. **Cheng TD**, Darke AK, Redman MW, Zirpoli GR, Davis W, Payne Ondracek R; Bshara W, Omilian A, Kratzke R, Reid ME, Molina JR, Kolesar JM, Chen Y, MacRae RM, Moon J, Mack P, Gandara DR, Kelly K, Santella RM, Albain KS, Ambrosone CB. Smoking, Sex, and Non-small Cell Lung Cancer: Steroid Hormone Receptors in Tumor Tissue (S0424). *J Natl Cancer Inst*. 2018 Jul 1;110(7):734-742. doi: 10.1093/jnci/djx260. PubMed PMID: 29346580.
15. **Cheng TD**, Darke AK, Redman MW, Kelly K, Santella RM, Albain KS, Ambrosone CB. Response to H. Nabi et al. *J Natl Cancer Inst*. 2018 Dec 1;110(12):1424-1425. doi: 10.1093/jnci/djy069. PubMed PMID: 29688488.
16. **Cheng TD**, Song X, Beresford SAA, Ho GYF, Johnson KC, Datta M, Chlebowski RT, Wactawski-Wende J, Qi L, Neuhauser ML. Serum 25-hydroxyvitamin D concentrations and lung cancer risk in never-smoking postmenopausal women. *Cancer Causes Control*. 2017 Oct;28(10):1053-1063. doi: 10.1007/s10552-017-0956-1. PubMed PMID: 28900765.
17. Wu L, Shi W, Long J, Guo X, Michailidou K, Beesley J, Bolla MK, Shu XO, Lu Y, Cai Q, Al-Ejeh F, Rozali E, Wang Q, Dennis J, Li B, Zeng C, Feng H, Gusev A, Barfield RT, Andrulis IL, Anton-Culver H, Arndt V, Aronson KJ, Auer PL, Barrdahl M, Baynes C, Beckmann MW, Benitez J, Bermisheva M, Blomqvist C, Bogdanova NV, Bojesen SE, Brauch H, Brenner H, Brinton L, Broberg P, Brucker SY, Burwinkel B, Caldés T, Canzian F, Carter BD, Castelao JE, Chang-Claude J, Chen X, **Cheng TD**, Christiansen H, Clarke CL; NBCS Collaborators., Collée M, Cornelissen S, Couch FJ, Cox D, Cox A, Cross SS, Cunningham JM, Czene K, Daly MB, Devilee P, Doheny KF, Dörk T, Dos-Santos-Silva I, Dumont M, Dwek M, Eccles DM, Eilber U, Eliassen AH, Engel C, Eriksson M, Fachal L, Fasching PA, Figueroa J, Flesch-Janys D, Fletcher O, Flyger H, Fritschi L, Gabrielson M, Gago-Dominguez M, Gapstur SM, García-Closas M, Gaudet MM, Ghoussaini M, Giles GG, Goldberg MS, Goldgar DE, González-Neira A, Guénel P, Hahnen E, Haiman CA, Håkansson N, Hall P, Hallberg E, Hamann U, Harrington P, Hein A, Hicks B, Hillemanns P, Hollestelle A, Hoover RN, Hopper JL, Huang G, Humphreys K, Hunter DJ, Jakubowska A, Janni W, John EM, Johnson N, Jones K, Jones ME, Jung A, Kaaks R, Kerin MJ, Khusnutdinova E, Kosma VM, Kristensen VN,

Lambrechts D, Le Marchand L, Li J, Lindström S, Lissowska J, Lo WY, Loibl S, Lubinski J, Luccarini C, Lux MP, MacInnis RJ, Maishman T, Kostovska IM, Mannermaa A, Manson JE, Margolin S, Mavroudis D, Meijers-Heijboer H, Meindl A, Menon U, Meyer J, Mulligan AM, Neuhausen SL, Nevanlinna H, Neven P, Nielsen SF, Nordestgaard BG, Olopade OI, Olson JE, Olsson H, Peterlongo P, Peto J, Plasseska-Karanfilska D, Prentice R, Presneau N, Pylkäs K, Rack B, Radice P, Rahman N, Rennert G, Rennert HS, Rhenius V, Romero A, Romm J, Rudolph A, Saloustros E, Sandler DP, Sawyer EJ, Schmidt MK, Schmutzler RK, Schneeweiss A, Scott RJ, Scott CG, Seal S, Shah M, Shrubsole MJ, Smeets A, Southey MC, Spinelli JJ, Stone J, Surowy H, Swerdlow AJ, Tamimi RM, Tapper W, Taylor JA, Terry MB, Tessier DC, Thomas A, Thöne K, Tollenaar RAEM, Torres D, Truong T, Untch M, Vachon C, Van Den Berg D, Vincent D, Waisfisz Q, Weinberg CR, Wendt C, Whittemore AS, Wildiers H, Willett WC, Winqvist R, Wolk A, Xia L, Yang XR, Ziogas A, Ziv E; kConFab/AOCS Investigators., Dunning AM, Pharoah PDP, Simard J, Milne RL, Edwards SL, Kraft P, Easton DF, Chenevix-Trench G, Zheng W. A transcriptome-wide association study of 229,000 women identifies new candidate susceptibility genes for breast cancer. *Nat Genet.* 2018 Jul;50(7):968-978. doi: 10.1038/s41588-018-0132-x. Epub 2018 Jun 18. PubMed PMID: 29915430; PubMed Central PMCID: PMC6314198. This collaborative paper has >100 authors. I represented investigators of the Women's Health Initiative in the study.

