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Assistant Professor
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EDUCATION

- PhD** **Health Economics** (Minor: Biostatistics)
Dept. of Management, Policy and Community Health
The University of Texas Health Science Center (HSC) at Houston, School of Public Health
(Houston, TX, US), 2018 - 2020
Dissertation: Human Papillomavirus-Associated Cancers in Inflammatory Bowel Disease
- Dept. of Health Services Research, Management and Policy (Concentration: Health Economics)
University of Florida, College of Public Health and Health Professions (Gainesville, FL, US),
2016 – 2018 (*Due to the lab relocation, transferred after completing the qualifying examination
to the University of Texas HSC at Houston, School of Public Health*)
- MS** **Economics**
The University of Utah, Department of Economics, College of Social & Behavioral Science (Salt
Lake City, UT, US), 2013 – 2016
Thesis: The Impact of Apology Law on Adverse Medical Events
- BBA** **Business Administration** (with additional Pre-Law curriculum)
Korea University, Business School (Seoul, Korea), 2000 – 2006

ACADEMIC EMPLOYMENT

- Jan 2024 – Present** **Assistant Professor (Tenure-Track),**
Center for Data Science,
Emory University, Nell Hodgson Woodruff School of Nursing (Atlanta, GA, US)
- Assistant Professor (Secondary Appointment)**
Department of Health Policy and Management
Emory University, Rollins School of Public Health (Atlanta, GA, US)
- Faculty Consultant for HEOR** (Health Econ & Outcomes Research)
Winship Center for Cancer Health Equity Research
Winship Cancer Institute of Emory University
- Faculty Member,
AI.Humanity, Emory University
- Faculty Member,

Laney Graduate School, Emory University

Member,
Winship Cancer Institute of Emory University
(Cancer Prevention and Control Program)

Mar 2025 – Present

Adjunct Professor,
Yonsei University Health System, Graduate School of Public Health
(Seoul, Korea)

Aug 2023 – Dec 2023

Assistant Professor (Tenure-Track),
Department of Pharmaceutical Outcomes and Policy
University of Florida, College of Pharmacy (Gainesville, FL, US)

Member,
Center for Drug Evaluation and Safety [CoDES]), UF POP

Jul 2021 – Aug 2023

Assistant Professor (Tenure-Track),
Department of Management, Policy and Community Health
The University of Texas Health Science Center (HSC) at Houston, School of
Public Health (Houston, TX, US)
*(Affiliation: Center for Health Systems Research, Policy, and Practice/
Center for Health Promotion and Prevention Research)*

Jan 2021 – Jul 2021

Postdoctoral Research Fellow in Decision Science,
Department of Management, Policy and Community Health
The University of Texas HSC at Houston (Houston, TX, US)

Aug 2018 – Dec 2020

Graduate Research Assistant,
Department of Management, Policy and Community Health
The University of Texas HSC at Houston (Houston, TX, US)

Aug 2016 – Jul 2018

Graduate Research Assistant,
Department of Health Services Research, Management and Policy
University of Florida (Gainesville, FL, US)

NON-ACADEMIC EMPLOYMENT

Nov 2010 – Jun 2013

Freelance Translator/ Interpreter (English <=> Korean; Seoul, Korea)

Feb 2008 – Jun 2013

Human Resource Development Consultant/ Organizational Leadership Education
Designer, Learn2 Consulting (Seoul, Korea)

PROFESSIONAL SERVICES

2024 – 2027

Trustee (Board Member)
Society for Medical Decision Making (SMDM)

2026	Ad-hoc Reviewer NIH Health Services and Systems Review Branch (HSS)
2025	Ad-hoc Reviewer NIH Population-Based Research in Infectious Disease Study Section
2025 – Present	HIV C-CORE Workgroup Advisory Board Member Georgia Department of Public Health (DPH)
2025 – Present	Lead, Methods Core (Systems & Data Science) Cancer Prevention and Control Research Network (CPCRN)
2025 – 2026	Lee Lusted Award Co-Chair Society for Medical Decision Making (SMDM)
2025 – Present	Communications Committee Society for Integrative Oncology (SIO)
2025 – Present	Elimination Implementation Team HPV Vaccination Roundtable of the Southeast
2024 – Present	Cervical Cancer Awareness Day and HPV Awareness Day Plan Committee HPV Cancer Free GA Workgroup
2024 – Present	Development Committee Society for Medical Decision Making (SMDM)
2023 – Present	Co-Chair, Q+ Affinity Group Society for Medical Decision Making (SMDM)
2023 – 2025	Co-Chair, LGBTQ+ Workgroup Cancer Prevention and Control Research Network (CPCRN)
2022 – Present	Career Development Committee (1:1 Mentorship Program Co-Lead [2023-2025]; GRANTs Co-Lead [~present]) Society for Medical Decision Making (SMDM)
2021 – Present	Cervical Cancer Elimination Workgroup Member Cancer Alliance of Texas (CAT)
2021 – Present	Communications Committee Interdisciplinary Association for Population Health Science (IAPHS)
2021 – 2024	Professional Development Committee/ Committee Liaison Interdisciplinary Association for Population Health Science (IAPHS)

INSTITUTIONAL SERVICES

2025 – Present	Education, Research, and Scholarship Committee Nell Hodgson Woodruff School of Nursing, Emory University
2025 – 2026	Emory Health Services Day Planning Committee Emory University
2025 – Present	Health Policy Advisory Committee Nell Hodgson Woodruff School of Nursing, Emory University

2024 – Present	Emory Pride and Inclusion Committee (EPIC) Emory University
2024 – Present	Winship Scientific Symposium Committee Winship Cancer Institute of Emory University

RESEARCH AND TEACHING INTERESTS

- Cost-Effectiveness Analysis (CEA)/ Decision Analytic Modeling
- Population-Based Large Scale Data Analysis/ Real-World Evidence
- HPV-associated Cancer Prevention and Control
- Integrative Oncology in Cancer Continuum
- Under-recognized Populations in Cancer Prevention Research
- AI-Powered Decision Support Tool for Cancer Prevention and Control
- Business Process Model-Integrated Healthcare Pathway

HONORS AND AWARDS

- Selected trainee for the Comparative Effectiveness Training (CERTaIN, NCI R25CA257883, UT MD Anderson Cancer Center) Pragmatic Clinical Trials, Apr 27-Apr 30, 2026
- 2025 Emerging Leaders Fellow, National HPV Vaccination Roundtable, *American Cancer Society*
- Top reviewer for 2023, *JAMA Network Open*
- Selected trainee for the 3rd Annual SGM Cancer CARE Workshop (NIH R25CA240113, SGM Cancer CARE, UT MD Anderson Cancer Center) Feb 29-Mar 2, 2024
- Selected trainee for NIH All of Us data and LGBTQ+ research training, PRIDEnet Research Basecamp (PRIDEnet, NIH All of Us, Stanford University) Mar 23-24, 2023
- SPHSA Research Day 2020, 3rd Place Award, The University of Texas HSC, 2020
(*Title: Risks of Suicidal Deaths after a Cancer Diagnosis by County-level Socioeconomic and Metropolitan Status in the US, 1992-2016*)
- People with AIDS Public Health in the Americas Scholarship, The University of Texas HSC, 2019
- Department of Management, Policy and Community Health Scholarship, The University of Texas HSC, 2019
- School of Public Health Travel Fund, The University of Texas HSC, 2019
- Grinter Fellowship, University of Florida, 2016-2019
- Graduate Student Council Travel Grant, University of Florida, Spring 2018
- Thesis Grant, Department of Economics, University of Utah, 2015-2016

RESEARCH SUPPORT

Funded - Ongoing

Title: *Research Scholar Grant “The Vaccines for Children Program and HPV Vaccination among Medicaid/CHIP Enrolled Children in Texas: Public Health Impact and Areas for Improvement”*

Role: Principal Investigator (26% FTE)

Sponsor: American Cancer Society

Duration: 09/01/2025 – 08/31/2029

Amount: \$946,000

Summary: We use a mixed methods approach that integrates advanced spatial modeling using claims and vaccine registry data and cognitive task analysis-based focus groups to investigate access to affordable HPV vaccination through VFC. We aim to quantify spatial accessibility and understand how eligible individuals navigate informational and social barriers to vaccination.

