**CURRICULUM VITAE**

**ASHISH A. DESHMUKH, PHD, MPH**

**Address:**  Cancer Control Program

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**EDUCATION AND TRAINING**

**Postdoctoral Training**

2014 – 2016The University of Texas MD Anderson Cancer Center, Houston, TX

Janice Davis Gordon Memorial Postdoctoral Fellow in Clinical Decision Science, Cancer Prevention Research Training Program and Health Services Research

**Graduate**

2010 – 2014 UTHealth School of Public Health, Houston, TX

Ph.D., Public Health / Health Economics

2008 – 2010 Texas A&M School of Public Health, College Station, TX

M.P.H., Health Policy and Management

**Undergraduate**

2003 – 2007 Pune University, Nashik, India

B.S., Pharmacy

**PROFESSIONAL EXPERIENCES**

**Academic/Research/Leadership**

08/2022 – present Associate Professor (Tenured), Department of Public Health Sciences, Medical University of South Carolina (MUSC), Charleston, SC

08/2022 – present AT&T SmartState Distinguished Endowed Chair in Cancer Equity, Medical University of South Carolina (MUSC), Charleston, SC

08/2022 – present Co-leader, Cancer Control Program, Hollings Cancer Center, Medical University of South Carolina (MUSC), Charleston, SC

06/2025 – present Co-director, Population Health and Data Science, Center for Healthy Aging

Medical University of South Carolina (MUSC), Charleston, SC

08/2022 – present Co-Director, Clinical Analytics & Decision Science (CADSci) Lab at the Medical University of South Carolina (MUSC), Charleston, SC

08/2022 – present Member, Cancer Control Program, Hollings Cancer Center, Medical University of South Carolina (MUSC), Charleston, SC

08/2022 – present Co-Director, Consortium for Infection-Driven Malignancies Research in Minorities—MUSC and University of Puerto Rico collaboration, Charleston, South Carolina and San Juan, Puerto Rico

09/2021 – 08/2022 Associate Professor (Tenured), Department of Management, Policy and Community Health (MPACH), UTHealth School of Public Health, Houston, TX

11/2020 – 08/2022 Associate Director, Center for Health Services Research (CHSR), UTHealth School of Public Health, TX

11/2020 – 08/2022 Co-Director, Clinical Analytics & Decision Science (CADSci) Lab at UTHealth School of Public Health, Houston, TX

07/2018 – 08/2022 Member, Center for Health Services Research, UTHealth School of Public Health, Houston, TX

07/2018 – 08/2021 Assistant Professor (Tenure Track), Department of Management, Policy and Community Health (MPACH), UTHealth School of Public Health, Houston, TX

08/2016 – 06/2018 Assistant Professor (Tenure Track), Health Services Research, Management and Policy, College of Public Health and Health Professions, University of Florida, Gainesville, FL

08/2016 – 06/2018 Affiliate Member, University of Florida Cancer Center, University of Florida, Gainesville, FL

03/2013 – 07/2014 Graduate Research Assistant, Department of Health Services Research, Division of Cancer Prevention and Population Sciences, The University of Texas MD Anderson Cancer Center, Houston, TX

12/2011 – 02/2013 Graduate Research Assistant, Department of Biostatistics, The University of Texas MD Anderson Cancer Center, Houston, TX

10/2010 – 11/2011 Graduate Research Assistant, Center for Health Services / Institute for Health Policy, UTHealth School of Public Health, Houston, TX

**ACADEMIC COLLABORATIONS**

2020 – Present Partner, HIV/AIDS Cancer Match (HACM) Registry, Infections and Immunoepidemiology Branch, Division of Cancer Epidemiology & Genetics, National Cancer Institute, Bethesda, MD

2019 – Present Member, Malignancy Working Group, The North American AIDS Cohort Collaboration on Research and Design (NA-ACCORD), consortium based at Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

**HONORS AND AWARDS**

2022 Outstanding reviewer of 2021, *Annals of Internal Medicine*

2022 Plenary Speaker, 18th International Conference on Malignancies in HIV/AIDS, National Cancer Institute. (Topic: Anal cancer: Epidemiology, Contribution of HIV, and Modeling to Guide Cost-effectiveness of Screening)

2021 Research Faculty Mentor-Mentee Award for 2021 (Dr. David R. Lairson [Mentor]). UTHealth School of Public Health, Houston, TX

2021 Publication (Sonawane et al. *JAMA Network Open*. 2021 [Role: Senior Author]) featured in the National Cancer Institute’s Cancer Current Blog: [Despite Proven Safety of HPV Vaccines, More Parents Have Concerns](https://www.cancer.gov/news-events/cancer-currents-blog/2021/hpv-vaccine-parents-safety-concerns).

2021 Outstanding reviewer of 2020, *Annals of Internal Medicine*

2019 Publication (Deshmukh et al. *JNCI*. 2019) featured in the National Cancer Institute’s Cancer Current Blog: [Anal Cancer Incidence and Deaths Are Rising in the United States](https://www.cancer.gov/news-events/cancer-currents-blog/2019/anal-cancer-incidence-mortality-rise).

2019 Publication (Deshmukh et al. *JNCI*. 2019): Fourth most shared *JNCI* article of 2019; Also, selected as Editor’s Choice study

2019 Plenary Speaker, 17th International Conference on Malignancies in HIV/AIDS, National Cancer Institute. Lister Hill Center Auditorium, National Library of Medicine, NIH (Topic: Recent Trends in Anal Cancer Incidence: Implications for Prevention Using Disease Simulation Modeling)

2016 The Thomas H. and Mayme P. Scott Fellowship in Cancer Research for 2016, The University of Texas MD Anderson Cancer Center, Houston, TX

2016 Outstanding Postdoctoral Trainee in Cancer Prevention for 2016, The University of Texas MD Anderson Cancer Center, Houston, TX

2015 Lee B. Lusted best student presentation award in Health Services, Outcomes and Policy Research, The 37th Annual Meeting of the Society for Medical Decision Making, St. Louis, Missouri, 2015 (Topic: Value of addition of HPV vaccination to anal precancerous lesion treatment in older MSM: do we need further evidence?)

2015 Finalist, Lee B. Lusted best student presentation award in Applied Health Economics, The 37th Annual Meeting of the Society for Medical Decision Making, St. Louis, Missouri, 2015. (Topic: Adjuvant HPV vaccination in older HIV-positive men who have sex with men for the prevention of anal cancer: long-term clinical and economic benefits)

2014 Finalist, Lee B. Lusted best student presentation award in Applied Health Economics, The 36th Annual Meeting of the Society for Medical Decision Making, Miami, Florida, 2014. (Topic: Clinical effectiveness and cost-effectiveness of quadrivalent human papillomavirus vaccination in HIV-negative men who have sex with men to prevent recurrent high-grade anal intraepithelial neoplasia)

2013 Second prize, ISPOR Quiz Competition, ISPOR 18th Annual International Meeting, New Orleans, LA

2011 Competitive academic scholarship, Department of Management Policy & Community Health, UTHealth School of Public Health, Houston, TX

2010 Fred W. Dollar competitive academic scholarship, Texas A&M University, College Station, TX

**RESEARCH AND OTHER EXTERNAL SUPPORT**

**Active** (total costs)

R01CA232888 $2,031,197 Mar 2019 – Apr 2024 (NCE)

**Optimizing Age-based Anal Cancer Screening among People Living with HIV using Decision Analytic Modeling.**

Role: PI

Project summary: The objective of this study is to optimize cancer screening algorithms for the prevention of anal cancer among HIV+ men and women. Towards this end, we will develop and validate a mathematical model of anal cancer natural history and treatment that will accurately determine the optimal use of screening tailored to this population. Our results will inform age-specific risk-targeted anal cancer screening regimen to maximize survival and quality of life of HIV+ men and women.

R01CA256660 $4,354,448 Sep 2021 – Aug 2026

**The Effectiveness of Screening Women with Lower Genital Tract Neoplasia or Cancer for Anal Cancer Precursors**

Role: mPI (Keith Sigel, Ashish A. Deshmukh, Elizabeth Y. Chiao)

Anal cancer incidence is rapidly rising in women and preventive measures such as screening have received little study in this group. Therefore, we will conduct a prospective, longitudinal study evaluating screening modalities for anal cancer precursors women with a history of lower genital tract neoplasia or cancer to determine the performance and acceptability of different screening tests and strategies as well as define the natural history of the disease. These data will be used to inform a decision analysis to assess the overall benefits, harms and costs of screening.

R01CA1270432 $4,045,303 Sep 2023 – Aug 2028  
**The effectiveness, cost-effectiveness, and budget impact of interventions to improve the delivery of cervical cancer screening in Puerto Rico.**Role: mPI (Ashish A. Deshmukh and Ana Patricia Ortiz)  
Project summary: Cervical cancer incidence has increased in Puerto Rico in recent years. This study will evaluate the impact of patient reminders, patient navigators, and self- collection on cervical cancer screening and follow-up care among Puerto Rican women. To inform the future broad-scale implementation of the most effective approaches, we will also identify factors influencing the use of these strategies and determine their cost-effectiveness and budget impact.

R01CA285343 $4,083,919 July 2023 – Jun 2028   
**Optimizing Treatment of Prostate Cancer in Men Living with HIV**Role: mPI (Keith Sigel, Ashish A. Deshmukh, Elizabeth Chiao)   
Project summary: This project will determine the impact of HIV, HIV-related immune dysfunction, premature aging and ART on prostate cancer outcomes and use these data to inform a decision analysis comparing treatment.

P30CA13813 $15,789,015 Apr 2024 – Mar 2029   
**Medical University of South Carolina – Cancer Center Support Grant  
Role:** Co-leader, Cancer Control Program   
**PI:** Raymond DuBois   
Project summary: The purpose of this grant is to support the ongoing research infrastructure, research programs, shared resources, developmental funds and administration of the Hollings Cancer Center at the Medical University of South Carolina (MUSC HCC) in order to ensure the development of more effective approaches to cancer control, diagnosis, and therapy.

R01CA232892 $537,633 Sep 2018 – Aug 2023

**Determining the accuracy of self- and partner anal exams for detecting anal abnormalities.**Role: Site PI

PI: Alan G. Nyitray (Medical College of Wisconsin)

Project summary: The goal of this study is to decrease morbidity and mortality from anal cancer. Men who have sex with men in Houston and Chicago will perform a clinician-taught self-anal exam or partner anal exam to detect perianal and anal canal abnormalities. The individual’s self-anal exam and partner anal exam will then be compared with a clinician’s exam to determine the sensitivity and specificity of the lay exam for detecting abnormalities. The UTHealth team will evaluate cost-effectiveness of alternative anal cancer screening strategies under evaluation in the trial.

R01MD013715 $405,853 Jan 2020 – Dec 2024

**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**

Role: Site PI

PI: Jane R. Montealegre (Baylor College of Medicine)

Project summary: We propose to conduct a randomized controlled trial to compare the effectiveness of three outreach interventions to increase primary screening participation and clinical follow-up among underscreened women ages 30-65 years in a safety net health system. The three study arms are: 1) telephone recall; 2) telephone recall with mailed self-sample HPV testing kits and 3) telephone recall with mailed self- sample HPV testing kits and patient navigation. The UTHealth team will evaluate the effectiveness and cost-effectiveness of mailed self-sample cervical HPV testing alone or in combination with patient navigation.

