

May 5, 2022

CURRICULUM VITAE

Jianjun Zhang, MD, PhD

Professor

Department of Epidemiology

Indiana University Richard M. Fairbanks School of Public Health

1050 Wishard Boulevard, RG6120, Indianapolis, IN 46202

Lab: Indiana University Simon Comprehensive Cancer Center R3 C570

Phone: (317) 274-4287; Fax: (317) 274-3443; Email: JZ21@iu.edu

EDUCATION

Utah State University	Postdoctoral Research Associate	2002
University of Leuven (KU Leuven)	PhD (Epidemiology)	2000
Xi'an Jiaotong University School of Medicine	MS (Orthopedics)	1986
Xi'an Jiaotong University School of Medicine	MD	1983

FURTHER EDUCATION

Postdoctoral Research Associate. Nutritional and molecular epidemiology of chronic diseases at the Center for Epidemiologic Studies and Department of Nutrition and Food Sciences, Utah State University, Logan, UT 1/2001-4/2002

Johns Hopkins University Graduate Summer Institute of Epidemiology and Biostatistics; Courses completed: (1) Genetic Epidemiology, and (2) Molecular Biology for Genetic Epidemiology. Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD 6/2001

Visiting Scientist. Department of Public Health, Aichi Medical University, Aichi, Japan 4/1995-3/1996

Visiting Scientist. Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD 9/1988-3/1989

APPOINTMENTS

ACADEMIC

Department of Epidemiology, Richard M. Fairbanks School of Public Health, Indiana University, Indianapolis, IN	Professor (tenured)	7/2022-
--	---------------------	---------

Department of Epidemiology, Richard M. Fairbanks School of Public Health, Indiana University, Indianapolis, IN	Associate Professor (tenured)	7/2015-6/2022
--	-------------------------------	---------------

Department of Epidemiology, Richard M. Fairbanks School of Public Health, Indiana University (9/2012-6/2015), and Division of Epidemiology, Department	Assistant Professor	8/2009-6/2015
--	---------------------	---------------

of Public Health, Indiana University School of Medicine (8/2009-8/2012), Indianapolis, IN

Indiana University Melvin and Bren Simon Comprehensive Cancer Center, Indiana University, Indianapolis, IN	Full Member	8/2009-Present
--	-------------	----------------

Department of Epidemiology, Fay W. Boozman College of Public Health, University of Arkansas for Medical Sciences, Little Rock, AR	Assistant Professor	11/2004-7/2009
---	---------------------	----------------

Winthrop P. Rockefeller Cancer Institute, University of Arkansas for Medical Sciences, Little Rock, AR	Member	2/2005-7/2009
--	--------	---------------

Hipple Cancer Research Center, Dayton, OH	Epidemiologist/ Research Scientist III	4/2002-10/2004
---	---	----------------

Department of Epidemiology, Institute of Endemic Bone Diseases, Xi'an Jiaotong University School of Medicine (formerly Xi'an Medical University), Xi'an, China	Associate Professor	5/1996-3/1997
	Assistant Professor	12/1991-4/1996
	Research Associate	9/1986-11/1991

NON-ACADEMIC

Indiana University Center for Urban Health	Investigator	5/2010-Present
--	--------------	----------------

Division of Epidemiology, Arkansas Department of Health, Little Rock, AR	Adjunct Cancer Epidemiologist	11/2004-1/2008
--	-------------------------------	----------------

Advisory Committee of Arkansas Central Cancer Registry, Arkansas Department of Health, Little Rock, AR	Member	11/2004-1/2008
--	--------	----------------

PROFESSIONAL ORGANIZATION MEMBERSHIPS

American Society for Nutrition	Member	2016-Present
American College of Nutrition	Elected Fellow (FACN)	2002-Present
International Epidemiological Association	Member	2002-Present
Society for Epidemiologic Research	Member	2002-Present
American Association for Cancer Research	Member	2002-Present

PROFESSIONAL HONORS AND AWARDS

TEACHING

Recipient of Indiana University Trustees' Teaching Award (with a cash award of \$2,500)	Indiana University	2015
---	--------------------	------

An invited member of the panel for Faculty Roundtable Discussion: Improving Teaching Skills	Indiana University Fairbanks School of Public	6/12/2015
---	--	-----------

and Evaluation Scores (Chaired by Kathryn Coe) Health

RESEARCH

The Anafred Halpern New Investigator Award in recognition of outstanding original research in clinical nutrition	American College of Nutrition	1999
Unilever Corporation Scholarship	University of Leuven/ The Unilever Corporation	1997- 2001
The Cross-Century Leading Investigator Award for the Prevention and Control of Endemic Diseases	Ministry of Health of the People's Republic of China	1997
The Klaus Schwarz Commemorative Medal to the Institute of Endemic Bone Diseases, Xi'an Jiaotong University School of Medicine, China. I was a key investigator for this team award.	International Association of Bioinorganic Scientists	1996
Japan-China Sasakawa Medical Fellowship	The Nippon Foundation and The Japan and China Medical Association	1995- 1996
Scholarship of the United Nations Children's Fund	The United Nations Children's Fund (UNICEF)	1988- 1989

TEACHING

TEACHING ASSIGNMENTS

Indiana University

Undergraduate Courses

Course #	Title	Format	Role	Term	Enrollment
E422/32656	Advanced Epidemiology	Lecture	Course Director	Spring 2020	5
E335/38387	The Lurking Pandemic: Chronic Disease Epidemiology	Lecture	Course Director	Fall 2021	32
E335/28894	The Lurking Pandemic: Chronic Disease Epidemiology	Lecture	Course Director	Fall 2020	34

Graduate and Postgraduate Courses

Course #	Title	Format	Role	Term	Enrollment
E715/37206 (PhD required)	Design and Implementation of Observational Studies	Lecture	Course Director	Fall 2021	3
E715/27486	Design and Implementation of Observational Studies	Lecture	Course Director	Fall 2020	7

E715/27402	Design and Implementation of Observational Studies	Lecture	Course Director	Fall 2019	4
E715/26264	Design and Implementation of Observational Studies	Lecture	Course Director	Fall 2018	8
E715/26822	Design and Implementation of Observational Studies	Lecture	Course Director	Fall 2017	3
E715/32658	Design and Implementation of Observational Studies	Lecture	Course Director	Fall 2016	8
E618/11713	Global Cancer Epidemiology	Lecture	Course Director	Summer 2022	25
E618/12444	Global Cancer Epidemiology	Lecture	Course Director	Summer 2021	24
E618/13916	Global Cancer Epidemiology	Lecture	Course Director	Summer 2020	24
E618/26968	Global Cancer Epidemiology	Lecture	Course Director	Spring 2019	6
E618/31657	Cancer Epidemiology	Lecture	Course Director	Spring 2018	6
E618/25630	Cancer Epidemiology	Lecture	Course Director	Fall 2015	15
E618/27463	Cancer Epidemiology	Lecture	Course Director	Fall 2014	12
E618/25360	Cancer Epidemiology	Lecture	Course Director	Fall 2013	14
E618/12603	Cancer Epidemiology	Lecture	Course Director	Fall 2012	11
P618/20008	Cancer Epidemiology	Lecture	Course Director	Fall 2011	12
P618/29908	Cancer Epidemiology	Lecture	Course Director	Fall 2010	21
E765/32501	Nutritional Epidemiology	Reading	Course Director	Spring 2020	3
E765/32366	Nutritional Epidemiology	Lecture	Course Director	Spring 2017	9
E765/11714	Nutritional Epidemiology	Lecture	Course Director	Spring 2015	14
E765/14843	Nutritional Epidemiology	Lecture	Course Director	Spring 2014	7
E765/13268	Nutritional Epidemiology	Lecture	Course Director	Spring 2013	6
E765/31510	Nutritional Epidemiology	Lecture	Course Director	Spring 2012	13
E765/25615	Nutritional Epidemiology	Lecture	Course Director	Spring 2011	4
E517/37104	Fundamentals of Epidemiology	Lecture	Course Director	Fall 2020	6
E712/22284	Applied Epidemiologic Methods II	Lecture	Course Director	Spring 2022	19
E712/25118	Applied Epidemiologic Methods II	Lecture	Course Director	Spring 2021	13
E712	Applied Epidemiologic	Lecture	Mentor	Spring 2016	1

Methods II			for Robyn Matthews			
E775/12420	Doctoral Research Seminar in Epidemiology	Lecture	Course Director	Summer 2015	5	
E775/16172	Doctoral Research Seminar in Epidemiology	Lecture	Course Director	Summer 2012	9	
E650/14752	Doctoral Research Seminar in Epidemiology	Lecture	Guest Lecturer	Summer 2011 7/27/2011	7	
PBHL P601	Advanced Epidemiology	Lecture	Guest Lecturer	Spring 2012 2/22/2012	32	
E610/31363	Chronic Disease Epidemiology	Lecture	Guest Lecturer	Spring 2013 3/26/2013	17	
P650/26830	Chronic Disease Epidemiology	Lecture	Guest Lecturer	Spring 2011 3/22/2011	20	
P650/26830	Chronic Disease Epidemiology	Lecture	Guest Lecturer	Spring 2010 3/23/2010	9	
P100/30922	Diseases, Disasters and Disparities: An Introduction to Public Health	Lecture	Guest Lecturer	Fall 2010 11/1/2010	11	

-
- All courses listed above are 3 credit hours except E775 (1 credit hour).

Other Courses (Role: Faculty Advisor):

PBHL P602: Epidemiology Public Health Internship:

- Spring 2014 (P602/14879): Nitika Jain, Kendra Ham, and Lian Sang
- Summer 2013 (P602/7069): Mariam Bah, Victoria Buchanan
- Summer 2013 (P602/6984): Cathryn Dickman and Ann Kayser
- Fall 2012 (P602/13082): Michael Scanlon and Zachery Sheff
- Summer 2012 (P602): Adam Mahomed, Michael Scanlon, and Zachery Sheff
- Summer 2011 (P602): Angela Beard
- Summer 2010 (P602): Ling Wang

PBHL E704: Epidemiology Final Concentration Project:

- Spring 2014 (E704/14883): Victoria Buchanan, Mariam Bah, Malika Mahoui, and Michael Scanlon
- Fall 2013 (E704/25739): Cathryn Dickman
- Spring 2013 (P704/13332): Andrea Homoya
- Fall 2012 (P704/13098): Zachery Sheff and Adam Mahomed
- Spring 2012 (P704): Angela Beard
- Spring 2011 (P704): Ling Wang*

PBHL E800: Epidemiology Doctoral Dissertation Research:

- Spring 2022: Tracy Imburgia; Margaret Hoyt
- Fall 2021: Margaret Hoyt and Tracy Imburgia

- Summer 2021: Margaret Hoyt and Tracy Imburgia
- Spring 2021: Margaret Hoyt and Tracy Imburgia
- Fall 2020: Margaret Hoyt
- Summer 2020: Margaret Hoyt
- Spring 2020: Margaret Hoyt
- Fall 2019: Margaret Hoyt
- Summer 2019: Margaret Hoyt
- Spring 2019: Margaret Hoyt
- Fall 2018: Margaret Hoyt
- Summer 2018: Margaret Hoyt
- Summer 2016: Wambui G. Gathirua-Mwangi
- Summer 2015: Wambui G. Gathirua-Mwangi
- Summer 2014: Michael Reger

PBHL E751: Doctoral Readings in Epidemiology:

- Summer 2019 (E751/5491): 1 student
- Spring 2018 (E751/25694): 1 student
- Fall 2013 (E751/27406): 1 student
- Spring 2013 (E751/34226): 1 student

PBHL E752: Doctoral Studies in Epidemiology:

- Summer 2016 (E752/15775): 1 student

PBHL E700: Continuous Enrollment:

- Spring 2014 (E700/32527): Babajide Alalade
- Fall 2013 (E700/32701): Angela Beard
- Summer 2013 (P700/6993): Angela Beard and Adam Mahomed
- Spring 2013 (P700/32215): Angela Beard and Adam Mahomed
- Fall 2012 (P700/13626): Angela Beard
- Summer 2012 (P700): Angela Beard

University of Arkansas for Medical Sciences

1. Undergraduate Courses: None

2. Graduate/Postgraduate Courses:

Course #	Short Title	Format	Role	Term	Enrollment
PBHL5553	Cancer Epidemiology	Lecture	Course Director	Fall 2008	3
PBHL5553	Cancer Epidemiology	Lecture	Course Director	Fall 2007	7
PBHL5553	Cancer Epidemiology	Directed Study	Course Director	Fall 2006	1

All courses listed above are 3 credit hours.

