

**Ryan Suk PhD, MS**

*(she/they)*

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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 (*Transferred after completing the qualifying examination due to the advisor's  
transition 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),  
Emory University, Nell Hodgson Woodruff School of Nursing (Atlanta, GA, US)
- Assistant Professor (Joint Appointment, *from June 2024*)  
Department of Health Policy and Management  
Emory University, Rollins School of Public Health (Atlanta, GA, US)
- Member,  
Winship Cancer Institute, Emory University  
(Cancer Prevention and Control Program)
- Member,  
Center for Data Science, Emory NHWSN
- 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,  
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)

**EXTERNAL PROFESSIONAL SERVICES**

2024 – Present      Development Committee  
Society for Medical Decision Making (SMDM)

2023 – Present      Co-Chair, Q+ Affinity Group (LGBTQ+ Affinity Group)  
Society for Medical Decision Making (SMDM)

2023 – Present      Co-Chair, LGBTQ+ Workgroup  
Cancer Prevention and Control Research Network (CPCRN)

2022 – Present      Career Development Committee  
Society for Medical Decision Making (SMDM)

2021 – Present      Professional Development Committee/ Committee Liaison/ Communication  
Committee  
Interdisciplinary Association for Population Health Science (IAPHS)

2022 – 2023      Membership Committee  
Cancer Alliance of Texas (CAT)

2024      Chair for Abstract Contributed Session – Health Care/Services Session  
2024 Interdisciplinary Association for Population Health Science (IAPHS)  
Conference

2022      Social Media Chair  
The 44<sup>th</sup> Society for Medical Decision Making (SMDM) Annual Meeting

2022, 2023

Lee Lusted Award Judge  
The Society for Medical Decision Making (SMDM) Annual Meeting

### **RESEARCH AND TEACHING INTERESTS**

- Cost-Effectiveness Analysis (CEA)/ Decision Model
- Population-based Large Scale Data Analysis/ Real-World Evidence
- Distributional CEA for Reducing Health Disparities
- HPV-associated Cancer Prevention and Control
- Multi-level Social Determinants of Health; Social Vulnerability Index
- Underrepresented Populations in Cancer Prevention Research/ LGBTQIA+ Health
- AI-Driven Tool for Cancer Prevention and Control

### **HONORS AND AWARDS**

- Top reviewer for 2023, *JAMA Network Open*
- Selected trainee for the 3rd Annual SGM Cancer CARE Workshop (NIH1R25CA240113, 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, 3<sup>rd</sup> 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**

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: 04/16/2023 – 08/13/2023

Amount: \$200,000

#### **Under review/Pending**

Title: Research Scholar Grants “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  
Sponsor: American Cancer Society

### **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. Xie Z<sup>^</sup>, 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. *In-press*
2. Gu N\*, Elsisi Z\*, **Suk R**, Li M<sup>^</sup>. 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
3. **Suk R**<sup>^</sup>, 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
4. Vu M, Zhu Y, Trinh DD, Hong YR, **Suk R**<sup>^</sup>. 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**. 2023. doi: 10.1007/s11606-023-08485-w
5. Mobley EM<sup>^\*</sup>, 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. doi: 10.1002/jso.27456.
6. Yadav S, Turner K, Xie Z, Chen G, Islam J, **Suk R**, Hong YR<sup>^</sup>. 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
  7. Hong YR, Xie Z, Lee J, Turner K, **Suk R**<sup>^</sup>. 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
  8. **Suk R**<sup>^</sup>, 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
  9. Sannegowda R, Villalba K, **Suk R**, Gurnurkar S, Wasserman RM<sup>^</sup>. 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
  10. **Suk R**<sup>\*</sup>, White DL<sup>\*</sup>, Knights S, Nijhawan A, Deshmukh AA<sup>\*</sup>, Chiao EY<sup>\*^</sup>. 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
  11. Bauer C, Zhang K, Xiao Q, Lu J, Hong YR, **Suk R**<sup>^</sup>. 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
  12. 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*.
  13. Hong YR<sup>^</sup>, 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
  14. Hong YR<sup>^</sup>, 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
  15. Xie Z, Chen G, **Suk R**, Dixon B, Jo A, Hong YR<sup>^</sup>. 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
  16. **Suk R**<sup>^</sup>, 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