R01CA232890 $172,217 Dec 2018 – Nov 2024

**The Effectiveness of High-Resolution Microendoscopy (HRME) for High-grade Intraepithelial Lesions (HSIL) Among People Living with HIV.**

Role: Site PI

PI: Elizabeth Y. Chiao (MD Anderson Cancer Center)

Project summary: Squamous cell cancer of the anus (SCCA) is one of the most common cancers among HIV-infected individuals in the United States. Current SCCA prevention and anal high-grade squamous intraepithelial lesion (HSIL) screening programs are highly resource and training intensive. The development of novel, cost-effective, optical biopsy approaches for the identification of HSIL/early SCCA offers significant opportunities for improving SCCA prevention in HIV-infected individuals.

G08LM014413 $447,823 Sep 2024 – Aug 2027  
**A Health Disparities Visualization Tool for Informing Cancer Prevention and Control Efforts**Role: Co-Investigator  
PI: Kalyani Sonawane   
Project summary: This project will develop an interactive web-based tool and a toolkit for community organizations to communicate cancer disparities data in an easy-to-comprehend visual framework.

**Mentor/Mentoring Committee**

American Cancer Society (IRG) July 2023 – present  
**Evaluation of multimorbidity, functional status, and financial toxicity among oropharyngeal cancer survivors**

Role: Mentor

PI: Haluk Damgacioglu, PhD

Project summary: Oropharyngeal cancer burden is rising rapidly among older adults. This project will determine multimorbidity, functional status, and financial toxicity among older adults diagnosed with oropharyngeal cancer in the United States.

NIMHD Sept 2021 – present  
**Harnessing Big Data to Identify Geographic Clusters of Low-income children with Poor HPV Vaccination Rates**

Role: Mentoring team   
PI: Kalyani Sonawane

Project summary: This project will utilize state-of-the-art data mining techniques to determine area-level HPV vaccination rates, will implement geospatial approaches to identify hotspots of poor HPV vaccination rates, and will disseminate evidence-based resources for improving HPV vaccination rates. The long-term goal of this project is to increase the HPV vaccination rates among low-income children and adolescents to reduce HPV-associated cancer disparities.

P30CA138313-15S1 Aug 2023 – present

**An Equity Focused Intervention to Improve Utilization in Guideline Concordant Extended Venous Thromboembolism Prophylaxis After Major Cancer Surgery**

Role: Mentoring team

PI: Thomas Curran

Project summary: While blood clots after major cancer surgery are common and harmful to patients, the medications available to decrease blood clot risk are seldom used. Blood clots may play a role in observed racial disparities for cancer patients though little is known about this. We will perform a multi-faceted educational intervention to improve surgeon and patient use of these medications to reduce the risk of blood clots after major cancer surgery and potentially reduce disparities in cancer outcomes.

K99/R00 HG011491 May 2020 – Aug 2021

**An ELSI-Integrated Evaluation of the Family-Level Utility of Pediatric Genomic Sequencing**

Role: Mentoring team

PI: Hadley Smith

Project summary: This research will develop an empirically informed framework of normative values important to families of pediatric patients, including ethical, legal, and social implications (ELSI). The results of this work will lead to a measure of family utility that integrates ELSI and can be used in a decision analytic model to assess the impact of genomic sequencing and the importance of including family- level ELSI considerations in such analyses.

**Pending grants**

R01CA290017 $3,772,464 Sept 2024 – Aug 2029  
**Optimizing Treatment for Human Papillomavirus-Associated Oropharyngeal Cancer in the Older Adults**   
Role: mPI (Ashish Deshmukh, Evan Graboyes)

Scored: 8th percentile   
Project Summary: The objective of this study is to advance treatment for oropharyngeal cancer among older adults. Towards this objective, we will evaluate treatment-related outcomes (adverse events, oncologic outcomes, and quality of life) in association with age and multimorbidity among patients with oropharyngeal cancer and integrate these inputs into a novel microsimulation model of oropharyngeal cancer prognosis and survivorship to perform comparative effectiveness analyses. Our results will optimize oropharyngeal cancer treatment among the elderly by reducing treatment toxicities and maximizing survival and quality of life.

P30CA13813 Supplement $ $499,467 Sept 2024 – Mar 2026  
**Impact of Aging and Multimorbidity on Anal and Cervical Cancer Epidemiology and Screening Outcomes among People with HIV**PI: Raymond DuBois   
Role: Co-leader (Ashish A. Deshmukh, Kalyani Sonawane)   
Project summary: People with HIV are aging, and an increasing proportion of individuals are living with multimorbidity. The proposed project will evaluate the impact of aging and multimorbidity on anal and cervical cancer epidemiology among people with HIV. The findings will be incorporated into a mathematical modeling framework to measure the harms and benefits of screening for anal and cervical cancer among people with HIV in the context of aging and multimorbidity.

P30CA13813 Supplement $ $99,994 Sept 2024 – Mar 2026

**Disaggregating Rural HPV Vaccination Data and Identifying the Factors Associated with Vaccine Uptake in US Regions**

Role: Co-Investigator

PI: Raymond DuBois; Project leader: Kalyani Sonawane

Project Summary:. This project will utilize state-of-the-art data analytics and geospatial approaches to disaggregate rural HPV vaccination data and measure within-group heterogeneity in rural areas in the nation. We will also examine factors associated with HPV vaccination that will facilitate the development and implementation of tailored interventions to tackle the suboptimal HPV vaccination rates in rural US communities.

P30CA13813 Supplement $ $99,888 Sept 2024 – Mar 2026

**Cancer Prevention Care Among Adolescent and Young Adult Cancer Survivors in a Rural, Undeserved, and Medicaid non-expansion State**

Role: Co-Investigator

PI: Raymond DuBois; Project leader: Kalyani Sonawane

Project Summary: The proposed project aims to evaluate adherence to cancer prevention guidelines (human papillomavirus (HPV) vaccination and cervical cancer screening) among adolescent and young adult (AYA) cancer survivors in a highly rural, underserved, and non-Medicaid expansion state and identify opportunities for optimizing cancer prevention care delivery to cancer survivors.

R01CA300214 $3,748,067 Sep 2024 – Aug 2029  
**Addressing Cancer Screening Inequities in Persistent Poverty Communities through Data Informed Place-Based Community-Engaged Approaches**Role: Co-Investigator  
PI: Kalyani Sonawane  
Project summary: Individuals living in persistent poverty counties (PPCs), especially rural and underserved PPCs, have limited access to cancer screening services, which is contributing to late-stage diagnosis and disproportionate cancer mortality in PPCs. The proposed project aims to advance cancer screening equity in rural and underserved persistent poverty areas through data integration and sharing, stakeholder partnerships, and community outreach.

GRANT14007773 $3,342,146 July 2024 – Aug 2029   
**ENabling the Genomics leArning health system to support GEnomics for all in South Carolina: ENGAGE-SC**  
Role: Co-Investigator   
PI: Caitlin Allen   
Project Summary: There is a strong need to build evidence about best practices for implementing genomics enabled learning health system infrastructure within minority and underserved populations and across resource limited settings.

GRANT14021569 $1,337,070 July 2024 – Aug 2027   
**Using Real-World Data to Abstract Socio-Behavioral and Cancer Care Data   
Role:** Co-Investigaotor   
PI: Paul Heider   
Project Summary: We propose to create three new datasets including unstructured clinical notes annotated for concepts relevant to cancer care (Aim 1) to train and evaluate a comprehensive suite of open-source and freely available NLP and ML tools (Aim 2) to augment data for rich modeling dashboards, enabling the identification of disparities and variations across cancer cohorts along socio-behavioral lines (Aim 3).

R21CA293631 $410,119 July 2024 – June 2026  
**Developing and Testing a Digital Intervention for HPV Vaccine Communication  
Role:** Co-Investigator  
PI: Kalyani Sonawane   
Project Summary: This exploratory grant project will develop and pilot test a digital HPV vaccine communication intervention that will facilitate informed vaccine decision-making in population groups that are falling behind and missing a critical opportunity for preventing HPV-associated cancers.

**Grant number pending** $116,174July 2024 – June 2029 **Implementing HPV Vaccination in HIV Treatment Settings (INVITE) for Young Women and Girls Living with HIV in Eswatini  
Role:** Co-InvestigatorPIs: Jane Montealegre, Elizabeth Chiao, Fortunate Shabalala, Florence Anabwani

U54-96300 $27,999 July 2024 – Aug 2027   
**UPR/MDACC Partnership for Excellence in Cancer Research.   
Project title: Identifying opportunities for point-of-care cancer screening in HIV care settings for persons living with HIV  
Role:** Co-Investigator  
PI: Sharon Giordano, Ana Patricia Ortiz (Project co-leaders: Jane Montealegre and Marveillise Sotto)

MUSC Bridge to Pop Sci Award $50,000 Sept 2024 – Aug 2025

**Establishing an Infrastructure for Multicancer Early Detection Testing Research and Clinical Practice Integration**Role: Co-Investigator

PI: Caitlin Allen

R01CA215403 $3,737,634 Sep 2024 – Aug 2029   
**A factorial randomized controlled trial of home-based self-sampling and patient educational material to increase high-resolution anoscopy attendance among individuals at increased risk for anal cancer**Role: mPI (Alan G. Nyitray, Ashish Deshmukh)   
Project summary: This project will inform equity-based development of anal cancer screening programs among persons for whom anal cancer is a common cancer and a significant threat to health and well-being. The project is relevant to the National Cancer Institute’s mission because it could propel the development of home-based self-sampling, patient educational material, and molecular biomarkers that lead to longer and healthier lives for populations with high anal cancer incidence.

**Past grants**

NCI U54-96300 $983,261 Sep 2019 – Aug 2022

**UPR/MDACC Partnership for Excellence in Cancer Research.**

Role: Project Co-leader

Project summary: Our overarching goal is to optimize anal cancer prevention for persons living with HIV (PLWH) in PR. We will study the epidemiology of SCCA, and evaluate the cost of and QOL after SCCA treatment.

CPRIT $280,619 Mar 2022 – Aug 2022

**Optimizing population selection for primary (Helicobacter pylori screening) and secondary**

**(endoscopic screening and surveillance) prevention of gastric cancer**

Role: UTHealth site-PI

PI: Aaron P. Thrift (Baylor College of Medicine)

Project summary: Our study will capture important regional information and granular information on patient characteristics that are missing from prior research and findings will help identify at-risk groups who may benefit from cost-effective H. pylori screening and surveillance strategies. Importantly, we will examine the benefits and harms of gastric cancer screening.