MENTORING

Indiana University

1. Graduate Students

a. Advising PhD students

Major in Epidemiology:

Role: Primary Academic and/or Research Advisor:

- Michael Reger, PhD, MPH, 2010-2014 (Successfully defended his dissertation on July 8, 2014; the first graduate from the Epidemiology PhD program of IU Fairbanks School of Public Health). Dr. Reger is an Associate Professor with tenure at Ferris State University.
- Wambui G. Gathirua-Mwangi, MPH, PhD, 2011-2015 (graduated)
- Margaret Hoyt, MPH, 2015-2022 (scheduled to defend her dissertation on May 18, 2022)
- Andrew Marley, MPH, PhD, 2016-2018 (graduated)
- Tracy Imburgia, MPH, 2018-present
- Zeina Dardari, MPH, 2020-present
- Yunpeng Yu, MS, 2021-present

Role: Member of Dissertation Committee:

- Janet Ford, MPH, PhD, 2015-2017 (graduated)
- Jill Layton, MPH, 2015-present
- Jennifer Marie Alyea, 2017-2021 (graduated)
- Natalie DiPietro Mager, PharmD, MPH, PhD, 2018-2020 (graduated)
- Ran Liao, PhD, 2012-2016 (Graduated, biostatistics)
- Mengjie Zheng, PhD, 2015-2018 (Graduated, biostatistics)
- Xiaochen Li, PhD, 2017-2020 (Graduated, biostatistics)
- Opeyemi Ojo, MPH, 2018-present. I have also served on the mentor panel of NLM T15 program (T15LM012502; 1/7/2017-6/30/2022) - The Indiana Training Program in Public & Population Health Informatics
- Rachel Kenny, MPH, 2022-present

Minor in Epidemiology

Role: Minor Advisor

Student	Major	Years
Ran Liao, PhD	Biostatistics	2012-2016 (Graduated)
Mengjie Zheng, PhD	Biostatistics	2015-2018 (Graduated)
Xiaochen Li, PhD	Biostatistics	2017-2020 (Graduated)
Chenjia Xu, PhD	Biostatistics	2018-2021 (Graduated)
Rizwana Biviji, PhD	Health Policy and Management	2013-2018 (Graduated)

b. Advising MPH students

Role: MPH Advisor (supervised coursework and the final concentration project)

Madhura Sundararajan, 2013-2015

Sucharat Tayarachakul, 2013-2015

Daniel Brown, 2013-2015
 Michael Latran, 2013-2015
 Allison Brickman, 2013-2015
 Nitika Jain, 2012-2014
 Kendra Ham, 2012-2014
 Cathryn Dickman, 2011-2014
 Mariam Sire Bah, 2012-2014
 Miranda Maltenfort, 2011-2013
 Deoye Tonade, 2011-2013
 Adam Mahomed, 2010-2013
 Michael Scanlon, 2010-2014
 Zachary Sheff, 2010-2013

Viacony Herzi, 2013-2014
 Malika Mahoui, 2013-2014
 Lian Sang, 2012-2015
 Ryan Cook, 2012-2014
 Ann Kayser, 2012-2014
 Jill Mazurczyk, 2011-2015
 Victoria Buchanan, 2012-2014
 Camry Hess, 2011-2013
 Christian Fenske, 2011-2014
 Monica Kasting, 2011-2013
 Natalie Raketich, 2010-2013

2. Postdoctoral Fellows, Research Assistants, and Visiting Scholars

Role: Mentor

- Bronson Dokmanovich, BS, MPH student, Research Assistant 1/2022-Present
- Brandon Lewis, BS, MPH student, Research Assistant 8/2021-11/2021
- Liwen Li, PhD, Research Assistant 2/2021-7/2021
- Yunpeng Yu, MS, Research Assistant 11/2019-2/2021
- Haocheng Nan, MD, PhD, Visiting Scholar 9/2017-4/2019
- Hao Fan, MD, MPH, Research Assistant 10/2016-9/2019
- Hang Chen, MD, PhD, Visiting Scholar 6/2020-8/2020
- Bei Kang, MD, MPH, Research Assistant 4/2015-10/2015
- Weiling Niu, PhD, Postdoctoral Fellow 11/2014-6/2015
- Alexandra Vayl, BS, Graduate Research Assistant 9/2013-9/2014
- Lian Sang, MPH, Graduate Research Assistant 5/2013-8/2013
- Jong Won Kim, PhD, Postdoctoral Fellow 1/2013-5/2013
- Zachary Ruder, BS, Graduate Research Assistant 7/2011-9/2012
- Zachary Ruder, BS, Graduate Research Assistant 7/2010-2/2011

3. Research Productivity of Students (Role: Primary Advisor or Dissertation Committee Member)

Peer-reviewed publications and scientific presentations from MPH and PhD students under my guidance are listed in the Publications section and Other Presentations section, respectively.

University of Arkansas for Medical Sciences

1. Graduate Students (Role: Primary Advisor)

- Philip Mwangi, BS, MT, MPH student, 2007-2009
- Paulette Mehta, MD, MPH student, spring 2007 (Course Advisor for Preceptorship), and fall 2007 (IPAC Chair for Integration Project)

2. Postdoctoral Fellows and Research Assistants (Role: Mentor)

- Ishwori Dhakal, MS, Research Assistant/Statistician, 11/2005-10/2008
- Xiaoqin Wang, MD, MPH, Postdoctoral Fellow, 2006-2007

Hipple Cancer Research Center

1. Graduate Students (Role: Mentor)

- Diane Warha, MPH, Research Assistant, 2003-2004
- Haoyue Li, MS, Research Assistant, 6-7/2003

TEACHING ADMINISTRATION AND CURRICULUM DEVELOPMENT (at Indiana University)

- Developed Advanced Epidemiology (E422): undergraduate course
- Developed The Lurking Pandemic: Chronic Disease Epidemiology (E335): undergraduate course
- Developed Fundamentals of Epidemiology (E517): graduate course
- Developed Design and Implementation of Observational Studies (E715): required for PhD students
- Developed Applied Epidemiology Methods II (E712): a MPH capstone course
- Developed Nutritional Epidemiology (E765): graduate course
- Modified/revised Global Cancer Epidemiology (E618): graduate course
- Developed Doctoral Readings in Epidemiology (E775/16172 and E775/12420)
- Participated in departmental meetings of curriculum development and relevant teaching issues

ATTENDANCE OF TEACHING WORKSHOPS AND SEMINARS

- Canvas Migration Drop-In Session, co-sponsored by the IU Center for Teaching and Learning and the IU Office of Online Education, 1:00-4:00 pm, February 25, 2015, EF219 at IU Fairbanks School of Public Health, Indianapolis, IN
- An Introduction to GIS and Community Analysis, a course offered by the New Urban Research, Inc. (Portland, OR) in Little Rock, AR, April 2009

RESEARCH/CREATIVE ACTIVITY

GRANTS/FELLOWSHIPS IN RESEARCH

ACTIVE RESEARCH GRANTS/FELLOWSHIPS

Title	Longitudinal Proteomic and Metabolomic Predictors of Pancreatic Cyst Malignant Progression and Early Stage Pancreatic Cancer
Granting Agency	NIH/NCI 1U01CA239522A1
Role	Principal Investigator [other PI: Max Schmidt (contact)]
% Effort	25%
Award Amount	\$3,324,087
Dates	04/1/2021-03/31/2026
Note	I took the lead in conceiving, designing, and writing this grant application.

Title	Applied Nutrition Research Capacity Building in Laos
Granting Agency	USAID 7200AA18CA00009 (LASER)
Role	Key Personnel/Faculty (PI: Gerald Shively/Michele Forman)
% Effort	5% estimated, depending on effort actually devoted to the project
Award Amount	\$3,500,000
Dates	10/1/2019-9/30/2023

Title The Indiana Training Program in Public and Population Health Informatics
 Granting Agency NIH/NLM 3T15 LM012502-02S1
 Role Co-Mentor (PI: Brian Dixon and Titus Schleyer)
 % Effort Unfunded effort
 Award Amount \$50,000 (per year for mentee: Opeyemi Ojo)
 Dates 7/1/2017-6/30/2022

Title A Pilot Study for Identification and Validation of Exosomal microRNAs and Proteins for Early Detection of Pancreatic Cancer
 Granting Agency NIH/NCI P30CA082709 Indiana University Simon Comprehensive Cancer Center – CPC Shark Tank Grant
 Role Principal Investigator
 % Effort Unfunded effort
 Award Amount \$50,000
 Dates 12/1/2021-11/30/2022

Title Identification and Validation of Exosomal microRNAs and Proteins for Early Detection of Pancreatic Cancer
 Granting Agency NIH/NCI P30CA082709 Indiana University Simon Comprehensive Cancer Center – SPORE Pilot Grant
 Role Principal Investigator
 % Effort Unfunded effort
 Award Amount \$23,600
 Dates 03/1/2022-02/28/2023

COMPLETED RESEARCH GRANTS/FELLOWSHIPS

Title Identifying insulin resistance biomarkers and metabolomic signature as predictors of precursors to pancreatic cancer
 Granting Agency NIH/NCI 1R21CA209366
 Role Principal Investigator (contact) (other PI: Max Schmidt)
 % Effort 8%
 Award Amount \$375,187
 Dates 9/23/2016-8/31/2020 (NCE)

Title Pilot Study of Longitudinal Proteomic and Metabolomic Predictors of Pancreatic Cyst Malignant Progression and Early Stage Pancreatic Cancer
 Granting Agency NIH/NCI P30CA082709 Indiana University Simon Comprehensive Cancer Center – Near Miss Grant
 Role Principal Investigator (other PI: Max Schmidt)
 % Effort Unfunded effort
 Award Amount \$46,200
 Dates 12/1/2019-1/1/2022 (NCE)