Title: *Greater Value Portfolio* “Optimizing Value and Outcomes of Palliative Radiation for Bone Metastasis”

Role: Multiple Principal Investigator (41% FTE) (MPIs: *Hu/Suk*)

Sponsor: The Donaghue Foundation

Duration: 01/01/2026 – 12/31/2027

Amount: \$550,500

Summary: This project leverages real-world data (claims and EHR) to integrate causal machine learning (ML) with microsimulation for estimating heterogeneous treatment effects (HTE) of advanced palliative radiotherapy in metastatic cancers, identifying patient subgroups most likely to benefit and evaluating the value using distributional cost-effectiveness analysis.

Funded - Completed

Title: “Human Papillomavirus-Associated Cancers in the US Medicare Population with Inflammatory Bowel Disease: Risk, Quality of Life, and Lifetime Costs”

Role: Principal Investigator

Sponsor: PRIME Funding for New Investigators - The University of Texas HSC SPH

Duration: 09/01/2021 – 08/31/2022

Amount: \$25,000

Title: Joint Center on Geospatial Analysis and Health (MPIs: *Bauer/Ramphul/Strong/Walsh*)

Role: Co-Investigator (10% FTE)

Sponsor: UTH-MDA Population Health Initiative Collaborative Projects

Duration: 01/01/2022 – 08/13/2023

Amount: \$200,000

Title: The Impact of Apology Law on Adverse Medical Events

Role: Principal Investigator

Sponsor: Department of Economics, College of Social & Behavioral Science, University of Utah

Duration: 09/01/2015~05/04/2016

Amount: \$3,000

Under review

Title: *R01* “Empower with Empathy: A Patient-Centered, Stigma-Reducing Interactive Digital Tool for Patients with Abnormal Cervical Cancer Screening Results”

Role: PI

Sponsor: NCI

Title: *Discovery Boost Grant* “EmpowerHPVx: Bridging Public Discourse and Clinical Insights Through Accessible and Empathetic Communication for Adult HPV Vaccination Decision-Making”

Role: PI

Sponsor: American Cancer Society

Title: *R2I* “Care Friction in Cervical Cancer Screening and Follow-Up: A Statewide Claims Study with a Parallel EHR Analysis”
Role: MPI (Contact)
Sponsor: NCI

Title: *READ* “Economic and Distributional Implications of AI-Informed Adaptive Monitoring for MCI-to-Dementia Progression”
Role: MPI
Sponsor: NBER

Title: *R0I* “A Multilevel Implementation-Effectiveness Trial of a Peer Navigator Intervention to Improve Timely Anal Cancer Screening Follow up among People with HIV”
Role: Co-I
Sponsor: NIH

OTHER RESEARCH EXPERIENCE

Role: Postdoctoral Research Fellow

NIMHD R01 “A Randomized Controlled Trial of Mail-Self Stamped HPV Testing to Increase Cervical Cancer Screening Participation among Minority/Underserved Women in an Integrated Safety Net Healthcare System” (PI: *Jane R Montealegre, PhD*) – Jan 2021~Jul 2021

NCI R01 “Determining the Accuracy of Self- and Partner Anal Exams for Detecting Anal Abnormalities” (PI: *Ashish A. Deshmukh, PhD, MPH*) – Jan 2021~Jul 2021

Role: Graduate Research Assistant

NCI R01 “Determining the Accuracy of Self- and Partner Anal Exams for Detecting Anal Abnormalities” (PI: *Alan G. Nyitray, PhD*) – Sep 2018~Aug 2019

NCI R01 “Optimizing Age-based Anal Cancer Screening among People Living with HIV using Decision Analytic Modelling (PI: *Ashish A. Deshmukh, PhD, MPH*) – Mar 2019~Feb 2020

NCI U54 “UPR/MDACC Partnership for Excellence in Cancer Research” (PI: *Ashish A. Deshmukh, PhD, MPH*) – Sep 2019~Aug 2020

PEER-REVIEWED PUBLICATIONS

* Authors with equal contribution

^ Corresponding author

1. Zhu Y[^], Suk R, Lin YY, Hong YR, Virnig B. Cardiovascular Mortality Risk After Cancer Diagnosis by County-Level Characteristics in the United States 2000-2021. **Cancer Medicine**. 2026 Mar;15(3):e71675. doi: 10.1002/cam4.71675
2. Suk R[^], Lin YY, Dilley S, Chandler R, Xiao R, Shao H, Wells J. Survival by Treatment Recommendation and Receipt Among Older Patients With Early-Stage Cervical Cancer. **JAMA Netw Open**. 2025;8(9):e2532206. doi:10.1001/jamanetworkopen.2025.32206
3. Liu J*, Zhu Y*, Suk R, Vu M[^]. Cancer fatalism among Asian American adults by origin group, 2012-2022. **Cancer Medicine**. 2025 Mar;14(6):e70738. doi: 10.1002/cam4.70738.