NCI R01CA255480 $327,951 July 2021 – Aug 2022

**Acceptance and Commitment Therapy for Fear of Recurrence in Breast Cancer Survivors: A 3-ARM Randomized Clinical Trial.**

Role: Co-I

UTHealth site-PI: David R. Lairson

PI: Shelley Johns (Indiana University)

Project summary: This randomized controlled trial will test the efficacy of a group-based Acceptance and Commitment Therapy intervention for breast cancer survivors suffering from FCR while examining its cost-effectiveness and the mechanisms by which the intervention may work.

NCI T32CA057712 $1,980,291 Sep 2018 – Aug 2022

**Cancer Prevention and Control Research Training and Career Development Program**

Role: Mentor

mPIs: Fernandez, Mullen, Vernon

Project summary: Cancer Control Research Training and Career Development Program for doctoral students and postdocs to the T32 mechanism. This T32 is a continuation of our highly successful, longstanding R25T.

Texas DSHS $140,000` Jan 2020 – Dec 2020

**Cost Analysis of Outbreak Involving Certain Vaccine Preventative Diseases**

Role: Co-I

PI: Kalyani Sonawane

Project summary: Study the direct and indirect economic costs from vaccine-preventable disease (VPD) outbreaks.

NCI R01 Supplement $58,999 Sep 2018 – Aug 2020

**AIDS Malignancy Consortium: Determining optimal anal cancer prevention for HIV-infected women.**

Role: UTHealth site-PI

PI: Ronald T. Mitsuyasu

Project summary: The objective of this supplement is to determine the risk of anal precancer recurrence among HIV-infected women and evaluate the optimal precaner treatment evaluating harms and benefits.

NCI R01 CA163103 (Chiao) $20,000 Sep 2016 – Aug 2017

**The effectiveness of screening HIV-infected women for anal cancer precursors.**

Role: Site-PI

PI: Elizabeth Y. Chiao

Project summary: This longitudinal study will characterize the progression of HPV infection and high-grade anal intraepithelial neoplasia in HIV-infected women and determine anal cancer screening accuracy.

HRSA (Schentrup) $20,000 July 2016 – June 2017

**Interprofessional Collaborative Practice at Archer Family Health Care.**

Role: Co-Investigator

**PUBLICATIONS**

[Reverse chronological order, ‡ current or former mentee, \* authors with equal contribution]

1. Sonawane K, Borse KN, Jefferson M, Damgacioglu H, Carpenter MJ, Pearce JL, Ogretmen B, Paczesny S, O’Bryan J, Obeid JS, Ford ME, **Deshmukh AA**. Developing Catchment Area Data Dashboards for Cancer Centers: A Stakeholder-engaged Approach. ***Preventive Oncology and Epidemiology***. In Press.
2. Ortiz AP, Torres-Cintrón CR, Santiago-Rodríguez EJ, Ramos-Cartagena JM, Suárez Ramos T, Damgacioglu H, Colón-López V, Ortiz-Ortiz, DrPH KJ, **Deshmukh AA**. Recent cervical cancer incidence, stage at diagnosis, and mortality trends in Puerto Rico, 2001-2019. ***BMC Medicine***. In Press.
3. **Garg A**, Damgacioglu H, Sigel K, Nyitray AG, Clifford GM, Curran T, Lazenby G, Meissner EG, Sterba K, Sonawane K, **Deshmukh AA**. Future Patterns in Burden and Incidence of Squamous Cell Carcinoma of the Anus in the United States, 2001-2035. ***J Natl Cancer Inst.*** In Press.
4. **Deshmukh AA**, Lin Y‡, Damgacioglu H‡, Shiels M, Coburn SB, Lang R, Althoff K, Moore R, Silverberg M, Nyitray AG, Chhatwal J, Sonawane K, Sigel K. Recent and Projected Incidence Trends and Risk of Anal Cancer among People with HIV in North America.   
   ***J Natl Cancer Inst.*** In Press.
5. Sonawane K, Zhu Y, Damgacioglu H‡, Garg A‡, Graboyes EM, Montealegre J, Brownstein NC, Ford ME, Roberts JR, Sterba K, Giuliano A, **Deshmukh AA**. Human Papillomavirus (HPV) Vaccination Intentions Among Socioeconomically Advantaged versus Deprived: Findings from a Nationwide Survey. ***Lancet Regional Health—Americas.*** In Press.
6. Amboree TL‡, Montealegre JR, Parker SL, Garg A, Damgacioglu H, Schmeler KM, Chiao EY, Hill E, Sonawane K, **Deshmukh AA**, Adsul P. Nationwide Breast, Cervical, and Colorectal Cancer Screening coverage in Federally Qualified Health Centers. ***JAMA Internal Medicine.*** In Press.
7. Sonawane K\*, Garg A\*‡, Meissner E, Damgacioglu H, Hill E, Nyitray AG, **Deshmukh AA**. HPV Vaccination Among Young Adults Before and During the COVID-19 Pandemic and by Sociodemographics and Sexual Orientation. ***JAMA Network Open****.* In Press.
8. Burus T, Damgacioglu H, Huang B, Christian J, Hull P, Ellis A, Arnold SM, **Deshmukh AA**, Lang Kuhs K. Recent and Projected Trends in Oral Tongue Cancer in the United States: A Demographic Shift in Case Burden as Early Onset Increases Among Females Subside. ***JAMA Otolaryngology – Head & Neck Surgery.*** In Press.
9. Nyitray AG, McAuliffe TL, Liebert C, Swartz MD, **Deshmukh AA**, Chiao EY, Weaver L, Almirol E, Kerman J, Schneider JA, Wilkerson M, Hwang LY, Smith D, Hazra A, and The Prevent Anal Cancer Palpation Study Team. The accuracy of anal self- and companion exams among sexual minority men and transgender women: The Prevent Anal Cancer Palpation Study. ***Lancet Regional Health – Americas.*** In Press.
10. Amboree T‡, Damgacioglu H‡, Sonawane K, Adsul P, Montealegre J\*, **Deshmukh AA\*.** Recent trends in cervical cancer incidence, stage at diagnosis, and incidence-based mortality according to county-level income in the USA, 2000-2019. ***International Journal of Cancer.*** 2024. Epub ahead of print.
11. Stier EA, Clarke M\*, **Deshmukh AA\***, Wentzensen N, Liu Y, Poynten IM, Cavallari EN, Fink V, Barroso L, Clifford G, Cuming T, Goldstone S, Hillman R, Rosa-Cunha I, La Rosa L, Palefsky J, Plotzker R, Roberts JM, Jay N. International Anal Neoplasia Society’s Consensus Guidelines for Anal Cancer Screening. ***International Journal of Cancer***. 2024. Epub ahead of print.
12. Garg A‡, Nyitray AG, Roberts JR, Diaz V, Shungu N, Ruggiero KJ, Chandler J, Damgacioglu H, Yenan Y, Brownstein N, Sterba K, **Deshmukh AA**, Sonawane K. Consumption of health-related videos and HPV awareness among urban and rural adults: Analysis of a national survey and YouTube®. ***JMIR.*** 2024. Epub ahead of print.
13. Damgacioglu H‡, Burus T, Sonawane K, Hill E, Lang Kuhs K, **Deshmukh AA**. County-level Trends in cervical cancer incidence, stage at diagnosis, and mortality in Kentucky. ***JAMA Network Open****.* 2024. Epub ahead of print.
14. Parker SL, Amboree TL, Bulsara S, Daheri M, Anderson ML, Hilsenbeck SG, Jibaja-Weiss ML, Zare M, Schmeler K, **Deshmukh AA**, Chiao EY, Scheurer ME, Montealegre JR. Acceptability and experiences of self-sample human papillomavirus (HPV) testing for cervical cancer screening among underscreened Women in a U.S. Safety Net Health System. ***American Journal of Preventive Medicine.*** 2023 Oct 2;6(10):e2338333.
15. Stier EA, Jain M, Joshi H, Darragh TM, **Deshmukh AA**, Lee J, Einstein MH, Jay N, Berry-Lawhorn JM, Palefsky JM, Wilkin T, Ellsworth G, French AL, Barroso LF, Levine R, Guiot HM, Rezaei K, Chiao EY. Two-Year Incidence and Cumulative Risk and Predictors of Anal High-Grade Squamous Intraepithelial Lesions (anal precancer) among Women with HIV. ***Clinical Infectious Diseases***. 2023 Oct 8:ciad614. Epub ahead of print.
16. Cruz G, Ramos-Cartagena JM, Torres-Russe JL, Colón-López V, Ortiz-Ortiz KJ, Pericchi L, **Deshmukh AA**, Ortiz AP. Barriers and Facilitators to Anal Cancer Screening Among People Living with HIV in Puerto Rico. ***BMC Public Health****.* 2023.Oct 6;23(1):1940.
17. Parker S; **Deshmukh AA**; Chen B; Lairson D; Daheri M; Vernon S; Montealegre JR. Perceived barriers to cervical cancer screening and motivators for at-home human papillomavirus self-sampling during the COVID-19 pandemic: Results from a telephone survey. ***eLife***. 2023. 2023 May 26;12:e84664.
18. Ramos-Cartagena JM, Keller K, Guiot HM, Muñoz C, Colón-López V, **Deshmukh AA**, Tirado-Gómez M, Ortiz AP. Evaluating the performance of anal cytology and high-risk human papillomavirus genotyping for detecting anal high-grade squamous intraepithelial lesions in a clinic-based sample of people living with and without HIV in Puerto Rico. ***Cancer Cytopathology***. 2023. Oct;131(10):655-664.
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**Doctoral Dissertation:**“Examination of clinical and economic outcomes of anal cancer treatment.” Major: Health Economics; Minor: Health Policy and Biostatistics (June 2014). Approved by: L. Franzini (Dissertation Chair), S. B. Cantor (Dissertation Supervisor), D. R. Lairson and M. Swartz (Minor Supervisors), and E. Y. Chiao and P. Das (Clinical Mentors)

**PUBLICATIONS UNDER REVIEW**

1. Sonawane K, Damgacioglu H, Dorali H, Batten M, Silvestri, G, Graboyes E. **Deshmukh AA**. Trends in cancer mortality in persistently poor US Counties, 1990-2020*.* Under review.
2. **Deshmukh AA**, Damgacioglu H, Keith K, Palefsky J, Clarke MA, Wentzensen N, Nyitray AG, Ortiz AP, Lin Y, Chiao EY, Stier E, Jay N, Gaisa M, Liu Y, Meissner E, Lazenby G, Giuliano A, Goldstone SE, Clifford GM, Sonawane K\* Chhatwal J \*. Screening for Anal Cancer among Men who have sex with men with HIV: Benefits, Harms, and Cost-effectiveness Analysis. Under review.
3. Dorali P\*, Damgacioglu H\*, Clarke M, Wentzensen N, Orr B, Sonawane K, **Deshmukh AA**. Cervical cancer mortality trends among women aged less than 25 years in the US. Under review.
4. Sonawane K, Garg A, Toll B, **Deshmukh AA**, Silvestri J. Lack of Lung Cancer Screening Awareness Among those Currently Smoking. Under review.