Title Interaction between Aflatoxin and HPV Modulates Risk of Precursors to Cervical Cancer
 Granting Agency NIH/NCI P30CA082709 IU Simon Comprehensive Cancer Center – Cancer Prevention and Control Pilot Grant

Role	Principal Investigator
% Effort	Unfunded effort
Amount	\$50,000
Dates	10/1/2016-7/31/2020 (NCE)
Title	Fat-Smoking Interactions in the Lung Cancer Paradox
Granting Agency	Indiana Clinical and Translational Sciences Institute and Indiana Biobank: Pilot Grant for Custom Biospecimen Collection Using the IB Infrastructure
Role	Principal Investigator
% Effort	Unfunded effort
Award Amount	\$5,000
Dates	3/1/2015-2/28/2017
Title	Interdisciplinary Training in Behavioral Oncology - Predoctoral fellowship
Granting Agency	NIH/NCI T32 CA117865-11
Role	Co-Mentor (PI: Victoria Champion)
% Effort	Unfunded effort
Award Amount	\$44,376 (first year for mentee: Andrew Marley)
Dates	9/1/2016-8/31/2019
Title	AMPATH-Oncology Institute: HPV and cervical cancer in Kenyan women with HIV/AIDS
Granting Agency	NIH/NCI 5U54 CA190151
Role	Team Member/Investigator (PI: Patrick Lohrer/Darron Brown/Omenge Orango)
% Effort	Unfunded effort
Award Amount	\$2,232,864
Dates	9/19/2014-8/31/2020 (NCE)
Title	Serum and Tissue Biomarkers of Vitamin K and Risk of Prostate Cancer
Granting Agency	Research Support Funds Grant, Office of the Vice Chancellor for Research, Indiana University Purdue University Indianapolis
Role	Principal Investigator
% Effort	2%
Award Amount	\$35,000
Dates	7/1/2013-6/30/2015
Title	Training in Research for Behavioral Oncology and Cancer Control Program: CURE Supplements to the NCI Education and Career Development Program
Granting Agency	NIH/NCI R25T CA117865-07S1
Role	Co-Mentor (PI: Victoria Champion)
% Effort	Unfunded effort
Award Amount	\$180,026 (for mentee: Wambui Gathirua-Mwangi)
Dates	8/1/2012-7/31/2016
Title	Alterations in Prostate Cancer Progression Genes and Its Postoperative Recurrence
Granting Agency	Ralph and Grace Showalter Research Trust Fund
Role	Principal Investigator

% Effort	5%
Award Amount	\$60,000 (20% indirect cost)
Dates	7/1/2012-6/30/2014 (NCE)
Title	Dietary and Genetic Etiology of Pancreatic Cancer: A Pilot Epidemiologic Study in Indianapolis
Granting Agency	Indiana Clinical and Translational Sciences Institute, Behavioral and Population Project Development Team Award
Role	Principal Investigator
% Effort	Unfunded effort
Award Amount	\$20,610
Dates	3/1/2011-12/31/2014
Title	Alcohol, Genetic Susceptibility to Oxidative Stress, and Pancreatic Cancer
Granting Agency	Medical Research Endowment Award 271-G1-11882-01, University of Arkansas for Medical Sciences
% Effort	Unfunded effort
Role	Principal Investigator
Award Amount	\$15,000
Dates	1/1/2007-6/30/2008
Title	Antioxidants, Genetic Polymorphisms in Antioxidant Enzymes, and Prostate Cancer
Granting Agency	Centers for Disease Control and Prevention (CDC)/the Comprehensive Cancer Control Program of the Arkansas Department of Health
Role	Principal Investigator
% Effort	Unfunded effort
Award Amount	\$80,000
Dates	7/1/2006-6/30/2009
Title	Patterns and Trends of Incidence and Mortality of Lung, Pancreatic, and Colorectal Cancers in Arkansas
Granting Agency	Arkansas Biosciences Institute, State of Arkansas
Role	Principal Investigator
% Effort	Unfunded effort
Award Amount	\$30,600
Dates	3/1/2005-2/28/2007
Title	Validation of the Shanghai Food Frequency Questionnaire in Xi'an, China
Granting Agency	Pilot Fund, Hipple Cancer Research Center
Role	Principal Investigator
% Effort	Unfunded effort
Award Amount	\$20,000
Dates	10/1/2003-9/30/2005
Title	Comparative Study of Low Selenium and Related Factors in the Etiology of Keshan Disease and Kashin-Beck Disease - The China National 8th Five-Year Plan Key Research Project
Granting Agency	Ministry of Science and Technology of China 85-917-01-02

Role Co-Investigator (PI: Huayin Bi)
% Effort Grants in China did not cover salary
Award Amount 300,000 CNY (Chinese Yuan); 1 USD ≈ 6.30 CNY
Dates 1991-1995

Title Epidemiological Study of Trace Elements and Endemic Osteofluorosis
Granting Agency Shaanxi Provincial Department of Health, Shaanxi Province, China
Role Principal Investigator
% Effort Grants in China did not cover salary
Award Amount 3,000 CNY
Dates 1990-1992

Title Research of Prevention and Control of Kashin-Beck Disease
Granting Agency The United Nations Children's Fund (UNICEF) GR/84/011/005
Role Co-Investigator (PI: Zhilun Wang, Jianbo Yang, and Xianggeng Zhou)
% Effort Grants in China did not cover salary
Award Amount \$250,000 (direct cost)
Dates 1985-1993

Title Investigating Associations between Environmental Selenium and Other Trace Elements and Kashin-Beck Disease - The China National 7th Five-Year Plan Key Research Project
Granting Agency Ministry of Science and Technology of China 75-62-03-06-2
Role Co-Investigator (PI: Peipu Yin)
% Effort Grants in China did not cover salary
Award Amount 190,000 CNY
Dates 1986-1990

SOME SCORED UNFUNDED RESEARCH GRANTS/FELLOWSHIPS

Title Circulating Micronutrients and Microbiome Signatures for Early Diagnosis and Progression of Chronic Pancreatitis
Granting Agency NIH/NIDDK 1 R01 DK128441-01A1
Role Principal Investigator (contact) (other PI: William Fisher)
% Effort 30%
Award Amount \$3,195,834
Dates 7/1/2022-6/30/2027
Note **24th percentile** (NIDDK FY21 payline: 16th percentile)

Title Interaction between Types of Fat and Cigarette Smoking in Lung Cancer Paradox: Exposure, Biomarkers, and Mechanisms
Granting Agency NIH/NCI 1U01CA201785-01 (PAR-13-036)
Role Principal Investigator (contact) (other PI: Myron Gross)
% Effort 30%
Award Amount \$2,634,726
Dates 12/1/2015-11/30/2020
Review outcome **Impact score: 41**

Title Genetic and Epigenetic Alterations of Prostate Cancer Progression Genes in its Postoperative Recurrence
Granting Agency DoD Prostate Cancer Research Program – Idea Development Award

Role Principal Investigator
 % Effort 10%
 Award Amount \$584,999
 Dates 5/1/2013-4/30/2016
 Review outcome Overall rating: **2.0 (Excellent)** [rating scale: 1.0 (high merit) to 5.0 (low merit)]

Title Interactions of Fat, Smoking, and Lipid-Metabolizing Genes in Lung Cancer Paradox
 Granting Agency NIH/NCI 1R01CA164394-01
 Role Principal Investigator (contact) (other PI: Paolo Boffetta)
 % Effort 35%
 Award Amount \$1,888,349
 Dates 11/1/2011-10/31/2014
 Review outcome **36th percentile**

INVITED PRESENTATIONS – RESEARCH (n=25)

LOCAL

#	Title	Organization	Date
1	Liquid biopsy for cancer early detection: exosomes as reservoirs of biomarkers	Research Ignite Forum, Indiana University Fairbanks School of Public Health	4/19/2022
2	Path to U01: Longitudinal Proteomic and Metabolomic Predictors of Pancreatic Cyst Malignant Progression and Early Stage Pancreatic Cancer	Pancreatic Cancer – Challenges and Solutions Working Group, Indiana University Simon Comprehensive Cancer Center	6/7/2021
3	CA19-9 Trajectory as an anchor marker for early detection of pancreatic cancer	Research Ignite Forum, Indiana University Fairbanks School of Public Health	1/19/2021
4	Aflatoxin is a potential environmental risk factor for cervical cancer	Research Ignite Forum, Indiana University Fairbanks School of Public Health	12/17/2019
5	Predictive biomarkers of precursors to pancreatic cancer	Research Ignite Forum, Indiana University Fairbanks School of Public Health	4/16/2019
6	Dietary intake and circulating biomarkers of carotenoids and isoflavones and risk of total and advanced prostate cancer	Grand Rounds of Indiana University Simon Comprehensive Cancer Center	3/23/2018
7	Epidemiologic studies of factors influencing insulin resistance and pancreatic cancer risk	Pancreatic Cancer Signature Center, Indiana University Simon Comprehensive Cancer	10/15/2014

		Center, Indianapolis, IN	
8	Dietary and genetic etiology of prostate and pancreatic cancers: two case-control studies	Seminar series of the Department of Medical and Molecular Genetics at Indiana University School of Medicine, R3 203, Indianapolis, IN	2/24/2010
9	Prostate cancer epidemiology	Department of Urology, College of Medicine, University of Arkansas for Medical Sciences, Little Rock, AR	6/12/2009
10	Cancer burden, variation, and trends in Arkansas, US, and World	Public Health Grand Rounds, Arkansas Department of Health, Little Rock, AR	3/22/2007
11	Diet, genes, and cancers of the prostate and pancreas	The Research Conference of Fay W. Boozman College of Public Health, University of Arkansas for Medical Sciences, Little Rock, AR	9/19/2006
12	The utilization and evaluation of population-based cancer registry data	Cancer Registry Education Workshop sponsored by the Arkansas Central Cancer Registry, Little Rock, AR	6/3/2005
13	Diet and cancer: An ecologic assessment	The Forum of the Winthrop P. Rockefeller Cancer Institute, University of Arkansas for Medical Sciences, Little Rock, AR	5/2/2005
14	Egg consumption and colorectal cancer mortality: a global perspective	Hipple Cancer Research Center, Dayton, OH	11/20/2002

