



UNIVERSITY OF HAWAI'I

CANCER CENTER

Population Sciences in the Pacific Program-Cancer Epidemiology Program
Research Seminar Series

Understanding the Epidemic of Thyroid Cancer

(Wednesday) November 7, 2018
12:00 noon



Yawei Zhang, M.D., M.P.H., Ph.D.

Associate Professor, Section Chief of Surgical Outcomes and Epidemiology
Department of Surgery, Yale School of Medicine
Associate Professor, Department of Environmental Health Sciences
Yale School of Public Health
New Haven, CT

University of Hawai'i Cancer Center
701 Ilalo Street
Sullivan Conference Center

Light refreshments to follow

CURRICULUM VITAE

Name: Yawei Zhang, M.D., Ph.D., M.P.H.
School: Yale University School of Medicine,
Yale School of Public Health (and the Graduate School)

Education:

M.D. West China University of Medical Science (Preventive Medicine) 1993
M.P.H. Yale University School of Medicine (Epidemiology and Public Health) 2003
P.H.D. Yale University School of Medicine (Epidemiology) 2004

Career/Academic Appointments:

1993-1999	Research Associate	Health Department of Gansu Province, China
1999	Visiting Scientist	Department of Epidemiology and Public Health, Yale University School of Medicine, New Haven
1999-2001	Postdoctoral Associate	Department of Epidemiology and Public Health, Yale University School of Medicine, New Haven
2004-2005	Postdoctoral Fellow	Division of Cancer Epidemiology and Genetics, National Cancer Institute, NIH, Rockville
2004-2005	Lecturer	Department of Epidemiology and Public Health, Yale University School of Medicine, New Haven
2005-2011	Assistant Professor	Department of Epidemiology and Public Health, Yale University School of Medicine, New Haven
2011-2015	Associate Professor	Department of Environmental Health Sciences, School of Public Health, Yale University, New Haven
2015-2016	Associate Clinical Professor	Department of Environmental Health Sciences, School of Public Health, Yale University, New Haven
2016-present	Associate Professor (with Tenure)	Department of Environmental Health Sciences, School of Public Health, Yale University, New Haven
2016-present	Associate Professor (with Tenure)	Department of Surgery, School of Medicine, Yale University, New Haven
2016-present	Chief	Section of Surgical Outcomes and Epidemiology, Department of Surgery, School of Medicine, Yale University, New Haven

Professional Honors & Recognition:

A) International/National/Regional

2018-2022 Adjunct Professor, Beijing Children's Hospital, China National Children's Center
2018 Expert Panel, Chemical Safety Roundtable, UL 2019 Annual Meeting, Wheeling, IL, USA
2018 Member of virtual site visit for American Cancer Society Research professors and Clinical Research Professor
2015-2020 Adjunct Professor, Cancer Hospital & Institute, Chinese Academic of Medical Sciences, China National Cancer Center
2017-2018 Member of Expert Commission, Clinical Research Center, Shanghai Jiao Tong University School of Medicine
2014-2019 Scientific Advisor, National Institute for Environmental Health and Related Product Safety, China CDC

2015-2018 "10 Talent Plan" Award, Adjunct Professor, Shanxi Medical University, Shanxi Province, China
 2014 Expert Panel, 2014 Furniture Flammability & Human Health Summit, Atlanta, USA
 2013-2016 "Innovation and Pioneering" Award in Cancer Epidemiology, Jiangsu Province, China
 2012-2015 Xiehe Adjunct Professor, Cancer Hospital & Institute, Chinese Academic of Medical Sciences, China National Cancer Center
 2011-2014 "100 Talent Plan" Award from Shanxi Government, Adjunct Professor, Shanxi Medical University, Shanxi Province, China
 2013-2016 Adjunct Professor, Lanzhou University, Lanzhou, China
 2011-2013 Adjunct Associate Professor, College of Medicine, Dentistry and Nursing, University of Dundee, Scotland, UK
 2010 Consultant, International Prevention Research Institute (iPRI), Lyon, France
 2008 Expert Panel, IARC Monographs on the evaluation of carcinogenic risks to humans Volume 99: Some industrial and cosmetic dyes, and related exposures, Lyon, France
 2007 Oral Presentation in AACR Symposium: Ultraviolet radiation and risk of non-Hodgkin lymphoma
 2006 Oral Presentation in AACR symposium: Polymorphisms in cell cycle pathway genes and risk of non-Hodgkin lymphoma
 2005 Scholar-in-Training Award, American Association of Cancer Research