**EDITORIALS**

1. Sonawane K, Troisi C, **Deshmukh AA**. COVID-19 vaccination in the UK: Addressing vaccine hesitancy. ***Lancet Regional Health Europe***. https://doi.org/10.1016/j.lanepe.2020.100016. 2021 Feb;1:100016.

**NEWSLETTERS**

1. **Deshmukh AA**, Likhacheva A. [Why treating breast cancer with less may be more](https://theconversation.com/why-treating-breast-cancer-with-less-may-be-more-78514).   
   ***The Conversation***. June, 2017.
2. **Deshmukh AA**, Chiao EY, Chhatwal J, Cantor SB. [How the anal cancer epidemic in gay and bi HIV-positive men can be prevented](https://theconversation.com/how-the-anal-cancer-epidemic-in-gay-and-bi-hiv-positive-men-can-be-prevented-80358). ***The Conversation.*** September, 2017.

**SEMINARS, INVITED TALKS, AND PROFESSIONAL PRESENTATIONS**

2024 Invited talk (webinar), International Papillomavirus Society (IPVS) September 2024. (Topic: From recent epidemiological data to screening recommendations)

2024 Invited talk, University of Houston College of Pharmacy (Topic: Mathematical modeling to inform cancer prevention policies and practice)

2024 Invited talk, The International Anal Neoplasia Society European group, March 4 (Topic: Determining Optimal Anal Cancer Screening Algorithms: HRA Utilization, Effectiveness, and Cost-effectiveness)

2024 Seminar, Diversity in Addiction Research Training (DART) Program, Medical University of South Carolina, Charleston, SC (Topic: Tips for Successful Grant Writing: Do’s and Dont’s)

2024 Invited talk, EUROGIN Congress, March 13-17, Stockholm, Sweden (Topic: What is the epidemiology of anal cancer with a focus on disparities by HIV, race, and sexual orientation?)

2024 Seminar, Optimizing Treatment for Human Papillomavirus-Associated Oropharyngeal Cancer in Older Adults. Head and Neck Cancer Spore Working group. Hollings Cancer Center, Medical University of South Carolina (MUSC), Charleston, SC

2023 Invited talk, Mt. Sinai Icahn School of Medicine. New York, NY. (Topic: Recent epidemiology of cancers caused by HPV and enhancing prevention)

2023 Oral Presentation, Determining Optimal Anal Cancer Screening Algorithms for Men who have Sex with Men with HIV: A Modelling Study. International Anal Neoplasia Society Annual Meeting. Puerto Rico, USA

2023 Invited talk, Gynecological Oncology TCT. Hollings Cancer Center, Medical University of South Carolina. (Topic: Recent Epidemiology of Cervical Cancer and Opportunities to Enhance Primary and Secondary Prevention)

2023 Invited talk, the Anal Cancer–HSIL Outcomes Research (ANCHOR) Fall meeting. (Topic: Anal Cancer among Persons with HIV: Risk Stratification and Cost-Effectiveness of Screening)

2023 Invited talk, University of Alabama SOPH Seminar Series. Evolving Epidemiology of HPV-associated Cancers: A Look Back and A Look Ahead.

2023 Seminar, Epidemiology 3, Department of Public Health Sciences, Medical University of South Carolina. Decision Science 101

2023 Invited talk, Health Services Research Seminar. Cleveland Clinic. Cleveland, Ohio (Topic: Integrating Epidemiology and Decision Science to Advance Equity in Human Papillomavirus-Associated Cancer Prevention)

2023 Seminar, Developmental Cancer Therapeutics Research Program, Hollings Cancer Center, Medical University of South Carolina (Topic: Integrating Epidemiology and Decision Science to Inform Intervention Development and Advance Cancer Equity)

2023 Seminar, Colorectal Cancer TCT meeting, Hollings Cancer Center, Medical University of South Carolina (Topic: Recent Advances in Anal Cancer: From Epidemiology to Evidence-based Screening Guidelines)

2023 Seminar, Oral Health Sciences Seminar Series, Department of Dental Medicine, Medical University of South Carolina (Topic: Evolving Epidemiology of HPV-associated Cancers: A Look Back and A Look Ahead).

2023 Seminar, Department of Public Health Sciences, Medical University of South Carolina. (Topic: Integrating Epidemiology and Decision Science to Advance Equity in Cancer Prevention and Control)

2023 Invited talk, EUROGIN Congress, February 7-11, 2023, Bilbao, Spain. (Topic: Human papillomavirus associated oropharyngeal cancer incidence trends).

2023 Invited talk, EUROGIN Congress, February 7-11, 2023, Bilbao, Spain. (Topic: Global anal cancer epidemiology).

2023 Seminar, Catchment Area Group. Hollings Cancer Center. January 2023. (Topic: Population-based research in cancer prevention and control).

2022 Seminar, Promoting Advancements for Cancer Control and Health Equity Seminar (PACES) meeting, Cancer Control, Hollings Cancer Center, Medical University of South Carolina. November 9, 2022. (Topic: Defining optimal screening for cancer prevention).

2022 Plenary Speaker, 18th International Conference on Malignancies in HIV/AIDS, National Cancer Institute. (Topic: Anal cancer: Epidemiology, Contribution of HIV, and Modeling to Guide Cost-effectiveness of Screening)

2022 Invited talk, Recent HPV/Cancer epidemiology and opportunities for prevention. University of San Diego Moores Cancer Center. Protecting Against HPV (PATH) Webinar. September. 2022

2022 Live Webinar. Prevention of Anal Cancer Screening: Will the ANCHOR study be sufficient to start screening program? By Palefsky J, Clarke M, Deshmukh AA. International Papillomavirus Society (IPVS) August 2022.

2022 Oral presentation, Contemporary patterns in anal cancer incidence and mortality and integration into mathematical modeling to inform guidelines and practice. International Anal Neoplasia Society Scientific Meeting. June 3-4, 2022. New York, NY

2022 Invited talk, Prevention of anal cancer post-ANCHOR: Should screening for and treating anal HSIL be included in standard of care guidelines? What additional information is needed? EUROGIN Congress. April 10-13, 2022; Düsseldorf, Germany

2022 Invited talk, The HPV Interest group. The University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico. (Topic: Contemporary and Future Trajectories in HPV-associated cancers and opportunities for prevention and control)

2022 Invited talk, The Ohio State University Wexner Medical Center and The James Comprehensive Cancer Center, Columbus, Ohio (Topic: Contemporary and Future Trajectories in HPV-associated cancers and opportunities for prevention and control)

2021 Invited talk, The 34th International Papillomavirus Conference. Clinical Research Workshop: Update on epidemiology of HPV-related cancer and pre-cancer. Updates in the epidemiology of anal cancer and pre-cancer

2021 Invited talk, The 34th International Papillomavirus Conference. Special Interest Satellite Symposium: Anogenital and oral HPV infection in men: novel insights from vaccine and modeling studies. Oral HPV infection in men: Projecting the impact of HPV vaccination on the incidence of oropharyngeal cancer in the 21st century in the U.S.

2021 Invited talk, Department of Health Services Research, MD Anderson Cancer Center, Houston, TX. (Topic: Improving HPV-associated Cancer Prevention: Applications of Data Analytics and Disease Simulation Modeling)

2021 Invited talk, Harvard School of Medicine, Massachusetts General Hospital, Institute for Technology Assessment, Boston, MA. (Topic: Changing trajectories of HPV-associated cancers and opportunities for control)

2021 Invited talk, Population Science Guest Scholar Lecture. UTSouthwestern Simmons Cancer Center. Dallas, TX (Topic: Contemporary and future trajectories in HPV-associated cancers and opportunities for control)

2021 Invited talk, Cancer Prevention & Control Program, Georgetown Lombardi Comprehensive Cancer Center, Washington DC (Topic: Changing trajectories of HPV-associated cancers and implications for prevention)

2020 Seminar, Department of Management, Policy & Community Health, UTSPH (Topic: Applications of mathematical modeling and cancer epidemiology for HPV-associated cancer prevention)

2020 Malignancy Working Group, The North American AIDS Cohort Collaboration on Research and Design (NA-ACCORD) consortium. (Topic: Age- and stage-specific anal cancer incidence and geographic distribution of stage at diagnosis among HIV-infected persons)

2020 Invited talk, University of Houston College of Pharmacy. (Topic: Cancer Simulation Modeling: Cancer Simulation Modeling: Epidemiological and Economic Applications)

2020 Invited talk, International Anal Neoplasia Society Web Rounds. (Topic: Recent trends in squamous cell carcinoma of the anus incidence and mortality in the United States”)

2019 Plenary Speaker, 17th International Conference on Malignancies in HIV/AIDS, National Cancer Institute. Lister Hill Center Auditorium, National Library of Medicine, NIH (Topic: Recent Trends in Anal Cancer Incidence: Implications for Prevention Using Disease Simulation Modeling)

2019 Invited talk, Department of Industrial Engineering, University of Houston, Houston, TX (Topic: Leveraging Large Databases and Clinical Decision Science to Improve HPV-associated Cancer Prevention)

2018 Panel discussion, Systems-Based Interventions to Address Secondary Cancer Prevention. Cancer Prevention, Hereditary Genetics, and Epidemiology. The 2018 ASCO Annual Meeting. June 2018, Chicago, IL

2018 Seminar, Management, Policy and Community Health, UTHealth School of Public Health, Houston, TX (Topic: Decision Science and Big Data for HPV-associated Cancer Research)

2018 Invited talk, Harvard School of Medicine, Massachusetts General Hospital, Institute for Technology Assessment, Boston, MA (Topic: Leveraging Large Databases and Clinical Decision Science to Improve HPV-associated Cancer Prevention, Detection, and Treatment)

2018 Invited talk, Health Outcomes and Behaviors. Moffitt Cancer Center, Tampa, FL (Topic: Leveraging Large Databases and Clinical Decision Science to Improve Cancer Prevention, Detection, and Treatment)

2018 Invited talk, The University of Puerto Rico Comprehensive Cancer Center (UPRCCC), San Juan, PR (Topic: Using Decision Science and Large Databases to Inform HPV-associated Cancer Prevention and Management)

2017 Invited talk, Cancer Control Research Program Special Seminar. University of Miami Health System, Sylvester Comprehensive Cancer Center, Miami, FL (Topic: Using Decision Science and Large Data to Understand Cancer Epidemiology and Inform Policy)

2017 International Anal Neoplasia Society Web Rounds. (Topic: Using Clinical Decision Making to Inform Anal Cancer Prevention Policies”)

2017 Invited talk, Baylor College of Medicine—Joint Head and Neck Cancer/ Gynecology Disease-oriented Working Group Meeting—Houston, TX (Topic: Using Decision Science to Determine Optimal Prevention and Treatment for HPV-related Cancers)

2017 Invited talk, Center for Infection Research in Cancer. Moffitt Cancer Center, Tampa, FL (Topic: Using Mathematical Modeling to Determine Optimal Cancer Prevention and Treatment Strategies)

2017 Seminar, Keep Calm and Discuss Research series. College of Public Health & Health Professions, University of Florida, Gainesville, FL (Topic: Explore research collaborations around econometrics.)

