

CURRICULUM VITAE

NAME: L. Joseph Su, Ph.D., MPH

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UT Southwestern Medical Center
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OBJECTIVES:

Provide leadership to establish a pleasant yet highly productive collegiate environment for all faculty, fellows, and students to collaborate in achieving and sustaining the national and international leadership for evidence-based research and scholarship.

EDUCATION:**Undergraduate**

1983-1987 Chung-Yuan University, Chung-Li, Taiwan
B.S./Chemistry

1990-1993 University of Minnesota, St. Paul, MN
B.S., cum laude/Nutritional Sciences

Graduate

1993-1995 University of Minnesota, Minneapolis, MN
MPH/Public Health Nutrition
Thesis: Effect of Parental Mental Health Status on Adolescents' Dietary Behaviors

1995-1998 University of North Carolina, Chapel Hill, NC
Ph.D./Nutritional Epidemiology
Specialization: Biomarkers of Exposure in Cancer Epidemiology
Dissertation: Substances in Diet and Colon Cancer Prevention

ACADEMIC, PROFESSIONAL, AND RESEARCH APPOINTMENTS

2022 to present Co-director, Office of Education and Training
Harold C. Simmons Comprehensive Cancer Center
University of Southwestern Medical Center
Dallas, TX

Promote diversity in the cancer research workforce; direct educational and training curriculum for population-based cancer research; identify opportunities for students of all educational spectrum from kindergarten to graduate school and teachers at the grade schools to be exposed to cancer knowledge, training and research; and facilitate the training in grant writing for fellows and faculty.

2022 to present Professor and Inaugural Associate Dean for Academic Affairs
Peter O'Donnell School of Public Health
University of Southwestern Medical Center
Dallas, TX

Lead the curriculum development for MD/MPH, MPH, and Ph.D. programs and accreditation effort for the new O'Donnell School of Public Health; identify resources and faculty needs to support the educational mission; contribute to the strategic planning and operations; facilitate and mentor faculty for their advancements in teaching and research; direct analytical chemistry laboratory of heavy metals and nutrient biomarkers for population-based research; conduct molecular and behavioral research in cancers of prostate, colorectal, and breast; teach epidemiologic courses for the school of public health; mentor students and fellows to conduct research.

2022 to 2022 Arkansas Department of Health Scientist (Contract)
Arkansas Department of Health
Little Rock, AR

Providing consultation to Arkansas Department of Health for epidemiology and biostatistics expertise; assisting in conducting cancer cluster investigation; evaluating mortality from COVID among breast cancer survivors; mentoring CDC EIS Officer.

2019 to 2022 Founding Member, Center for Dietary Supplements Research
University of Arkansas for Medical Sciences
Little Rock, AR

Provide knowledge, expertise, and training in regulatory science, risk communication, analytical methods, and good laboratory practice (GLP) study design related to dietary and herbal supplements on health.

2019 to 2022 Associate Director, Population Sciences
Winthrop P. Rockefeller Cancer Institute
University of Arkansas for Medical Sciences
Little Rock, AR

Assist Cancer Institute Director to coordinate all population sciences and health disparity research at the Cancer Institute and lead the efforts for the application for National Cancer Institute designation status.

2015 to 2022 Professor, College of Public Health, Fay W. Boozman College of Public Health
Co-Director, Cancer Control and Population Sciences, Winthrop P. Rockefeller Cancer Institute
University of Arkansas for Medical Sciences
Little Rock, AR

Direct cancer control and population sciences program for the application of the NCI Comprehensive Cancer Center designation; facilitate and mentor population science faculty to apply for external funding for research; conduct molecular and behavioral research in cancers of prostate, lung, colorectal, cervix, and breast; teach epidemiologic courses for the school of public health; mentor students and fellows to conduct research; and direct metabolomics research laboratory for the state-of-art population-based research projects.

- 2014 to 2015 Chief, Epidemiology Evaluation and Research Branch
Food and Drug Administration, Center for Devices and Radiological
Health, Office of Surveillance and Biometrics, Division of Epidemiology,
Silver Spring, MD
- Oversee epidemiological design and evaluation for all pre-market, post-approval, and Section 522 cardiovascular, neurological, and in vitro diagnostic medical devices in the U.S.; supervise epidemiological reviewers to ensure the quality and safety of all devices reviewed and monitored; conduct critical literature reviews for device safety; represent agency to work with stakeholders to promote public health in medical devices; prepare executive summaries and presentations for national safety evaluation and device classification meetings and respond to inquiries from experts, public and stakeholders; collaborate with investigators at others to promote health research initiatives; conduct collaborative research with investigators at academia.
- 2015 Detail (one-day a week for 6 months)
Center for Medicare and Medicaid Services
- Work with staff at the Center for Medicare and Medicaid Services for hands-on experiences in handling medical claim database to be integrated into Medical Device Registry
- 2009 to 2014 Program Director
National Cancer Institute, Division of Cancer Control and Population
Sciences, Epidemiology and Genetic Research Program, Modifiable Risk
Factors Branch, Bethesda, MD
- Develop initiatives on the cutting edge of cancer, genetic, cancer registry, and epidemiology research; direct a diverse portfolio of cancer research grants, including nutritional epidemiology, epigenetics, health disparity, environmental toxicant exposure, metabolomics, and adductomics; direct transdisciplinary collaboration and cohort research; and conduct research on cancer epidemiologic studies; and served as Referral Fellow at the Center for Scientific Review and Liaison between Division and Review.
- 2008 to 2009 Joint Associate Professor
Department of Pathology, School of Medicine, Louisiana State University
Health Sciences Center, New Orleans, LA
- Direct Analytical Chemistry Laboratory on human nutritional biomarkers for carotenoids and tocopherols, biospecimen procurement, and nutritional biomarker measurements development.
- 2006 to 2009 Associate Professor (Tenure)
- 1999-2006 Assistant Professor
School of Public Health Epidemiology Program, Stanley S. Scott Cancer
Center, School of Graduate Studies, Louisiana State University Medical
Center, New Orleans, LA
- Direct epidemiological research on cancer of lung, stomach, prostate, ovary, and pancreas, as well as on dietary assessment through interview and biomarkers; initiating studies of dietary assessment for special population and early detection biomarker for breast and ovarian cancer; secondary data analysis and statistical modeling in health and nutrition using national survey data; statistical consultation and proposal development for faculty at Medical School; and design and direct study on factors associated with healthy aging.
- 2006 to 2009 Adjunct Associate Professor
School of Public Health, University of North Carolina at Chapel Hill,
Chapel Hill, NC
- Facilitate a dissertation research on nutrition and epidemiology research in cancer utilizing the NIH-AARP Diet and Health Study data.

- 2006 to 2009 Co-Director
Epidemiology Data Center
School of Public Health Epidemiology Program, Louisiana State
University Health Sciences Center, New Orleans, LA
Co-direct an epidemiology data center that processes scannable questionnaires and telephone surveys.
- 2006 to 2007 Adjunct Associate Professor
School of Journalism and Mass Communications, University of North
Carolina at Chapel Hill, Chapel Hill, NC
Facilitate a thesis research on medical journalism study to assess the impact of healthcare policy and plan on the underserved population in Louisiana.
- 2000 to 2009 Tumor Registry Special Study Coordinator
Louisiana State Central Tumor Registry
Develop policies and procedures for internal and external requests for special studies involved in State Tumor Registry information; in charge of special studies involved in rapid case ascertainment and data quality control on ascertained cancer cases; and conduct a study reviewing pathological assessment for prostate cancer comparing among pathologists in different settings.
- 1995-1999 Research Assistant
Department of Epidemiology, University of North Carolina, Chapel Hill,
NC
Conduct epidemiological research on cancer of colon and breast, cardiovascular diseases, biomarker of dietary intake using data from the NHEFS, the NHANES, and the EURAMIC studies.
- 1998 Statistical Analyst
School of Nursing, University of North Carolina, Chapel Hill, NC
Data management and data analyses for Managing Uncertainty in Cancers study on patients of breast and prostate cancers examining the effects of nursing intervention on improving the quality of life for cancer patients after surgery or treatment.
- 1997 Research Assistant
Department of Nutrition, University of North Carolina, Chapel Hill, NC
Data analyses for nutrition intervention study at Black churches on fiber supplementation and nutrition knowledge/attitude changes, and dietary intake biomarker measurements on African Americans.
- 1996 Teaching Assistant
Department of Nutrition, University of North Carolina, Chapel Hill, NC
Assist teaching for "Nutritional Biochemistry and Normal Cell Function".
- 1995 Data Analyst
Department of Nutrition, University of North Carolina, Chapel Hill, NC
Statistical analyses for the manuscript published at the Journal of Nutritional Biochemistry entitled "Bioavailability of choline and choline esters from milk in rat pups" (7:457-464, 1996).