B) University

2008 YCCI Scholar Award, Yale Center for Clinical Investigation
 2008 Argall and Anna Hull Cancer Research Award, Yale Cancer Center

Grant History

A) Current Grants

1. Agency: NIH/NIEHS

I.D.# R01 ES020361
 Title: "PHAHs and Thyroid Cancer Risk in DoDSR Cohort"
 P.I.: Yawei Zhang/Jennifer Rusiecki
 Percent effort: 13.5%
 Total costs for project period: \$3,319,250
 Project period: 08/01/2012 – 04/30/2019 (NCE)

2. Agency: Natural Science Foundation of China

I.D.# NSFC81473061 (*equivalent to NIH R01 grant*)
 Title: Determinants of methylation status of IGF pathway genes and its impact on birth weight
 P.I.: Yawei Zhang
 Percent effort: 0% (no salary support)
 Total costs for project period: \$112,903 (RMB 700,000)
 Project period: 01/01/2015 – 12/31/2018

3. Agency: Ministry of Science and Technology of the People's Republic of China

I.D.# 2016YFC1302500 (*equivalent to NIH P grant*)
 Title: "Novel approaches of monitoring and controlling major cancer risk factors in China"
 P.I.: Yawei Zhang
 Percent effort: 0% (no salary support)
 Total costs for project period: \$1,500,000 (RMB 9,300,000)
 Project period: 09/01/2016 – 12/31/2020

4. Agency: Li's Gift

Title: "Surgical Outcome Research in China"
P.I.: Yawei Zhang
Total costs for project period: \$250,000
Percent effort: 0%
Project period: 01/01/2017 – 12/31/2022

5. Agency: Tus-Digital Technology (Beijing) Co. Ltd

Title: "Establishing Platform of Monitoring and Controlling Major Cancer Risk Factors in China"
P.I.: Yawei Zhang
Percent effort: 1%
Total costs for project period: \$29,540 (RMB 200,000)
Project period: 01/01/2018 – 01/01/2019

6. Agency: American Cancer Society

I.D.# MRSB CNE-128226
Title: "Exposure to halogenated aromatic compounds and risk of thyroid cancer"
P.I.: Nicole Deziel
Role on Project: Mentor
Percent effort: 2%
Total costs for project period: \$729,000
Project period: 01/01/2016 – 12/31/2020

7. Agency: Environmental Protection Agency

I.D.# EPA-G2014-STAR-J1
Title: "SEARCH: Solutions to Energy, Air, Climate, and Health"
P.I.: Michelle Bell
Role on Project: Co-Investigator
Percent effort: 7.5%
Total costs for project period: ~\$5,000,000
Project period: 09/01/2015 – 08/31/2020

8. Agency: NIH/NCI

Title: "Robust genetic interaction analysis for cancer prognosis data"
P.I.: Shuangge Ma
Role on Project: Co-Investigator
Percent effort: 4%
Total costs for project period: \$1,665,000
Project period: 07/01/2016 – 06/30/2020

9. Agency: NIH/NCI

I.D.# R21CA223686-01A1
Title: "Understanding sex differences in colon cancer metabolism"
P.I.: Caroline Johnson/Sajid Khan
Role on Project: Co-Investigator
Percent effort: 5%
Total costs for project period: \$460,625
Project period: 09/01/2018 – 08/31/2020

10. Agency: NIH/NCI

I.D.# R03CA216017
Title: "Assisted network-based analysis of cancer gene expression studies"
P.I.: Shuangge Ma
Role on Project: Co-Investigator

Percent effort: 6.5%
Total costs for project period: \$ 165,000
Project period: 08/01/2017 – 07/31/2019

B) Past Grants

1. Agency: American Cancer Society

I.D.# RSGM-10-038-01-CCE
Title: “Epidemiology Study of Thyroid Cancer”
P.I.: Yawei Zhang
Percent effort: 20%
Total costs for project period: \$1,200,000
Project period: 01/01/2010 – 12/31/2015(NCE)