NATIONAL/INTERNATIONAL

#	Title	Organization	Date
1	Molecular biomarkers for early detection of pancreatic cancer and its precursors	International Medical Forum, Ningxia Medical University, Yinchuan, China	10/16/2019
2	Nutritional and molecular epidemiological studies of carotenoids and isoflavones and prostate cancer risk	Ningxia Medical University, Yinchuan, China	11/1/2017
3	Dietary intake and circulating biomarkers of bioactive compounds	Chang'an International Conference of Health Sciences	10/26/2017

	and risk of total and advanced prostate cancer: nutritional and molecular epidemiological studies	and the 6 th Australia China Biomedical Conference, Xi'an, China	
4	Identifying molecular biomarkers of precursors to pancreatic cancer: opportunities for collaboration	Xi'an Jiaotong University School of Medicine, Xi'an, China	4/21/2016
5	Diet and cancer risk: an nutritional and molecular epidemiology approach	Indiana CTSI – Purdue Retreat, Purdue University	1/8/2016
6	Controversy over inconsistency between observational studies and randomized chemoprevention trials	Xi'an Jiaotong University School of Medicine, Xi'an, China	6/4/2015
7	Prospective cohort studies of phytoestrogens and chronic disease	Xi'an Jiaotong University School of Medicine, Xi'an, China	6/3/2015
8	Dietary and genetic etiology of prostate and pancreatic cancers: results from two case-control studies	Xi'an Jiaotong University School of Medicine, Xi'an, China	7/14/2011
9	Diet, genes, and risk of prostate and pancreatic cancers	Ohio State University	7/29/2008
10	Calcium, vitamin D, vitamin D and estrogen receptor gene polymorphisms, and colorectal cancer risk	Albert Einstein College of Medicine	6/29/2004
11	Diet, genes, and risk of colorectal and pancreatic cancers	Pennsylvania State University	2/20/2004

OTHER PRESENTATIONS – RESEARCH † Student

LOCAL

#	Title	Organization	Date
1	Fan H†, Marley A, Hoyt M, Nan H, Anderson K, and Zhang J . Associations between intake of calcium, magnesium, and phosphorus and risk of pancreatic cancer in a population-based case-control study in Minnesota	Indiana University School of Public Health – Bloomington 2018 Public Health Research Day, 3 rd place award	4/27/2018
2	Marley A†, Anderson KE, Zhang J . Associations between intake of one-carbon nutrients and the risk of pancreatic cancer	2017 Indiana University Simon Comprehensive Cancer Center Cancer Research Day. <i>2nd Place Population Science/</i>	5/17/2017

Epidemiology (Graduate student)

- | | | | |
|---|---|--|-----------|
| 3 | Mwangi W† and Zhang J. No association between vitamin K intake and prostate cancer risk in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial (PLCO) | 2017 Indiana University Simon Comprehensive Cancer Center Cancer Research Day. <i>3rd Place Population Science/ Epidemiology</i> (Graduate student) | 5/17/2017 |
| 4 | Mwangi W† and Zhang J. Components of metabolic syndrome and total cancer mortality | 2014 Indiana University Simon Comprehensive Cancer Center Cancer Research Day. <i>1st Place Population Science/ Epidemiology</i> (graduate student) | 5/29/2014 |

REGIONAL

#	Title	Organization	Date
1	Wang L†, Zollinger T, and Zhang J. Association between Helicobacter Pylori Infection and Liver Cancer Mortality in 67 Rural Chinese Counties: An Ecologic Study	2012 Ohio Public Health Combined Conference, Columbus, OH (<i>Ohio Public Health Association Academic Section Outstanding Oral Presentation, 3rd place</i>)	5/14-16/2012

NATIONAL/INTERNATIONAL (n=43)

#	Title	Organization	Date
1	Fahrman J, Fan H, Yip-Schneider M, Wu H, Liu Z, Wan J, Liu S, Hanash S, Schmidt CM, and Zhang J. A plasma metabolomic signature improves prediction of malignant intraductal papillary mucinous neoplasm.	Annual meeting of the American Association for Cancer Research in New Orleans, LA	4/8-13/2022
2	Hoyt M† and Zhang J. Association between healthy eating index score and risk of pancreatic cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial	Annual meeting of the American Association for Cancer Research	4/10-15 and 5/17-21, 2021 (virtual meeting due to Covid-19)
3	Hoyt M† and Zhang J. Lifetime body mass index trajectory and pancreatic cancer risk in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial	Annual meeting of the American Association for Cancer Research	4/27-28 and 6-22-24/2020 (virtual meeting due to Covid-19)
4	Flick KF, Yip-Schneider MT,	Annual Meeting of The Western	11/2-

	Simpson RE, Sublette CM, Soufi M, Ceppa EP, Dewitt JM, Mosley AL, Zhang J , and Schmidt CM. A quantitative global proteomics approach identifies candidate urinary biomarkers that correlate with intraductal papillary mucinous neoplasm dysplasia	Surgical Association, Las Vegas, Nevada, NV <i>Oral presentation</i>	11/5/2019
5	Zhang J , Orang'o O, Titus M, Muthoka K, Kiptoo S, Groopman J, Tong Y, Ermel A, Loehrer P, Brown D. Association of detection of aflatoxin in plasma of Kenyan women with increased detection of oncogenic HPV	Annual meeting of the American Society of Clinical Oncology in Chicago, IL	5/31-6/4/2019
6	Hoyt M† and Zhang J . Association between calcium intake and pancreatic cancer risk in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial (PLCO)	Annual meeting of the American Association for Cancer Research in Atlanta, GA	3/29-4/3/2019
7	Simpson R, Yip-Schneider M, Wu H, J Zhang , CM Schmidt. Circulating thrombospondin-2 enhances prediction of malignant intraductal papillary mucinous neoplasia	Annual Meeting of The Midwest Surgical Association in Mackinac Island, MI <i>Oral presentation; Won the best resident in training paper</i>	8/5-7/2018
8	Fan H†, Marley A, Hoyt M, Nan H, Anderson K, and Zhang J . Associations between intake of calcium, magnesium, and phosphorus and risk of pancreatic cancer in a population-based case-control study in Minnesota	Annual meeting of the American Association for Cancer Research in Chicago, IL	4/14-18/2018
9	Marely M†, Hoyt H†, Fan H†, Anderson K, and Zhang J . Association between intake of folate, vitamin B6, vitamin B12, and methionine and risk of pancreatic cancer	2018 Annual Meeting of the Society of Behavioral Medicine in New Orleans, LA	4/11-14/2018
10	Yip-Schneider M, Carr R, Wu H, Fan H, Liu Z, Korc M, Schmidt CM, and Zhang J . Circulating leptin – potential predictor of malignant IPMN risk	2017 Annual Meeting of the Western Surgical Association, Scottsdale, AZ. <i>Oral presentation</i>	11/4-11/7/2017

11	Hoyt H†, Reger MK†, and Zhang J. No association between vitamin K intake and prostate cancer risk in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial (PLCO)	Annual meeting of the American Association for Cancer Research in Washington, DC.	4/1-4/5/2017
12	Reger M†, Zollinger, T, Liu Z, Jones J, and Zhang J. Association between urinary phytoestrogens and C-reactive protein in the continuous National Health and Nutrition Examination Survey	143rd American Public Health Association Annual Meeting and Exposition, Chicago, IL	10/31-11/4/2015
13	Reger MK†, Zollinger TW, Liu Z, Jones J, and Zhang J. Dietary intake of phytoestrogens and the risk of prostate cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial	Annual meeting of the American Association for Cancer Research in Philadelphia, PA	4/18-22/2015
14	Mwangi W† and Zhang J. Components of metabolic syndrome and total cancer mortality	Annual meeting of the American Association for Cancer Research in San Diego, CA	4/5-9/2014
15	Lin J, Zhang J , Welker N, Zhao Z, Li Y, Bronner M. New microRNA markers improve clarification of indeterminate inflammatory bowel disease	103 rd US & Canadian Academy of Pathology (USCAP) annual meeting in San Diego, CA	3/1-7/2014
16	Mwangi W† and Zhang J. Dietary factors and risk of advanced prostate cancer	Annual meeting of the American College of Epidemiology in Louisville, KY	9/21-24/2013
17	Zhang J , Tanaka H, Ito H, and Matsuo K. Fat intake interacts with cigarette smoking to alter lung cancer risk	Annual meeting of the American Association for Cancer Research in Washington, DC	4/6-10/2013
18	Lin J, Liu H, Zhang J , Carver P, Zhao Z, and Liu L. AMACR expression in inflammatory bowel disease-associated colorectal adenocarcinoma is associated with CDX2 expression and lack of tumor heterogeneity	Annual Meeting of the United States and Canadian Academy of Pathology in Baltimore, MD	3/2-8/2013
19	Lin J, Zhao Z, Welker NC, Liu Y, Zhang X, Zhang J , Li Y, Lee HJ, and Bronner MP. Common microRNA	Annual Meeting of the United States and Canadian Academy of Pathology in Baltimore, MD	3/2-8/2013

biomarkers to characterize
inflammatory bowel disease

- | | | | |
|----|---|---|---------------|
| 20 | Zhang J , Tanaka H, Ito H, Boffetta P, and Matsuo K. Genetic variability in lipid metabolism and risk of lung cancer | Annual meeting of the American Association for Cancer Research in Orlando, FL | 4/2-6/2011 |
| 21 | Zhang J , Dhakal I. Nutrition transition and cancer mortality in East Asia | The 43rd Annual Meeting of the Society for Epidemiologic Research in Seattle, WA (<i>Poster presentation</i>) | 6/23-26/2010 |
| 22 | Zhang J , Zhang X, Dhakal I, Gross MD, Lang NP, Kadlubar FF, Anderson KE. Polymorphisms in antioxidant defense and DNA repair genes, dietary intake of antioxidants, and risk of pancreatic cancer | Annual meeting of the American Association for Cancer Research in Washington, DC | 4/17-21/2010 |
| 23 | Zhang J , Dhakal I, Greene G, Lang N, Kadlubar F. Sequence variants in inflammatory genes, plasma antioxidants, and prostate cancer risk | The eighth annual AACR international conference – Frontiers in Cancer Prevention Research in Houston, TX | 11/6-9/2009 |
| 24 | Zhang J , Dhakal I, Greene G, Lang N, Kadlubar F. Polymorphisms in hOGG1 and XRCC1 and risk of prostate cancer: effects modified by plasma antioxidants | The 42nd Annual Meeting of the Society for Epidemiologic Research in Anaheim, CA | 6/23-26/2009 |
| 25 | Greene P, Bursac Z, Kim K, Mehta P, Mays G, Zhang J , Henry-Tillman R. Informing policy initiatives to address disparities in colorectal cancer | The 30th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine in Montreal, Canada <i>Oral presentation.</i> | 4/22-25/2009 |
| 26 | Zhang J , Dhakal I, Lang NP, Kadlubar FF, Gross MD, Anderson KE. Sequence variance in genes involved in oxidative stress and risk of pancreatic cancer: effects modified by alcohol intake | Annual meeting of the American Association for Cancer Research in Denver, CO | 4/18-22/2009 |
| 27 | Zhang J , Dhakal I, Gross M, Lang N, Kadlubar F, Kadlubar S, and Anderson K. Genetic variability in energy metabolism and pancreatic cancer risk: A population-based case-control study in Minnesota | The seventh annual AACR international conference – Frontiers in Cancer Prevention Research in Washington, DC | 11/16-19/2008 |