- 1995 Research Assistant
 Division of Epidemiology, University of Minnesota, Minneapolis, MN
 Statistical modeling of nutrient data collection methodology based on data from Continuing Survey of Food Intakes by Individual from US Department of Agriculture and National Health and Nutrition Examination Surveys from National Center for Health Statistics, Center for Disease Control and Prevention.
- 1994-1995 Research Assistant
 Institute on Community Integration, University of Minnesota, Minneapolis, MN
 Responsible for management and analysis of the National Medical Expenditure Survey data from National Center for Health Statistics, Center for Disease Control and Prevention.
- 1993-1994 Research Assistant
 Nutrition Coordinating Center, University of Minnesota, Minneapolis, MN
 Responsible for updating a nutrient database, literature searches, data management/conversion and SAS programming.
- 1992-1993 Counselor
 Multicultural Student Center, University of Minnesota, St. Paul, MN
 Act as a student advocate for minority students reporting direct to the Dean of the College of Human Ecology; responsible for identifying common solutions in academics and career outlook to minority students; and plan multicultural events throughout the years for students and faculty at the College.

FEDERAL GOVERNMENT LEADERSHIP TRAINING

- 2013 Conflict Management
 2014 Customer Services
 2015 Managing Change
 2015 Managing Former Peers
 2015 Federal Government Supervisory Development: Fundamental

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- American Association for Cancer Research, Active Member
 Society for Epidemiological Research, Member
 American College of Epidemiology, Active Member
 American Public Health Association, Member
 American Society of Nutrition, Member
 International Society of Nutrigenetics and Nutrigenomes, Member

FUNDING HISTORY

- Title: Nutrient intakes of food insufficient and food sufficient adults in the southern region of the US and the impact of federal food assistance programs
 Funding Agency: USDA Southern Rural Development Center PI: Connell, C
 Role: **Co-investigator**
 Total Award Period: 8/1/1999-7/31/2000
 Budget: \$18,843 (Direct Only)

Title: The role of inflammation in cancer development - Project 3: Infection in Childhood
Funding Agency: Louisiana Board of Regents PI: Correa, P
Role: **Co-investigator**
Total Award Period: 7/1/2000 - 6/30/2005
Budget: \$2,720,000 (Direct Only)

Title: Genetic Studies in Acadian Population - Project 4: Pancreatic cancer in Acadians: Gene-environment interaction
Funding Agency: Louisiana Board of Regents PI: Fontham, ETH
Role: **Co-investigator**
Total Award Period: 7/1/2000 - 6/30/2005
Budget: \$4,150,000 (Direct Only)

Title: Dietary Survey Instrument Development for an Ethnic Minority US Population
Funding Agency: National Cancer Institute PI: Su, LJ
Role: **Principal Investigator**
Total Award Period: 8/1/2000 - 6/30/2003
Budget: \$141,373 (Direct+Indirect)

Title: Structural Analysis of the Relationship of Food Insufficiency to Disease Risk and Outcomes among Adults from NHANES III
Funding Agency: USDA-ERS PI : Connell, C
Role: **Co-investigator**
Total Award Period: 8/1/2001 - 6/30/2002
Budget: \$20,000 (Direct)

Title: Associations between Salad Consumption and Dressing Consumption in the US Population and Health Effects
Funding Agency: Association for Dressings and Sauces PI: Arab, L
Role: **Sub-contract Principal Investigator**
Total Award Period: 4/1/2001 – 6/30/2002
Budget: \$20,312 (Direct+Indirect)

Title: Multidisciplinary Study of Longevity and Healthy Aging in the Louisiana Population – Project 7: Epidemiological Sampling on Aging Population in Louisiana Using Medicare Enrollment File
Funding Agency: Louisiana Board of Regents PI: Jazwinski, SM
Role: **Project Principal Investigator**
Total Award Period: 1/1/2002-12/31/2006
Budget: \$313,529 (Direct+Indirect)

Title: Descriptive Epidemiology of Pancreatic Cancer
Funding Agency: North American Association of Central Cancer Registries PI: Wu, X-C
Role: **Co-investigator**
Total Award Period: 9/1/2003-7/31/2004
Budget: \$10,000 (Direct Only)

Title: Racial Differences in Prostate Cancer: Influence of Health Care Interaction and Host and Tumor Biology
Funding Agency: Department of Defense PI: Mohler, JL
Role: **Core Co-principal Investigator and Project Principal Investigator**

Total Award Period: 9/1/2003-8/31/2009
Budget: \$1,615,092 (Direct+Indirect)

Title: Multilevel Exploration of Obesity Risk of Cancer Prevention
Funding Agency: National Cancer Institute/NIH PI: Scribner, RA
Role: **Co-investigator**
Total Award Period: 10/1/2003-9/30/2005
Budget: \$142,000 (Direct+Indirect)

Title: College alcohol environmental and college drinking
Funding Agency: National Institute on Alcoholism and Abuse/NIH PI: Scribner, RA
Role: **Co-investigator**
Total Award Period: 12/1/2003-11/30/2006
Budget: \$426,000 (Direct+Indirect)

Title: Determinants of Human Longevity and Healthy Aging: Sampling and Data Management Core
Funding Agency: National Institute on Aging/NIH PI: Jazwinski, SM
Role: **Core Principal Investigator**
Total Award Period: 6/1/2004-5/31/2009
Budget: \$1,051,949 (Direct+Indirect)

Title: Surveillance, Epidemiology, and End Results (SEER) Program
Funding Agency: National Cancer Institute/NIH PI: Chen, VW
Role: **Co-investigator**
Total Award Period: 8/1/2005-7/31/2010
Budget: \$11,932,386 (Direct+Indirect)

Title: Racial Differences in Lifestyle Modification among Prostate Cancer Patients
Funding Agency: Louisiana Cancer Research Consortium PI: Su, LJ
Role: **Principal Investigator**
Total Award Period: 2/1/2006-1/31/2008
Budget: \$100,000 (Direct Only)

Title: Accuracy of Biopsy-Derived Prostate Cancer Gleason Scores
Funding Agency: National Cancer Institute PI: Su, LJ
Role: **Principal Investigator**
Total Award Period: 9/29/2006 - 9/30/2007
Budget: \$71,000 (Direct+Indirect)

Title: Biomarkers of Heavy Metal Exposure Related to Pancreatic Cancer Genetic Mutations
Funding Agency: National Cancer Institute PI: Soliman, A
Role: **Subcontract Principal Investigator**
Total Award Period: 9/1/2006-8/31/2008
Budget: \$159,774 (Direct+Indirect)

Title: The Physical and Social Neighborhood Environments and Adolescent Health Behavior
Funding Agency: Center for Disease Control and Prevention PI: Theall, K
Role: **Co-Mentor**
Total Award Period: 8/31/2007-8/30/2010
Budget: \$391,015 (Direct+Indirect)

Title: Pilot Study to test Methods for the Diet and Nutrition Feasibility Study of Early Life Determinants of Adult Cancers in a Chinese Cohort of Adolescents and Their Mothers

Funding Agency: National Cancer Institute (Internal Funding) PI: Su, LJ

Role: **Principal Investigator**

Total Award Period: 10/1/2011 - 9/30/2012

Budget: \$225,000 (Direct Only)

Title: Pilot chemoprevention trial of sulforaphane on melanoma

Funding Agency: UAMS Rockefeller Cancer Institute Pilot Fund PI: Su LJ

Role: **Principal Investigator**

Total Award Period: 9/1/2016 - 8/31/2017

Budget: \$15,000 (Direct Only)

Title: The Wellness Lane: Formative work to develop an obesity intervention for school bus drivers

Funding Agency: UAMS Rockefeller Cancer Institute Pilot Fund PI: Yeary, K

Role: **Co-investigator**

Total Award Period: 9/1/2016 - 8/31/2017

Budget: \$10,000 (Direct Only)

Title: Understanding the etiologic factors between cadmium exposure and mammographic density in an underserved population in Arkansas

Funding Agency: Arkansas Breast Cancer Research Program PI: Su, LJ

Role: **Principal Investigator**

Total Award Period: 9/1/2016 - 8/31/2019

Budget: \$250,000 (Direct Only)

Title: Tobacco product use and health indicators among long-haul truck drivers

Funding Agency: UAMS Center for Tobacco Research Pilot Research Program PI: Su, LJ

Role: **Principal Investigator**

Total Award Period: 7/1/2017 - 6/30/2020

Budget: \$10,000 (Direct Only)

Title: THRIVE (Together On The Highway To Rejoice In Health As Victors Enfolded In Strength): Adaptation of two evidence-based programs to develop weight loss and quality of life interventions for breast cancer survivors

Funding Agency: UAMS Cancer Institute Cancer Prevention and Population Sciences Pilot Award PI: Yeary, K

Role: **Co-Investigator**

Total Award Period: 7/1/2017 - 6/30/2019

Budget: \$10,000 (Direct Only)

Title: Metabolomic Profiling from the Arkansas Cardiovascular Health Examination Survey

Funding Agency: UAMS COPH Center for the Study of Tobacco PI: Hsu, P-C

Role: **Co-Investigator**

Total Award Period: 7/1/2017 – 6/30/2018

Budget: \$10,000 (Direct Only)