2. Agency: Beijing Giant Route Data Co. Ltd

Title: “Training Next Generation Population-based Scientists”
P.I.: Yawei Zhang
Percent effort: 0% (no salary support)
Total costs for project period: \$80,322 (RMB 500,000)
Project period: 05/01/2015 – 04/30/2018

3. Agency: Shanxi Province Government/Shanxi Medical University, China

Title: “A birth cohort study in Taiyuan, China”
P.I.: Yawei Zhang/Suping Wang
Percent effort: 0% (no salary support)
Total costs for project period: \$354,839 (RMB 2,200,000)
Project period: 10/01/2011 – 07/15/2018

4. Agency: NIH/NICHD/Fogarty (For established investigator to expand their research area)

I.D.# K02 HD70324
Title: “Independent Scientist of Global Health-Air Pollution and Fetal Growth”
P.I.: Yawei Zhang
Percent effort: 50%
Total costs for project period: \$519,842
Project period: 03/01/2011 – 02/28/2017 (NCE)

5. Agency: NIH/NCI

I.D.# R01 CA169043
Title: “New statistical methods to handle spatial uncertainty in cancer risk estimation”
P.I.: Xiaomei Ma/Yongtao Guan
Role on Project: Co-Investigator
Percent effort: 4%
Total costs for project period: \$2,212,232
Project period: 06/01/2013 – 05/31/2017

6. Agency: NIH/NICHD/Fogarty (Supplementary grant)

I.D.# K02 HD70324-02S1
Title: “Indoor air pollution and adverse birth outcomes in China”
P.I.: Yawei Zhang
Percent effort: 0% (no salary support)
Total costs for project period: \$90,000
Project period: 09/01/2012 – 02/28/2016

Agency: NIH/NCI

7. Agency: NIH/NIMHHD

I.D.# U24 MD006938

Title: “Eastern Caribbean Health Outcomes Research Network (ECHORN)”

P.I.: Marcella Nunez-Smith

Role on Project: Member of Faculty Advisory Board

Percent effort: 2%

Total costs for project period: \$4,559,642

Project period: 09/19/2011 – 05/31/2016

8. Agency: NIH/NCI

I.D.# R21 CA165923

Title: “Robust rank-based methods and detection of GXE in cancer etiology and survival”

P.I.: Yawei Zhang/Shuangge Ma

Percent effort: 10%

Total costs for project period: \$433,695

Project period: 03/13/2012 – 02/28/2016 (NCE)

9. Agency: Gansu Provincial Maternity and Child Care Hospital

Title: “Training Clinical Researcher”

P.I.: Yawei Zhang

Percent effort: 0% (no salary support)

Project period: 03/01/2015 – 03/30/2017

10. Agency: Cancer Institute & Hospital, Chinese Academy of Medical Sciences, China National Cancer Center

Title: “Xiehe Jiangzuo Professor Award”

P.I.: Yawei Zhang

Percent effort: 0% (no salary support)

Total costs for project period: \$40,322 (RMB 250,000)

Project period: 10/01/2012 – 09/30/2015

11. Agency: NIH/NCI

I.D.# R01 CA142774

Title: “Novel Methods of Integrative Analysis of Cancer Genomic Data”

P.I.: Shuangge Ma

Role on Project: Co-Investigator

Percent effort: 4.5%

Total costs for project period: \$1,619,030

Project period: 09/01/2010 – 06/30/2014

12. Agency: NIH/Fogarty

I.D.# D43 TW008323

Title: “Research Training for Cancer Epidemiology and Biostatistics in China”

P.I.: Tongzhang Zheng

Role on Project: Co-Investigator

Percent effort: 2%

Total costs for project period: \$1,178,321

Project period: 07/01/2009 – 06/30/2014

13. Agency: NIH/Fogarty

I.D.# D43 TW007864

Title: "Research Training for Study of Air Pollution Control in China"
P.I.: Tongzhang Zheng
Role on Project: Co-Investigator
Percent effort: 5%
Total costs for project period: \$809,277
Project period: 05/01/2007 – 04/30/2012