- | | | | |
|----|--|---|-----------------|
| 28 | Zhang J , Dhakal I, Gross M, Lang N, Kadlubar F, Harnack L, Anderson K. Energy imbalance, fat, fiber, and pancreatic cancer: role of insulin resistance | Annual meeting of the American Association for Cancer Research in San Diego, CA | 4/12-16/2008 |
| 29 | Zhang J , Dhakal I, Stone A, Ning B, Greene GF, Lang NP, Kadlubar FF. hOGG1 Ser326Cys polymorphism and Prostate Cancer Risk: An Effect Modified by Antioxidants | Annual meeting of the American Association for Cancer Research in Los Angeles, CA | 4/14-18/2007 |
| 30 | Zhang J , Dhakal I, Stone A, Ratnasinghe L, Lang N, Kadlubar F. Plasma carotenoids and prostate cancer: a population-based case-control study in Arkansas | The fifth annual AACR international conference – Frontiers in Cancer Prevention Research, Boston, MA | 11/12-15/2006 |
| 31 | Zhang J , Dhakal I, Kesteloot H. Dietary patterns and pancreatic cancer incidence: role of diet-smoking interactions | Annual meeting of the American Association for Cancer Research in Washington, DC | 4/1-5/2006 |
| 32 | Zhang J , Kesteloot H. Meat consumption and incidence of prostate, breast, colon, and rectal cancer: An ecologic assessment | The fourth annual AACR international conference – Frontiers in Cancer Prevention Research, Baltimore, MD | 10/30-11/2/2005 |
| 33 | Zhang J , Kesteloot H. Milk consumption and incidence rates of prostate, breast, and colorectal cancers: An ecologic study | Annual meeting of the American Association for Cancer Research in Anaheim, CA | 4/16-20/2005 |
| 34 | Zhang J , Zhao Z, Berkel HJ. Animal fat consumption and pancreatic cancer incidence: evidence of interaction with cigarette smoking | The AACR-Lustgarten Foundation conference, Pancreatic Cancer 2004: Advances and Challenges, San Francisco, CA | 6/25-27/2004 |
| 35 | Zhang J , Munger RG. Retinol intake and risk of osteoporotic hip fracture in the elderly Utah population | The 44th Annual meeting of the American College of Nutrition, Nashville, TN <i>Oral presentation</i> | 10/9-12/2003 |
| 36 | Zhang J , Temme EHM, Sasaki S, Kesteloot H. Fish consumption and lung cancer mortality: an ecological study | AICR/WCRF International Research Conference on Food, Nutrition, and Cancer, Washington, DC | 7/11-12/2002 |
| 37 | Zhang J , Munger RG, West NA, Cutler DR, Wengreen HJ, Corcoran CD. Antioxidant intake and the risk of | The 35th Annual Meeting of the Society for Epidemiologic Research, Palm Desert, CA | 6/18-21/2002 |

	osteoporotic hip fracture in Utah: an effect modified by smoking status		
38	Zhang J , Munger RG, West NA, Cutler DR, Wengreen HJ, Sassano NE, Corcoran CD. Vitamin K intake and the risk of hip fracture: The Utah Study of Nutrition and Bone Health	Annual Meeting of the Experimental Biology, New Orleans, LA <i>Oral presentation</i>	4/20-24/2002
39	Zhang J , Munger R. Descriptive epidemiology of oral clefts and neural tube defects in China	International Collaborative Research on Craniofacial Anomalies, WHO Meeting on the Prevention of Craniofacial Anomalies, Park City, UT <i>Oral presentation</i>	5/24-26/2001
40	Zhang J , Temme EHM, Sasaki S, Kesteloot H. Under- and overreporting of energy intake using urinary cations as biomarkers: relation to body mass index	The 40th Annual Meeting of the American College of Nutrition, Washington, DC. <i>Special oral presentation for receiving the Anafred Halpern New Investigator Award</i>	09/30-10/3/1999
41	Zhang J , Temme EHM, Kesteloot H. Fish consumption may protect against lung cancer in countries with high levels of smoking or animal fat consumption	The XV International Scientific Meeting of the International Epidemiological Association: Epidemiology of Sustainable Health, Florence, Italy	8/31-9/4/1999
42	Zhang J , Sasaki S, Amano K, Kesteloot H. Fish consumption and mortality from all causes, ischemic heart disease, and stroke: an ecological study	The XV International Scientific Meeting of the International Epidemiological Association: Epidemiology of Sustainable Health, Florence, Italy	8/31-9/4/1999
43	Zhang J , Temme EHM, Kesteloot H. Sex ratio of total energy intake in adults: an analysis of dietary surveys	The XV International Scientific Meeting of the International Epidemiological Association: Epidemiology of Sustainable Health, Florence, Italy	8/31-9/4/1999

SERVICE

UNIVERSITY SERVICE

Indiana University

DEPARTMENT

Diversity Strategic Plan committee, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN Member 2022-

Search Committee for Assistant Clinical Professor, Department of Epidemiology, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Chair	2022
Representative of Department of Epidemiology in the IUPUI Pre-Med Club, Indianapolis, IN (introduce and promote epidemiology program)	Member	2019-present
PhD Admission Committee, Department of Epidemiology, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2013-present
Doctoral Qualifying Exam Committee, Department of Epidemiology, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2013-present
Lecturer Search Committee, Department of Epidemiology, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2014-2015
Research Professor Search Committee, Department of Epidemiology, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2013-2014

SCHOOL

Faculty Assembly Steering Committee, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2012-2014 2019-present
Budgetary Affairs Committee, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2020-present
Research Committee, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2020- present 2012-2018
Scholarship Committee, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2009-2011 2018-2018
Promotion and Tenure Policy and Guideline Workgroup, Indiana University Richard M. Fairbanks School of Public Health, Indianapolis, IN	Member	2011-2013

CAMPUS/UNIVERSITY

Advisory Committee of T15 Indiana Training Program in Public and Population Health Informatics, Indiana University Fairbanks School of Public Health and Regenstrief Institute, Indianapolis, IN	Member	2018-present
The Biostatistics, Epidemiology, and Research Design Program, Indiana Clinical and Translational Sciences Institute	Member	2/2015- 6/2019

Internal Advisors Committee of T32 Interdisciplinary Training in Behavioral Oncology, Indiana University Simon Comprehensive Cancer Center, Indianapolis, IN	Member	2016-2018
Cancer Prevention and Control Program, Indiana University Simon Comprehensive Cancer Center, Indianapolis, IN	Member	2009-present
Pancreatic Cancer - Challenges and Solutions Working Group, Indiana University Simon Comprehensive Cancer Center, Indianapolis, IN	Member	2009-present
Prostate Cancer Workgroup, Indiana University Simon Comprehensive Cancer Center, Indianapolis, IN	Member	2009-present
Internal Advisors Committee of R25T Training in Research for Behavioral Oncology and Cancer Control Program (TRBOCC), Indiana University Simon Comprehensive Cancer Center, Indianapolis, IN	Member	2012-2015
Indiana University Simon Comprehensive Cancer Center Cancer Research Day, Indianapolis, IN	Judge	5/29/2014

University of Arkansas for Medical Sciences

Research Committee, Fay W. Boozman College of Public Health, University of Arkansas for Medical Sciences, Little Rock, AR	Member	2006-2009
Academic Standard Committee, Fay W. Boozman College of Public Health, University of Arkansas for Medical Sciences, Little Rock, AR	Member	2005-2009
Winthrop P. Rockefeller Cancer Institute, University of Arkansas for Medical Sciences, Little Rock, AR	Member	2005-2009

COMMUNITY SERVICE

Indiana University

Indiana Clinical and Translational Sciences Institute global health collaborative research team for investigating arsenic in ground water and renal insufficiency in Costa Rica	Member	2014-2016
---	--------	-----------

PROFESSIONAL SERVICE:

NATIONAL/INTERNATIONAL

Journal Editorial Boards (n=4)

BMC Cancer	Associate Editor	2020-present
------------	------------------	--------------

Chinese Journal of Public Health	Member	2017-present
Journal of Tumor	Member	2013-present
International Journal of Molecular Epidemiology and Genetics	Member	2011-present
World Journal of Clinical Urology	Member	2011-2017

Reviewer for Journals, Grant Proposals, and Book Proposals

a. Reviewer for Journals (n=32)

American Journal of Epidemiology		2014-present
Annals of Epidemiology		2006-present
Archive of Medical Research		2009-present
Breast Cancer Research		2012-present
BMC Cancer		2013-present
Cancer		2007-present
Cancer Causes Control		2007-present
Cancer Epidemiology, Biomarkers & Prevention		2009-present
Cancer Management and Research		2010-present
Cancer Medicine		2019-present
Chemosphere		2020-present
DNA and Cell Biology		2010-present
Environmental Pollution		2020-present
European Journal of Cancer		2009-present
European Journal of Nutrition		2017-present
Gut		2018-present
International Journal of Cancer		2006-present
Journal of Cancer Epidemiology		2012-present
Journal of Genetics and Genomics		2015-present
Journal of Nutrition		2014-present
Maturitas		2019-present
Molecular Carcinogenesis		2010-present
Molecular Nutrition and Food Research		2012-present
Nutrients		2017-present
Nutrition and Cancer: An International Journal		2005-present
Nutrition & Metabolism		2016-present
Pancreas		2009-present
PLOS ONE		2019-present
Public Health Nutrition		2019-present
Scientific Reports		2015-present
Women & Health		2013-present
World Journal of Clinical Urology		2013-present

b. Reviewer for Grant Proposals

NIH National Cancer Institute Special Emphasis Panel/Scientific Review Group 2022/05 ZCA1 RTRB-F (M1) S - Cancer Research Utilizing the PLCO Biospecimens. Teleconference review meeting was held on December 16, 2021 2021

NIH National Cancer Institute Special Emphasis Panel/Scientific Review Group - 2021/10 ZCA1 RPRB – H (01) NCI Program Project II (P01) 2021

Teleconference review meeting was held on June 16-17, 2021
(teleconference review due to the Covid-19 pandemic)

NIH National Cancer Institute Special Emphasis Panel/Scientific Review Group 2021/05 ZCA1 TCRB-T (M1) S - Cancer Biomarkers and Biospecimens. Teleconference review meeting was held on February 26, 2021 2021

Co-Chair, NIH National Cancer Institute Special Emphasis Panel/Scientific Review Group 2020/05 ZCA1 SRB-2 (M2) - Utilizing the PLCO Biospecimens Resources (U01). Teleconference review meeting was held on February 27, 2020 2020

Grant proposals submitted to the Italian Ministry of Health, review completed in February/March 2020 2020

Ad Hoc Member, NIH study section - Kidney, Nutrition, Obesity and Diabetes [KNOD], October 11-12, 2018, Washington, D.C. 2018

Epidemiology Core Pilot Proposal, Indiana University Simon Comprehensive Cancer Center 2016

Research Project Grant, the Health Research Council of New Zealand 2007

c. Reviewer for Book Proposals

Helicobacter pylori: to be or not to be? - Bentham Science Publishers 10/10/2014

The Distribution and Determinants of Disease in Humans: Epidemiology - Delmar, Cengage Learning 4/28/2010

Chairing or Organizing Scientific Conferences

Co-chaired Public Health Session of the Chang'an International Conference of Health Sciences and the 6th Australia-China Biomedical Research Conference, Xi'an, China 10/26/2017

Conceived and organized the Indiana Clinical and Translational Sciences Institute Design and Biostatistics Program "Epidemiology Day – Molecular Epidemiology in the Era of Precision Medicine", meeting room R3/203, Indiana University, Indianapolis, IN. Invited speakers were from Vanderbilt University, Purdue University, University of Notre Dame, Indiana University, and Eli Lilly and Company. 5/13/2016

INVITED PRESENTATION - SERVICE

1. Epidemiology Program at IU Fairbanks School of Public Health. Presented to IUPUI Pre-Med Club at Campus Center at Indiana University Purdue University Indianapolis, Indianapolis, IN on 10/1/2019.