Title: Examination of Quality of Life, Health Behaviors, and Biometrics of Thyroid Cancer Survivors

Funding Agency: UAMS Cancer Institute Pilot Award PI: Su, LJ
Role: **Principal Investigator**
Total Award Period: 7/1/2017 - 6/30/2019
Budget: \$50,000 (Direct Only)

Title: THRIVE: Together On The Highway To Rejoice In Health As Victors Enfolded In Strength
Funding Agency: Arkansas Breast Cancer Research Program PI: Yeary, K
Role: **Co-Investigator**
Total Award Period: 9/1/2017 – 8/31/2019
Budget: \$250,000 (Direct Only)

Title: Arkansas Center for Health Disparities (ARCHD): An NIMHD COR. Project 1: Reducing Tobacco Smoke Exposures among Low Income Children and Women Caregivers in the Arkansas Delta Region
Funding Agency: National Institute on Minority Health and Health Disparities
Role: **Co-investigator** PI: Raczynski, J/Fagan, P
Total Award Period: 9/23/2017 – 4/30/2022
Budget: \$8,687,313 (Direct+Indirect)

Title: Arkansas Center for Health Disparities (ARCHD): An NIMHD COR. Pilot Study: Cytogenetic and epigenetic alterations as a result of exposure to ionizing radiation in Northwest Arkansas Marshallese
Funding Agency: National Institute on Minority Health and Health Disparities
Role: **Mentor and Co-investigator** PI: Raczynski, J/Koturbash, I
Total Award Period: 9/15/2018 – 8/31/2019
Budget: \$50,000 (Direct)

Title: Arkansas Center for Health Disparities (ARCHD): An NIMHD COR. Pilot Study: Understanding the factors influencing exposures from tobacco usage among young adults in the minority communities
Funding Agency: National Institute on Minority Health and Health Disparities
Role: **Mentor** PI: Raczynski, J/Hsu, PC
Total Award Period: 9/15/2018 – 8/31/2019
Budget: \$50,000 (Direct)

Title: Genetic variability in DHFR and folic acid supplementation as novel risk factors for aggressive prostate cancer (R15CA231510-01)
Funding Agency: National Cancer Institute
Role: **Principal Investigator** PI: Su, LJ
Total Award Period: 9/6/2018 – 5/31/2022
Budget: \$489,650 (Direct+Indirect)

Title: Online survey on knowledge and attitude toward HPV vaccination among young adults in Arkansas Delta through social media promotion
Funding Agency: UAMS Cancer Institute Cancer Prevention and Population Sciences Pilot Award PI: Su, LJ
Role: **Principal Investigator**
Total Award Period: 9/1/2018 - 2/29/2020
Budget: \$10,000 (Direct Only)

Title: Association between DNA Methyltransferase Gene Polymorphism and Breast Cancer

Funding Agency: Arkansas Breast Cancer Research Program
Role: **Co-investigator** PI: Chiang, TC
Total Award Period: 2/1/2019 - 8/31/2021
Budget: \$75,000 (Direct Only)

Title: Examining an association of urinary arsenic with obesity and metabolic syndrome in an at-risk population
Funding Agency: UAMS Development Enhancement Awards for Proposals (DEAP)
Role: **Principal Investigator** PI: Su, LJ
Total Award Period: 4/1/2019 - 3/31/2020
Budget: \$25,000 (Direct Only)

Title: Shared Care of Breast Cancer Survivors - A Telemedicine in Rural Population Feasibility Study
Funding Agency: Arkansas Breast Cancer Research Program
Role: **Principal Investigator** PI: Su, LJ
Total Award Period: 9/1/2019 - 8/31/2020
Budget: \$75,000 (Direct Only)

Title: Evaluating Impact of Diet and Fresh Food Access on Aggressive Prostate Cancer using Multi-Level Modeling (Administrative Supplement)
Funding Agency: National Cancer Institute
Role: **Principal Investigator** PI: Su, LJ
Total Award Period: 9/1/2019 - 8/31/2020
Budget: \$74,996 (Direct+Indirect)

Title: An exploration of the mental health needs of young women with breast cancer and implications for developing patient educational materials
Funding Agency: UAMS Translational Research Institute (KL2)
Role: **Co-mentor** PI: Parker, P
Total Award Period: 8/1/2019 - 7/31/2022
Budget: \$50,000 (Annual Direct)

Title: Arkansas Center for Health Disparities (ARCHD): An NIMHD COR. Pilot Study: Association of Diet and Lipid Metabolism among High Colorectal Cancer Risk Underserved African Americans
Funding Agency: National Institute on Minority Health and Health Disparities
Role: **Mentor** PI: Raczynski, J/Matich, E
Total Award Period: 5/1/2020 - 4/30/2021
Budget: \$50,000 (Direct)

Title: Expanding Translational Research in Arkansas. Supplement: Disparities and barriers in endocrine therapy (ET) use in Arkansas women with Stage 1-3 ER+ breast cancer and providers' perspectives on prescribing ET and management
Funding Agency: National Center for Advancing Translational Sciences
Role: **Mentor** PI: James, L/Li, C
Total Award Period: 7/1/2020 - 6/30/2021
Budget: \$156,864 (Direct+Indirect)

Title: Center for Studies of Host Response to Cancer Therapy. Project 2: Metabolic phenotypes of doxorubicin-induced cardiotoxicity in breast cancer (2P20GM109005-06)

Funding Agency: National Institute on General Medical Sciences

Role: **Mentor**

PI: Boerma, M/Hsu, PC

Total Award Period: 8/17/2020 - 5/31/2025

Budget: \$11,400,000 (Direct+Indirect)

Title: Metabolomics of Menthol Cigarette Smoking and Risk for Aggressive Prostate Cancer Among African American Men (PC200101)

Funding Agency: CDMRP/Department of Defense Prostate Cancer Research Program

Role: **Co-investigator/Mentor**

PI: Hsu, PC

Total Award Period: 1/1/2021 - 12/31/2023

Budget: \$910,351 (Direct+Indirect)

Title: Surveillance, Epidemiology and End Results – Arkansas Central Cancer Registry

Funding Agency: National Cancer Institute

Role: **Multiple Principal Investigator***

PI: Su/Holt/ Balamurugan

Total Award Period: 8/1/2021 - 12/31/2028

Budget: \$1,000 (Annual Direct)

* The PI'ship has been relinquished because the project is specific to the Arkansas Central Cancer Registry

Title: Building research capacity for cancer disparities research with community-clinic partnerships in rural African American impoverished counties (3P30CA016056-44S2)

Funding Agency: National Cancer Institute

Role: **Co-investigator**

PI: Johnson, C/Yearly, K

Total Award Period: 9/1/2021-4/3/2022.

Budget: \$200,000 (Direct)

Title: Diet Quality and Epigenetic Modifications in Breast Cancer Development

Funding Agency: Arkansas Breast Cancer Research Program

Role: **Mentor**

PI: Park, YM

Total Award Period: 9/1/2021-8/31/2022.

Budget: \$50,000 (Direct only)

Title: Discovery of novel epigenetic biomarkers associated with exposure and adverse health outcomes in veterans exposed to airborne hazards from open burn pits

Funding Agency: CDMRP/DOD Gulf War Illness Research Program

Role: **Co-Investigator**

PI: Ho, SM

Total Award Period: 5/1/2022-4/30/2026.

Budget: \$2,020,950 (Direct + Indirect)

Title: Modulation Effect of Folate on the Association Between Inorganic Arsenic and Aggressive Prostate Cancer

Funding Agency: CDMRP/Department of Defense Prostate Cancer Research Program

Role: **Principal Investigator**

PI: Su, LJ

Total Award Period: 4/1/2023 - 3/31/2026

Budget: \$1,376,914 (Direct + Indirect)

Title: Regulation and Function of Viral and Endogenous Circular RNAs in Cancer

Funding Agency: NIH/NCI

Role: **Co-investigator**

PI: Wang, RC

Total Award Period: 7/1/2023 - 6/30/2028

Budget: \$2,423,888 + \$1,551,289.00 (Direct + Indirect)

Title: Interplays among chronic inflammation, premature DNA methylation, and tumor fibrosis on early-onset colorectal cancer among racial and ethnic minorities

Funding Agency: UTSW Harold Simmons Comprehensive Cancer Center

Role: **Principal Investigator** PI: Su, LJ

Total Award Period: 9/1/2023 - 8/31/2024

Budget: \$16,622 (Direct only)

NOT FUNDED

Title: Asian Health Study – Texas Field Center

Funding Agency: NIH/NHLBI

Role: **Co-investigator** PI: de Lemos/Rohatgi/Wang

Status: To be funded (Impact Score 38)

Title: AR Youth Research and Education to Address Cancer Health Disparity (AR You READi)

Funding Agency: National Cancer Institute

Role: **Multiple Principal Investigator*** PI: Thomas B/Su, LJ

Status: Not funded (Impact Score 31)