4. Waters AR, Bono MH, Ito Fukunaga M, Masud M, Mullins M, **Suk R**, O’Leary M, Adams S, Ferrari RM, Wangen M, Odebunmi O, Nash SH, Spees L, Wheeler SB, Adsul P, Chebli P, Hirschey R, Studts JL, Seaman A, Lee M. LGBTQ+ Cancer: Priority or Lip Service? A Qualitative Content Analysis of LGBTQ+ Considerations in U.S. State, Jurisdiction, and Tribal Comprehensive Cancer Control Plans. **Cancer Causes & Control**. 2024. doi: 10.1007/s10552-024-01887-z
5. Xie Z[^], Terrell K, Lee J, **Suk R**, Hong YR. Patterns and Reasons for Being Uninsured among Sexual Minority Adults Before and After the Affordable Care Act Implementation. **LGBT Health**. 2024. *Online ahead of print*. doi: 10.1089/lgbt.2023.0166
6. Gu N*, Elsis Z*, **Suk R**, Li M[^]. Geographic disparity in the distribution of cancer clinical trials in the US and the associated factors. **Journal of Managed Care & Specialty Pharmacy**. 2024. Apr;30(4):376-385. doi: 10.18553/jmcp.2024.30.4.376
7. **Suk R**[^], Xie Z, Spencer JC, Lemieux-Cumberlege A, Hong YR. Lesbian, gay, bisexual, and other sexual minority adults in the US and their unmet medical needs and telehealth use due to the COVID-19 pandemic. **Annals of LGBTQ Public and Population Health**. Jan 2024. doi:10.1891/LGBTQ-2022-0029
8. Vu M, Zhu Y, Trinh DD, Hong YR, **Suk R**[^]. Awareness and knowledge of HPV and HPV vaccine among Asian American adults by origin group: A 2014-2019 population-based analysis. **Journal of General Internal Medicine**. 2024 Feb;39(2):342-344. doi: 10.1007/s11606-023-08485-w.
9. Mobley EM[^]*, Chen G*, Xu J, Edgar L, Pather K, Daly MC, Awad ZT, Parker AS, Xie Z, **Suk R**, Mathews S, Hong Y-R. Association of Medicaid expansion with two-year survival and time to treatment initiation in gastrointestinal cancer patients: A National Cancer Database study. **Journal of Surgical Oncology**. 2023 Dec;128(8):1285-1301. doi: 10.1002/jso.27456.
10. Yadav S, Turner K, Xie Z, Chen G, Islam J, **Suk R**, Hong YR[^]. Utilization of Inpatient Palliative Care Services among Adolescents and Young Adults with Cancer: Evidence from National Inpatient Sample 2016-2019. **Palliative & Supportive Care**. 2023. doi:10.1017/S1478951523000354
11. Hong YR, Xie Z, Lee J, Turner K, **Suk R**[^]. Cancer Survivors’ Unmet Healthcare Needs and Emergency Department Utilization during the COVID-19 Pandemic. **AJPM Focus**. 2023;2(2):100065. doi:10.1016/j.focus.2023.100065
12. **Suk R**[^], Liao K, Bauer C, Basil C, Li M. Human Papillomavirus Vaccine Administration Trends among Commercially Insured Adults Aged 27-45 Before and After Advisory Committee on Immunization Practices Recommendation Change in the US, 2007-2020. **JAMA Health Forum**. 2022;3(12):e224716. doi:10.1001/jamahealthforum.2022.4716
13. Sannegowda R, Villalba K, **Suk R**, Gurnurkar S, Wasserman RM[^]. Recent Rates of Substance Use among Adolescents and Young Adults with Type 1 Diabetes in the United States. **Current Diabetes Reports**. 2023. doi:10.1007/s11892-022-01496-7
14. **Suk R**^{*}, White DL^{*}, Knights S, Nijhawan A, Deshmukh AA^{*}, Chiao EY^{^*}. Incidence trends of Kaposi Sarcoma among Young Non-Hispanic Black Men by US Regions, 2001-2018. **JNCI Cancer Spectrum**. 2022;:, pkac078. doi:10.1093/jncics/pkac078
Accompanying Editorial: Reiner AS, Panageas KS. Kaposi Sarcoma in the United States: Understanding Disparate Risk, **JNCI Cancer Spectrum**. 2022;:, pkac079. doi:10.1093/jncics/pkac079

15. Bauer C, Zhang K, Xiao Q, Lu J, Hong YR, **Suk R**[^]. County-level social vulnerability and breast, cervical, and colorectal cancer screening rates in the US, 2018. **JAMA Network Open**. 2022;5(9):e2233429. doi:10.1001/jamanetworkopen.2022.33429
16. Clarke M, Deshmukh AA, **Suk R**, Roberts J, Gilson R, Jay N, Stier E, Wentzensen N. A Systematic Review and Meta-Analysis of Cytology and HPV-related Biomarkers for Anal Cancer Screening Among Different Risk Groups. **International Journal of Cancer**. 2022 Jul 6. doi:10.1002/ijc.34199. *Online ahead of print*.
17. Hong YR[^], Yadav S, **Suk R**, Lee A, Newsome F, Johnson-Mann CN, Cardel MI, Ross KM. Assessment of Physical Activity and Healthy Eating Behaviors among US Adults Receiving Bariatric Surgery, Eligible for Surgery, and with Normal Weight. **JAMA Network Open**. 2022;5(6):e2217380. doi:10.1001/jamanetworkopen.2022.17380
18. Hong YR[^], Xie Z, **Suk R**, Tabriz AA, Turner K, Qiu P. Analysis of US Household Catastrophic Healthcare Expenditures associated with Chronic Disease, 2008-2018. **JAMA Network Open**. 2022;5(5):e2214923. doi:10.1001/jamanetworkopen.2022.14923
19. Xie Z, Chen G, **Suk R**, Dixon B, Jo A, Hong YR[^]. Limited English Proficiency and Screening for Cervical, Breast, and Colorectal Cancers among Asian American Adults. **J. Racial and Ethnic Health Disparities** (2022). doi:10.1007/s40615-022-01285-8
20. **Suk R**[^], Hong YR, Rajan SS, Xie Z, Zhu Y, Spencer JC. Assessment of US Preventive Services Taskforce-concordant cervical cancer screening rates and reasons for underscreening by age, race/ethnicity, sexual orientation, rurality, and insurance, 2005 to 2019. **JAMA Network Open**. 2022;5(1):e2143582. doi:10.1001/jamanetworkopen.2021.29913
21. Lin Y*, Damgacioglu H*, **Suk R**, Wu C, Zhu Y, Ortiz AP, Hara SK, Sonawane K, Deshmukh AA[^]. Trends in the Incidence of Human Papillomavirus-Associated Cancers by County-Level Income and Smoking Prevalence in the United States, 2000-2018, **JNCI Cancer Spectrum**. 2022;6(2):pkac004, doi:10.1093/jncics/pkac004
22. Sonawane K*, **Suk R***, Chiao EY, Schmeler K, Montealegre J, Fernandez M, Deshmukh AA[^]. Evaluation of Cervical Cancer Screening Uptake and Adherence Among Women Without Human Papillomavirus Vaccination in the US. **JAMA Network Open**. 2021;4(10):e2131129. doi:10.1001/jamanetworkopen.2021.31129
23. **Suk R**[^], Hong YR, Wasserman RM, Swint JM, Azenui NB, Sonawane K, Tsai AC*, Deshmukh AA*. Analysis of Suicide after Cancer Diagnosis by US County-Level Income and Rural vs Urban Designation, 2000-2016. **JAMA Network Open**. 2021;4(10):e2129913. doi:10.1001/jamanetworkopen.2021.29913
24. Sun SX[^], **Suk R**, Kuerer HM, Cantor SB, Raber BM, Deshmukh AA. No Treatment Versus Partial Mastectomy Plus Radiation for Ductal Carcinoma In Situ. **Annals of Surgical Oncology**. 2021. doi:10.1245/s10434-021-10758-9
25. Song J[^], Fogarty K, **Suk R**, Gillen M. Behavioral and Mental Health Problems in Adolescents with ADHD: Exploring the Role of Family Resilience. **Journal of Affective Disorders**. 2021;294:450-458. doi:10.1016/j.jad.2021.07.073
26. Hong YR[^], Yadav S*, **Suk R**, Khanijahani A, Erim D, Turner K. Patient-Provider Discussion about Emotional and Social Needs, Mental Health Outcomes and Benefit Finding among US Adults Living with