2016 Oral presentation, International Anal Neoplasia Society scientific meeting, November 2016, San Francisco, CA (Topic: Age-specific prevalence of anal and cervical HPV, and anal cytology and histology in HIV-positive women.)

2016 Oral presentation, International Anal Neoplasia Society scientific meeting, November 2016, San Francisco, CA (Topic: Management of anal precursor in HIV infected men who have sex with men: A cost-effectiveness analysis.)

2016 Invited talk, UF Health Cancer Center Oncology Grand Rounds, Gainesville, FL (Topic: Modeling Cancer Outcomes: Applications from Anal Cancer Prevention and Breast Cancer Control)

2016 Panel discussion, UT MD Anderson Cancer Center, Houston, TX (Topic: Networking and Sponsorship.)

2016 Trainee Brown Bag, UT MD Anderson Cancer Center, Houston, TX (Topic: Comparative Effectiveness of Anal Precancer Management Strategies Using Decision Analysis Methods)

2016HPV OAG working group, UT MD Anderson Cancer Center, Houston, TX (Topic: Comparative Effectiveness of Anal Precancer Management Strategies Using Decision Analysis Methods)

2016 University of Houston College of Pharmacy, Houston, TX (Topic: Methods for Economic Evaluation using Person-Level Data)

2016 University of South Carolina (Topic: Prevention of Anal Cancer in High-risk Populations in the US:  Seeking Policy Attention)

2015 University of Houston College of Pharmacy (Topic: Methods for Decision Analysis)

2015 University of Florida College of Public Health and Health Professions (Topic: Prevention of Anal Cancer through HPV Vaccination in Men Who Have Sex with Men Older Than 27 Years: Do We Need More Evidence?)

2015 Western Michigan University Homer Stryker M.D. School of Medicine, Kalamazoo (Topic: Prevention of Anal Cancer through HPV Vaccination in Men Who Have Sex with Men Older Than 27 Years: Do We Need More Evidence?)

2015 The 37th Annual Meeting of the Society for Medical Decision Making, St. Louis, MO (Topic: Value of addition of HPV vaccination to anal precancerous lesion treatment in older MSM—do we need further evidence?)

2015 Trainee Brown Bag seminar, UT MD Anderson Cancer Center. (Topic: Prevention of Anal Cancer through HPV Vaccination in MSM Older Than 27 Years: Do We Need More Evidence?)

2015 Seminar, University of Texas MD Anderson Cancer Center, Houston, TX (Topic: Long-term benefits of adjuvant HPV vaccination among 27-years or older MSM)