* The PI'ship has been relinquished because the project was specific to the University of Arkansas for Medical Sciences

AWARD PENDING

Title: Precision Environmental Health to Tackle High Early-Onset Breast

Funding Agency: National Cancer Institute

Role: **Multiple Principal Investigator*** PI: Hsu/Koss/Su

Proposed Award Period: 4/1/2024-3/31/2029

Status: Under IRG Review

EDITORIAL POSTS AND ACTIVITIES

Associate Editor

Frontiers in Nutrigenomics (Since inception, Impact Factor: 3.789)

Journal of Dietary Supplements (2019-2020)

Cancers (Impact Factor: 6.639) Special Issue: Modifiable risk factors for cancer prevention

Editorial Board Member

Journal of the Academy of Nutrition and Dietetics (2014-2017 Impact Factor: 4.141)

Epidemiology International Journal (2017-2018)

Translational Cancer Research (2019-2021 Impact Factor: 1.757)

Ad-Hoc Reviewer

Cancer Epidemiology, Biomarkers and Prevention

Urology

Cancer Research

International Journal of Epidemiology

Journal of the National Cancer Institute

American Journal of Preventive Medicine

Journal of American Dietetic Association

Environmental Health Perspectives

Nutrition and Cancer

International Journal of Medical Sciences

Nutrients
 British Journal of Nutrition
 International Journal of Environmental and Public Health
 Advances in Nutrition
 Cancer Medicine

ACADEMIC SERVICES

Scientific Review

2006 NIH Center for Scientific Review – Epidemiology of Cancer Study Section
 2008 NIH Center for Scientific Review – National Cancer Institute Special Emphasis Panel
 2012-13, 2017 Department of Defense Prostate Cancer Research Award
 2015 Department of Defense Clinical Trial Award Study Section
 2016 Department of Defense Breast Cancer Research Award
 2016-2019 NIH Center for Scientific Review - Cancer, Heart, and Sleep Epidemiology Study Sections
 2016 USDA John Milner Fellowship
 2018 Association of Schools and Programs of Public Health (ASPPH), de Beaumont Foundation, CDC, and NHTSA joint fellowship program
 2018 NCI Board of Scientific Counsel site visiting team ad hoc member
 2019 NIMHD U54 Pilot Award
 2021 NIH Center for Scientific Review – Conflict Special Emphasis Panel
 2021 NIH Center for Scientific Review – NIMHD K-Awads Panel
 2021 NIH Center for Scientific Review – Genetics of Health and Disease Study Section
 2022 NCI Board of Scientific Counsel site visiting team ad hoc member
 2023 NIH Center for Scientific Review – Special Emphasis Panel for RFA-MD-22-008 Misinformation and Disinformation as a Public Threat
 2023 NIH Center for Scientific Review – Building Collaborative Partnerships (P20) and Advancing Cancer Health Equity (U54)

Workshops

2011 3rd World Congress in Biomarker, Prostate Cancer Biomarkers Chair and Speaker
 2012 American Association for Cancer Research, Grant Writing Workshop Round Table Mentor
 2012 American College of Epidemiology, Grant Writing Workshop Panel Speaker
 2012 American College of Epidemiology, Mentoring Workshop Panelist
 2012 Think Tank on the Use of Metabolomics in Population-based Research Organizing Committee Co-chair and speaker
 2012 Trends in 21st Century Epidemiology: From Scientific Discoveries to Population Health Impact Workshop, planning committee member
 2014 Use of Metabolomics in Population-based Studies, Major Symposium at EB 2014. Chair and Speaker
 2014 NCI Inflammation and Cancer Workshop. Organizing committee.
 2014 International Conference on Frontiers of Chronic Disease Research and Prevention. Invited Speaker.

2017 NCI/UAMS Rural Cancer Grant Writing Workshop. Organizing Committee Chair and Speaker.

National Cancer Institute Technical Project Review

2010 Division of Cancer Control and Population Sciences Project Technical Review member

2012-13 PLCO Biorepository Review panel member

2012 Division of Cancer Control and Population Sciences Cancer Epidemiology Consortium Data Harmonization Contract Review member

Research Consortium

2006 – 2019 International Pancreatic Cancer Research Consortium (PAC4)

National Organization Service:

2005 – 2009 American Public Health Association Council on Aging Member (LSUHSC School of Public Health Representative)

Louisiana State University Health Sciences Center Institutional Service:

Health Sciences Center

2008 – 2009 Committee on Scientific Misconduct

Departmental Committees

2001 – 2003 MPH Graduate Student Admission Committee

2001 – 2003 Council on Education for Public Health Accreditation Self-study Committee

2001 – 2003 MPH Planning and Evaluation Committee

2004 – 2009 Epidemiology Program Curriculum Coordinator

2004 – 2009 Epidemiology Program Admission Committee

2005 – 2009 Epidemiology Program Student Mentoring and Advising Director

2006 – 2009 Epidemiology Program Epidemiology/Biostatistics Curriculum Taskforce

2006 – 2009 Epidemiology Program Doctoral Program Planning Taskforce

School of Graduate Studies

2001 Graduate School Research Day Judge

2002 Graduate School Research Day Judge

School of Public Health

2004 Education Committee member

2004 – 2008 Grievance Committee (Chair through 2006)

2004 – 2009 Curriculum Committee member

2008 – 2009 Appointment, Promotion, and Tenure Committee member

School of Medicine

2005 – 2006 Louisiana Cancer Research Consortium Biospecimen Utilization Committee

University of Arkansas for Medical Sciences Institutional Service:

Department of Epidemiology

2018-present MPH Admission Committee

2020-present PhD Committee

2020-present Faculty Search Committee

2021-present MPH/PhD Curriculum Committee

College of Public Health

2017 School Research Day Judge

2017-present Tenure and Promotion Committee member

UAMS

2018-2019 Winthrop P Rockefeller Cancer Institute Director Search Committee

2018-present UAMS Data Safety Monitoring Committee

2018-present Culinary Medicine Program Development – IPE Subcommittee

2018-present UAMS Biorepository Review Committee

2019-present UAMS Cancer Institute Executive Oversight Committee

2019-present UAMS Center for Dietary Supplements Research member

2019-present Winthrop P Rockefeller Cancer Institute Faculty Search Committee

PUBLICATIONS (Citations – 4,487; h-index – 35; i10-index – 75)

Books

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98. Kayishunge D, Ly S, **Su, LJ**, Wong HK. Epidemiologic Trends of Cutaneous T-Cell Lymphoma in Arkansas Reveals Demographic Disparities. *Cancers*. 2022; 14, 4329. <https://doi.org/10.3390/cancers14174329> [PMID: 36077864]

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100. Lin HY, Steck SE, Sarkar I, Fontham ETH, Diekman A, Rogers LJ, Ratliff CT, Bensen JT, Mohler JL, **Su LJ**. Interactions of SNPs in Folate Metabolism Related Genes on Prostate Cancer Aggressiveness in European Americans and African Americans. *Cancers (Basel)*. 2023; 15(6): 1699. [PMID: 36980585]
101. Lin HY, Fu Q, Tseng TS, Zhu X, Reiss K, **Su J**, Hagensee ME. Impact of Dietary Quality on Genital Oncogenic HPV Infection in Women. *Journal of Infectious Diseases*, May 9, 2023. In press.
102. Hsu PC, Daughters S, Bauer MA, **Su J**, Addicott MA. Association of DNA methylation signatures with cognitive performance among smokers and ex-smokers. *Tobacco Induced Diseases*. 21:106. doi: 10.18332/tid/168568, 2023.
103. **Su LJ**, Chiang TC. Heavy Metals in Rice: Do the Benefits of Brown Rice Outweigh the Risks? *Frontiers in Nutrition*. 10:1209574. doi: 10.3389/fnut.2023.1209574, 2023.
104. Msibi S, **Su LJ**, Chen CY, Chang CP, Chen CJ, Wu KY, Chiang SY. Impacts of Agricultural Pesticide Contamination: An Integrated Risk Assessment in Rural Communities of Eswatini. *Toxics*. Accepted for publication September 6, 2023.
105. Joshi A, Su LJ, Orloff MS. Tuberculosis and Risk of Emphysema among U.S. Adults in the NHANES I Epidemiologic Follow-Up Study Cohort, 1971 – 1992. *Preprint*. Accepted for publication, September 13, 2023.
106. Ellis ET, Bauer MA, Beck JT, Bradford DS, Thompson J, Holt A, Kulik MC, Stahr SD, Hsu PC, **Su LJ**. Increased Utilization of Low-Dose Computed Tomography for Lung Cancer Screening at an Arkansas Community Oncology Clinic. *Journal of the American College of Radiology*. Accepted for publication September 21, 2023.
107. O'Connor S, **Su LJ**. Postpartum Depressive Symptoms: An Analysis of Social Determinants Using the Pregnancy Risk Assessment Monitoring System. *Women's Health Reports*. Accepted for publication. October 19, 2023.
108. **Su LJ**, Ramirez Aguilar D, Fontham ETH, Benson JT, Mohler JL, Steck SE. Association between dietary folate and prostate cancer aggressiveness among African Americans and European Americans. Submitted to *Nutrients*.