- Cancer. **Cancer Medicine**. 2021 Jun;10(11):3622-3634. doi:10.1002/cam4.3918
27. Deshmukh AA[^], **Suk R**, Shiels MS, Damagacioglu H, Lin Y, Stier EA, Nyitray AG, Chhatwal J, Nemutlu GS, Chiao EY, Schmeler K, Sigel K*, Sonawane K*. Incidence Trends and Burden of Human Papillomavirus-Associated Cancers among Women in the United States, 2001-2017. **JNCI**. 2020. doi:10.1093/jnci/djaa128
 28. Deshmukh AA[^], **Suk R***, Shiels MS, Sonawane K, Nyitray AG, Liu Y, Gaisa MM, Palefsky JM, Sigel K. Recent Trends in Squamous Cell Carcinoma of the Anus Incidence and Mortality in the United States, 2001-2015. **JNCI**. 2020;112(8):829-838. doi:10.1093/jnci/djz219
 29. **Suk R**, Montealegre JR, Nemutlu GS, Nyitray AG, Schmeler KM, Sonawane K*, Deshmukh AA[^]. Public Knowledge of Human Papillomavirus (HPV) and Receipt of Vaccination Recommendations. **JAMA Pediatrics**. 2019;173(11):1099-1102. doi:10.1001/jamapediatrics.2019.3105
 30. Sonawane K[^], Zhu Y, Balkrishnan R, **Suk R**, Deshmukh AA, Aguilar D. Antihypertensive Drug Use and Blood Pressure Control among Stroke Survivors in the US: NHANES 2003-2014. **The Journal of Clinical Hypertension**. 2019;00:1-8. doi: 10.1111/jch.13553
 31. Hong YR[^], Cardel M, **Suk R**, Vaughn I, Deshmukh AA, Fisher C, Pavela G, Sonawane K. Teach-Back Experience and Hospitalization Risk among Patients with Ambulatory Care Sensitive Condition: A Matched-Cohort Study. **Journal of General Internal Medicine**. 2019;34, 2176-284. doi: 10.1007/s11606-019-05135-y
 32. **Suk R**, Mahale P, Sonawane K, Sikora A, Chhatwal J, Schmeler K, Sigel K, Cantor SB, Chiao EY*, Deshmukh AA[^]. Trends in Risks for Second Primary Cancers Associated with Index Human Papillomavirus Associated Cancers. **JAMA Network Open**. 2018;1(5):e181999. doi:10.1001/jamanetworkopen.2018.1999
 33. Sonawane K, **Suk R**, Chiao EY, Chhatwal J, Qiu P, Wilkin T, Nyitray AG, Sikora A, Deshmukh AA[^]. Oral Human Papillomavirus Infection: Differences in Prevalence Between Sexes and Concordance with Genital Human Papillomavirus Infection, NHANES 2011 to 2014. **Annals of Internal Medicine**. 2017;167:714–724. doi: 10.7326/M17-1363
 34. **Suk R**. Health Economic Approach to End-of-Life Care in US: Based on Medicare. **Korean Journal of Law and Medicine**. 2014; 15(1): 335-373

MANUSCRIPTS UNDER REVIEW / REVISION

* Authors with equal contribution

[^] Corresponding author

1. Zhu Y, Wang X, Kheirandish M, **Suk R**[^]. State-Level Changes in Cervical Cancer Incidence by Age and Race and Ethnicity in the United States, 2007-2022.
2. Grosso Zelaya M*, Lahiji R*, Melikian M, Catic A, Borjigin M, Mumford S, Slomik H, Nguyen J, Patil D, **Suk R**, Smith-Graziani D, Kalinsky K, Bausum A, Master VA. Real-World Data Evaluating the Efficacy of Acupuncture in the Treatment of Chemotherapy-Induced Peripheral Neuropathy.
3. Gorsso Zelaya M*, Borjigin M*, Lahiji R, Bausum A, Melikian M, Catic A, **Suk R**, Master VA. A Prospective Assessment of Symptom Reduction with Group Acupuncture at an NCI-Designated

Comprehensive Cancer Center.

MANUSCRIPTS IN PREPARATION

1. **Suk R.** Translational Decision Intelligence (TxDI) v1.0: Foundations of a Game-Theory-Informed Decision Science Framework for Healthcare AI.
2. **Suk R,** Kheirandish M, Czerner M, CPCRN Methods Core, Calderón-Mora J. From Standardized Workflow Mapping to Budget Impact Analysis for Implementation: An Integrated Simulation Modeling Framework.

REPORTS AND OTHERS

- GBD 2019 Cancer Risk Factors Collaborators. The global burden of cancer attributable to risk factors, 2010–19: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2022. 400, 563–591. doi: 10.1016/s0140-6736(22)01438-6
- Mainous III A, Kates FR, Luetke M, Tanner R, **Suk R**, Laberge M. Service Needs of People Living with HIV/AIDS in Florida: Results from the 2016 Florida Needs Assessment for People Living with HIV/AIDS. *Florida Department of Health*.

Public Scholarship, Professional Commentary, and Society Writing

- **Suk R.** In an AI-Focused Era, the Case for Decision Science. *Society for Medical Decision Making*. Newsletter. May 2026; Issue 1. Invited Commentary.
- **Suk R.** Missed the HPV Vaccine? It May Not Be Too Late. *Everyday Health*. 2025.
- **Suk R.** Public-Facing Communications, Part 2: Beyond the PI – How We Can Systematically Build a Culture of Public-Facing Science. *Interdisciplinary Association for Population Health Science*. 2025.
- **Suk R.** Public-Facing Communications, Part 1: Public Engagement in Science is Essential – Not Optional. *Interdisciplinary Association for Population Health Science*. 2025.

Digital Projects

- **HPVx Navigator** (2026). Web-based R Shiny prototype to support HPV vaccine navigation and access (e.g., eligibility, Vaccines for Children provider information, other free vaccine programs, and community resource links). <https://suk-decision-science-lab.shinyapps.io/hpvxnavi/> (Developed in R Shiny; currently in refinement and usability/acceptability testing wave 2-3). Showcased: *ACS National HPV Vaccination Roundtable Emerging Leaders Fellows Program* — Showcase Day (Feb 18, 2026), Presentation title: “HPVx Navigator: Your Guide to Free HPV Vaccination & Community Support”

SCIENTIFIC ABSTRACTS AND PRESENTATIONS

* Authors contributed equally to this work

‡ Presenting author

1. **Suk R‡.** Using Causal Machine Learning to Inform Cost-Effectiveness and Equity in Cancer Care Decision Making. *Invited Podium Presentation*. 2026 **INFORMS Annual Meeting**. To be presented in

Nov 2026, San Francisco, CA.

2. **Suk R†**, Kheirandish M, Im H, Czerner M, Calderón-Mora J. Cost and Operational Projections of Adding At-Home HPV Self-Sampling in a Federally Qualified Health Center: A Workflow-Informed Discrete-Event Simulation. *Contributed Podium Presentation. 2026 INFORMS Healthcare Conference*. July 2026, Raleigh, NC.
3. **Suk R†**, Czerner M, Kheirandish M, Calderón-Mora J. Standardized BPMN 2.0 Modeling of In-Clinic Cervical Cancer Screening and At-Home HPV Self-Sampling Workflows in an FQHC. **2026 INFORMS Healthcare Conference**. July 2026, Raleigh, NC.
4. Kheirandish M, Bauer C, Hunyadi J, Tsai A, Cuccaro P, Hong YR, Wells J, **Suk R†**. Local And Neighboring Social Contexts of Statewide VFC Provider Accessibility: A Formative Graph Neural Network Analysis to Inform Future HPV Vaccination Access Research. **The Cancer Prevention Research Conference 2026**. June 2026, Atlanta, GA.
5. **Suk R†**, Kheirandish M, Zhu Y. Fear, Follow-Up, and Coping After HPV-Positive or Abnormal Cervical Cancer Screening Results: A Qualitative NLP Analysis of Reddit Narratives. **The Cancer Prevention Research Conference 2026**. June 2026, Atlanta, GA.
6. **Suk R**, Czerner M†, Kheirandish M, Calderón-Mora J. Standardized BPMN 2.0 Modeling of In-Clinic Cervical Cancer Screening and At-Home HPV Self-Sampling Workflows in an FQHC. **12th Annual Health Services Research Day**. April 2026, Atlanta, GA.
7. **Suk R†**. Heterogeneous treatment effects and cost-effectiveness in ductal carcinoma in situ among older women using causal machine learning: an exploratory analysis of the Surveillance, Epidemiology, and End Results Program. **2026 Southeast Regional Clinical & Translational Science Conference**. March 2026, Pine Mountain, GA.
8. Kheirandish M†, Zhang S, **Suk R**. Decision Support Systems for Health Practitioners: An Interpretable Deep Learning Framework to Navigate Diagnostic Uncertainty. *Invited Podium Presentation. 2025 INFORMS Annual Meeting*. October 2025, Atlanta, GA.
9. Zhu Y, Wang X, **Suk R†**. State-Level Cervical Cancer Incidence Changes in the United States, 2001-2021. **2025 Interdisciplinary Association for Population Health Science (IAPHS) Conference**. September 2025, Pittsburgh, PA.
10. Kheirandish M†, **Suk R**. Predicting Insights into Social Determinants of Treatment Refusal in HPV-Associated Cancer Using Gradient Boosting Classifiers. **47th Annual Meeting of the Society for Medical Decision Making (SMDM)**. June 2025, Ann Arbor, MI.
11. Kheirandish M†, **Suk R**. Machine Learning and SHAP Value Insights into Multi-Level Social Determinants of Treatment Refusal among HPV-Associated Cancer Patients. **Emory Health Services Research Day. 1st Place Poster Award**. May 2025, Atlanta, GA.
12. **Suk R†**, Lin YY, Dilley S, Chandler R, Xiao R, Shao H, Wells J. Survival Outcomes by Treatment Recommendation and Treatment Receipt among Early-Stage Cervical Cancer Patients Aged 65 and Above. **49th Annual Meeting of the American Society of Preventive Oncology (ASPO)**. April 2025, Philadelphia, PA. (*Withdrawn due to travel restrictions*)