**PRESENTATIONS AND ABSTRACTS**

1. Garg, A., Nyitray A.G., Roberts, J.R., Shungu N, Ruggiero, K.J., Chandler, J., Damgacioglu, H., Zhu, Y., Brownstein, N., Sterba, K.R., **Deshmukh, A.A**., & Sonawane, K. Rise in consumption of informational videos on social media among rural adults: Opportunity for improving HPV awareness. American Society of Preventive Oncology (ASPO) Annual Meeting, 2024. March 15-19. Chicago, Illinois
2. Garg, A., Nyitray, A.G., Roberts, J.R., Shungu, N., Ruggiero, K.J., Chandler, J., Damgacioglu, H., Zhu, Y., Brownstein, N., Sterba, K.R., **Deshmukh, A.A**., & Sonawane, K. Examining the impact of social media health videos consumption on HPV awareness in urban and rural adults: Insights from a US national survey and YouTube®. 2023 LOWVELO Trainee Symposium. December 2023. Charleston, SC.
3. Nyitray AG, McAuliffe TL, Liebert C, Swartz MD, **Deshmukh AA,** Chiao EY, Almirol E, Schneider J, Wilkerson JMJ Hwang L, Smith D, Hazra A, and the Prevent Anal Cancer Study Team. The accuracy of anal self- and companion examinations compared with a health care provider digital anal rectal examination. The International Anal Neoplasia Society Annual Meeting, 2023. November 10-12. Puerto Rico.
4. Garg, A., Damgacioglu, H., Sigel, K., Nyitray, A.G., Chiao, E.Y., Curran, T., Lazenby, G., Meissner, E.G., Sterba, K., Sonawane, K., **Deshmukh, A.A**. Anal cancer incidence and burden projections in the United States, 2001-2035. Perry V. Halushka 2023 MUSC Research Day. November 2023. Charleston, SC (Oral presentation) (recipient of the best presentation award)
5. Sigel K, Liu Y, Chiao E, **Deshmukh AA**, Cervantez A, Grant D, Solis D, Montealegre J, Schmeler K, Damgacioglu H, Sonawane K, Gaisa M. Anal cancer screening results from HIV-negative women with history of genital precancer or cancer: preliminary findings of the SWAN study. The International Anal Neoplasia Society Annual Meeting, 2023. November 10-12. Puerto Rico.
6. Garg A, Damgacioglu H, Sigel K, Nyitray AG, Chiao, EY, Curran T, Lazenby G, Meissner EG, Sterba K, Sonawane K, **Deshmukh AA**, Projections in anal cancer incidence and burden in the United States, 2001–2035. . The accuracy of anal self- and companion examinations compared with a health care provider digital anal rectal examination. The International Anal Neoplasia Society Annual Meeting, 2023. November 10-12. Puerto Rico.
7. Goawala ZA, Keimari Mendez AA, Ramos-Cartagena JM, Ortiz-Ortiz K, Colon-Lopez V, **Deshmukh AA**, Ortiz AP. Attitudes towards anal cancer screening among people living with HIV living in Puerto Rico. The International Anal Neoplasia Society Annual Meeting, 2023. November 10-12. Puerto Rico.
8. Chhatwal J, ElHabr AK, Tyson C, Cao X, Merdan S, Raoof S, Fendrick M, Ozbay B, Limburg P, Beer TM, **Deshmukh AA**. Correlation of unobserved incidence of cancer in earlier stages with the observed incidence. American Society of Clinical Oncology annual meeting. June 2023. Chicago, IL
9. Chhatwal J, Merdan S, Tyson C, **Deshmukh AA**, ElHabr A, Cao X, Ozbay B, Raoof S, Limburg P, Fendrick M, Beer TM. Unobserved Incidence of Cancer in Earlier Stages is Substantially Higher than the Observed Incidence. American Society of Clinical Oncology annual meeting. June 2023. Chicago, IL
10. ElHabr A, Tyson C, Cao X, Merdan S, Raoof S, **Deshmukh AA**, Limburg P, Beer T, Chhatwal J. The Large Hidden Prevalence Rate of Cancer Using Backward Induction Method Reveals Screening Opportunity in Earlier Stages. The International Society for Pharmacoeconomics and Outcomes Research (ISPO) annual international meeting. May 2023. Boston, MA
11. Bui B, Damgacioglu H, Lazenby G, Curran T, Shungu N, Meissner E, Sonawane K, **Deshmukh AA**. Incidence trends in anal high-grade squamous intraepithelial lesions among US men, 2000-2019. FLEX Fair Poster Presentation Day, College of Medicine, Medical University of South Carolina, Charleston, SC
12. Garcia-Camacho S, Ramos-Cartagena J, Soto-Salgado M, Colon-Lopez V, Ortiz-Ortiz K, **Deshmukh AA,** Ortiz AP. Anal cancer risk factors and utilization of cancer preventive strategies in people living with HIV in Puerto Rico. The American Association for Cancer Research Annual Meeting. April 2023. Orlando, FL
13. Ramos-Cartagena J, Ortiz-Ortiz K, Colón-López V, Echenique I, Santiago R, Reyes J, Deshmukh AA, Ortiz AP. Quality of life among anal cancer patients in Puerto Rico. The American Association for Cancer Research Annual Meeting. April 2023. Orlando, FL
14. Talwar A, **Deshmukh AA**,Trivedi M, Aparasu R. Cost-effectiveness analysis of abemaciclib and endocrine therapy combination for the adjuvant treatment of HR+/HER2-, node-positive, high-risk, early breast cancer. The American Association for Cancer Research Annual Meeting. April 2023. Orlando, FL
15. Amboree T, Montealegre J, Parker S, Garg A, Damgacioglu H, Schmeler K, Chiao EY, Hill E, Sonawane K, **Deshmukh AA**, Adsul P. Nationwide analysis of the state-level cervical cancer screening coverage among 7,466,884 women served by the Federally Qualified Health Centers in the United States. Late Breaking abstract. IPVC 2023. Washington DC
16. Nyitray AG, Chiao EY, Liebert C, Hwang LY, **Deshmukh AA**, Schneider M, Schneider M, Wilkerson M, McAuliffe T, Smith D, Hazra A. The accuracy of the anal self-exam to detect an abnormality at the anal canal or perianus: the prevent anal cancer palpation study. Late Breaking abstract. IPVC 2023. Washington DC.
17. Amboree T, Parker S, **Deshmukh AA**, Scheurer M, Chiao EY, Montealegre J. Knowledge of human papillomavirus and cervical cancer screening recommendations among underscreened women in an urban safety net health system. IPVC 2023. Washington DC.
18. Wilkerson JM, Flores RA, Travis A, Almirol E, Chiao EY, Hazra A, Deshmukh A, Weaver L, DeJuan Washington & Nyitray AG. Minimal anxiety among sexual minority men performing anal self-exams or anal companion exams regardless of potential abnormalities: The Prevent Anal Cancer Palpation Study. IPVC 2023. Washington DC.
19. Garg A, Damgacioglu H, Sonawane K, **Deshmukh AA**. Recent Patterns in Cervical Cancer Mortality in the United States: 2013-2019. ASPO Annual Meeting 2023. March 12-15, 2023; San Diego, CA.
20. Garg A, Damgacioglu H, Sonawane K, **Deshmukh AA**. Association of Cervical Cancer Incidence with Screening Rates and Healthcare Access in the US Counties. ASPO Annual Meeting 2023. March 12-15, 2023; San Diego, CA.
21. Parker SL, Amboree, T, Daheri M, Chiao EY, Schmeler K, Anderson ML, **Deshmukh AA**, Hilsenbeck S, Jibaja-Weiss M, Bulsara S, Zare M, Scheurer ME, Montealegre JR. Fear of cancer and HPV as barriers to clinic- and home-based cervical cancer screening among underscreened women in a safety net healthcare system. ASPO Annual Meeting 2023. March 12-15, 2023; San Diego, CA.
22. **Deshmukh AA**, Lin Y, Damgacioglu H, Chiao EY, Nyitray AG, Althoff K, Coburn SB, Silverberg MJ, Gebo K, Moore R, Horberg MA, Napravnik S, Cachay E, Sonawane K, Sigel K, North American AIDS Cohort Collaboration on Research Design (NA-ACCORD) of IeDEA. Recent and Projected Trends in Anal Cancer Incidence among Persons with HIV in the US. CROI 2023 Annual Meeting. Seattle WA.
23. Parker SL, Amboree, T, Daheri M, Chiao EY, Schmeler K, Anderson ML, **Deshmukh AA**, Hilsenbeck S, Jibaja-Weiss M, Bulsara S, Zare M, Scheurer ME, Montealegre JR. Perceived barriers to clinic-based cervical cancer screening and motivators for HPV self-sampling during the COVID-19 pandemic. Oral presentation. EUROGIN 2023. February 8-11, 2023; Bilbao, Spain.
24. Parker SL, Amboree, T, Daheri M, Chiao EY, Schmeler K, Anderson ML, **Deshmukh AA**, Hilsenbeck S, Jibaja-Weiss M, Bulsara S, Zare M, Scheurer ME, Montealegre JR. Preferences for HPV self-sampling implementation in a safety net healthcare system. International Papillomavirus Conference 2023. April 17-21, 2023; Washington, D.C.
25. Nyitray AG, Nitkowski J, McAuliffe TK, Swartz M, Fernandez M, **Deshmukh AA**, Ridolfi TJ, Smith JS, Chiao EY, Giuliano A, Schick V, and The Prevent Anal Cancer Study Team, Engagement in home-based vs clinic-baed anal precancer screening among men having sex with men: Interim baseline data from the Prevent Anal Cancer Self-Swab Study. The International Conference of Malignancies in HIV/AIDS. October 24-26. Virtual Conference.
26. Cruz G, Torres-Russe JL, Ramos-Cartagena JM, Colon-Lopez V, Ortiz-Ortiz K. **Deshmukh AA**. Ortiz AP. Barriers and faciliators to high-resolution anoscopy among people living with HIV: A cross sectional study in Puerto Rico. The International Conference of Malignancies in HIV/AIDS. October 24-26. Virtual Conference.
27. Parker SL, Daheri M, Benavides E, Kasbaum M, Chiao EY, Schmeler K, Anderson ML, **Deshmukh AA**, Hilsenbeck S, Jibaja-Weiss M, Bulsara S, Zare M, Scheurer ME, Montealegre JR. Perceived helpfulness of bilingual patient navigation in an HPV self-sampling trial. Oral presentation: 2022 International Cancer Education Conference. October 12-14, 2022; College Park, Maryland.
28. Yande S, **Deshmukh AA**. [Cost-Effectiveness of paclitaxel Monotherapy Versus paclitaxel Plus Bevacizumab Combination Therapy in Triple-Negative Breast Cancer](https://scholar.google.com/scholar?cluster=14146550764840588051&hl=en&oi=scholarr). Annual meeting of the International Society for Pharmacoeconomics and Outcomes Research (ISPOR). 2022. New Orleans. Louisiana.
29. Kandyce G. Keller, Celeste Leigh Pearce, Karen J. Ortiz-Ortiz, Jeslie M. Ramos-Cartagena, Humberto Guiot, Vivian Colón-López, **Ashish A. Deshmukh**, Maribel Tirado-Gómez, Ana Patricia Ortiz. Evaluating anal cancer screening approaches in high-risk populations in Puerto Rico [abstract]. In: Proceedings of the American Association for Cancer Research Annual Meeting 2022; 2022 Apr 8-13. Philadelphia (PA): AACR; Cancer Res 2022;82(12\_Suppl):Abstract nr 2241.
30. Kwak K, Schaefer C, **Deshmukh AA**, Dhoble A, Holmes HM. Aguilar D, Johnson M, Aparasu R, Kim D. Median beta-blocker doses by age groups among older adults with heart failure with reduced ejection fraction (HFrEF). American Geriatric Society 2022 Annual meeting.
31. Parker SL, Daheri M, Benavides E, Kasbaum M, Escobar B, Chiao EY, Anderson ML, **Deshmukh AA**, Suk R, Hilsenbeck S, Jibaja-Weiss M, Bulsara S, Zare M, Scheurer ME, Montealegre JR. Acceptability of mailed HPV self-testing kits among patients of a large urban safety-net healthcare system. Oral presentation: ASPO Annual Meeting 2022. March 11-13, 2022; Tucson, AZ.
32. Parker SL, Daheri M, Benavides E, Kasbaum M, Escobar B, Chiao EY, Anderson ML, **Deshmukh AA**, Hilsenbeck S, Jibaja-Weiss M, Bulsara S, Zare M, Scheurer ME, Montealegre JR. Influence of COVID-19 pandemic on participation in HPV self-testing trial. Oral presentation: EUROGIN Congress. April 10-13, 2022; Düsseldorf, Germany
33. Keller KG, Ramos-Cartagena JM, Guiot HM, Munoz C, Rodriguez Y, Colon-Lopez V, **Deshmukh AA**, Tirado-Gomez M, Patricia Ortiz A. Assessment of the performance of anal cytology as a screening tool for anal high-grade squamous intraepithelial lesions by extent of disease in a clinic-based sample in Puerto Rico. AACR Virtual Conference: 14th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; October 6-8, 2021
34. Gierbolini-Bermúdez A, Ortiz-Ortiz K, Ramos-Cartagena JM, Sonawane K, Colón-Lopez V, **Deshmukh AA**, Ortiz AP. Impact of COVID-19 public policies on utilization on cervical cancer screening in Puerto Rico during March 15, 2020 to July 31, 2020. AACR Virtual Conference: 14th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; October 6-8, 2021