Non-refereed

1. Connell CL, Yadrick K, Hinton A, **Su LJ**. "Food insufficiency and the use of food assistance programs in the south". *Southern Rural Development Center*. July 2001.
2. O'Connor SN, **Su LJ**. Thyroid Cancer in Arkansas: Facts & Figures. *Journal of Arkansas Medical Society*. 118(8):136-139, 2019.

Abstracts:

1. **Su LJ**, and Su SS. "Eating Patterns of Adolescents with Substance-abusing and Depressed Parents". The 122nd American Public Health Association Meeting. Washington, DC. October, 1994.
3. Gallaher D, Kim S, Saari Csallany A, **Su L**, and Petz M. "Antioxidants (Vitamin E and Probuco) Reduce the Oxidative Stress and Renal Enlargement of Diabetes". Society of Experimental Biology Conference. Atlanta, GA. April, 1995.
4. Westrich B, McGovern P, **Su LJ**, and Eldridge AL. "Proposed Methods for Limiting the Significance of Food Composition Errors". The Second Food Data Base Conference. Helsinki, Finland. August, 1995.

5. **Su LJ**, McGovern P, and Westrich B. "Comparison of Dietary Assessment Methods for Adolescence". The 123rd American Public Health Association Meeting. San Diego, CA. November, 1995.
6. Kohlmeier L, and **Su LJ**. "Cruciferous Vegetable Consumption and Colorectal Cancer Risk: Meta-analysis of the Epidemiological Evidence". *FASEB J*, 11:A369, 1997.
7. Kohlmeier L, and **Su LJ**. "Alcohol consumption and increased risk of colon cancer: Evidence from NHANES I Epidemiologic Follow-up Study". Experimental Biology Conference 1998. San Francisco, CA. April, 1998.
8. **Su LJ** and Chiang TC. "Increased serum cotinine level in children from families with smokers". American Public Health Association Meeting 1998.
9. **Su LJ** and Kohlmeier L. "Nutritional Status of Folate and Colon Cancer Prevention". American Association for Cancer Research Meeting 1999.
10. Yen C-L E and **Su LJ**. "Tea consumption is inversely associated with iron status in serum". Society of Epidemiologic Research Meeting 1999.
11. **Su LJ** and Arab L. "Tea Consumption and The Reduced Risk of Colon Cancer – Results from A National Prospective Cohort Study". American Association for Cancer Research Conference 2000.
12. **Su LJ**, Fontham E, Ruiz B, Schmidt S, Bravo LE, and Correa P. "Association of Dietary Antioxidants on the severity of gastritis in a high risk population". *Annals of Epidemiology* 10(7):468, 2000.
13. Connell CL, Yadrick MK, Hinton A, **Su LJ**. "Nutrient intake of food insufficient adults who use food assistance programs in the southern region of the United States." American Dietetic Association Conference 2001.
14. Connell CL, Yadrick K, Johnson JT, **Su LJ**. Structural analysis of the relationship between food insufficiency, cardiovascular disease risk and outcomes among adults from the southern region of NHANES III. ERS 2001 Small Grants Conference, Washington, D.C., 2001.
15. Chuang CZ, Boyles A, LeGardeur B, **Su LJ**, Afredo-Lopez A. "Total Homocysteine Levels After Riboflavin or Folic Acid Supplementation in Healthy". Experimental Biology Conference 2002.
16. **Su LJ**, Nguyen SV, Nguyen LT, Hinh P, Lin H-Y, Scribner R. "Level of Acculturation and the Use of Alcoholic Beverage and Tobacco Products in Vietnamese American Population". *American Journal of Epidemiology*. 155(11): S76, 2002.
17. **Su LJ**, Nguyen SV, Nguyen LT, Hinh P, Lin H-Y, Legardeur B, Scribner R. "Level of Acculturation and Lifestyle Changes in a Vietnamese American Population". American Public Health Association Conference, 2002.
18. Rao PN, Dyess DL, **Su LJ**, Raj M, Trock B. "Serum and nipple aspirate fluid levels of riboflavin carrier protein in breast cancer". *Proceedings of the American Association for Cancer Research Meeting*. 44: A5894, 2003.
19. Chiu Y-W, Lin H-Y, **Su LJ**. Alternative Subject Recruitment Sampling Frame Comparison for Epidemiologic Study. *American Journal of Epidemiology*. 157(11): S212, 2003.
20. Bemiss C, Boyle M, Cvitanovic L, Schwarzenberger P, **Su LJ**, Frey D. "Vaccine Applications of Dendritic Cells Electrically Fused with GI Carcinoma Cells." Society of Surgical Oncology, 2003.
21. Lin H-Y, Nguyen SV, **Su LJ**. "Access to Preventive Cancer Screenings among Vietnamese American Women". American Public Health Association Conference, 2004.
22. Chiu Y-W, Lin H-Y, **Su LJ**. "Comparison of characteristics in study participants and non-participants in Louisiana Healthy Aging Study. American College of Epidemiology Conference 2005.
23. **Su LJ**; Lin H-Y; Cheng C. "Correlations between Obesity and Cancer Using State Summary Data" American Public Health Association Conference 2005.

24. **Su LJ**, Rood J, Luckett B, Fontham ETH. "Urinary cadmium level and pancreatic cancer" American Association for Cancer Research Meeting 2006.
25. Lefante CM, **Su LJ**, Ravussin E, Jazwinski SM. "Factors associated with undiagnosed diabetes in individuals with a family history". American Public Health Association Meeting 2007.
26. **Su LJ**, Rood J, Luckett B, Backes W, Fontham ETH. GSTM1 gene polymorphism, urinary cadmium and pancreatic cancer risk. American Association for Cancer Research Meeting, April, 2008.
27. Zhang ZZ, **Su LJ**, Cherry KZ, Champagne CM, Lefante C. Dietary Quality and Cognitive Functioning: Results from the Louisiana Healthy Aging Study. International Academy on Nutrition and Aging Meeting. August 2008.
28. Zhang ZZ, **LJ Su**, Luckett BG, Fontham ETH. Dietary fat intake and lung cancer: results from the Lower Mississippi River Interagency Cancer Study. Experimental Biology Meeting. April 2009.
29. Zhang ZZ, **LJ Su**, K E Cherry, C M Champagne, C Lefante, E Ravussin, S M Jazwinski. Cholesterol Intake and Depression in Elderly People: Results from the Louisiana Healthy Aging Study. Society for Epidemiologic Research Meeting, June 2009.
30. **Su LJ**, Zabaleta J, Chiang T-C. Associations between prostate cancer aggressiveness and DNA methylation status. AACR Cancer Epigenetics Meeting. February 2010.
31. **Su LJ**, Arab L, Steck S, Schroeder J, Simonsen N, Bensen J, Fontham ETH, Mohler J. Obesity and Prostate Cancer Aggressiveness among African and Caucasian Americans. Experimental Biology Meeting. April 2010.
32. Tabung F, Steck SE, **Su LJ**, Arab L, Fontham ETH, Bensen JT, Hebert JR, Zhang H, Mohler JL. Whole grain and dietary fiber intake and prostate cancer aggressiveness by race. Experimental Biology Meeting. April 2010.
33. Huang W-Y, **Su LJ**, Hayes RB, Moore LE, Katki HA, Berndt SI, Weissfeld JL, Yegnasubramanian S, Purdue MP. Prospective study of genomic hypomethylation of leukocyte DNA and colorectal cancer risk. American Association for Cancer Research Conference. 2011.
34. **Su LJ**, Jovanny Zabaleta J, Chiang TC. Plasma Carotenoids and DNA methylation status modulate prostate cancer aggressive. American Association for Cancer Research Conference. 2011.
35. Steck SE, **Su LJ**, Arab L, Fontham ETH, Ayers A, Bensen JT, Hebert JR, Zhang H, Mohler JL. Intake of dairy and calcium, NSAIDs and prostate cancer aggressiveness. Experimental Biology 2011.
36. Steck SE, **Su LJ**, Arab L, Fontham ETH, Bensen JT, Blackard B, Mohler JL. Physical activity and prostate cancer aggressiveness by race. American Society of Preventive oncology 2011.
37. Sun L, Altekruze S, **Su LJ**, Li J, Chen M, D'Amico A. Overview of small cell prostate cancer in United State: Its incidence, clinicopathological characteristics and survival. NAACCR meeting 2012.
38. McGuinn LA, Ghazarian AA, **Su LJ**, Ellison GL. Urinary Bisphenol A and Age at Menarche among Adolescent Girls: Evidence from NHANES 2003-2010. ISEE Meeting 2012.
39. **Su LJ**, Berndt SI, Moore LE, Katki HA, Yegnasubramanian S, Purdue MP, Huang W. Body Mass Index and global methylation in leukocyte DNA in a prospective cohort. ISNN Meeting 2012.
40. Huang W, **Su LJ**, Lee E. Moore LE, Katki HA, Berndt SI, Yegnasubramanian S, Purdue MP. Prospective study of LINE-1 hypomethylation in peripheral leukocyte DNA and colorectal cancer risk. AACR Molecular Epidemiology meeting. 2012.