PUBLICATIONS

Papers: † Student; § Corresponding/senior author

1. Tong Y, Orang'o E, Tonui P, Yiannoutsos C, Musick B, Cu-Uvin S, Muthoka K, Titus M, Kiptoo S, Mwangi A, Ermel A, Ong'echa J, Tonui R, Moormann A, Itsura, PM, Odongo BE, Rosen B, Nakalembe M, Song Y, **Zhang J**, and Loehrer PJ, Brown D. The East Africa Consortium for human papillomavirus (HPV) and cervical cancer in women living with HIV/AIDS: framework and proposed studies (2014-present). *Annals of Medicine* in press.
2. Hoyt M†, Song Y, Gao S, O'Palka J, and **Zhang J§**. Intake of calcium, magnesium, phosphorus and risk of pancreatic cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. *Journal of the American College of Nutrition* 2021 Sep 29;1-11. doi: 10.1080/07315724.2021.1970047.
3. Fan H†, Yu Y, Nan H, Hoyt H, Reger, M, Prizment A, Anderson K, and **Zhang J§**. Associations between intake of calcium, magnesium, and phosphorus and risk of pancreatic cancer in a population-based case-control studies in Minnesota. *British Journal of Nutrition* 2021 Jan 26;1-9. doi: 10.1017/S0007114521000283
4. Fahrman JF, Schmidt CM, Mao X, Irajizad E, Loftus M, Zhang JM, Patel M, Vykoukal J, Dennison JB, Long JP, **Zhang J**, Chabot JA, Kluger MD, Kastrinos F, Brais L, Babic A, Jajoo K, Lee S, Clancy TE, Ng K, Bullock A, Genkinger J, Yip-Schneider MT, Maitra A, Wolpin B, and Hanash S. Lead-time trajectory of CA19-9 as an anchor marker for pancreatic cancer early detection. *Gastroenterology* 2021;160(4):1373-1383.e6. doi: 10.1053/j.gastro.2020.11.052. [Impact factor (IF) = 22.682]
5. Wang K, Li Z, Chen X, **Zhang J**, Xiong Y, Zhong G, Shi Y, Li Q, Zhang X, Li H, Xiang T, Foukakis T, Radivoyevitch T, and Ren G. Risk of hematologic malignancies after breast ductal carcinoma in situ treatment with ionizing radiation. *NPJ Breast Cancer* 2021 Mar 2;7(1):21. doi: 10.1038/s41523-021-00228-6. (IF = 6.923)
6. Wang K, Wu Q, Li Z, Reger MK, Xiong Y, Zhong G, Li Q, Zhang X, Li H, Foukakis T, Xiang T, **Zhang J§**, and Ren G. Vitamin K intake and breast cancer incidence and death: results from a prospective cohort study. *Clinical Nutrition* 2021;40(5):3370-3378. (I am a co-corresponding/co-senior author). (IF = 7.324)
7. Li L, Wang F, **Zhang J**, Wang K, De X, Li L, and Zhang Y. Typical phthalic acid esters induce apoptosis by regulating the PI3K/Akt/Bcl-2 signaling pathway in rat insulinoma cells. *Ecotoxicology and Environmental Safety* 2021 Jan 15;208:111461. doi: 10.1016/j.ecoenv.2020.111461 (IF = 6.291)
8. DiPietro Mager NA†, Zollinger TW, Turman JE, **J Zhang**, and Dixon BE. Routine healthcare utilization among reproductive-age women residing in a rural maternity care desert. *Journal of Community Health* 2021;46;108-116.
9. Ford JH†, Zollinger TW, **Zhang J**, O'Neil J, Nelson D, and Steele G. Trends in depressed mood and suicidal behaviors among female high school students who engaged in physical fighting. *Journal of Interpersonal Violence* 2021;36(9-10):NP4826-NP4849. doi.org/10.1177/0886260518790599
10. Flick KF, Yip-Schneider MT, Sublette CM, Simpson RE, Soufi M, Dewitt JM, Mosley AL, Ceppa EP, **Zhang J**, and Schmidt CM. A quantitative global proteomics approach identifies candidate urinary biomarkers that correlate with intraductal papillary mucinous neoplasm dysplasia. *Pancreas* 2020;49(8):1044-1051.
11. Cao J, Zhang L, Li J, Sun L, Liu S, **Zhang J§**, and Zhao H. Pubertal maturation and weight status are associated with dyslipidemia among children and adolescents in Northwest China. *Scientific Reports* 2020;10:16344 doi: 10.1038/s41598-020-73507-0 (I am a co-corresponding/co-senior author).

12. **Zhang J**, Orang'o O, Tong Y, Maina T, Kiptoo S, Muthoka K, Daud I, Ermel A, Groopman J, Smith J, Madeen E, Tonui P, Loehrer P, and Brown D. Detection and concentration of plasma aflatoxin is associated with detection of oncogenic human papillomavirus in Kenyan women. *Open Forum Infectious Diseases* 2019;6(9) Sept. 2, ofz354. <https://doi.org/10.1093/ofid/ofz354>
A documentary <https://youtu.be/23JzdwQx4vY> was broadcasted on the Kenyan national television following publication of this paper. It has caused Kenyan government agencies to take action to contain aflatoxin contamination. Discussion of our study started at 51:42 of the video.
13. Hoyt M†, Reger M, Marely A, Fan H, Liu Z, and **Zhang J§**. Vitamin K intake and prostate cancer risk in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. *American Journal of Clinical Nutrition* 2019;109;392-401. (IF = 7.045)
14. Fahrman JF, Bantis LE, Capello M, Scelo G, Denison JB, Patel N, Murage E, Vykoukal J, Kundnani DL, Foretova L, Fabianova E, Holcatova I, Janout V, Feng Z, Yip-Schneider M, **Zhang J**, Brand R, Taguchi A, Maitra A, Brennan P, Schmidt CM, and Hanash S. Plasma-derived metabolite and protein biomarker panels have additive performance for early stage pancreatic cancer. *Journal of the National Cancer Institute* 2019;111(4):372-379. <https://doi.org/10.1093/jnci/djy126> (IF = 13.757)
15. Yip-Schneider MT, Simpson R, Carr RA, Wu H, Fan H, Liu Z, Korc M, **Zhang J§**, and Schmidt CM. Circulating leptin and branched chain amino acids – potential predictors of malignant intraductal papillary mucinous neoplasm risk. *Journal of Gastrointestinal Surgery* 2019;23;966-974 (I am a co-corresponding/co-senior author).
16. Simpson R, Yip-Schneider MT, Wu H, Fan H, Liu Z, Korc M, **Zhang J§**, and Schmidt CM. Circulating thrombospondin-2 enhances prediction of malignant intraductal papillary mucinous neoplasm. *American Journal of Surgery* 2019;217;425-428. (I am a co-corresponding/co-senior author).
17. Han L, Yang X, Sun W, Li Z, Ren H, Li B, Zhang R, Zhang D, Shi Z, Liu J, Cao J, **Zhang J**, and Xiong Y. The study of GPX3 methylation in patients with Kashin-Beck Disease and its mechanism in chondrocyte apoptosis. *Bone* 2018;117:15-22.
18. Li J, Ding W, Cao J, Sun L, Liu S, **Zhang J§**, and Zhao H. Serum 25-hydroxyvitamin D and bone mineral density among children and adolescents in a northwest Chinese city. *Bone* 2018;116:28-34. (I am a co-corresponding/co-senior author).
19. Marley A†, Hoyt H, Fan H, Anderson K, and **Zhang J§**. Intake of methyl-related nutrients and risk of pancreatic cancer in a population-based case-control studies in Minnesota. *European Journal of Clinical Nutrition* 2018;72:1128-1135.
20. Reger MK†, Zollinger TW, Liu Z, Jones JF, and **Zhang J§**. Dietary intake of isoflavones and coumestrol and the risk of prostate cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. *International Journal of Cancer* 2018;142:719-728. (IF = 7.396)
This paper has received widespread media attention. It has been featured in MedicalNewsToday, Wiley Research Headlines, UK Daily Express Online, Men's Health, NEWSMAXHealth, and NUTRA Ingredients.
21. Li X, Zhao Y, Jin Y, Zhang T, Chang X, Liao S, Xu H, Liu X, Yang J, **Zhang J§**, and Zhang Y. Associations between serum adipocytokines and glycemic control biomarkers in a rural Chinese population. *PLoS One* 2017;12(8): e0182273. <https://doi.org/10.1371/journal.pone.0182273> (I am a co-corresponding/co-senior author).
22. Reger MK†, Zollinger TW, Liu Z, Jones J, and **Zhang J§**. Association between urinary phytoestrogens and C-reactive protein in the continuous National Health and Nutrition