35. Soto-Salgado M, Suárez E, Deshmukh AA, Viera T, Ramos-Cartagena J, Pericchi LR, Patricia Ortiz A. Risk prediction model for high-grade squamous intraepithelial lesions in persons living with HIV in Puerto Rico. ACR Virtual Conference: 14th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; October 6-8, 2021
36. Huepenbecker S, **Deshmukh AA**, Sun C, Rajan S, Harrison R, Giordano S, Meyer L. Cost-effectiveness analysis of management strategies after first-line treatment of women with epithelial ovarian cancer. 2022 The Annual Meeting of the Society for Gynecological Oncology. March 18-22. Phoenix, Arizona.
37. Damgacioglu H, Sonawane K, Chhatwal J, Lairson DR, Clifford GM, Giuliano AR, **Deshmukh AA**. Long-term impact of HPV vaccination and covid-19 pandemic on oropharyngeal cancer incidence and burden in the USA, 2009-2100. IPVS 2021. The 34th International Papillomavirus Conference. November 15-19, 2021. Oral presentation.
38. **Deshmukh AA**, Damgacioglu H, Suk R, Georges D, Sonawane K, Ferlay J, Bray F, Clifford G. Global burden of squamous cell carcinoma of the anus and cases associated with HIV in 2020. IPVS 2021. The 34th International Papillomavirus Conference. November 15-19, 2021. Oral presentation.
39. Ortiz AP, Gierbolini-Bermúdez A, Ramos-Cartagena JM, Colón-López V, Sonawane K, **Deshmukh AA**, Ortiz-Ortiz KJ. Disruption in Cervical Cancer Screening Utilization in Puerto Rico: Impact of Natural Disasters and the COVID-19 Pandemic. IPVS 2021. The 34th International Papillomavirus Conference. November 15-19, 2021. Oral presentation.
40. Torres-Russe J, Cartagena J, Colón-López V, Ortiz-Ortiz K, **Deshmukh AA**. Ortiz A. Barriers and facilitators of anal cancer screening in people living with HIV in Puerto Rico. IPVS 2021. The 34th International Papillomavirus Conference. November 15-19, 2021. Poster presentation.
41. Keller K, Ramos-Cartagena JM, Guiot HM, Muñoz C, Rodríguez Y, Colón-López V, **Deshmukh** **AA**, Tirado-Gómez M, Ortiz AP. Association of current smoking with anal high-risk HPV infection and histologically confirmed anal high-grade squamous intraepithelial lesions in a clinic-based population in Puerto Rico. IPVS 2021. The 34th International Papillomavirus Conference. November 15-19, 2021. Poster presentation.
42. Nyitray AG, Chiao EY, **Deshmukh AA**, Schick V, Ridolfi T, Schneider J, Swartz M, Hwang L, Fernandez ME, Giuliano AR, Wilkerson M, Hazra A. Tails of two cities: anal canal lesion characteristics among sexual and gender minorities in Chicago and Milwaukee detected by digital anal rectal examination (DARE). IPVS 2021. The 34th International Papillomavirus Conference. November 15-19, 2021. Poster presentation.
43. Parker A, Daheri M, Benavides E, Kasbaum M, Escobar B, Chiao E, Anderson M, Deshmukh AA, Suk S, Hilsenbeck S, Jibaja-Weiss M, Bulsara S, Zare M, Scheurer M, Schmeler K, Montealegre J. Barriers to cervical cancer screening and acceptability of at-home HPV self-test kits: preliminary results. IPVS 2021. The 34th International Papillomavirus Conference. November 15-19, 2021. Poster presentation.
44. Wu C, Damgacioglu H, Lin Y, Sonawane K, Chiao EY, Sigel K, **Deshmukh AA**. Projections of Economic Burden of HIV Antiretroviral Therapy in the United States: A Simulation Modeling Study. The 43rd Annual Meeting of the Society for Medical Decision Making, October 2021. [Selected for Lee Lusted Award]
45. Gierbolini-Bermúdez A, Ortiz-Ortiz KJ, Ramos-Cartagena JM, Sonawane K, Colón-López V, **Deshmukh AA**, Ortiz AP. Impact of COVID19 public policies on utilization on cervical cancer screening in Puerto Rico during March 15, 2020 to July 31, 2020. The 14th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved on October 6-8, 2021. Virtual presentation.
46. Soto-Salgado M, Suárez E, **Deshmukh AA**, Viera Rojas TD, Ramos-Cartagena JM, Pericchi L, Patricia Ortiz A. Risk prediction model for high-grade squamous Intraepithelial Squamous Lesions in Persons Living with HIV in Puerto Rico. The 14th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved on October 6-8, 2021. Selected as Top Abstracts for a virtual preferred presentation.
47. Keller K, Ramos-Cartagena JM, Guiot HM, Muñoz C, Rodríguez Y, Colón-López V, **Deshmukh** **AA**, Tirado-Gómez M, Ortiz AP. Smoking as a potential risk factor for anal high-risk HPV infection and high-grade anal lesions. Cancer Prevention and Control Research Training Program of University of Puerto Rico Cancer Center.
48. Soto-Salgado M, Viera Rojas T, Suárez E, Pericchi LR, Ramos-Cartagena J, Deshmukh AA, Ortiz AP. Risk prediction model for anal high-grade squamous intraepithelial lesions (HSIL) in persons living with HIV in Puerto Rico. Cancer Prevention and Control Research Training Program of University of Puerto Rico Cancer Center.
49. Ortiz K, Damgacioglu H, Deshmukh AA\*, Chiao EY. Cervical Cancer Incidence Disparities in the United States (2001-2018). MD Anderson – University of U54 Puerto Rico Summer Program. August 2021.
50. 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. To be presented at the International Anal Neoplasia Rapid Research Meeting. June 2021
51. Sonawane K, Lin YY, Damgacioglu H, Zhu Y, Fernandez M, Montealegre J, Ganduglia C, Li R, Lairson DR, Lin Y, Giuliano AR, **Deshmukh AA**. HPV vaccine safety perceptions and adverse event reporting trends in the United States. EUROGIN 2021. Accepted for oral presentation in the congress program.
52. 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. Accepted for oral presentation in the congress program.
53. Suk R, Sonawane K, Bauer C, Lairson D, **Deshmukh AA**. Risk of anal cancer in inflammatory bowel disease patients in the US: a population-based study 2008-2018. Crohn’s & Colitis Congress (Virtual). January, 2021
54. Damgacioglu H, Sonawane K, Giuliano AR, Chhatwal J, **Deshmukh AA**. Making Oropharyngeal Cancer a Rare Cancer Among US Men: The Assessment of Improving Human Papillomavirus Vaccination Coverage. The 42nd Annual Meeting of the Society for Medical Decision Making, October 2020. [Accepted for presentation; Selected for Lee Lusted Award; To be held in Chicago, IL, redesigned as a virtual conference]
55. Suk R, Swint MJ, Hong Y, 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, October 2020. [Accepted for presentation; Selected for Lee Lusted Award; To be held in Chicago, IL, redesigned as a virtual conference]
56. Damgacioglu H, Sonawane K, Giuliano AR, Chhatwal J, **Deshmukh AA**. A Microsimulation Modeling For The Assessment Of Human Papillomavirus Vaccination On The Rising Incidence Of Oropharyngeal Cancer Among Men. 2020 INFORMS annual meeting.
57. Ortiz AP, Ramos-Cartagena JM, Guiot HM, Muñoz C, Pérez CM, Rodríguez CM, Rodríguez Y, Colón-López V, **Deshmukh AA**, Tirado-Gómez M. Assessment of the validity of anal cytology and HPV typing in the detection of anal HSIL in a clinic-based population in Puerto Rico. The 2020 Annual International Papillomavirus Society (IPVS) meeting. Barcelona, Spain, May 2020. [Postponed to July 2020; Virtual meeting due to COVID-19 Pandemic]
58. Stier E, Lensing SY, Wiley DJ, Darragh TM, Palefsky JM, Jay N, Berry M, Wilkin TJ, Barroso L, Einstein M, Levin R, **Deshmukh AA**, Cranston R, Guiot H, French A, Citron D, Rezaei M, Goldstone S, Chiao EY. Screening strategies for anal histologic high-grade squamous intraepithelial lesion (hHSIL) detection in women living with HIV (WLHIV) – Aids Malignancy Consortium (AMC)-084. The 2020 Annual International Papillomavirus Society (IPVS) meeting. Barcelona, Spain, May 2020. [Postponed to July 2020; Virtual meeting due to COVID-19 Pandemic]
59. Nyitray A, Ajala C, Brzezinski B, **Deshmukh AA**, Hazra A, Schneider J, Hwang LY, Swartz MD, Syndoer C, White M, Wilkerson MJ, McAuliffe T, Chiao EY. Protocol for the Prevent Anal Cancer (PAC) Palpation Study. The 2020 Annual International Papillomavirus Society (IPVS) meeting. Barcelona, Spain, May 2020. [Postponed to July 2020; Virtual meeting due to COVID-19 Pandemic]
60. Dasari P, **Deshmukh AA**. Cost-effectiveness analysis of Tenecteplase vs Alteplase for treatment of acute ischemic stroke. ISPOR 2020 Annual Meeting. Orlando, FL. May 2020
61. Suk R, Suk H, Sigel K, Sonawane K, **Deshmukh AA.** Population-level HPV vaccination coverage among US adult IBD patients: still not enough. The 2020 Crohn’s & Colitis Congress, Austin, TX, January 2020.
62. Suk R, Suk H, Sonawane K, **Deshmukh AA.** E-cigarette and cigarette use among US adult IBD patients: population-level survey. The 2020 Crohn’s & Colitis Congress, Austin, TX, January 2020.
63. Silvera R, Gaisa M, Liu Y, **Deshmukh AA,** SigelK**.** High Resolution Anoscopy (HRA) in the Real World: Predictors of Guideline-Based Follow Up at a Large Academic Medical Center. The 2020 Conference on Retroviruses and Opportunistic Infections (CROI). Chicago, IL. March 2020
64. Gaisa M, Liu Y, Winters J, **Deshmukh AA,** SigelK**.** Anal Cancer Screening: Is it Time for Cytology and High-risk HPV Co-testing? The 2020 Conference on Retroviruses and Opportunistic Infections (CROI). Chicago, IL. March 2020
65. Einstein MH, Kathe N, Markan R, Prabhu V, Mesa-Frias M, Samant S, Walia A, **Deshmukh AA**, Myers E. Incremental Healthcare Resource Use & and Costs of Cervical, Vaginal, and Vulvar Cancer in the United States. The American Society for Colposcopy and Cervical Pathology Annual Meeting. Orlando, FL. April 2020
66. Myers E, Kathe N, Markan R, Prabhu V, Mesa-Frias M, Samant S, Walia A, **Deshmukh AA**, Einstein MH. Incremental Healthcare Resource Use & and Costs of Anal Cancer in the United States. The American Society for Colposcopy and Cervical Pathology Annual Meeting. Orlando, FL. April 2020
67. Nemutlu GS, Suk R, Chhatwal J, **Deshkmukh, AA**, Scaling Up HPV Vaccination to Reduce HPV-associated Anal Cancer Incidence: Model-based Predictions, INFORMS Annual Meeting 2019. Seattle, WA. October 2019.
68. Gaisa M, Liu Y, **Deshmukh** AA, Stone K, Sigel K. Electrocautery Ablation of Anal High-grade Squamous Intraepithelial Lesions: Effectiveness and Key Factors Associated with Outcomes. International Anal Neoplasia Scientific Meeting. Oral presentation. November 2019. Amsterdam
69. Liu Y, Prasad MH, Ganz E, Poggio JL, **Deshmukh AA**, Zheng W, Sigel K, Gaisa MM. HIV-positive Women with Anal High-grade Squamous Intraepithelial Lesions: A study of 197 Cases with Long-term Anogenital Surveillance. International Anal Neoplasia Scientific Meeting. Oral presentation. November 2019. Amsterdam
70. Stier E, Wiley DJ, Lensing SY, Darragh T, Einstein MH, Jay N, Berry-Lawhorn JM, **Deshmukh AA**, Palefsky JM, Wilkin T, Barroso LF, Levine R, French AL, Guiot H, Cranston RD, Chiao E. Screening strategies for anal histologic high-grade squamous intraepithelial lesion (hHSIL) detection in women living with HIV (WLHIV) – AIDS Malignancy Consortium (AMC)-084. International Anal Neoplasia Scientific Meeting. Oral presentation. November 2019. Amsterdam
71. Chiao E, Wiley DJ, Lensing SY, Darragh T, Einstein MH, Jay N, Berry-Lawhorn JM, **Deshmukh AA**, Palefsky JM, Wilkin T, Barroso LF, Levine R, French AL, Guiot H, Cranston RD, Stier E. Screening Tests for Anal High-Grade Squamous Intraepithelial Lesion Detection in U.S. Women Living with HIV. 17th International Conference on Malignancies in HIV/AIDS (ICMH). October 2019, NIH Campus, Bethesda, MD
72. Hong YR, Cardel M, Suk R, Vaughn I, **Deshmukh AA**, Pavela G, Fisher C, Sonawane K. Teach-Back Experience and Hospitalization Risk among Patients with Ambulatory Care Sensitive Conditions: A Quasi-Experimental Study. Medical Care Section Student Paper Award. 2019 American Public Health Association (APHA) Annual Meeting and Expo. November 2019, Philadelphia, PA
73. 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 [accepted for an oral presentation]. March 2019, San Diego, CA.