14. Agency: Yale Center for Clinical Investigation

I.D.# UL1 RR024139
Title: "Maternal Exposure to One Carbon Nutrients and Methylation Status of IGF2 in China"
P.I.: Yawei Zhang
Percent effort: 30%
Total costs for project period: \$137,569
Project period: 09/01/2008 – 08/31/2010

15. Agency: Yale Cancer Center

I.D.# Pilot project
Title: "A Pilot Study of T-cell Lymphoma Prognosis"
P.I.: Yawei Zhang
Percent effort: 0% (no salary support)
Total costs for project period: \$137,569
Project period: 06/01/2008 – 10/30/2009

16. Agency: NIH/NCI

I.D.# R03 CA130110
Title: "Quality of Life Among Testicular Cancer Survivors"
P.I.: Yawei Zhang
Percent effort: 10%
Total costs for project period: \$165,500
Project period: 08/01/2007 – 10/30/2010

17. Agency: NIH/NCI

I.D.# R01 CA104786
Title: "Environment, Gene and Testicular Cancer"
P.I.: Tongzhang Zheng
Role on Project: Co-Investigator
Percent effort: 5%
Total costs for project period: \$5,079,796
Project period: 05/01/2006 – 04/30/2011

C) Pending Grants

1. Agency: NIH-P42

Title: "Novel Approaches for Investigating and Mitigating Water Contaminants"
P.I.: Vasiliou/Leaderer
Role on Project: Project-PI
Percent effort: 15%
Total costs for project period: \$8,750,000
Project period: 12/01/2019 – 11/30/2024

Lectures, Courses, invited Talks:

Lectures & Courses

- 2016-present Course Director, EHS 507A Environmental Epidemiology
- 2005-2015 Course Director, EHS 580B Environmental Hormones and Human Health
- 2009-2011 Course Director, EHS 525A Seminar in Environmental Health
- 2005-2011 Guest lectures, EHS 507A Environmental Epidemiology
- 2006-2007 Guest lectures, EHS 510B Fundamentals of Environmental Health and Risk Assessment
- 2011-2018 Guest Lectures, F&ES 898A The Environment and Human Health
- 2015-present Guest lectures, EHS 510A Principles of Environmental Health
- 2018 Lectures, Surgery ICU lecture series, Department of Surgery, YSM, New Haven
“Basic Statistical Analysis”, “Critical Review of Medical Literature”
- 2015 Lectures, Clinical Epidemiology Training Workshop, Shanghai Jiao Tong University, Shanghai, China
“Questionnaire Design and Study Implementation”; “Data Mining”
- 2014 Lecture, Yale-China Cancer Epidemiology and Biostatistics Workshop, Wuhan, China. “Bias”
- 2012 Lectures, Yale-China Cancer Epidemiology and Biostatistics Workshop, Zhengzhou, China,
“Introduction of Bias”; “China Birth Cohort Studies”
- 2011-2012 Lectures, International Prevention Research Institute-University of Dundee Summer School on
Epidemiology and Global Health, Dundee, Scotland, UK, "Analysis of case-control studies";
"Introduction of Bias in Epidemiology Studies"; "Combine epidemiology study results"
- 2011 Lectures, Yale-China CDC Environmental Epidemiology and Biostatistics Workshop, Chengdu, China,
"Introduction of bias in Environmental Epidemiology"; “China Birth Cohort Studies”
- 2009 Lectures, US-China Environmental Epidemiology Workshop, Suzhou, China, "Epidemiology study
design issues-Bias”; “Gene-Environmental Interactions”

Yale Cancer Center “Answers” on WNPR

- 2015 (9/27) “Environmental Causes of Cancer”
- 2014 (4/6) “What’s New in Cancer Epidemiology?”
- 2010 (2/7) “Researching Ways to Prevent Cancer”

Invited Talks

- 2018 *Understanding the Epidemic of Thyroid Cancer*, Chinese Clinical Epidemiology Association 17th Annual Meeting, Beijing, China

The age of big data in surgery: risk prediction, quality control, and research data sharing, Commemorative Conference of 60th Anniversary of Cancer Hospital, CAMS. The 6th Academic Conference of National Cancer Center, Beijing, China