41. George RR, Steck SE, **Su LJ**, Mohler JL, Fontham ETH, Bensen JT, Hebert JR, Zhang H, Arab L. Flavonoid intake and prostate cancer aggressiveness among African Americans and European Americans in PCaP. AACR Frontiers in Cancer Prevention meeting 2012.
42. Vance TM, Wang Y, **Su LJ**, Fontham ETH, Bensen JT, Mohler JL, Chen MH, Chun OK. Dietary total antioxidant capacity and prostate cancer tumor stage among African and Caucasian Americans in a population-based study. EB 2013.
43. Vance TM, Wang Y, **Su LJ**, Fontham ETH, Bensen JT, Mohler JL, Chen MH, Chun OK. Association of food intake with prostate cancer aggressiveness of African and Caucasian Americans in a population-based study. EB 2013.
44. Vance TM, Wang Y, **Su LJ**, Fontham ETH, Bensen JT, Mohler JL, Chen MH, Chun OK. Sociodemographic, clinical, and lifestyle factors associated with prostate cancer aggressiveness in a population-based study. EB 2013.
45. Wang Y, Vance TM, **Su LJ**, Fontham ETH, Bensen JT, Mohler JL, Chen MH, Chun OK. Proanthocyanidin intake is inversely associated with advanced prostate tumor stages in newly diagnosed prostate cancer patients. EB 2013.
46. Steck SE, Woloszynska-Read A, Arab L, McMahon D, Bensen JT, Adams J, Fontham ETH, Mohler JL, Su LJ, Zhang H, Trump D, Johnson C. Ratio of plasma 25(OH)D to 1,25(OH)2D is associated with aggressive prostate cancer in North Carolina-Louisiana Prostate Cancer Project (PCaP). AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. 2013.
47. Antwi S, Steck SE, **Su LJ**, Blackard B, Adams SA, Hebert JR, Fontham ETH, Bensen JT, Mohler JL, Arab L. Occupational and recreational physical activity in relation to prostate cancer aggressiveness: The North Carolina-Louisiana Prostate Cancer Project (PCaP). AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. 2013.
48. Mette ER, Rogers S, Ghazarian A, Zanetti KA, Schully SD, **Su LJ**. Identifying discrepancies in target recruitment within minority participants in National Cancer Institute-funded epidemiological studies. AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. 2013.
49. **Su LJ**, Sun W, Fontham ETH, Bensen JT, Mohler JL. Occupational Risk Factors for High Aggressive Prostate Cancer in a Population-based Study of African Americans and European Americans. AACR Frontiers for Cancer Prevention Conference. 2013.
50. Antwi S, Steck SE, **Su LJ**, Hebert JR, Zhang H, Pittman D, Fontham ETH, Bensen JT, Mohler JL, Arab L. Associations between dietary antioxidant intake and prostate cancer aggressiveness among African and European American men in the North Carolina-Louisiana Prostate Cancer Project (PCaP). ASPO conference. 2014.
51. **Su LJ**. Prospective examination of DNA methylation and Obesity. Obesity Summit 2014.
52. Huang W-Y, **Su LJ**, Johnson CC, Purdue M, Berndt SI. A Prospective Study of Non-Steroidal Anti-Inflammatory Drug Use and Colorectal Adenoma and Colorectal Cancer in the PLCO Cancer Screening Trial. American Association for Cancer Research Meeting 2014.
53. Sun L, Yang M, Thakur K, Dickie LA, Adamo P, Jun J, Houston K, **Su LJ**. Multiple cancers in prostate cancer: Epidemiology and survival. Submitted to American College of Epidemiology Conference. 2014.
54. Sun L, Dickie LA, Adamo P, Jun J, Houston K, **Su LJ**. Epidemiological and clinical characteristics of prostate cancer men with multiple cancers. Submitted UICC World Cancer Congress. 2014.
55. Antwi S, Steck SE, **Su LJ**, Taylor JA, Hebert JR, Zhang H, Fontham ETH, Bensen JT, Smith GJ, Mohler JL, Arab L. Single Nucleotide Polymorphisms in DNA Repair and Oxidative Stress-related Genes, Dietary Alpha- and Gamma-tocopherol Intake, and Prostate Cancer Aggressiveness. American Society of Preventive Oncology (ASPO) Conference. 2015.

56. Antwi S, Steck SE, **Su LJ**, Hebert JR, Zhang H, Fontham ETH, Bensen JT, Mohler JL, Arab L. Dietary, Supplement, and Adipose Tissue Tocopherol Levels in Relation to Prostate Cancer Aggressiveness among African- and European-Americans. American Association for Cancer Research (AACR) Annual Meeting. 2015.
57. Hasan A*, Su LJ, Kamel MH, Davis R. No difference in mortality between racial groups after prostate cancer diagnosis given equal access to health care. 9th AACR Conference on the Sciences of Cancer Health Disparities. 2016. * AACR Scholar-in-Training Award.
58. Alobuia WM, Kamel MH, **Su LJ**, Davis R. Survival outcomes of Gleason Score 3+4 vs Gleason Score 4+3 prostate cancer utilizing a Veteran Affairs database system. 95th Annual Meeting of the South Central Section of the American Urological Association, 2016.
59. Schurhamer B, Tao J, Kamel MH, **Su LJ**, Davis R. Demographic and Social Characteristics of the Different Stages of Penile cancer The American Urological Association Annual Meeting, 2017.
60. Schurhamer B, Tao J, Kamel MH, **Su LJ**, Davis R. Survival outcomes of organ sparing surgery, partial penectomy and total penectomy in T1/T2 penile cancer. The American Urological Association Annual Meeting, 2017.
61. Farias J, Tao J, Mahmoud F, **Su LJ**, Davis R, Kamel M. Single versus Multi-agent Chemotherapy in Advanced Penile Cancer. Report from the National Cancer Database (NCDB). The American Urological Association Annual Meeting, 2017.
62. Campbell CM, Kamel MH, **Su LJ**, Davis R. No survival difference among the different treatment modalities offered for veterans with stage 1 prostate cancer. The American Urological Association Annual Meeting, 2017.
63. Omofuma O, Arab L, **Su LJ**, Bensen JT, Fontham ETH, Mohler JL, Steck SE. Calcium to Magnesium Intake Ratio and Prostate Cancer Aggressiveness in the North Carolina-Louisiana Prostate Cancer Project. EB 2017 Meeting, 2017.
64. Tao J, Wu H, Yeary KHK, **Su LJ**. Cervical Cancer Screening and HPV Vaccination Disparities among U.S. Adult Women. Society for Epidemiologic Research. 2017.
65. Tao J, Kamel M, Schurhamer B, Davis R, **Su LJ**. Effect of Human Papillomavirus infections on Penile Cancer Differentiation and Survival APHA Conference. November 2017.
66. Ratnapradipa K, Schootman M, Loux T, McVay A, **Su LJ**, Nelson E, Kadlubar SA. Individual- and county-level determinants of high breast cancer incidence rates. The International Consortium for Interdisciplinary Education about Health and the Environment; University of Cologne, Cologne, Germany. December 2017.
67. Chiang TC, Koss BS, **Su LJ**, Tackett AJ. Combination effect of sulforaphane and epigenetic alternations reagents for metastatic melanoma treatment. AACR Targeting DNA Methylation and Chromatin for Cancer Therapy Conference. March 2018.
68. Huang WY, Purdue MP, **Su LJ**, Katki HA, Moore LE, Yegnasubramanian S, Berndt SI. Prospective study of genomic 5-methylcytosine and LINE-1 methylation levels of leukocyte DNA and colorectal cancer risk. AACR 2018 Annual Conference. April 2018.
69. Yeary K, Chi XF, Lensing S, Baroni H, Ferguson A, **Su LJ**, Estabrooks P, Tate D, Linnan L. The Wellness Lane: Use of mixed methodology to examine body weight, health behaviors, psychosocial factors, and environmental context among school bus drivers. APHA Annual Meeting November, 2018.
70. Allott E, Voruganti ES, Farnan L, Steck SE, Arab L, **Su LJ**, Fontham ETH, Mohler J, Taylor J, Bensen JT. Genetic variation in cholesterol metabolism and prostate cancer aggressiveness; results from the North Carolina-Louisiana Prostate Cancer Project. Precision Nutrition Conference 2018.
71. O'Connor SN, **Su, LJ**. Self-perceived health status, poor physical and mental health days among cancer survivors with different socioeconomic status. 11th AACR Conference on The

- Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. November, 2018.
72. Hsu PC, Kadlubar SA, Schootman M, McElfish PA, **Su LJ**. Racial differences in genome-wide DNA methylation profiles by county poverty levels among women residing in Arkansas. 11th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. November, 2018.
 73. Stahr S*, Runnells G, Rogers L, Kadlubar SA, **Su LJ**. Reduction of Breast Cancer Risk with Physical Activity: Type and Amount in a predominately rural population. 11th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. November, 2018. * AACR Scholar-in-Training Award.
 74. Roses B, Stone B, Sathr S, Kamel M, **Su LJ**, Davis R. Renal function outcomes following open vs. minimally invasive partial nephrectomy in obese patients with kidney cancer. Submitted to American Urological Association Meeting. March 2019.
 75. **Su LJ**, Lin HY, Chiang TC, Runnells G, Rogers L, Hsu PC, Henry-Tillman R, Kadlubar S. Association between genetic polymorphisms of DNMT genes and breast cancer in a nested case-control study of African Americans. American Association for Cancer Research Annual Meeting. Atlanta, GA 2019.
 76. Hsu PC, Kadlubar SA, Siegel ER, Rogers LR, Todorova VK, **Su LJ**, Makhoul I. "Genome-wide DNA methylation signatures to predict pathologic complete response from combined neoadjuvant chemotherapy with Bevacizumab in breast cancer". American Association for Cancer Research Annual Meeting. Atlanta, GA 2019.
 77. **Su LJ**, Rogers LJ, Runnells GA, Chiang TC. The ratio between arsenic and cadmium concentrations in urine is associated with breast cancer in a pilot study of women living in rural communities. AACR Environmental Carcinogenesis Meeting. June 2019.
 78. Stahr S*, **Su LJ**. Positive association between salivary arsenic concentration and obesity in a pilot study of women living in rural communities in the United States. 2019 International Society of Environmental Epidemiology Annual Meeting. August 2019. *ISEE Young Scholar Travel Award.
 79. Ramirez-Aguilar D*, Steck SE, Lin HY, Fontham ETH, Arab L, Bensen JT, Mohler JL, **Su LJ**. Dietary folate and prostate cancer tumor aggressiveness differences between African Americans and European Americans. The 12th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. September 2019. * AACR Scholar-in-Training Award & oral presentation for featured abstract.
 80. **Su LJ**, Chiang TC, Rogers LJ, Runnells GA, Wardell C, Crystal Z, Kadlubar SA, Malak A. Association between high mammographic density and environmental chromium and arsenic exposure in a pilot study of women living in rural communities. The 12th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. September 22, 2019.
 81. Bauer M, Todorova VK, Hsu PC, **Su LJ**, Wei J, Makhoul I. Genome-wide DNA methylation signatures predict the early asymptomatic doxorubicin-induced cardiotoxicity in breast cancer. To be presented at AACR Annual Meeting, April 2020 in San Diego, California.
 82. Chiang TC, Koss BS, Storey A, Zabaleta J, Roy choudhury S, Shield B, Draper E, **Su LJ**, Tackett AJ. Combination of sulforaphane and 5-aza-2'-deoxycytidine slows the growth and upregulates the chemoattractant CCL5 in metastatic melanoma. To be presented at AACR Annual Meeting, April 2020 in San Diego, California.
 83. Parker P, McSweeney J, Zorn K, Hadden K, Greene C, **Su LJ**, Meade C. An exploration of the perceptions of young women with breast cancer with varying literacy levels about the usefulness of cancer educational materials. To be presented at the Association for Clinical and Translational Sciences Conference, April 2020, Washington, DC.
 84. Ratliff CT, Rogers LJ, Steck SE, Fontham ETH, Bensen JT, Mohler JL, **Su LJ**. Racial differences in the association of one-carbon metabolism polymorphisms and prostate cancer

- aggressiveness. Accepted for virtual poster presentation at the AACR 13th Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved Virtual Conference. October 2020.
85. Matich EK, Hale R, Spencer N, Stewart MK, **Su LJ**, Hsu PC. Colorectal cancer health disparity among African Americans – a qualitative study at the community level, exploring the connection between low access to resources, diet, and colorectal health. Accepted for virtual poster presentation at the AACR 13th Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved Virtual Conference. October 2020.
86. Hsu PC, Brazeal C, Stahr SD, Fontham ETH, Bensen JT, Mohler JL, **Su LJ**. Smoking as a risk factor for the aggressive prostate cancer for African-American men from the North Carolina–Louisiana Prostate Cancer Project (PCaP). Accepted for virtual poster presentation at the AACR 13th Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved Virtual Conference. October 2020.
87. Parker, P., Su, L.J., Zorn, K., Hadden, K., Greene, C., & McSweeney, J. *A closer look: Assessing the content of breast cancer survivorship print materials for young women*. Poster presentation to the 46th Annual Oncology Nursing Society Congress, Washington, DC. April, 2021.
88. Bauer MA, Chiang TC, Hsu PC, Su LJ. Distinct difference in DNA methylation pattern between breast cancer cases and non-cases in a prospective cohort pilot. Presented at American Association for Preventive Oncology Virtual Meeting. March 2021.

TEACHING EXPERIENCE/RESPONSIBILITIES

Course/Clerkship/Residency or Fellowship/CME Directorships

LSUHSC Hematology-oncology Fellow Seminars

2002 Principles of Trial Design

2003 An Update on Nutrition Epidemiology Research

Hematology-oncology Fellow seminar is to provide oncologists continue medical education and to encourage the physicians to collaborate with population science researchers to conduct translational research.

Curriculum Development/Implementation

Louisiana State University Health Sciences Center – School of Public Health

Curriculum Committee Member 2003 to 2009

The Curriculum Committee members are responsible to evaluate and approve courses offered at the School of Public Health. The committee is particularly important since the establishment of the new School of Public Health in July 2003.

Louisiana State University Health Sciences Center – School of Public Health Epidemiology Program

Curriculum Director 2004 to 2009

The curriculum coordinator is responsible for organization of courses offered by the Epidemiology program, arrangement of course sequence to ensure students at the MPH program to finish all course requirements for the degree, coordination with other programs at the School to meet the needs of students at the Epidemiology program, and serving as a liaison to the School Curriculum Committee. This position is particularly important since the establishment of the new Epidemiology Masters of Public Health Program.

Formal Course Responsibilities –

Fall 1996

University of North Carolina at Chapel Hill

Teaching Assistant

Nutr 110 Nutritional Biochemistry and Normal Cell Function

Nutritional Biochemistry and Normal Cell Function is a 3-credit graduate level course on the nutritional metabolisms.

Spring 1998

University of North Carolina at Chapel Hill

Invited Lectures

Nutr/Epid 259 Nutritional Epidemiology

Lectures on "*Caveat's of the Use of Biomarkers in Nutritional Epidemiology*", "*Anthropometric Measurements*", and "*Dietary Assessment - Food Database*".

Fall, 1998

University of North Carolina at Chapel Hill

Invited Lecture

Nutr361 Advanced Nutritional Epidemiology

Lecture on the "*Measurement Error Adjustment in Nutritional Epidemiology*".

Fall 1999, Fall 2001

Louisiana State University Health Sciences Center

Invited Lecture

Cancer Biology (Course Director: Dr. J. Hunt)

Lecture on the "*Cancer Epidemiology*".

Fall 2000, Spring 2000, Summer 2001, Fall 2001, Fall 2003

Louisiana State University Health Sciences Center – Public Health

Course Director/Lecturer

PH/PM 210 Principle of Epidemiology

Principle of Epidemiology is a 3-credit graduate level course design to familiarize students with the basic concepts and methods of epidemiology. Furthermore, the course is designed to inform students about the current state of knowledge regarding the causes and prevention of major chronic and infectious diseases.

Fall 2002

Tulane University School of Public Health

Invited Lecture

Molecular Basis of Cancer (Course Director: Dr. P. Deininger)

Lecture on the "*Cancer Epidemiology*".

Spring 2003

Tulane University School of Public Health

Invited Lecture

Epidemiological Perspectives on Nutrition and Chronic Disease

(Course Director: Dr. J Gustat)

Lecture on "*Diet and Nutritional Biomarker in Cancer*"

Fall 2006, 2007, 2008

Louisiana State University Health Sciences Center – Public Health

Course Co-Director

EPID 6221 Qualitative and Quantitative Research Methods

Qualitative and Quantitative Research Methods is a 3-credit graduate level course design to provide students concentrating in Epidemiology a practical introduction to conducting research and preparing reports using qualitative and quantitative methods in a structured

environment. Qualitative research methods are illustrated through the use of a focus group study conducted as a class project, and quantitative methods will be illustrated through the use of secondary survey data.

Spring 2006

Louisiana State University Health Sciences Center – Public Health

Course Director

EPID 6219 Nutritional Epidemiology

This course is to provide an introduction to the methodological issues related to the design, conduct, analysis and interpretation of studies investigating the relationship between nutritional status, diet, and disease. An emphasis is placed on the types of dietary and nutritional status assessment methods and their advantages and disadvantages in epidemiologic research. The interpretation of studies in nutritional epidemiology, given the dietary instrument used, and the study design are considered. Issues such as intra- and inter-individual variation, measurement error, misclassification, homogeneity of intake within populations, and correlations among nutrients, micronutrients and food groups are discussed.