13. **Suk R†**, Dilley S, Quan J, Wells J, Thompson E. Assessing Cervical Cancer Screening in Older Age Groups: Adherence Near Age Threshold, Continued Screening Post-Universal Screening, and Self-Reported Reasons for Screening Behaviors, 2019-2021. **49th Annual Meeting of the American Society of Preventive Oncology (ASPO)**. April 2025, Philadelphia, PA. (*Withdrawn due to travel restrictions*)
14. Parker S, Varon M, Calderon-Mora J, Thompson E, Bello R, Niu S, Amboree T, Gongora M, Karns A, Montealegre J, Schear R, **Suk R†**. Statewide Collaboration for Cervical Cancer Elimination: The Cancer Alliance of Texas Approach. **National HPV Conference**. April 2025, Indianapolis, IN.
15. **Suk R†**, Vu M, Zhang A, Tsai AC. Responsiveness of Online Generative AI with Large Language Models in Asian American-Specific Cancer Screening Inquiries. **46th Annual Meeting of the Society for Medical Decision Making (SMDM)**. October 2024, Boston, MA.
16. **Suk R†**, Waters AR, Lee M, Adsul P, Bono MH, Ferrari RM, Nash SH, Odebumni F, Wheeler SB, Mullins M. Understanding Human Papillomavirus (HPV) Awareness and Knowledge by Sexual Orientation and Gender Identity (SOGI) Using HINTS Data. **National LGBTQ Health Conference**, Aug 2024, Atlanta, GA.
17. Waters AR†, Bono MH, Ito Fukunaga M, Masud M, Mullins M, **Suk R**, O’Leary M, Adams S, Ferrari RM, Wangen M, Odebumni O, Nash SH, Spees L, Wheeler SB, Adsul P, Chebli P, Hirschey R, Studts JL, Seaman A, Lee M. LGBTQ+ Cancer: Priority or Lip Service? A Qualitative Content Analysis of LGBTQ+ Considerations in U.S. State, Jurisdiction, and Tribal Comprehensive Cancer Control Plans. [oral presentation] **National LGBTQ Health Conference**, Aug 2024, Atlanta, GA.
18. Vu M†, Zhu Y, Trinh D, Hong YR, **Suk R**. A population-based analysis of awareness and knowledge of HPV and HPV vaccine among Asian American adults by origin groups, 2014-2019. **16th American Association for Cancer Research Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved**, Sep 2023, Orlando, FL.
19. Vu M, Zhu Y†, **Suk R**. Cancer fatalism among Asian American adults by origin group, 2014-2022. **16th American Association for Cancer Research Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved**, Sep 2023, Orlando, FL.
20. Xie Z†, Lee J, **Suk R**, Hong YR. Patterns and reasons for being uninsured among sexual minority adults before and after the Affordable Care Act implementation. **APHA 2023 Annual Meeting and Expo**, Nov 2023, Atlanta, GA.
21. Mobley EM†, Chen G, Edgar L, Pather L, Daly M, Awad ZT, Xie Z, **Suk R**, Hong YR. Medicaid Expansion is Associated with Improved Two-Year Survival and Time to Treatment Initiation in Gastrointestinal Cancer Patients: A National Cancer Data Base Study. **ACS Clinical Congress 2023**. Oral session, Oct 2023, Boston, MA.
22. **Suk R†**, Liao K, Bauer C, Basil C, Li M. HPV Vaccine Administration Trends among Commercially Insured Adults Aged 27-45 Before and After ACIP Recommendation Change in the US, 2007-2020. **35th International Papillomavirus Conference & Basic Science, Clinical Science and Public Health Workshops (IPVC 2023)**, April 2023, Washington DC.
23. Hong YR†, Xie Z, Lee J, Turner K, **Suk R**. Cancer Survivors’ Unmet Healthcare Needs and Emergency Department Utilization during the COVID-19 Pandemic. **APHA 2022 Annual Meeting and Expo**. November 2022, Boston, MN.

24. **Suk R†**, Xie Z, Spencer JC, Lemieux-Cumberlege A, Hong YR. Lesbian, gay, bisexual, and other sexual minority adults in the US and their unmet medical needs and telehealth use due to the COVID-19 pandemic. The 44th **Annual Meeting of the Society for Medical Decision Making (SMDM)**. October 2022, Seattle, WA.
25. Dasari P†, **Suk R**. Life-time cost-effectiveness of Tenecteplase use versus Alteplase use for the treatment of acute ischemic stroke: A microsimulation study. The 44th **Annual Meeting of the Society for Medical Decision Making (SMDM)**. October 2022, Seattle, WA.
26. **Suk R†**, Hong YR. Trend Changes of Birth Cohort Effects in HPV-Associated Cancer Incidence in the United States, 2004-2018. **ASCCP 2022 Scientific Meeting on Anogenital & HPV-Related Diseases**. March 2022, San Diego, CA. [oral presentation].
27. **Suk R†**, Tsai AC. County-Level Income Inequality, Absolute Income, and Cause-Specific Mortality in the US, 1999-2018. The 43rd **Annual Meeting of the Society for Medical Decision Making (SMDM)**. October 2021. [oral presentation]. Virtual meeting.
28. Deshmukh AA†, Damgacioglu H, **Suk R**, Georges D, Sonawane K, Ferlay J, Bray F, Clifford GM. Global Burden of Squamous Cell Carcinoma of the Anus and HIV-Attributable Cases in 2020. **International Anal Neoplasia Society Rapid Research Update Meeting 2021**. June 2021, Virtual meeting [oral presentation].
29. Clarke MA†, Deshmukh AA, **Suk R**, Roberts J, Gilson R, Jay N, Stier EA, Wentzensen N. A Systematic Review and Meta-Analysis of Cytology and Biomarkers for Anal Cancer Screening. **EUROGIN 2021**. May 2021, Virtual meeting [oral presentation].
30. **Suk R†**, Sonawane K, Bauer CX, Lairson DR, Deshmukh AA. Risk of Anal Cancer in Inflammatory Bowel Disease Patients in the US: A Population-Based Study 2008-2018. **Crohn's and Colitis Congress 2021**. January 2021, Virtual meeting.
31. **Suk R†**, Swint JM, Hong YR, Sonawane K, Deshmukh AA. Risks and Patterns of Suicidal Deaths after Cancer Diagnosis By County-Level Socioeconomic and Metropolitan Status in the US, 1992-2016. **The 42nd Annual Meeting of the Society for Medical Decision Making (SMDM)**. October 2020. (Finalist for the Lee. B. Lusted Best Student Presentation Award) (Top-rated Abstracts) Virtual meeting.
32. **Suk R†**, Sonawane K, Deshmukh AA. Risks of Suicidal Deaths after a Cancer Diagnosis by County-level Socioeconomic and Metropolitan Status in the US, 1992-2016. **UTHealth SPHSA Research Day 2020**. April 2020, Houston, TX. (3rd Place Award winner)
33. **Suk R†**, Suk H, Sigel K, Sonawane K, Deshmukh AA. Population-Level HPV Vaccination Coverage among US Adult IBD Patients: Still Not Enough. **Crohn's and Colitis Congress 2020**. January 2020, Austin, TX. (citation: **Gastroenterology** 158(3):S106. doi:10.1053/j.gastro.2019.11.250)
34. **Suk R†**, Suk H, Sonawane K, Deshmukh AA. E-Cigarette and Cigarette Use among US Adult IBD Patients: Population-Level Survey. **Crohn's and Colitis Congress 2020**. January 2020, Austin, TX. (citation: **Gastroenterology** 158(3):S102. doi:10.1053/j.gastro.2019.11.242)
35. Nemutlu GS†, **Suk R**, Chhatwal J, Deshmukh AA. Scaling Up HPV Vaccination to Reduce HPV-associated Anal Cancer Incidence: Model-based Predictions, **INFORMS Annual Meeting 2019**. October 2019, Seattle, WA.