Statistical Approaches in Clinical Research, Chinese Medical Research Information Association Annual Conference, Beijing, China

The age of big data in surgery: risk prediction, quality control, and research data sharing, Peking Union Hospital, Beijing, China

Advanced Study Design and Principles in Clinical Research, Beijing Lung Hospital, Beijing, China

Modern Epidemiology of Colorectal Cancer, The 3rd Colorectal Cancer International Summit Forum, China National Cancer Center, Beijing, China

The age of big data in surgery: risk prediction, quality control, and research data sharing, Peking University Clinical Research Center 10th Anniversary International Symposium, Beijing, China

Epidemic of Thyroid Cancer, Zhejiang University, Hangzhou, China

Environmental Pollutants and Human Health in China, Gansu Academy of Environmental Sciences, Lanzhou, China

Advanced Study Design and Principles in Clinical Research, Capital Medical University, Beijing, China

Environmental Pollutants and Human Health in China, China Health Policy and Management Society 2nd Biennial Conference, New Haven

PHAHs and Thyroid Cancer, 2018 UL Annual Meeting Chemical Safety Roundtable, Chicago, USA

Impact of Environmental Pollutants on Human Health in China, China Health Network: China Health Lecture Series, New Haven

Cancer in China: Environmental Influences and Prevention, Yale IMD Hospital Management and Leadership Program, New Haven

Methods in Surgical Outcome Research, Research Seminar, Department of Surgery, New Haven

The Age of Big Data in Surgical Outcomes, Sichuan University, Chengdu, China

2017 *The Age of Big Data in Surgical Outcomes*, The 2nd Colorectal Cancer International Summit Forum, China National Cancer Center & Annual Scientific Meeting of Chinese Colorectal Cancer Association, Beijing, China

Air pollution and Pregnancy Outcomes, The 1st China Conference on Environment and Health, Beijing, China

Exposure Assessment and Human Health -- Epidemiologic Approaches, Beijing University of Sciences and Technology, Beijing, China

The Age of Big Data in Surgical Outcomes Research, China National Children's Center, Beijing, China

Big Data Mining in Liver Transplantation Outcome Research, The 302 Military Hospital, Beijing, China

Understanding Bias, Confounding and Effect Modification in Clinical Research Capital Medical University, Beijing, China

Exposure Assessment in Clinical Research, Capital Medical University, Beijing, China

Patient Cohort and Biorepository in Clinical Research”, Capital Medical University, Beijing, China

Causal Inference and Utilization of Registry Data, Capital Medical University, Beijing, China

Environmental contributions to congenital heart diseases, The 3rd China International Forum of Pediatric Development, Beijing, China

The Age of Big Data in Surgical Outcomes Research, The 302 Military Hospital, Beijing , China

Current Understanding of Epidemic of Thyroid Cancer, Chinese Medical University, Shenyang, China

Novel Approaches of Monitoring and Controlling Cancer Major Risk Factors in China, National Cancer Institute, NIH, Rockville

Novel Approaches of Monitoring and Controlling Cancer Major Risk Factors in China, China National Cancer Center Annual Meeting, Beijing, China

Cancer Prevention Research in China---Opportunities and Challenges, Yale Cancer Center Global Oncology Retreat, New Haven,

2016 *Current Understanding of Epidemic of Thyroid Cancer*, Xinan Hospital, The Third Military Medical University, Chongqing, China

Current Understanding of Epidemic of Thyroid Cancer, Chongqing College of Science and Technology, Chongqing, China

Initiative of Surgical Outcomes and Epidemiology Research, Yale University School of Medicine, Department of Surgery Grand Rounds, New Haven

Current Understanding of Epidemic of Thyroid Cancer, The 8th National Annual Meeting of Yong Epidemiologist and The 9th China Middle Region Epidemiology Symposium, Taiyuan, China

Understanding of Epidemic of Thyroid Cancer, Institute of Environmental Health and Related Product Safety, China CDC, Beijing, China

Air pollution and Adverse Pregnancy Outcomes in Lanzhou, China, Chinese Research Academic of Environmental Sciences, Beijing, China

2015 *Understanding of Epidemic of Thyroid Cancer*, Henry Ford Health System, Detroit