17. 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
18. 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
19. **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
20. 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
21. 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
22. 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
23. 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
24. 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
25. **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
26. 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
27. 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

28. **Suk R**, Mahale P, Sonawane K, Sikora A, Chhatwal J, Schmeler K, Sigel K, Cantor SB, Chiao EY\*, Deshmukh AA\*<sup>^</sup>. 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
29. Sonawane K, **Suk R**, Chiao EY, Chhatwal J, Qiu P, Wilkin T, Nyitray AG, Sikora A, Deshmukh AA<sup>^</sup>. 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
30. **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

\* Authors with equal contribution

<sup>^</sup> Corresponding author

1. Waters AR, Bono MH, Ito Fukunaga M, Masud M, Mullins M, **Suk R**, O’Leary M, Adams S, Ferrari RM, Wangen M, Odeunmi 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. (Revise & resubmit)

### SELECTED ABSTRACTS AND PRESENTATIONS

\* Authors contributed equally to this work

‡ Presenting author

1. 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**, To be presented in Sep 2023, Orlando, FL.
2. 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**, To be presented in Sep 2023, Orlando, FL.
3. 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**, To be presented in an oral session, Nov 2023, Atlanta, GA.
4. 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**. To be presented in an oral session, Oct 2023, Boston, MA.
5. **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. **35<sup>th</sup> International Papillomavirus Conference & Basic Science, Clinical Science and Public Health**

**Workshops (IPVC 2023)**, April 2023, Washington DC.

6. 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.
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. The 44<sup>th</sup> **Annual Meeting of the Society for Medical Decision Making (SMDM)**. October 2022, Seattle, WA.
8. 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 44<sup>th</sup> **Annual Meeting of the Society for Medical Decision Making (SMDM)**. October 2022, Seattle, WA.
9. **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].
10. **Suk R**†, Tsai AC. County-Level Income Inequality, Absolute Income, and Cause-Specific Mortality in the US, 1999-2018. The 43<sup>rd</sup> **Annual Meeting of the Society for Medical Decision Making (SMDM)**. October 2021. [oral presentation]. Virtual meeting.
11. 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].
12. 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].
13. **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.
14. **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 42<sup>nd</sup> 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.
15. **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. (3<sup>rd</sup> Place Award winner)
16. **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)
17. **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)

18. 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.
19. 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.
20. **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)
21. **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.
22. **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)
23. **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)
24. **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 39<sup>th</sup> Annual Meeting of the Society for Medical Decision Making (SMDM)**. Pittsburgh, PA, October 2017. (Finalist for the Lee. B. Lusted best student presentation award)
25. 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 39<sup>th</sup> Annual Meeting of the Society for Medical Decision Making (SMDM)**. Pittsburgh, PA, October 2017.

## **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*.

## **TEACHING COURSES**

The University of Texas Health Science Center at Houston

Fall 2022	<i>PHD3945</i> : Advanced Health Service Research Methods (Co-teaching effort: 25%)
Spring 2022~2023	<i>PH3920</i> : Health Services Delivery and Performance (Co-teaching effort: 25%) <i>PH3922</i> : Economic and Social Determinants of Health (Co-teaching effort: 33%)
Spring 2022	<i>PH3999</i> : Independent Study (Topic: Microsimulation for Economic Evaluation)
Fall 2021	<i>PHD3935</i> : Advanced Health Economics (Co-teaching effort: 33%) <i>PH3999</i> : Independent Study (Topic: HPV-associated cancer prevention in underserved populations)
Spring 2020	<i>Methodology Seminar Course</i> : Practical Cancer Registry Research Methods (Students developed a <a href="#">final class paper for publication</a> . Lin Y*, Damgacioglu H*, <b>Suk R</b> , 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.)