36. Sun SX†, **Suk R**, Kuerer HM, Cantor SB, Deshmukh AA. Cost-effectiveness Analysis of Active Surveillance Compared to Partial Mastectomy Plus Radiation for Ductal Carcinoma In Situ: Is Non-operative management a viable option? **2019 Society of Surgical Oncology Annual Cancer Symposium** [oral presentation]. March 2019, San Diego, CA.
37. **Suk R**†, Deshmukh AA, Sonawane K, Song J, Huo JH. Racial Variation in Myelosuppression Hospitalizations among Inflammatory Bowel Disease Patients. **Crohn's and Colitis Congress 2019**. February 2019, Las Vegas, NV. (citation: **Gastroenterology**. Volume 156, Issue 3, S41. doi:10.1053/j.gastro.2019.01.116)
38. **Suk R**†, Huo J, Sonawane K*, Deshmukh AA*. Gender Difference in the Knowledge Regarding Human Papillomavirus (HPV) and Associated Cancers: HINTS-5. **HINTS Data Users Conference**. September 2018. Bethesda, MD.
39. **Suk R**†, Mahale P, Sonawane K, Sikora AG, Chhatwal J, Schmeler K, Sigel K, Cantor SB, Chiao EY*, Deshmukh AA*. Risk of Second Primary HPV-associated Cancers after Index HPV-associated Cancers. **Panel discussion** in addition to a poster session at **American Society of Clinical Oncology (ASCO) Annual Meeting 2018**. Chicago IL, June 2018. (citation: **Journal of Clinical Oncology**. 2018;36(15_suppl):1520-1520. doi: 10.1200/JCO.2018.36.15_suppl.1520)
40. **Suk R**†, Sonawane K, Chiao EY, Chhatwal J, Sikora AG, Sigel K, Deshmukh AA. Association between HPV- related Cancers and Inflammatory Bowel Disease. **American Society of Clinical Oncology (ASCO) Annual Meeting 2018**. Chicago IL, June 2018. (citation: **Journal of Clinical Oncology**36, no.15_suppl - published online before print. doi: 10.1200/JCO.2018.36.15_suppl.e13576)
41. **Suk R**†, Chen Q, Sikora A, Deshmukh AA. Predicting the Impact of Continued Tobacco Use among Head and Neck Cancer Patients in the US. **The 39th Annual Meeting of the Society for Medical Decision Making (SMDM)**. Pittsburgh, PA, October 2017. (Finalist for the Lee. B. Lusted best student presentation award)
42. Deshmukh AA†, **Suk R**, Sahgal A, Neupane B, Chang E, Brown P, Likhacheva A. Determining Age-specific Optimal Management for Patients Diagnosed with 1 to 4 Brain Metastases. **The 39th Annual Meeting of the Society for Medical Decision Making (SMDM)**. Pittsburgh, PA, October 2017.

TEACHING COURSES

Emory University

- Spring/Summer 2027~ *HCDA612: Health Care Analytics and Health Systems* (Online MS course)
- Course Development *HCDA612: Health Care Analytics and Health Systems* (Online MS in Health course; Summer~Fall 2026)
- Spring 2026 *NRSG-505D: Research & Evidence-Based Practice* (MSN course; Co-Instructor)

The University of Texas Health Science Center at Houston (2021 Fall ~2023 Spring)

- Fall 2022 *PHD3945: Advanced Health Services Research Methods* (PhD-only course; Co-teaching 25% course)
- Spring 2022~2023 *PH3920: Health Services Delivery and Performance* (MPH/PhD; Co-teaching 25% course)

	<i>PH3922</i> : Economic and Social Determinants of Health (MPH/PhD; Co-teaching 33% course)
Spring 2022	<i>PH3999</i> : Independent Study (PhD course; Topic: Microsimulation for Economic Evaluation)
Fall 2021	<i>PHD3935</i> : Advanced Health Economics (PhD-only; Co-teaching 33% course) <i>PH3999</i> : Independent Study (PhD course; Topic: HPV-associated cancer prevention in underserved populations)

MENTORING EXPERIENCE

Postdoctoral Fellow

- Maryam Kheirandish Borujeni, PhD (Emory University, SON Center for Data Science) – Sep 2024~Jul 2026

Research Trainee

- Mackenzie Czerner, BSBA (Georgia Institute of Technology, MS program) – 2026~Present, Health Systems Science Research
- Hyejoong (Marie) Lee, PharmD (The University of Texas at Austin, PhD program) – 2025~2026, Health Economics/Health Services Research
- Jianing Quan, MPH, BSN – 2024~2025, Health Services Research

Academic Advisee

Honors program

- Jaiden Breslaw (Emory University, BSN Honors program) – 2025~Present

Master's program

- Ashley E. Messineo (The University of Texas HSC, MPH program) – 2022~2023 -> Currently a PhD student at UT Austin

Doctorate program

- Nompumelelo O. Mzizi (The University of Texas HSC, PhD program) – 2022~2023

Dissertation/thesis committee

- Jobina Chiow (Emory University, BSN Honors program) – Honors thesis external reviewer, Spring 2024
- Srinivas V. Karra (The University of Texas HSC, PhD program) – PhD dissertation external reviewer, Fall 2021

Qualifying exam committee

- Hyeiyeon Im, MSN, RN (Emory University, School of Nursing) – Committee chair, Summer 2025

Short-Term Research Projects & Mentorship Programs

- Farah Naz Rahman, MBBS (Monash University, PhD program) – 2025~2026, International Papillomavirus Society (IPVS) Mentorship Program

- Jane C. Murphy, PhD, MPH (The University of Alabama at Birmingham, PhD program=>Duke University, T32 Postdoctoral Fellow) – 2025~present, Interdisciplinary Association for Population Health Science (IAPHS) Mentoring Program
- Shaina Sta. Cruz, PhD, MSPH (University of California, Merced, PhD program=>) – 2024~2025, Interdisciplinary Association for Population Health Science (IAPHS) Mentoring Program
- Ha Ngan (Milkie) Vu, PhD (Northwestern University, Assistant Professor) – 2022~2023, Interdisciplinary Association for Population Health Science (IAPHS) Mentoring Program
- Catherine Basil (The University of Texas at Austin, Undergraduate program) – 2022~2023, Social determinants of health research