Air pollution and Adverse Birth Outcomes in Lanzhou, China, Institute of Environmental Health and Related Product Safety, China CDC, Beijing, China

Understanding of Epidemic of Thyroid Cancer, Rutgers School of Public Health, Piscataway, New Jersey

Understanding of Epidemic of Thyroid Cancer, The University of Chicago, Chicago

Alcohol and Thyroid Cancer: a population-based case-control study in Connecticut, The 3rd Alcohol and Cancer Conference, Crete, Greece

Ambient and Indoor Air Pollution and Adverse Birth Outcomes: Lanzhou Birth Cohort Study, Yale US-China Forum, New Haven

Environmental Contributions to Pregnancy Outcomes: China Birth Cohort Study, Yale-China Association Fireside Chat, New Haven

Current Understanding of Epidemic of Thyroid Cancer, Qidong Liver Cancer Institute, Qidong,

2014 *Epidemic of Thyroid Cancer*, American Cancer Society (ACS) Multiple Endocrine Neoplasia Type 2 (MEN2) Consortium Retreat, ACS, Atlanta

Current Understanding of Increasing Trend of Thyroid Cancer, The 3rd Annual Meeting of the Chinese Thyroid Association, Hangzhou, China

PBDEs and Human Health, 2014 Furniture Flammability & Human Health Summit, Atlanta, USA

Ambient Air Pollution and Preterm Birth in Lanzhou, Chinese Research Academy of Environmental Sciences, Beijing, China

Cancer Epidemiology Study Design, Qidong Liver Cancer Institute, Qidong People's Hospital, Qidong, Jiangsu, China,

2013 *Epidemiology Study of Thyroid Cancer*, American Cancer Society (ACS) Multiple Endocrine Neoplasia Type 2 (MEN2) Consortium Retreat, ACS, Atlanta

The Epidemiology of Thyroid Cancer, The New England Endocrine Tumor Symposium at Yale, New Haven

Current Controversies of Increasing Trend of Thyroid Cancer Worldwide, China National Cancer Center, Beijing, China

Current Controversies of Increasing Trend of Thyroid Cancer Worldwide, Nanjing Medical University School of Public Health, Nanjing, China

Current Controversies of Increasing Trend of Thyroid Cancer Worldwide, The Third Military University, Chongqing, China

Current Controversies of Increasing Incidence of Thyroid Cancer, Lanzhou University School of Public Health, Lanzhou, China

Risk factors of Mycosis Fungoides and Sezary Syndrome, 2013 Annual InterLymph Conference, Dijon, France

Biobanking-Experience from Epidemiology Studies in the US and China, Eastern Caribbean Health Outcomes Research Network, Second ECHORN Symposium, US Virgin Island

2012 *Epidemiology Study of Thyroid Cancer*, American Cancer Society (ACS) Multiple Endocrine Neoplasia Type 2 (MEN2) Consortium Retreat, University of Wisconsin, Madison, WI, USA