- Examination Survey. *Journal of the American College of Nutrition* 2017;36(6):434-441. doi: 10.1080/07315724.2017.1318722
23. Gathirua-Mwangi WG†, Monahan PO, Murage MJ, and **Zhang J§**. Metabolic syndrome and total cancer mortality in the Third National Health and Nutrition Examination Survey. *Cancer Causes & Control* 2017;28(2):127-136 DOI 10.1007/s10552-016-0843-1 PMID: PMC5308139
 24. Reger MK†, Zollinger TW, Liu Z, Jones J, and **Zhang J§**. Urinary phytoestrogens and cancer, cardiovascular, and all-cause mortality in the continuous National Health and Nutrition Examination Survey. *European Journal of Nutrition* 2016;55(3):1029-40. (IF = 5.614)
 25. Sun J, Lin J, Parashette K, **Zhang J**, and Fan R: Association of lymphocytic colitis and lactase deficiency in a pediatric population. *Pathology – Research and Practice* 2015;211(2):138-44.
 26. **Zhang J§**, Prizment AE, Dhakal IB, and Anderson KE. Cholecystectomy, gallstones, tonsillectomy, and pancreatic cancer risk: A population-based case-control study in Minnesota. *British Journal of Cancer*. 2014;110:2348–2353. PMID: PMC4007236 (IF = 7.640)
 27. **Zhang J§**, Dhakal IB, Zhang X, Prizment AE, and Anderson KE. Genetic variability in energy balance and pancreatic cancer risk in a population-based case-control study in Minnesota. *Pancreas*. 2014;43(2):281-6.
 28. Gathirua-Mwangi WG† and **Zhang J§**. Dietary factors and risk of advanced prostate cancer. *European Journal of Cancer Prevention*. 2014;23(2):96-109.
 29. Lin J, Welker NC, Zhao Z, Li Y, **Zhang J**, Reuss SA, Zhang X, Lee HJ, Liu Y, and Bronner MP. Novel specific microRNA biomarkers in idiopathic inflammatory bowel disease unrelated to disease activity. *Modern Pathology*. 2014;27(4):602-8. (IF = 7.842)
 30. Fan R, **Zhang J**, Cheng L, and Lin J. Testicular and paratesticular pathology in the pediatric population: A 20-year experience at Riley Hospital for Children. *Pathology - Research and Practice*. 2013;209(7):404-408.
 31. Wang L†, Zollinger T, and **Zhang J§**. Association between helicobacter pylori infection and liver cancer mortality in 67 rural Chinese counties. *Cancer Causes & Control*. 2013;24(7):1331-1337.
 32. Lin J, Cao Q, **Zhang J**, Goldblum JR, Shen B, Zhao Z, Li Y, Chinnaiyan A, and Bronner MP. MicroRNA expression pattern in indeterminate colitis. *Modern Pathology*. 2013 26(1):148-54. (IF = 7.842)
 33. Greene P, Mehta P, Yeary K, Bursac Z, **Zhang J**, Goldsmith G, and Tillman R. Using population data to reduce disparities in colorectal cancer screening, Arkansas, 2006. *Preventing Chronic Disease* 2012;9:110256 doi: <http://dx.doi.org/10.5888/pcd9.110256>.
 34. Layton J† and **Zhang J§**. Alcohol intake and esophageal cancer: epidemiologic evidence. In: Watson R, Preedy V, and Zibadi S, eds. Chapter 35. Alcohol, Nutrition, and Health Consequences. *Humana Press*, New York, NY. 2012, pp. 459-469.
 35. **Zhang J§**, Dhakal I, Zhao Z, and Li L. Trends in mortality from the cancers of the breast, colon, prostate, esophagus, and stomach in East Asia: role of nutrition transition. *European Journal of Cancer Prevention* 2012;21(5):480-9.
This paper was editorially commented by Walsh PC in Journal of Urology. 2012;188(1):112-3.
 36. **Zhang J§**, Zhang X, Dhakal IB, Gross MD, Kadlubar FF, and Anderson KE. Sequence variants in antioxidant defense and DNA repair genes, dietary antioxidants, and pancreatic

- cancer risk. *International Journal of Molecular Epidemiology and Genetics* 2011;2(3):236-244.
37. **Zhang J§**, Dhakal I, Lang NP, and Kadlubar FF. Polymorphisms in inflammatory genes, plasma antioxidants, and prostate cancer risk. *Cancer Causes & Control* 2010;21(9):1437-1444.
 38. **Zhang J§**, Dhakal I, Greene GF, Lang NP, and Kadlubar FF. Polymorphisms in hOGG1 and XRCC1 and risk of prostate cancer: effects modified by plasma antioxidants. *Urology* 2010;75(4):779-85.
 39. **Zhang J§**, Dhakal I, Gross M, Lang N, Kadlubar F, Harnack L, and Anderson K. Physical activity, diet, and pancreatic cancer: a population-based case-control study in Minnesota. *Nutrition and Cancer: An International Journal* 2009;61(4):457-465.
 40. **Zhang J§**, Dhakal I, Ning B, and Kesteloot H. Patterns and trends of pancreatic cancer mortality rates in Arkansas, 1969-2002: A comparison with the US population. *European Journal of Cancer Prevention* 2008;17:18-27.
 41. **Zhang J§**, Dhakal I, Stone A, Ning B, Greene G, Lang NP, and Kadlubar FF. Plasma carotenoids and prostate cancer: a population-based case-control study in Arkansas. *Nutrition and Cancer: An International Journal* 2007;59(1):46-53.
 42. **Zhang J§**, Dhakal I, Yan H, Phillips M, and Kesteloot H. Trends in pancreatic cancer incidence in 9 SEER Cancer Registries, 1973-2002. *Annals of Oncology* 2007;18(7):1268-1279. (IF = 32.976)
 43. Kesteloot H and **Zhang J**. Differences in breast cancer mortality worldwide: unsolved problems. *European Journal of Cancer Prevention* 2006;15:416-423.
 44. **Zhang J**, Munger RG, West NA, Cutler DR, Wengreen HJ, and Corcoran CD. Antioxidant intake and the risk of osteoporotic hip fracture in Utah: an effect modified by smoking status. *American Journal of Epidemiology* 2006;163:9-17. (IF = 4.897)
 45. **Zhang J§** and Kesteloot H. Milk consumption in relation to incidence of prostate, breast, colon, and rectal cancers: is there an independent effect? *Nutrition and Cancer: An International Journal* 2005;53(1):65-72.
I was phone interviewed by Ivan Oransky, MD, deputy editor of The Scientist (the premier magazine of life sciences), on a topic entitled "Milk Consumption and Cancer Risk". The interview report appeared as "What's in your milk? The hypothesis: hormones and growth factors in dairy increase cancer risk" in The Scientist 2007;(21)3:34-43.
 46. **Zhang J§**, Zhao Z, and Berkel HJ. Animal fat consumption and pancreatic cancer incidence: evidence of interaction with cigarette smoking. *Annals of Epidemiology* 2005;15:500-508.
 47. Wengreen HJ, Munger RG, West NA, Cutler DR, Corcoran CD, **Zhang J**, and Sassano NE. Dietary protein intake and risk of osteoporotic hip fracture in elderly residents of Utah. *Journal of Bone and Mineral Research* 2004;19(4):537-545. (IF = 6.741)
 48. **Zhang J§**, Zhao Z, and Berkel J. Egg consumption and mortality from colon and rectal cancers: an ecological study. *Nutrition and Cancer: An International Journal* 2003;46(2):158-165.
 49. **Zhang J§**, Kesteloot H. Measuring energy intake in alcohol drinkers. In Preedy V & Watson R, eds. Chapter 12. Nutrition and alcohol: linking nutrient interactions and dietary intake. *The CRC Press, Boca Raton, FL, 2003, pp. 201-217.*
 50. **Zhang J**, Temme EHM, and Kesteloot H. Alcohol drinkers overreport their energy intake: evaluation by the 24-hour urinary excretion of cations. *Journal of the American College of Nutrition* 2001;20:510-519.

51. **Zhang J** and Kesteloot H. Differences in all-cause, cardiovascular and cancer mortality between Hong Kong and Singapore: role of nutrition. *European Journal of Epidemiology* 2001;17:469-477. (IF = 8.082)
52. Temme EHM, **Zhang J**, Schouten EG, and Kesteloot H. Serum bilirubin and 10-year mortality risk in a Belgian population. *Cancer Causes & Control* 2001;12:887-894.
53. Kesteloot H, **Zhang J**. Salt consumption during the nutrition transition in South Korea. *American Journal of Clinical Nutrition* 2000;72:199-201. (IF = 7.045)
54. **Zhang J**, Temme EHM, Sasaki S, and Kesteloot H. Under- and overreporting of energy intake using urinary cations as biomarkers: relation to body mass index. *American Journal of Epidemiology* 2000;152:453-462. (IF = 4.897)
55. **Zhang J**, Temme EHM, and Kesteloot H. Fish consumption is inversely associated with male lung cancer mortality in countries with high levels of cigarette smoking or animal fat consumption. *International Journal of Epidemiology* 2000;29:615-621. (IF = 7.196)
This paper was featured in PUFA Newsletter 2001 March;5(1):8.
56. **Zhang J**, Temme EHM, and Kesteloot H. Sex ratio of total energy intake in adults: an analysis of dietary surveys. *European Journal of Clinical Nutrition* 1999;53:542-551.
57. **Zhang J**, Sasaki S, Amano K, and Kesteloot H. Fish consumption and mortality from all causes, ischemic heart disease, and stroke: an ecological study. *Preventive Medicine* 1999;28:520-529.
This paper was featured in PUFA Newsletter 2000 March;4(1):4.
58. **Zhang J** and Kesteloot H. Anthropometric, lifestyle and metabolic determinants of resting heart rate: a population study. *European Heart Journal* 1999;20:103-110. (IF = 29.983)
59. **Zhang J§** and Kesteloot H. Priority for public health in the People's Republic of China. *Chinese Medical Journal* 1998;111(8):754-755.
60. Mo D, Ding D, Wang Z, **Zhang J**, and Bai C. Study on relationship between selenium and Kashin-Beck disease in 20 years. *Chinese Journal of Control of Endemic Diseases* 1997;12(1):18-21.
61. **Zhang J§** and Sasaki R. Kashin-Beck Disease: epidemiology and etiology. *Modern Medicine* 1996;43:609-613.
62. Mo X, **Zhang J**, and Wang Z. Urinary excretion of hydroxyproline, fluorine, and other five trace elements in patients with endemic osteofluorosis after sources of drinking water changed for seven years. *Guangdong Trace Element Science* 1996;3(2):34-37.
63. **Zhang J**, Suzuki S, and Sasaki R. Cancer incidence among native Chinese and Chinese residing in Hong Kong, Singapore and the United States. *Journal of the Aichi Medical University Association* 1995;23(5):427-436.
64. **Zhang J§** and Wang Z. An investigation of urinary excretion of six elements in patients with endemic osteofluorosis after sources of drinking water changed for seven years. *Bulletin of Disease Control and Prevention* 1994;9(4):11-13.
65. Wang Z, Lu S, **Zhang J**, and Zhou X. Selenium deficiency and Kashin-Beck disease: a case-control study in Shaanxi, Gansu and Heilongjiang provinces. *Journal of Xi'an Jiaotong University (Medical Sciences)* 1993;14:S53-S54.
66. Wang Z, Lu S, Yin P, Ding D, **Zhang J**, and Tan X. A case-control study of Kashin-Beck disease in Yaoxian, Shaanxi province. *Journal of Xi'an Jiaotong University (Medical Sciences)* 1993;14:S1-S6.
67. **Zhang J§** and Wang Z. Epidemiology of Mseleni joint disease in South Africa. *Foreign Medical Sciences (Section of Medical Geography)* 1992;13(2):55-57.

68. Wang Z and **Zhang J**. The role of selenium deficiency in the etiology of Kashin-Beck disease. *Shaanxi Endemic Disease Communications* 1991;3:19-21.
69. Wang Z, Yin P, Ding D, Lu S, **Zhang J**, Tang X, Niu Y, Dang L, Yu J, and Yang J. An intervention trial on the preventive effect of sodium selenite and vitamin C on Kashin-Beck disease. *Shaanxi Endemic Disease Communications* 1991;1:6-8.
70. Ding D, Yu Z, and **Zhang J**. A cross-sectional study of the relation between hair selenium levels and Kashin-Beck disease. *Chinese Journal of Control of Endemic Diseases* 1990;5(3):139-141.
71. Wang Z, Yin P, Ding D, **Zhang J**, Tang X, Pang T, Jia Y, Dang L, Yu J, and Yang J. A case-control study of selenium, mycotoxins, and Kashin-Beck disease in Shaanxi province. *Shaanxi Endemic Disease Communications* 1990;2:22-27.
72. **Zhang J§** and Yin P. Advances in the experimental research of osteoarthritis. *International Journal of Geriatrics* 1989;10(1):26-29.
73. Wang Z, **Zhang J**, Lu S, Chen D, Ren S, Li J, Wang S, and Wei C. Preventive efficacy of deep well drinking water with adequate selenium concentrations on the incidence of Kashin-Beck disease. *Chinese Journal of Control of Endemic Diseases* 1989;4(5):278-279.
74. **Zhang J§**, Yin P, and Zhang S. Seasonal variation in 24-hour urinary excretion of glycosaminoglycan and hair selenium levels in children with early-stage Kashin-Beck disease. *Chinese Journal of Endemiology* 1988;7(4):211-214.