18. Michailidou K, Lindström S, Dennis J, Beesley J, Hui S, Kar S, Lemaçon A, Soucy P, Glubb D, Rostamianfar A, Bolla MK, Wang Q, Tyrer J, Dicks E, Lee A, Wang Z, Allen J, Keeman R, Eilber U, French JD, Qing Chen X, Fachal L, McCue K, McCart Reed AE, Ghoussaini M, Carroll JS, Jiang X, Finucane H, Adams M, Adank MA, Ahsan H, Aittomäki K, Anton-Culver H, Antonenkova NN, Arndt V, Aronson KJ, Arun B, Auer PL, Bacot F, Barrdahl M, Baynes C, Beckmann MW, Behrens S, Benitez J, Bermisheva M, Bernstein L, Blomqvist C, Bogdanova NV, Bojesen SE, Bonanni B, Børresen-Dale AL, Brand JS, Brauch H, Brennan P, Brenner H, Brinton L, Broberg P, Brock IW, Broeks A, Brooks-Wilson A, Brucker SY, Brüning T, Burwinkel B, Butterbach K, Cai Q, Cai H, Caldés T, Canzian F, Carracedo A, Carter BD, Castela JE, Chan TL, **David Cheng TY**, Seng Chia K, Choi JY, Christiansen H, Clarke CL; NBCS Collaborators., Collée M, Conroy DM, Cordina-Duverger E, Cornelissen S, Cox DG, Cox A, Cross SS, Cunningham JM, Czene K, Daly MB, Devilee P, Doheny KF, Dörk T, Dos-Santos-Silva I, Dumont M, Durcan L, Dwek M, Eccles DM, Ekici AB, Eliassen AH, Ellberg C, Elvira M, Engel C, Eriksson M, Fasching PA, Figueroa J, Flesch-Janys D, Fletcher O, Flyger H, Fritschi L, Gaborieau V, Gabrielson M, Gago-Dominguez M, Gao YT, Gapstur SM, García-Sáenz JA, Gaudet MM, Georgoulas V, Giles GG, Glendon G, Goldberg MS, Goldgar DE, González-Neira A, Grenaker Alnæs GI, Grip M, Gronwald J, Grundy A, Guénel P, Haeberle L, Hahnen E, Haiman CA, Håkansson N, Hamann U, Hamel N, Hankinson S, Harrington P, Hart SN, Hartikainen JM, Hartman M, Hein A, Heyworth J, Hicks B, Hillemanns P, Ho DN, Hollestelle A, Hooning MJ, Hoover RN, Hopper JL, Hou MF, Hsiung CN, Huang G, Humphreys K, Ishiguro J, Ito H, Iwasaki M, Iwata H, Jakubowska A, Janni W, John EM, Johnson N, Jones K, Jones M, Jukkola-Vuorinen A, Kaaks R, Kabisch M, Kaczmarek K, Kang D, Kasuga Y, Kerin MJ, Khan S, Khusnutdinova E, Kiiski JI, Kim SW, Knight JA, Kosma VM, Kristensen VN, Krüger U, Kwong A, Lambrechts D, Le Marchand L, Lee E, Lee MH, Lee JW, Neng