- Mycosis Fungoides and Sezary Syndrome of InterLymph Subtype Project*, 2012 Annual InterLymph Conference, Washington DC, USA,
- Fetal Origin Hypothesis-China Birth Cohort Study*, Zhengzhou University, Zhengzhou, China
- 2011 *Epidemiology Study of Thyroid Cancer*, Yale Cancer Center Grand Rounds, New Haven, USA
- Epidemiology of Thyroid Cancer*, ACS MEN2 Consortium Retreat, Madison, WI, USA
- Etiology and Survival of non-Hodgkin lymphoma*, Cancer Institute/Hospital, Chinese Academy of Medical Sciences, Beijing, China
- Environment and Genetic Influence on Non-Hodgkin Lymphoma*, University of Dundee, Scotland, UK
- Environment and Genetic Influences on Non-Hodgkin Lymphoma*, MD Anderson Cancer Center, Houston, USA, "
- Epidemiology of Thyroid Cancer*, Cancer Control and Prevention Research Program, Yale Cancer Center, New Haven, USA
- Environment, Gene and Risk of Non-Hodgkin Lymphoma*, University of Pennsylvania, Philadelphia, USA
- 2010 *Study Design in Reproductive Health*, Gansu Provincial Maternal and Child Care Hospital, Lanzhou, China
- Cancer Etiology in 21 Century*, Gansu Provincial Academy of Medical Science/Gansu Tumor Hospital, Lanzhou, China
- Etiology of Non-Hodgkin Lymphoma*, Shanxi Medical University, Taiyuan, China
- Epidemiology of Mycosis Fungoides and Sezary Syndrome*, United States Cutaneous Lymphoma Consortium, Miami, Florida,
- 2009 *The Role of Environmental Factors in Non-Hodgkin Lymphoma*, Yale Cancer Center Grand Rounds, New Haven, USA
- Establishing of Birth Cohort in China*, China's NIEHS, CDC, Beijing, China
- Epidemiology of Non-Hodgkin Lymphoma*, Nanjing Medical University, Nanjing, China
- Epidemiology of Non-Hodgkin Lymphoma*, University of Alabama, Birmingham, USA
- 2008 *Public Health Context for Nutrition in China*, Symposium: Public Health Nutrition Interventions in South China: Policy Approaches, New Haven, USA
- Fetal Origin Hypothesis of Human Cancer*, International Symposium on Development and Diseases, Chengdu, China
- Epidemiology of Non-Hodgkin Lymphoma*, Fudan University, Shanghai, China,
- Genetic Susceptibility, Hair Dye Use, and Risk of Non-Hodgkin Lymphoma*, Lanzhou University, Lanzhou, China,

Epidemiology of Non-Hodgkin Lymphoma, Zhengzhou University, Zhengzhou, China

Gene-environment Interaction Study Design, National Birth Defect Registry, Sichuan University, Chengdu, China

Genetic determinants of T-cell lymphoma, Peripheral T-cell Lymphoma Forum, Washington DC, USA

Pooled Analysis of Hair Dye Use and Risk of Non-Hodgkin Lymphoma, International Lymphoma Consortium Annual Meeting, Sydney, Australia

2007 *Study Design Issues of Air Pollution and Human Health in China*, China's NIEHS, CDC, Beijing, China

Early Life Exposures and Human Cancer Risk, Lanzhou University, Lanzhou, China

Epidemiology of Non-Hodgkin Lymphoma, South Maine University, Portland, Maine, USA

2006 *Environmental Exposures, Genetic Susceptibility and Risk of Non-Hodgkin's Lymphoma*, Continuing Medical Education Programs Conference, Yale University, New Haven, USA

Sun Exposure and Risk of Non-Hodgkin Lymphoma, AACR Annual Meeting, Washington DC, USA

An InterLymph-based Analyses of Hair Dye Use and Non-Hodgkin Lymphoma, International Lymphoma Consortium Annual Meeting, Washington DC, USA

PROFESSIONAL SERVICE

Peer Review Groups/Grant Study Sections

2018 Member, Biomedical Computing and Health Informatics study section, BCHI, NIH
2018 Member, Cooperative Research Agreements Related to the World Trade Center Health Program (U01) study section, CDC/NIOSH
2018 Member, Topics in Metabolism and Reproductive Sciences study section (2018/05 ZRG1 EMNR-C (02) M), NIH
2018 Member, Chronic Disease in the Caribbean study section (2018/05 ZRG1 PSE-V (80) S), NIH
2017 Member, Special emphasis panel the review of environmental placental origins of development (ePOD) Committee (2018/01 ZES1 JAB-D R11), NIH
2017 Member, Centers for Oceans and Human Health 3: Impacts of Climate Change on Oceans and Great Lakes (COHH3) Special Emphasis Panel Committee (2018/01 ZES1 LWJ-K(P2)2), NIH
2017 Member, Limited Competition: The Chernobyl Tissue Bank – Coordinating Center” (U24) Review Panel, NIH
2016-2018 Member, Cancer, Heart, and Sleep Epidemiology Panel B (CHSB) Study Section, NIH
2014-2015 Member, Epidemiology of Cancer (EPIC) Study Section, NIH
2014 Co-Chair, ZRG1 PSEQ90 Cancer, Cardiovascular, and Sleep Epidemiology Panel Study Section, NIH
2010-2018 Member, Clinical Cancer Epidemiology (CCE) study section, American Cancer Society
2013 Ad hoc Member, Epidemiology of Cancer (EPIC) Study Section, NIH
2012 Ad hoc Member, Infectious Diseases, Reproductive Health, Asthma and Pulmonary Conditions (IARP) Study Section
2009-2010 Ad hoc Member, Small Grants Program in Cancer Epidemiology study section, NIH/NCI
2010 Member, ZRG1 PSE-J(2)M, Special Emphasis Panel Committee, NIH
2009-2010 Ad hoc Member, ZCA1 SRLB-D (J1) and ZCA1 SRLB-3(J1), Special Emphasis Panel Review Groups, NIH
2008 Member, HOP-T-(02), Special Emphasis Panel Review Group, NIH