## **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)

## **MENTORING**

### **Academic Advisor**

#### **Doctorate program**

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

#### **Master's program**

- Ashley E. Messineo (The University of Texas HSC, MPH program) – 2022~2023

### **Independent Study**

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

### **Dissertation/Thesis**

- Srinivas V. Karra (The University of Texas HSC, PhD program) – PhD dissertation external reviewer, Fall 2021

### **Research Projects & Other Mentorship Programs**

- Ha Ngan (Milkie) Vu, PhD (Northwestern University, Assistant Professor) – 2022~2023, Interdisciplinary Association for Population Health Science (IAPHS) Mentorship
- Catherine Basil (The University of Texas Austin, Undergraduate program) – 2022~Present, Social determinants of health research

### **INVITED TALKS/ PANEL DISCUSSIONS & GUEST LECTURES**

- 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, 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”, 44<sup>th</sup> Annual Meeting of Society of Medical Decision Making, To be held in 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; *HSA 6436: Health Economics*
- 2004 Invited Talk, Legal Status of Hospital in South Korea and the US. The 2<sup>nd</sup> Korea-China Joint Conference on Medicine and Law, Chinese Hospital Association. June 2004, Shenzhen, China

## **SELECTED MEDIA COVERAGE RELATED TO RESEARCH WORK**

- NCI Cancer Currents: “Why Are Many Women Overdue for Cervical Cancer Screening?”
- Reuters Health/Medscape: “Guideline-concordant cervical cancer screening rates declining in US”
- Healio: “Timely cervical cancer screening decreased since 2005, largely due to lack of awareness”
- ASCO Post: “Study finds guideline-concordant cervical cancer screening dropped from 2005 to 2019 among women in the United States”
- US News and World Report: “When Cancer Strikes, Who’s at Higher Risk for Suicide?”
- ASCO Post: “Do patients diagnosed with cancer living in low-income and rural areas face an increased risk of suicide?”
- 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”

## **SOCIETY/ORGANIZATION MEMBERSHIPS**

Member, International Papillomavirus Society (IPVS), 2022 – Present  
Member, Cancer Prevention and Control Research Network (CPCRN), LGBTQ+ Workgroup, Social Deprivation Group, 2022 – Present  
Member, Cancer Alliance of Texas (CAT) (Cervical cancer screening Workgroup, Disparities Priority Area Workgroup), 2021 – Present  
Member, Interdisciplinary Association for Population Health Science (IAPHS), 2021 – Present  
Member, Society for Epidemiologic Research (SER), 2020 – 2022  
Member, Society for Medical Decision Making (SMDM), 2017 – Present  
Member, American Society of Clinical Oncology (ASCO), 2017 – 2022  
Member, The American Society of Law, Medicine & Ethics, 2016 – Present  
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/ 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

### **Abstract reviewer:**

Interdisciplinary Association for Population Health Science (IAPHS) 2021-2023/ Society for Epidemiologic Research (SER) 2021-2022/ Society of Medical Decision Making (SMDM) 39<sup>th</sup>, 40<sup>th</sup>, 41<sup>st</sup>, 42<sup>nd</sup>, 43<sup>rd</sup>, 44<sup>th</sup>, 45<sup>th</sup> Annual North American Meeting, 2017-2022/ Society of Medical Decision Making (SMDM) 17<sup>th</sup>, 18<sup>th</sup> Biennial European Conference, 2018-2020

## **Other Professional/Academic services**

- Mentoring Program Facilitator for Women in Academia, Society for Epidemiologic Research (SER), 2021 – 2022
- Hosting writing retreats and writing support in a global academic community dedicated to diversity and inclusion, “I Should be Thriving: Advancing Gender/Ethnic/Class Minorities in Academia”, April 2020-Present.
- Translating COVID-19 prevention messages for Great Houston Area, The University of Texas HSC at Houston, 2020.

## **SKILLS**

### **Statistical & Modeling Programs**

Proficient: SAS, Stata, TreeAge, SEER\*Stat  
Basic: R, NetLogo

### **Languages**

English and Korean (Native bilingual proficiency)