Manuscripts under review

75. Hoyt M†, Song Y, Gao S, O'Palka J, and **Zhang J§**. Prediagnostic Body Mass Index Trajectories in Relation to Pancreatic Cancer Risk in the PLCO Cancer Screening Trial *Obesity*

Abstracts

Refereed (n=37 since 1999) † *Student*

1. Fahrman J, Fan H, Yip-Schneider M, Wu H, Liu Z, Wan J, Liu S, Hanash S, Schmidt CM, and **Zhang J**. A plasma metabolomic signature improves prediction of malignant intraductal papillary mucinous neoplasm. Proceedings of the Annual meeting of the American Association for Cancer Research, abstract # 6025, 2022.
2. Hoyt M† and **Zhang J**. Association between healthy eating index score and risk of pancreatic cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. Proceedings of the Annual meeting of the American Association for Cancer Research, abstract # 2586, 2021.
3. Hoyt M† and **Zhang J**. Lifetime body mass index trajectory and pancreatic cancer risk in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. Proceedings of the Annual meeting of the American Association for Cancer Research, abstract # 2857, 2020.
4. **Zhang J**, Orang'o O, Titus M, Muthoka K, Kiptoo S, Groopman J, Tong Y, Ermel A, Loehrer P, Brown D. Association of detection of aflatoxin in plasma of Kenyan women with increased detection of oncogenic HPV. *Journal of Clinical Oncology*, Abstract # 530, 2019.
5. Hoyt M† and **Zhang J**. Association between calcium intake and pancreatic cancer risk in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial (PLCO). Proceedings of the Annual meeting of the American Association for Cancer Research, abstract # 638, 2019.

6. Fan H†, Marley A†, Hoyt M†, Nan H, Anderson K, and **Zhang J**. Associations between intake of calcium, magnesium, and phosphorus and risk of pancreatic cancer in a population-based case-control study in Minnesota. Proceedings of the Annual meeting of the American Association for Cancer Research, abstract # 5262, 2018.
7. Hoyt M†, Reger M†, and **Zhang J**. No association between vitamin K intake and prostate cancer risk in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial (PLCO). Proceedings of the Annual meeting of the American Association for Cancer Research, abstract # 5312, 2017.
8. Reger M†, Zollinger, T, Liu Z, Jones J, and **Zhang J**. Association between urinary phytoestrogens and C-reactive protein in the continuous National Health and Nutrition Examination Survey. Proceedings of the Annual meeting of the American Public Health Association, abstract #1884, 2015.
9. Mwangi W† and **Zhang J**. Components of metabolic syndrome and total cancer mortality. Proceedings of the Annual meeting of the American Association for Cancer Research, abstract #2138, 2014.
10. Lin J, **Zhang J**, Welker N, Zhao Z, Li Y, Bronner M. New microRNA markers improve clarification of indeterminate inflammatory bowel disease. Proceedings of 103rd US & Canadian Academy of Pathology (USCAP) annual meeting, 2014.
11. Mwangi W† and **Zhang J**. Dietary factors and risk of advanced prostate cancer. *Annals of Epidemiology* 2013; 23(9):584.
12. **Zhang J**, Tanaka H, Ito H, and Matsuo K. Fat intake interacts with cigarette smoking to alter lung cancer risk. Proceedings of the annual meeting of the American Association for Cancer Research, abstract #3630, page 890, 2013.
13. Wang L†, Zollinger T, and **Zhang J**. Association between helicobacter pylori infection and liver cancer mortality in 67 rural Chinese counties: An ecologic study. Proceedings of Ohio Public Health Combined Conference, Columbus, OH, 2012. Academic section outstanding oral presentation, the third place.
14. **Zhang J**, Tanaka H, Ito H, Boffetta P, and Matsuo K. Genetic variability in lipid metabolism and risk of lung cancer. Proceedings of the annual meeting of the American Association for Cancer Research, abstract #888, page 214, 2011.
15. **Zhang J**, Dhakal I. Nutrition transition and cancer mortality in East Asia. The 43rd Annual Meeting of the Society for Epidemiologic Research. The abstract was published in *American Journal of Epidemiology* 2010;171(Suppl):#268.
16. **Zhang J**, Zhang X, Dhakal I, Gross MD, Lang NP, Kadlubar FF, Anderson KE. Polymorphisms in antioxidant defense and DNA repair genes, dietary intake of antioxidants, and risk of pancreatic cancer. Proceedings of the annual meeting of the American Association for Cancer Research, abstract #1861, page 451, 2010.
17. **Zhang J**, Dhakal I, Greene G, Lang N, Kadlubar F. Sequence variants in inflammatory genes, plasma antioxidants, and prostate cancer risk. Proceedings of the eighth annual AACR international conference – Frontiers in Cancer Prevention Research, abstract in page 143, 2009.
18. **Zhang J**, Dhakal I, Greene G, Lang N, Kadlubar F. Polymorphisms in hOGG1 and XRCC1 and risk of prostate cancer: effects modified by plasma antioxidants. The 42nd Annual Meeting of the Society for Epidemiologic Research. The abstract was published in *American Journal of Epidemiology* 2009;169(Suppl):#192.
19. Greene P, Bursac Z, Kim K, Mehta P, Mays G, **Zhang J**, Henry-Tillman R. Informing policy initiatives to address disparities in colorectal cancer. Proceedings of the 30th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Montreal,

- Canada, 2009.
20. **Zhang J**, Dhakal I, Lang NP, Kadlubar FF, Gross MD, Anderson KE. Sequence variance in genes involved in oxidative stress and risk of pancreatic cancer: effects modified by alcohol intake. Proceedings of the annual meeting of the American Association for Cancer Research, abstract #2113, 2009.
 21. **Zhang J**, Dhakal I, Gross M, Lang N, Kadlubar F, Kadlubar S, and Anderson K. Genetic variability in energy metabolism and pancreatic cancer risk: A population-based case-control study in Minnesota. Proceedings of the seventh annual AACR international conference – Frontiers in Cancer Prevention Research, abstract in page 98, 2008.
 22. **Zhang J**, Dhakal I, Gross M, Lang N, Kadlubar F, Harnack L, Anderson K. Energy imbalance, fat, fiber, and pancreatic cancer: role of insulin resistance. Proceedings of the annual meeting of the American Association for Cancer Research, abstract #3087, 2008.
 23. **Zhang J**, Dhakal I, Stone A, Ning B, Greene GF, Lang NP, Kadlubar FF. hOGG1 Ser326Cys polymorphism and prostate cancer risk: An effect modified by antioxidants. Proceedings of the annual meeting of the American Association for Cancer Research, abstract #1733, 2007.
 24. **Zhang J**, Dhakal I, Stone A, Ratnasinghe L, Lang N, Kadlubar F. Plasma carotenoids and prostate cancer: a population-based case-control study in Arkansas. Proceedings of the fifth annual AACR international conference – Frontiers in Cancer Prevention Research, abstract in page 118, 2006.
 25. **Zhang J**, Dhakal I, Kesteloot H. Dietary patterns and pancreatic cancer incidence: role of diet-smoking interactions. Proceedings of the annual meeting of the American Association for Cancer Research, abstract #2014, 2006.
 26. **Zhang J**, Kesteloot H. Meat consumption and incidence of prostate, breast, colon, and rectal cancer: An ecologic assessment. Proceedings of the fourth annual AACR international conference – Frontiers in Cancer Prevention Research, abstract in page 87, 2005.
 27. **Zhang J**, Kesteloot H. Milk consumption and incidence rates of prostate, breast, and colorectal cancers: An ecologic study. Proceedings of the annual meeting of the American Association for Cancer Research, abstract in page 385, 2005.
 28. **Zhang J**, Zhao Z, Berkel HJ. Animal fat consumption and pancreatic cancer incidence: evidence of interaction with cigarette smoking. Proceedings of the AACR-Lustgarten Foundation conference, Pancreatic Cancer 2004: Advances and Challenges, abstract in page 105, 2004.
 29. **Zhang J**, Munger RG. Retinol intake and risk of osteoporotic hip fracture in the elderly Utah population. The 44th Annual meeting of the American College of Nutrition. The abstract was published in *Journal of American College of Nutrition* 2003;22(5):471.
 30. **Zhang J**, Temme EHM, Sasaki S, Kesteloot H. Fish consumption and lung cancer mortality: an ecological study. Proceedings of AICR/WCRF International Research Conference on Food, Nutrition, and Cancer, abstract in page 11, 2002.
 31. **Zhang J**, Munger RG, West NA, Cutler DR, Wengreen HJ, Corcoran CD. Antioxidant intake and the risk of osteoporotic hip fracture in Utah: an effect modified by smoking status. The 35th Annual Meeting of the Society for Epidemiologic Research. The abstract was published in *American Journal of Epidemiology* 2002;155 (Supl):#58.
 32. **Zhang J**, Munger RG, West NA, Cutler DR, Wengreen HJ, Sassano NE, Corcoran CD. Vitamin K intake and the risk of hip fracture: The Utah Study of Nutrition and Bone Health. The Annual Meeting of the Experimental Biology. The abstract was published in *FASEB*

Journal 2002;16:A376.

33. **Zhang J**, Munger R. Descriptive epidemiology of oral clefts and neural tube defects in China. Proceedings of International Collaborative Research on Craniofacial Anomalies, WHO Meeting on the Prevention of Craniofacial Anomalies, Park City, UT, 2001.
34. **Zhang J**, Temme EHM, Sasaki S, Kesteloot H. Under- and overreporting of energy intake using urinary cations as biomarkers: relation to body mass index. Proceedings of the 40th Annual Meeting of the American College of Nutrition, Washington, DC, 1999.
35. **Zhang J**, Temme EHM, Kesteloot H. Fish consumption may protect against lung cancer in countries with high levels of smoking or animal fat consumption. Proceedings of the XV International Scientific Meeting of the International Epidemiological Association, Volume II, page 299, 1999.
36. **Zhang J**, Sasaki S, Amano K, Kesteloot H. Fish consumption and mortality from all causes, ischemic heart disease, and stroke: an ecological study. Proceedings of the XV International Scientific Meeting of the International Epidemiological Association, Volume II, page 266, 1999.
37. **Zhang J**, Temme EHM, Kesteloot H. Sex ratio of total energy intake in adults: an analysis of dietary surveys. Proceedings of the XV International Scientific Meeting of the International Epidemiological Association, Volume II, page 289, 1999.