General Editor Encyclopedia of Global Health (4 volume book)

Journal Service

2012-present Associate Editor, *Frontiers in Cancer Epidemiology and Prevention*
2005-present Review for *The Lancet*, *JAMA*, *Human Genetics*, *Journal of the National Cancer Institute*, *Cancer Research*, *Blood*, *American Journal of Epidemiology*, *Thyroid*, *Environmental Health Perspectives*, *Leukemia and Lymphoma*, *Cancer Course & Control*, *Haematologica/The Hematology Journal*, *International Journal of Cancer*, *European Journal of Cancer*, *BMC Cancer*, *Cancer Epidemiology Biomarker and Prevention*, *Cancer Research*, *World Journal of Clinical Oncology*, *Cancer Epidemiology*, *Chemosphere*, *JAMA Oncology*

Professional Organizations

2015-present Member, American Thyroid Association
2014-present Member, International Society for Environmental Epidemiology
2003-present Member, International Lymphoma Epidemiology Consortium (InterLymph)
2005-present Member, American Association for Cancer Research
2010 Member, United States Cutaneous Lymphoma Consortium
2005 Member, The American College of Epidemiology
2005 Member, The Molecular Epidemiology Working Group of the AACR

Departmental Committees

2017 Chair, Search Committee for Faculty on Environmental Epidemiology in Environmental Health Sciences Department
2016-present Member, A & P committee in the Department of Surgery
2016-present Member, Strategic Subcommittee of Quality and Outcomes, Department of Surgery
2016-present Member, Executive Committee of Yale Climate Change and Health Initiative
2014-2015 Member, 100 College Space Working Group
2012-present Member, Sustainability Strategic Plan Committee
2010-present Member, MPH Admission Committee
2008-present Member, Global Health Concentration Committee
2015 Member, Evaluation Committee for Promotion
2014 Member, Evaluation Committee for Promotion
2013 Member, Search Committee for Junior Faculty on Perinatal Epidemiology in Chronic Disease Epidemiology Department
2012 Member, Search Committee for Junior Faculty on Epidemiology in Environmental Health Sciences Department
2007-2010 Member, Doctoral Committee
2006-2007 Member, MPH Admission Committee
2011-present Member, Endocrine Tumor Board
2005-present Mentor on National Cancer Institute training grant T32-CA105666
2009-2014 Mentor on Fogarty training grant of Cancer Epidemiology and Biostatistics in China D43 TW008323
2007-2012 Mentor on Fogarty training grant of Study Air Pollution Control in China D43 TW007864

Bibliography:

1. Peer-Reviewed Manuscripts

1. Zheng T, Holford TR, Mayne ST, Owens PH, Zhang B, Boyle P, Carter D, Ward B, **Zhang Y**, Zahm SH. Exposure to electromagnetic fields from use of electric blankets and other in-home electrical appliances and breast cancer risk. *Am J Epidemiol* 2000; 151:1103-11 PMID: 10873135

2. Zheng T, Holford TR, Tessari J, Mayne ST, Zahm SH, Owens PH, Zhang B, Ward B, Carter D, **Zhang Y**, Zhang W. Oxychlorodane and trans-nonachlor in breast adipose tissue and risk of female breast cancer. *J Epidemiol & Biostat* 2000; 5: 153-60 PMID: 11051111
3. Zheng T, Duan L, Lui Y, Zhang B, Wang Y, Chen YX, **Zhang Y**, Owens PH. Lactation reduces breast cancer risk in Shandong Province, China. *Am J Epidemiol* 2000; 152:1129-35 PMID: 11130618
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