Independent Study

- Priyadarsini Dasari (The University of Texas HSC, PhD program) – Spring 2022, Microsimulation for Economic Evaluation
- Valda D. Page (The University of Texas HSC, DrPH program) – Fall 2021, HPV-associated cancer prevention among underserved populations

INVITED TALKS/ PANEL DISCUSSIONS & GUEST LECTURES

2026	Invited Presentation, “Using Causal Machine Learning to Inform Cost-Effectiveness and Equity in Cancer Care Decision Making”, 2026 INFORMS Annual Meeting, Nov 2026, San Francisco, CA.
2026	Guest Presentation, “The mentoring moments that shaped my career”, Trainee Mentoring Group, Emory School of Nursing
2026	Invited Talk, The Dartmouth Institute for Health Policy and Clinical Practice, Dartmouth Geisel School of Medicine “Navigating HPV-Associated Cancer Control and Cancer Survivorship Care: Policy, Practice, and Outcomes”
2026	Guest Lecture, “Decision Modeling and Research” Emory University Rollins School of Public Health, Health Policy and Management
2026	Invited Panel, International Papillomavirus Society “Mentorship for Early Career Researchers: What It Really Is — and How to Thrive in It”
2025	Guest Lecture, Yonsei University Graduate School of Public Health (Seoul, Korea) “Decision Modeling for Economic Evaluation and Public Health Policy”
2025	Guest Lecture, “Economic Evaluation and Decision Science” Emory University; <i>NRSG 710: Principles of Health Outcomes Research</i>
2025	Invited Mentor, Mentoring Roundtable for Interdisciplinary Association for Population Health Science (IAPHS) “Navigating Your PhD Program: Strategically Preparing for the Job Market”
2024	Guest Lecture, Yonsei University Graduate School of Public Health (Seoul, Korea) “Modeling Infection-Associated Cancer Prevention for Economic Evaluation and Public Health Policy”

- 2024 Guest Lecture, Yonsei University Graduate School of Public Health (Seoul, Korea)
1) Medical & Pharmaceutical Providers; 2) Medical Quality, Patient Safety & Dispute Resolution-Related Law & Ethics
- 2024 Invited Mentor, Mentoring Roundtable for Interdisciplinary Association for Population Health Science (IAPHS)
“Thinking with the end in mind: navigating your PhD program for a strong future career”
- 2024 Invited Talk, Korean HSR/Health Economics Researchers Group
“Navigating Faculty Application Process: What I Wish I’d Known Earlier”
- 2023 Guest Lecture, Yonsei University Graduate School of Public Health (Seoul, Korea)
1) Medical & Pharmaceutical Providers; 2) Medical Quality, Patient Safety & Dispute Resolution-Related Law & Ethics
- 2023 Invited Talk, Centers for Disease Control and Prevention/National Center for Health Statistics (CDC/NCHS)
“Exploring Area-Level Disparities in Cancer Screening Rates Using the Social Vulnerability Index”
- 2023 Invited Talk, Center for Spatial Temporal Modeling for Applications in Population Sciences (CSMAPS), UTHealth School of Public Health
“How to Identify Research Questions & Fill Research Gaps”
- 2023 Invited Talk, Emory University Nell Hodgson Woodruff School of Nursing
“Multi-Level Social Determinants of Health and HPV-Associated Cancer Prevention in Diverse Population”
- 2023 Invited Talk, UT Southwestern Peter O’Donnell Jr. School of Public Health
“Multi-Level Social Determinants of Health and HPV-Associated Cancer Prevention in Diverse Population”
- 2023 Invited Talk, University of North Carolina – Chapel Hill, Eshelman School of Pharmacy
“Multi-Level Social Determinants of Health and HPV-Associated Cancer Prevention in Diverse Population”
- 2023 Invited Talk, University of Florida, College of Pharmacy
“Multi-Level Social Determinants of Health and HPV-Associated Cancer Prevention in Diverse Population”
- 2023 Invited Talk, Wake Forest University School of Medicine
“Unraveling the Layers: Multi-Level Social Determinants of Health and HPV-Associated Cancer Prevention in Diverse Population”
- 2023 Invited Talk, Weill Cornell Medicine Meyer Cancer Center
“Unraveling the Layers: Multi-Level Social Determinants of Health and HPV-Associated Cancer Prevention in Diverse Population”
- 2023 Invited Talk, MD Anderson Cancer Center ECHO-CCP Lecture, Houston, TX
“Multi-Level Disparities in Cervical Cancer Screening Uptake”
- 2023 Guest Lecture, “Multi-level Social Determinants of Health in Health Disparity Research”, Center for Medical Ethics and Health Policy, Baylor College of Medicine; *MEETH415: Health Policy Analysis*

- 2022 Invited Talk, “How to Survive and Thrive in the Doctoral Program”,
MPACH Doctoral Students Seminar, The University of Texas Health Science Center at
Houston School of Public Health, Houston, TX
- 2022 Invited Talk, Center for Health Systems Research, Policy and Practice, The University of
Texas Health Science Center at Houston School of Public Health, Houston, TX
“Social Determinants of Health and Evidence-Based Practice in HPV-associated Cancer
Prevention”
- 2022 Guest Lecture, “Multi-level Social Determinants of Health in Health Disparity Research”,
Center for Medical Ethics and Health Policy, Baylor College of Medicine; *MEETH415*:
Health Policy Analysis
- 2022 Symposium Speaker, “Incorporating Sexual Orientation and Gender Identity into Medical
Decision Making: Best Practices and Future Opportunities”, 44th Annual Meeting of
Society of Medical Decision Making, Seattle, WA
- 2022 Guest Lecture, “Individual and Ecological Level Social Determinants of Health in Health
Disparity Research”, Center for Medical Ethics and Health Policy, Baylor College of
Medicine; *MEETH415*: Health Policy Analysis
- 2022 Invited Talk, Cancer Prevention and Control Research Network, Social Deprivation
Interest Group, “Understanding Individual and Ecological Level Social Determinants of
Health for Reducing Health Disparities”
- 2022 Invited Talk, Center for Nursing Research (CNR), The University of Texas Health
Science Center at Houston Cizik School of Nursing, Houston, TX
“Understanding Individual and Ecological Level Social Determinants of Health for
Reducing Health Disparities”
- 2021 Invited Talk, Center for Health Promotion and Preventive Research, The University of
Texas Health Science Center at Houston School of Public Health, Houston, TX
“Understanding Socioecological Determinants of Health for Reducing Health
Disparities”
- 2021 Invited Talk, Department of Health Outcomes and Administrative Sciences, Binghamton
University – State University of New York School of Pharmacy and Pharmaceutical
Sciences, Binghamton, NY “Optimizing HPV-associated Cancer Prevention and
Reducing Barriers”
- 2021 Invited Talk, Department of Public Health Sciences, The University of North Carolina at
Charlotte, Charlotte, NC “Optimizing HPV-associated Cancer Prevention and Reducing
Barriers”
- 2021 Guest Lecture, “Parameter Estimation”
The University of Texas HSC at Houston; *PHD3998*: Decision Analysis in Public Health
and Medicine
- 2021 Guest Lecture, “Statistical Methods in Health Economics”
The University of Texas HSC at Houston; *PH3910*: Health Economics
- 2020 Guest Lecture, “Statistical Methods in Health Economics”
The University of Texas HSC at Houston; *PH3910*: Health Economics