Lee C, Lejbkowitz F, Li J, Lilyquist J, Lindblom A, Lissowska J, Lo WY, Loibl S, Long J, Lophatananon A, Lubinski J, Luccarini C, Lux MP, Ma ESK, MacInnis RJ, Maishman T, Makalic E, Malone KE, Kostovska IM, Mannermaa A, Manoukian S, Manson JE, Margolin S, Mariapun S, Martinez ME, Matsuo K, Mavroudis D, McKay J, McLean C, Meijers-Heijboer H, Meindl A, Menéndez P, Menon U, Meyer J, Miao H, Miller N, Taib NAM, Muir K, Mulligan AM, Mulot C, Neuhausen SL, Nevanlinna H, Neven P, Nielsen SF, Noh DY, Nordestgaard BG, Norman A, Olopade OI, Olson JE, Olsson H, Olswold C, Orr N, Pankratz VS, Park SK, Park-Simon TW, Lloyd R, Perez JIA, Peterlongo P, Peto J, Phillips KA, Pinchev M, Plaseska-Karanfilska D, Prentice R, Presneau N, Prokofyeva D, Pugh E, Pylkäs K, Rack B, Radice P, Rahman N, Rennert G, Rennert HS, Rhenius V, Romero A, Romm J, Ruddy KJ, Rüdiger T, Rudolph A, Ruebner M, Rutgers EJT, Saloustros E, Sandler DP, Sangrajrang S, Sawyer EJ, Schmidt DF, Schmutzler RK, Schneeweiss A, Schoemaker MJ, Schumacher F, Schürmann P, Scott RJ, Scott C, Seal S, Seynaeve C, Shah M, Sharma P, Shen CY, Sheng G, Sherman ME, Shrubsole MJ, Shu XO, Smeets A, Sohn C, Southey MC, Spinelli JJ, Stegmaier C, Stewart-Brown S, Stone J, Stram DO, Surowy H, Swerdlow A, Tamimi R, Taylor JA, Tengström M, Teo SH, Beth Terry M, Tessier DC, Thanasitthichai S, Thöne K, Tollenaar RAEM, Tomlinson I, Tong L, Torres D, Truong T, Tseng CC, Tsugane S, Ulmer HU, Ursin G, Untch M, Vachon C, van Asperen CJ, Van Den Berg D, van den Ouweland AMW, van der Kolk L, van der Luijt RB, Vincent D, Vollenweider J, Waisfisz Q, Wang-Gohrke S, Weinberg CR, Wendt C, Whittemore AS, Wildiers H, Willett W, Winqvist R, Wolk A, Wu AH, Xia L, Yamaji T, Yang XR, Har Yip C, Yoo KY, Yu JC, Zheng W, Zheng Y, Zhu B, Ziogas A, Ziv E; ABCTB Investigators.; ConFab/AOCS Investigators., Lakhani SR, Antoniou AC, Droit A, Andrulis IL, Amos CI, Couch FJ, Pharoah PDP, Chang-Claude J, Hall P, Hunter DJ, Milne RL, García-Closas M, Schmidt MK, Chanock SJ, Dunning AM, Edwards SL, Bader GD, Chenevix-Trench G, Simard J, Kraft P, Easton DF. Association analysis identifies 65 new breast cancer risk loci. *Nature*. 2017 Nov 2;551(7678):92-94. doi: 10.1038/nature24284. Epub 2017 Oct 23. PubMed PMID: 29059683.