Spring 2008

Louisiana State University Health Sciences Center – Public Health

Course Director

EPID 6222 Cancer Epidemiology

This course provides students with an understanding of the theory of carcinogenesis and major etiologic factors for cancer, including tobacco, diet and nutrition, alcohol, viruses and bacteria, drugs, occupation, and radiation. The epidemiology of major cancer sites (e.g., lung, breast, prostate, colon and rectum, cervix and uterine corpus) and selected cancers of specific interest to the class will also be presented. Study design and methodology used in cancer research are discussed throughout the course.

Fall 2016, 2017, 2018, 2019, 2020

University of Arkansas for Medical Sciences, College of Public Health

Course Director

PBHL 9123 Grantsmanship & Peer Review

This course is designed to provide information and cultivate skills required to develop competitive grant applications supporting scholarly efforts to better understand and resolve complex public health challenges. Applications should demonstrate potential to exert a sustained and powerful influence on public health research or practice. The goal of this course is that every student will develop a pre-doctoral fellowship application at the end of semester that could be submitted for funding consideration at key funding agencies.

Spring 2017, 2019, 2021

University of Arkansas for Medical Sciences, College of Public Health

Course Director

EPID 5332 Cancer Epidemiology

This course is designed to provide an overview of the epidemiology of common cancers as well as methodologic issues in etiologic research and cancer screening. Emphasis will be placed on risk factors that can be modified for cancer control and prevention. The course will address: geographic variation and temporal trends in cancer, cancer burden, biology of normal and cancer cells, biomarkers, selected risk factors (e.g., occupation, tobacco, alcohol, radiation, viruses, immunity, hormones, and genetic factors), and screening objectives, recommendations, and controversies.

Fall 2021

University of Arkansas for Medical Sciences, College of Public Health

Course Director

EPID 5334 Epidemiology III

This advanced epidemiology course is to prepare graduate students for interpreting epidemiologic data for various types of epidemiologic studies. The course focuses on practical approaches of basic data analysis using SAS. Students learn to choose appropriate statistical analyses, interpret their findings, and communicate their results clearly and effectively

Spring 2022

University of Arkansas for Medical Sciences, College of Public Health

Course Director

EPID 6224 Clinical Trials

This course is designed to provide an overview of the epidemiology principles, designs, and analyses of clinical trials, including pharmaceutical agents and medical devices. This course also introduce the regulatory guidance of the pre- and post-approval studies and the process for FDA review of efficacy, effectiveness, and adverse events.

MENTORING**Graduate Students Trained (as Advisor/Committee Chair):**

2004	Stephen Richey, M.D.
2005	Catherine Tridico
2006	Aaron Martin, M.D.
2007	Ajay Kallam, MBBS, Shannon McNibb
2008	Zhenzhen Zhang, M.D.
2017-present	Shelbie Stahr
2018-19	Sarah Nichol O'Connor, Meghan Ayers, Daniela Ramirez-Aguilar
2019-20	Octavia Toombs
2020-21	Randi Nees, Blessing Ugwumba, Colman Massey
2021-22	Randi Nees, Clara Canter, Edgar Ellis, Stephanie Mahaffey, Anna Pilkington, Jayda Williams, Bobbie Fine
2023	Sarah Mayberry

Thesis & Dissertation Committees

2000	MPH Thesis Committee, Tracie Bellanger, M.D.
2001	MPH Thesis Committee, Benjamin Canales, M.D.
2002	MPH Thesis Committee, Lawrence Montelibano, M.D.
2004	MPH Thesis Committee Chair, Stephen Richey, M.D.
2004	MPH Thesis Committee, Scott Wiltz, M.D.
2006	MPH Thesis Committee Chair, Aaron Martin, M.D.
2006	MS Thesis Committee, Molly Davis, M.S.
2008	PhD Dissertation Committee, Dan Koralek, Ph.D.
2019-2022	PhD Dissertation Committee, Ruiqi Cen
2019-2022	PhD Dissertation Committee Chair, Shelbie Stahr
2021-2022	PhD Dissertation Committee Chair, Danielle Boothe

Post-Doctoral Fellows Trained:

2002 – 2004	Yu-wen Angela Chiu (Epidemiology) Now Associate Professor of Health Policy & Systems Management, LSUHSC, School of Public Health
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- 2004 – 2006 Hui-Yi (Whitney) Lin (Biostatistics)
Now Associate Professor of Biostatistics and Director of the Biostatistics & Bioinformatics Core of Center for Translational Viral Oncology, LSUHSC
- 2016 – 2018 Jun Tao (Epidemiology)
Now Assistant Professor of Epidemiology, Brown University
- 2018 – 2023 Eryn Matich (Chemistry/Public Health)
- 2023 – present Sifiso Msibi

Research Fellows Trained:

- 2001 NCI-funded Summer Short Research Experiences in Cancer Research
Ms. Pham Tran
- 2002 NCI-funded Summer Short Research Experiences in Cancer Research:
Ms. Hong Pham and Trang Nguyen, M.D. (separate projects)
- 2002 LSUHSC Summer Research Fellowship for Medical Student
Son V. Nguyen, M.D.
- 2006 NCI-funded Summer Short Research Experiences in Cancer Research:
Thuha Pham, M.D. and Ms. Troy Alexander (separate projects)
- 2007 NCI-funded Summer Short Research Experiences in Cancer Research:
Ms. Marquita Reynolds
- 2008 NCI-funded Summer Short Research Experiences in Cancer Research:
Ms. Wonestta Collins
- 2012 NCI Summer High School Student Epidemiology Fellow
Wendy Sun
- 2013 NCI Summer Student Epidemiology Fellow
Emily Hu (Undergraduate)
Jennifer Bi (High School)
- 2014 NCI Summer Student Epidemiology Fellow
Michelle Yang (High School)
Kisha Thakur (High School)
- 2016 UAMS MPH Student Research Assistant
Afsheen Hasan – Recipient of AACR Scholar-in-Training Award
- 2017 UAMS MPH Student Research Assistant
Shelbie Stahr
- 2017 Arkansas Department of Health/UAMS Public Health Stead Scholar
Rachel Parker
- 2017- UAMS PhD and MPH Student Research Assistants
- 2019 Shelbie Stahr Recipient of AACR Scholar-in-Training Award
Sarah O'Connor
- 2018- UAMS MPH Student Research Assistants
- 2019 Daniela Ramirez-Aguilar
- 2019 Arkansas Department of Health/UAMS Public Health Stead Scholar
Chase Brazeal, Harrison Wong

National Mentor Program:

- 2010 – 2014 American College of Epidemiology Mentoring Committee
- 2012 AACR Associate Member Mentoring Round Table host
- 2003 – 2008 American Public Health Association Mentoring Program - Mentor
- 2004 – 2005 Young Epidemiology Scholar Program – Cindy Cheng
Regional Semi-finalist Award

COMMUNITY SERVICES

- 2019-present American Cancer Society, Arkansas Area Board Member

- 2019-present Louisiana State Governor appointed External Advisory Committee to investigator St. James Parish cancer outbreak
- 2019-present Arkansas State Cervical Cancer Task Force Member
- 2016-present Arkansas Prostate Cancer Foundation, Medical Advisory Board Member
- 2016-present Arkansas Central Cancer Registry Advisory Board Member
- 2019-present Arkansas Community Health Workers Advisory Committee
- 2015 – 2016 Gaithersburg Chinese School (Maryland) Principal
- 2012 – 2013 Cabin John Middle School (Maryland) PTSA President
- 2010 – 2012 Montgomery County (Maryland) Soccer Grade 1 and 2 Coach
- 2010 Montgomery County (Maryland) Department of Recreation 5th grade Basketball Coach
- 2007 – 2009 National Women Against Prostate Cancer Coalition - Advisor
- 2007 – 2009 Louisiana Heart Disease and Stroke Prevention Task Force
- 2008 – 2009 Cubscout Pack 199 Den Leader/Assistant Cubmaster
- 2008 – 2009 Lower 9th Organization
- 2003 – 2009 Louisiana Comprehensive Cancer Control Program: Nutrition and Physical Activity Work Group
- 1999 – 2000 National Institute for Cancer Research - New Orleans Contact Person
- 1994 Diet and Cancer Branch, National Cancer Institute
Field Experience. Assistant to the Branch Chief. Reviewed dietary survey reports, developed research concepts for public announcement, data analysis and literature searches.
- 1994 Nutrition Education Training Program, Minnesota Department of Education
Field Experience. Director of reviewing visual and printed materials for establishing a resource center for nutrition educators and parents.
- 1994 Team Media, Boynton Health Services, University of Minnesota
Field Experience. Director of developing printed visual materials for health promotion events.
- 1993 American Heart Association, Minnesota Affiliate
Field Experience. Director of community health promotion events planning.
- 1991-1993 Children's Hospital of St. Paul
Volunteer. Inpatient and Outpatient Child Life.