2018	Panel Discussion, “System-Based Interventions to Address Secondary Cancer Prevention, Cancer Prevention, Hereditary Genetics, and Epidemiology. The 2018 ASCO Annual Meeting. June 2018, Chicago, IL.
2018	Guest Lecture, “Applied Cost-Effectiveness Analysis” University of Florida; <i>HSA 6436: Health Economics</i>
2004	Invited Talk, Legal Status of Hospital in South Korea and the US. The 2 nd Korea-China Joint Conference on Medicine and Law, Chinese Hospital Association. June 2004, Shenzhen, China

SELECTED MEDIA COVERAGE RELATED TO RESEARCH WORK

- Yahoo Health: “Many millennial women miss cervical cancer screenings. Snooki didn't — and it may have saved her life” (Interviewed)
- Inc.: “How Teal Health Aims to Save Lives With Its At-Home Cervical Cancer Tests”
- CNN: “Finally, a cervical cancer screening that allows women more autonomy” (*JAMA Network Open*, 2022 study featured)
- New York Post: “6 common myths about Pap smears that could put you at risk for cervical cancer”
- Next Avenue: “Why Are So Many Women Over 65 Dying from Cervical Cancer?” (Interviewed)
- Everyday Health: “Cervical Cancer Is on the Rise in Millennial Women” (Interviewed)
- THE HILL: “Cervical cancer kills thousands of women each year. Stigma and silence are impeding efforts to prevent it”
- npr: “LGBTQ+ women face disproportionate rates of mental health issues and barriers to care”
- NCI Cancer Currents: “Why Are Many Women Overdue for Cervical Cancer Screening?” (Interviewed)
- Reuters Health/Medscape: “Guideline-concordant cervical cancer screening rates declining in US” (Interviewed)
- Healio: “Timely cervical cancer screening decreased since 2005, largely due to lack of awareness” (Interviewed)
- ASCO Post: “Study finds guideline-concordant cervical cancer screening dropped from 2005 to 2019 among women in the United States” (Interviewed)
- US News and World Report: “When Cancer Strikes, Who’s at Higher Risk for Suicide?” (Interviewed)
- ASCO Post: “Do patients diagnosed with cancer living in low-income and rural areas face an increased risk of suicide?” (Interviewed)
- CNN: “Anal cancer rates and deaths are climbing in the US, study says”
- NBC/Today: “What are the symptoms of anal cancer? Disease is on the rise in the US.”
- New York Post: “Study shows ‘concerning’ spike in anal cancer among Americans”
- Fox: “Anal cancer cases and deaths are rising significantly in the US, study finds”
- NBC: “Most adults unaware of link between HPV and oral, penile, and anal cancers”
- The Philadelphia Inquirer (also via Chicago Tribune): “Americans continue to be ignorant or indifferent about the cancer-preventing HPV vaccine”
- US News and World Report: “Most Americans in the dark about cancer-causing HPV, survey finds”
- Popular Science: “Most people don’t know the true dangers of HPV”
- Healio: “More than 70% of US adults are not aware of HPV cancer risks”
- MEDPAGE/ASCO Reading Room: “Incidence of second primary HPV-associated cancers found significant: persistent HPV infection at multiple sites may be responsible”
- GE Healthcare: “Second HPV-related primary cancers common in survivors”
- ASCO Post: “Risk of Second HPV-associated Cancer among Survivors of HPV-Associated cancers”
- MDedge: “Racial disparities uncovered in IBD-related myelosuppressive hospitalizations”

- CNN: “One in nine American men has oral HPV, study finds”
- CNN: “1 in 9 men have oral HPV, but we fix this”
- New York Times: “7 million American men carry cancer-causing HPV virus”
- TIME: “1 in 9 men have oral HPV”
- Forbes: “Men found six times more likely than women to have highest risk HPV infection”
- CBS News: “1 in 9 American men are infected with oral HPV”
- NBC Nightly News: “A silent epidemic of cancer is spreading among men”
- The Philadelphia Inquirer: “HPV is causing an oral cancer epidemic in men by outwitting natural defenses”

PROFESSIONAL SOCIETY/ORGANIZATION MEMBERSHIPS

Member, HPV Vaccination Roundtable of the Southeast, Elimination Implementation Team, 2025 – Present

Member, HPV CancerFree GA Workgroup, 2024 – Present

Member, INFORMS, 2025 – Present

Member, International Papillomavirus Society (IPVS), 2022 – Present

Member, Cancer Prevention and Control Research Network (CPCRN), 2022 – Present

Member, Cancer Alliance of Texas (CAT), 2021 – Present

Member, Interdisciplinary Association for Population Health Science (IAPHS), 2021 – Present

Member, Society for Medical Decision Making (SMDM), 2017 – Present

Member, American Society of Clinical Oncology (ASCO), 2017 – 2022

Member, Society for Epidemiologic Research (SER), 2020 – 2022

Member, The American Society of Law, Medicine & Ethics, 2016 – 2021

Member, The Korean Society of Law and Medicine, 2002 – Present

Reviewer

Ad-hoc manuscript reviewer:

Annals of Internal Medicine/ The American Journal of Gastroenterology/ JAMA Network Open/ JAMA Health Forum/ JAMA Otolaryngology-Head & Neck Surgery/ JAMA Internal Medicine/ Journal of the National Comprehensive Cancer Network/ Pharmacoeconomics/ European Journal of Cancer Care/ Gynecologic Oncology/ BMJ Open/ Medical Care/ Preventive Medicine Reports/ PLOS One/ Cancers/ Nutrients/ Korean Journal of Law and Medicine/ Vaccines/ Cancer Epidemiology, Biomarkers & Prevention/ Women’s Health Issues/ Social Science & Medicine – Mental Health/ Journal of Women’s Health/ Annals of LGBTQ Public and Population Health

Abstract reviewer:

Society for Medical Decision Making (SMDM) 39th ~ 49th Annual North American Meeting, 2017-2026/ Society for Medical Decision Making (SMDM) 17th, 18th Biennial European Conference, 2018-2020/ Interdisciplinary Association for Population Health Science (IAPHS) 2021-2026/ Society for Epidemiologic Research (SER) 2021-2022/ International Papillomavirus Conference (IPVC) 2024-2025/ National HPV Conference (NHPV) 2024

Other Professional/Academic services

- Chair for Abstract Contributed Session – Health Care/Services Session, 2024 Interdisciplinary Association for Population Health Science (IAPHS) Conference, 2024.
- Lee Lusted Award Judge, The Society for Medical Decision Making (SMDM) Annual Meeting, 2022~24
- Social Media Chair, The 44th Society for Medical Decision Making (SMDM) Annual Meeting, 2022.

- Mentoring Program Facilitator for Women in Academia, Society for Epidemiologic Research (SER), 2021~22
- Translating COVID-19 prevention messages for Great Houston Area, The University of Texas HSC at Houston, 2020.

PREVIOUS INSTITUTIONAL SERVICES

2022 – 2023	Co-host, MPACH Doctoral Students Seminar, Department of Management Policy and Community Health The University of Texas HSC at Houston (Houston, TX, US)
2021 – 2023	Admissions Committee (PhD & MPH students), Department of Management Policy and Community Health The University of Texas HSC at Houston (Houston, TX, US)
2022 – 2023	Faculty Search Committee (2 tenure-track positions), Department of Management Policy and Community Health The University of Texas HSC at Houston (Houston, TX, US)

ADDITIONAL INFORMATION

Statistical & Modeling Software

Proficient: SAS, Stata, TreeAge, SEER*Stat
Intermediate: Python, R

Languages

English and Korean (Native bilingual proficiency)

Status

U.S. Permanent Resident