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3. Xia J, Tu W, Manson JE, Nan H, Shadyab, AH, Bae JW, **Cheng TY**, Hou L, Song Y. Independent and Joint Associations of 25-hydroxyvitamin D and Parathyroid Hormone Levels with Cardiometabolic Biomarkers among American White and Black Postmenopausal Women. *American Heart Association (AHA) EPI/LIFESTYLE 2019 Scientific Sessions*. Houston, TX, March 5 – 8, 2019.
4. Elkhanany A, Takabe K, Khoury T, Omilian A, **Cheng TY**, Katsuta E, Davis W, Yan L, Hong CC, Bandera E, Ambrosone C, Yao S. Gene expression profiling reveals population difference in breast cancer immune microenvironment. *The 41th Annual San Antonio Breast Cancer Symposium*, San Antonio TX, December 4 - 8, 2018.
5. Albain KS, Darke AK, Mack PC, Redman MW, **Cheng T-YD**, Moon J, Holland WS, Borczuk AC, Chay CH, Morris PT, Vallieres E, Kratzke R, Molina JR, Kolesar JM, Chen Y, MacRae RM, Matsumoto S, Reid ME, Zirpoli GR, Davis W, Ondracek RP, Bshara W, Omilian A, Gandara DR, Kelly K, Santella RM, Ambrosone CB. Case-series study in ever- and never-smoking females and males with non-small cell lung cancer: exposures, tumor factors, biology and survival (SWOG S0424, North American Intergroup). *IASLC 19th World Conference on Lung Cancer*. Toronto, Canada. September 23 – 26, 2018.
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11. **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.
12. **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 106th AACR Annual Meeting*; Philadelphia, PA, April 18-22, 2015.
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24. Miller, JW, Beresford SAA, Brown EC, **Cheng TY**, Green R, Neuhouser ML, Rodriguez B, Zheng Y, Ulrich CM. Homocysteine, Cysteine and Risk of Incident Colorectal Cancer in the Women's Health Initiative Observational Cohort. *Experimental Biology*, Washington, DC, April 9–13, 2011.
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- association of serum α - and γ -tocopherols with aggressive prostate cancer risk in the Carotene and Retinol Efficacy Trial (CARET). *9th Annual AACR International Conference on Frontiers in Cancer Prevention Research*, Philadelphia, PA, November 7-10, 2010.
26. **Cheng TY**, Romano M, Rustagi AS. Inter-pregnancy weight gain and gestational diabetes in overweight & obese women. *17th Annual Joint Conference on Health*, Yakima, WA, October 11-12, 2010.
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 31. Wen CP, **Cheng TY**, Chan HT, Hsu HL, Tsai SP, Yu S. A paradigm shift in managing smoking patients: Developing "Glucose Equivalent" and "Blood Pressure Equivalent" concept resulting from exploring their mortality relationships. *The 13th World Conference on Tobacco or Health*. Washington, DC. July 12-15, 2006.
 32. **Cheng TY**, Wen CP, and Chan HT. The extent of unreliability of smoking data on adolescents obtained from personal interview. *The 13th World Conference on Tobacco or Health*. Washington, DC. July 12-15, 2006.
 33. **Cheng TY**, Chung WSI, Wen CP, Tsai SP. The gender gap in life expectancy attributable to smoking. *The 13th World Conference on Tobacco or Health*. Washington, DC. July 12-15, 2006.
 34. Wen CP, Eriksen MP, Chiang P, Chung WSI, **Cheng TY**, Tsai SP, Yu S. A Rapid Increase in Oral Cancer Among Men in Taiwan: An Urgent and Preventable Epidemic. *UICC World Cancer Congress 2006*, Washington, DC. July 8-12, 2006.
 35. Lin CL, Wu HN, Wen CP, **Cheng TY**. The effects of maternal and paternal smoking on pregnancy outcomes in Taiwan. *The 7th Conference of Asia Pacific Association for Tobacco Control (APACT)*. Gyeongju, Korea, September 15-18, 2004.
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- Tobacco Control (APACT)*. Gyeongju, Korea, September 15-18, 2004 (**oral presentation**).
37. Hsu HL, **Cheng TY**, Wen CP. Relationship between smoking and diabetes: Experience from following up a large cohort in Taiwan. *The 7th Conference of Asia Pacific Association for Tobacco Control (APACT)*. Gyeongju, Korea, September 15-18, 2004.
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 41. Wen CP, Tsai SP, Chen CJ, Liaw KM, **Cheng TY**, Tsai MC. Smoking attributable mortality in Taiwan, 1990-2020. *The 12th World Conference on Tobacco or Health*. Helsinki, Finland, August 3-8, 2003.
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 43. Wen CP, Tsai SP, Chen CJ, **Cheng TY**. The mortality risks of smokers in Taiwan. *The 12th World Conference on Tobacco or Health*. Helsinki, Finland, August 3-8, 2003 (**Best poster award**).
 44. Wen CP, Tsai MC, **Cheng TY**, Hsu CC. Mortality risk of fasting blood sugar in a large cohort in Taiwan with particular emphasis on impaired fasting glucose. *The 5th Hong Kong Diabetes and Cardiovascular Risk Factors: East Meets West Symposium*. October 3-5, 2003.
 45. Chen T, Hsu CC, Wen CP, **Cheng TY**. International tobacco advertising on Asia health. *The 130th Annual Meeting of APHA*, Philadelphia, PA. November 9-13, 2002.
 46. Lee I, **Cheng TY**, Yang CL. The relationship between workplace smoking restrictions and adult smoking in Taiwan. *The third European Conference on Tobacco or Health*. Warsaw, Poland, June 20-22, 2002.
 47. Wen CP, **Cheng TY**, Chen T, Hsu CC, Lin HS. The effect of national tobacco policy on the smoking prevalence of high school students after market liberalization in Taiwan. *The third European Conference on Tobacco or Health*. Warsaw, Poland, June 20-22, 2002.
 48. **Cheng TY**, Wen CP, Tsai SP, Chang HY, Hsu CC. Smoking and other risk factors on cardiovascular mortality in a large cohort in Taiwan: The additive, interactive, and elimination effects. *The third European Conference on Tobacco or Health*. Warsaw, Poland, June 20-22, 2002.
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Asia Pacific Association for Tobacco Control (APACT). Hong Kong, October 26-29, 2001.

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51. 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.
52. **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.
53. **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.
54. 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.

Intramural meetings:

1. Divaker J, Cooke E, **Cheng TY**. Comparisons between anthropometric and CT image-based measurements on central obesity: Preliminary Findings. 2020 College of Medicine Research Poster Session. University of Florida. Gainesville, FL. February 25th, 2020.
2. Illozumba M, Shelver WL, Hong CC, Ambrosone CB, **Cheng TY**. Urine Biomarkers of Triclosan, Bisphenol A and Brominated Flame Retardant in Women with Newly Diagnosed Breast Cancer. 32nd Annual PHHP Research Day, College of Public Health & Health Professions, University of Florida. Gainesville, FL. February 6th, 2020.
3. Talebi K, **Cheng TY**. Sex differences in polymorphisms related to lung cancer risk – A systematic literature review. 32nd Annual PHHP Research Day, College of Public Health & Health Professions, University of Florida. Gainesville, FL. April 4, 2019.
4. Delahoz C, **Cheng TY**. Building cancer survivor cohorts: A literature review on cancer survivorship research. 32nd Annual PHHP Research Day, College of Public Health & Health Professions, University of Florida. Gainesville, FL. April 4, 2019.
5. Warren C, Qi J, Kalim HA, Cooke EO, **Cheng TY**. Descriptive study on breast tumor receptor status and visceral and subcutaneous fat composition. 32nd Annual PHHP Research Day, College of Public Health & Health Professions, University of Florida. Gainesville, FL. April 4, 2019.
6. Illozumba M, **Cheng TY**, Yaghjyan L. Cadmium exposure and risk of adverse kidney outcome. 32nd Annual PHHP Research Day, College of Public Health & Health Professions, University of Florida. Gainesville, FL. April 4, 2019.
7. Sanchez P, **Cheng TY**. Association between metabolic syndrome and breast cancer

subtypes among Hispanic population: A Systematic Review. Gator HealthCare Forum. University of Florida, Gainesville FL. January 11, 2019.

8. Ilozumba M, **Cheng TY**, Neuhouser ML, Miller JW, Marker L, Zheng Y, Song X, Ose J, Ulrich CM. Relationship between Genetic Polymorphisms and Corresponding Blood Biomarkers of One-Carbon Metabolism in Postmenopausal Women: Women's Health Initiative Observational Study. UF Health Cancer Center Research Day. Gainesville, FL. Nov 30, 2018.
9. **Cheng TY**, Striley CW, Varma D, Phillips T, Chaudhari PV, Bitsie K, Cottler LB. HealthStreet Cancer Survivor Cohort (HSt-CSC): Framework and Characteristics of Targeted Participants. UF Health Cancer Center Research Day. Gainesville, FL. Nov 30, 2018.
10. Omer S, **Cheng TY**, Yaghjian L, Okunieff P, Pearson T, Bradley J. Comparative analysis of the risk of adverse cardiac events in breast cancer patients receiving radiotherapy. Annual PPHP Research Day, College of Public Health & Health Professions, University of Florida. Gainesville, FL. April 6, 2018.
11. **Cheng TY**, Knecht C, Mack J, Striley CW, Cottler LB. Developing breast cancer survivorship research in a rural/micropolitan community setting: opportunities and challenges. UF Health Cancer Center Research Day. Gainesville, FL. Nov 16, 2017.

BOOKS, REPORTS AND LETTERS

1. Huang HY, Caballero B, Chang S, Alberg A, Semba R, Schneyer C, Wilson RF, **Cheng TY**, Prokopowicz G, Barnes II GJ, Vassy J, Bass EB. Multivitamin/Mineral Supplements and Prevention of Chronic Disease. Evidence Report/Technology Assessment No. 139. *AHRQ Publication No. 06-E012*. Rockville, MD: Agency for Healthcare Research and Quality. May 2006.
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

UF CTSI Prevision Medicine Initiative Cheng (PI) 07/2020 – 06/2021
University of Florida

Body composition and high-plex protein expression profiling to inform breast cancer therapy and prognosis: A pilot study in OneFlorida

This pilot study will provide preliminary data on CT-based body composition measurements in association with protein expression in breast tumors using NanoString's DSP platform among the OneFlorida Clinical Research Consortium.

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