Also published: ***Ann Surg Oncol*** . 26, S14-S15

1. Suk R, **Deshmukh AA**, Sonawane K, Song J, Huo JH. Racial Variation in Myelosuppression Hospitalizations among Inflammatory Bowel Disease Patients. To be presented at 2019 Crohn's & Colitis Congress, February 2019, Las Vegas, NV.

Also published: ***Gastroenterology*.** 156(3): S41

1. Suk R, Huo J, Sonawane K\*, **Deshmukh AA\*.**  Gender Differences in the Knowledge Regarding Human Papillomavirus (HPV) and Associated Cancers: HINTS-5. HINTS Data Users Conference. September 2018. Natcher Conference Center, Bethesda, MD
2. 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. The 2018 ASCO Annual Meeting. June 2018, Chicago, IL.
3. Suk R, Sonawane K, Chiao EY, Chhatwal J, Sikora AG, Sigel K, **Deshmukh AA. A**ssociation between HPV-related cancers and inflammatory bowel diseases. The 2018 ASCO Annual Meeting. June 2018, Chicago, IL. (Abstract # e13576)
4. **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, October 2017, Pittsburgh, PA
5. 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, October 2017, Pittsburgh, PA. (**Finalist for the Lee B. Lusted best student presentation award**)
6. Hong YR, Sonawane K, Holcomb D, **Deshmukh AA**. Disparities in the uptake of Colorectal Cancer Screening among Diabetic Patients by Insurance type. The 2017 American Public Health Association Annual Meeting, Atlanta GA, November 4-8, 2017.
7. Pattisapu P, Athanassaki I, **Deshmukh AA**, Mehta D, In H, Chelius D. Cost-utility Analysis of Pediatric Grave’s Therapy. American Academy of Otolaryngology-Head and Neck Surgery (AAO HNSF) Annual Meeting. September 2017. Chicago, IL
8. Hong YR, Holcombe D, Sonawane Deshmukh K, **Deshmukh AA**. Determination of uptake and barriers to colorectal cancer screening among diabetic patients. Academy Health Annual Research Meeting. June 2017. New Orleans, LA
9. Hong YR, **Deshmukh AA**. Racial and Ethnic Disparities in the Uptake of Colorectal Cancer Screening. The ISPOR 22nd Annual International Meeting, May 2017, Boston, MA
10. Pattisapu P, Chelius DC, **Deshmukh** **AA**, Mehta DK. Tonsillectomy vs. Tonsillotomy: A Cost-Effectiveness Analysis. 2017 American Society of Pediatric Otolaryngology Annual Meeting, May 2017, Austin, TX
11. **Deshmukh AA**, Chiao EY\*, Cantor SB, Stier EA, Goldstone SE, Nyitray AG, Wilkin T, Wang X, Chhatwal J. Optimal management of anal precursor in HIV-positive MSM: a clinical and cost-effectiveness analysis. The 31st International Papillomavirus Conference, February 2017, Cape Town, South Africa
12. **Deshmukh AA**, Stier EA, Lensing S, Wiley D, Cantor SB, Palefsky JM, Chiao\* EY. Age-specific prevalence of anal and cervical HPV, and anal cytology and histology in HIV-positive women. The 31st International Papillomavirus Conference, February 2017, Cape Town, South Africa
13. Wiley D, Chiao EY, Lee J, **Deshmukh AA**, Cantor SB, Palefsky J, Stier EA, Multiple-test anal HSIL screening strategies improve detection in HIV+ women. The 31st International Papillomavirus Conference, February 2017, Cape Town, South Africa
14. Wiley D, Chiao EY, Lee J, **Deshmukh AA**, Cantor SB, Palefsky J, Stier EA, Multiple-test screening strategies improve biopsy-proven HSIL-detection in HIV+ women. The 2017 Conference on Retroviruses and Opportunistic Infections (CROI), February 2017, Seattle, Washington
15. **Deshmukh AA**, Stier EA, Lensing S, Wiley D, Cantor SB, Palefsky JM, Chiao EY. Age-specific prevalence of anal and cervical HPV, and anal cytology and histology in HIV-positive women. International Anal Neoplasia Society scientific meeting, November 2016, San Francisco, CA
16. Wiley D, Chiao EY, Lee J, **Deshmukh AA**, Cantor SB, Palefsky J, Stier EA, Multiple-test anal HSIL screening strategies improve detection in HIV+ women. International Anal Neoplasia Society scientific meeting, November 2016, San Francisco, CA
17. Sonawane K, Silver N, **Deshmukh AA.** Healthy eating and likelihood of cancer-specific mortality in the US. UF Health Cancer Center Research day, November 2016, Gainesville, FL
18. **Deshmukh AA,** Cantor SB, Fenwick E, Chiao EY, Nyitray AG, Stier EA, Goldstone SE, Wilkin T, Chhatwal J. Value of future research on anal precursor management in HIV-positive men who have sex with men. UF Health Cancer Center Research day, November 2016, Gainesville, FL
19. **Deshmukh** **AA**, Cantor SB, Fenwick E, Chiao EY, Nyitray AG, Das P, Chhatwal J. Value of the addition of HPV vaccination to anal precancerous lesion treatment in older MSM—do we need further evidence? The 37th Annual Meeting of the Society for Medical Decision Making, October 2015, St. Louis, MO (Winner, Lee B. Lusted best student presentation award)
20. **Deshmukh AA**, Chhatwal J, Chiao EY, Nyitray AG, Das P, Cantor SB. Adjuvant HPV vaccination in older HIV-positive men who have sex with men for the prevention of anal cancer—long-term clinical and economic benefits. The 37th Annual Meeting of the Society for Medical Decision Making, October 2015, St. Louis, MO (Nominated as the Finalist for Lee B. Lusted best student presentation award)
21. **Deshmukh** **AA**, Cantor SB, Fenwick E, Chiao EY, Nyitray AG, Das P, Chhatwal J. HPV Vaccination of Men Who Have Sex with Men who are 27 Years or Older after Treatment for High-Grade Anal Lesion: Future Research Prioritization. ISPOR 20th Annual International Meeting, May 2015, Philadelphia, PA
22. **Deshmukh AA**, Chhatwal J, Chiao EY, Nyitray AG, Das P, Cantor SB. Long-Term Value of Adding HPV Vaccine to the High-Grade Anal Intraepithelial Neoplasia Treatment Regimen in HIV-positive Men who have Sex with Men. ISPOR 20th Annual International Meeting, May 2015, Philadelphia, PA
23. **Deshmukh AA,** Chiao EY, Das P, Cantor SB. Clinical effectiveness and cost-effectiveness of quadrivalent human papillomavirus vaccination in HIV-negative men who have sex with men to prevent recurrent high-grade anal intraepithelial neoplasia. 2014. The 36th Annual Meeting of the Society for Medical Decision Making, October 2014, Miami, FL (Nominated as Finalist for the Lee B. Lusted moderated poster session)
24. Chung TH, **Deshmukh AA**, Lairson D, Champion V. A budget impact model for a program to increase colorectal cancer screening. 2014.The 36th Annual Meeting of the Society for Medical Decision Making, Miami, FL
25. Cantor SB, **Deshmukh AA**, Krahn MD, Volk RJ. 2013. Importance, anticipated burden, and function: validity of utilities for impotence and urinary incontinence. 2013. ISPOR 18th Annual International Meeting, New Orleans, LA
26. **Deshmukh AA,** Chen A, Sonawane KB, Cantor SB. The Use of DALYs and QALYs in Outcomes Analysis. 2013. ISPOR 18th Annual International Meeting, New Orleans, LA
27. Begley C, **Deshmukh AA**, Eschbach K, Fouladi N, Liu J, Reynolds T. 2012. Impact of the Patient Protection and Affordable Care Act on Coverage. The 12th Annual Kelsey Research Foundation Health Services and Outcome Research Conference, Houston, TX

**EDITORIAL BOARD**

01/2022 – present Invited Guest Editor, BMC Medicine

07/2022 – present Academic Editor, PLOS Medicine

**Ad-hoc manuscript reviewer for:**

Notable recognition: *Annals of Internal Medicine (Outstanding reviewer of 2020, 2021)*

*American Journal of Preventative Medicine (AJPM)*

*American Journal of Public Health (AJPH)*

*AIDS*

*BMC Cancer*

*BMC Infectious Diseases*

*BMC Pediatrics*

*BMJ*

*Cancer*

*Clinical Therapeutics*

*Cancer Epidemiology, Biomarkers & Prevention (CEBP)*

*Clinical Infectious Diseases (CID)*

*Epidemiology and Infection*

*European Journal of Surgical Oncology*

*Evaluation and Program Planning*

*Health Services Research*

*International Journal of Cancer (IJC)*

*International Journal of Health Policy and Management*

*JAIDS*

*JAMA*

*JAMA Network Open*

*JAMA Oncology*

*JAMA Internal Medicine*

*JCO Global Oncology*

*JNCCN*

*Journal of Clinical Oncology (JCO)*

*Journal of Infectious Diseases (JID)*

*Journal of Lower Genital Tract Disease*

*Journal of the National Cancer Institute (JNCI)*

*Lancet Regional Health—Europe*

*Medical Decision Making (MDM)*

*Nature Scientific Reports*

*New England Journal of Medicine (NEJM)*

*Papillomavirus Research*

*Pharmacoeconomics*

*PLOS Medicine*

*Preventive Medicine*

*Preventive Medicine Reports*

*Preventive Oncology and Epidemiology*

*PLOS One*

*Sexually Transmitted Infections*

*Vaccine*

*Value in Health*

**Abstract reviewer for:**

* International Papillomavirus Society (IPVS) Annual Conference, 2024
* Society for Medical Decision-Making Annual Meetings (SMDM), 2016 – Present
* American Society for Preventive Oncology (ASPO), 2022 – Present
* Annual Gator Healthcare Forum, Florida Blue Center on Health Care Quality, North Florida Chapter of the American College of Healthcare Executives, Department of Health Services Research Management and Policy, University of Florida, FL, 2017
* Annual Gator Healthcare Forum, Florida Blue Center on Health Care Quality, North Florida Chapter of the American College of Healthcare Executives, Department of Health Services Research Management and Policy, University of Florida, FL, 2018

**TEACHING**

**Department of Public Health Sciences, Medical University of South Carolina**

**BMTRY725 Grant Development in Clinical Research (Effort: 100%; credit: 2).**

* Spring 2024

**UTHealth School of Public Health**

**PHD 3998 Decision Analysis in Public Health and Medicine (Effort: 100%; credit: 3)**

* Spring 2019, Spring 2020, Spring 2021, Spring 2022

**Guest lectures**

**PH 3915 Methods for Economic Evaluation.**

* Introduction to Clinical Decision Science. Fall 2018, Fall 2019, Fall 2020, Fall 2021, Fall 2022
* Advanced methods to address uncertainty when handling patient-level data in cost-effectiveness analysis. Fall 2012, Fall 2013
* Budget impact analysis. Fall 2012, Fall 2013, Fall 2014, Fall 2015
* Midterm exam review. Fall 2012, Fall 2013, Fall 2014, Fall 2015

**PH 3920 Health Services Delivery and Performance.**

* Applied cost-effectiveness analysis using TreeAge (decision-analytic software). Spring 2013
* Decision-making and cost-effectiveness analysis in health care. Spring 2013

**University of Florida**

**Health Economics (Spring 2017),** Department of Health Services Research, Management and Policy, College of Public Health & Health Professions, University of Florida, Spring 2017, Spring 2018

**Healthcare cost and financing (Fall 2018)**, Department of Health Services Research, Management and Policy, College of Public Health & Health Professions, University of Florida, Fall 2017

**Advance Health Economics (Independent study)**, Department of Health Services Research, Management and Policy, College of Public Health & Health Professions, University of Florida, Spring 2017, Spring 2018

**Journal Club**, Department of Health Services Research, Management and Policy, College of Public Health and Health Professions, University of Florida, Fall 2016

**MENTORING/ADVISING**

**Faculty mentoring**

|  |  |  |  |
| --- | --- | --- | --- |
| **Faculty** | **Position/Institution** | **Period** | **Role** |
| Haluk Damgacioglu, PhD | Assistant Professor Public Health Sciences, Medical University of South Carolina | 2022 – present | Faculty mentor |
| Kalyani Sonawane, PhD | Associate Professor, Public Health Sciences, Medical University of South Carolina | 2021 – present | K01 Mentoring Committee  NIHMD K01 [MD016440](https://reporter.nih.gov/search/bGz_r8jgdUOGOR2zymtHKQ/project-details/10282896) **Awarded in the first attempt** (Harnessing Big Data to Identify Geographic Clusters of Low-income children with Poor HPV Vaccination Rates) |
| Thomas Curran, MD | Assistant Professor of surgery, Division of Colon and Rectum Surgery, Medical University of South Carolina | 2022 – Present | NCI P30 Career development award mentoring committee |
| Colleen Donahue, MD | Assistant Professor of surgery, Division of Colon and Rectum Surgery, Medical University of South Carolina | 2022 – Present | Anal HPV and precancers among immunocompromised persons |
| Macelyn Batten, DO | Medical resident, Medical University of South Carolina | 2024 – Present | Health outcomes research and cancer health disparities |
| Gizem S. Nemutlu, PhD | Assistant Professor of Data Analytics  Brandeis University International Business School | 2020 – 2022 | Mentor for research in HPV-associated cancer simulation modeling |
| Marievelisse Soto, DrPh, MS | Assistant Professor Centro Comprensivo de Cancer de la Universidad de Puerto Rico / UPR Comprehesive Cancer Center | 2021 – 2022 | Mentoring Committee: UPR/MDACC Partnership for Excellence in Cancer Research U54 (U54CA096297) Diversity Supplement |
| Min Ji Kwak,  MD, DrPh | Assistant Professor, Geriatric And Palliative Medicine, Department of Internal Medicine, McGovern Medical School, UTHealth | 2020 – 2021 | K01 mentoring committee |
| Susie X. Sun, MD | Assistant Professor, Department of Breast Surgical Oncology, Division of Surgery, MD Anderson Cancer Center | 2019 – 2021 | Topic: Effectiveness and cost-effectiveness of treatment for ductal carcinoma in situ |
| Angela Mazul, PhD, MPH | Assistant Professor, Washington University School of Medicine in St. Louis | 2020 – 2021 | Topic: Epidemiology of HPV-associated cancers among men |
| Stephanie Yi, MD, MPH, FACS | Houston Methodist Department of Surgery - Transplant | 2020 – 2021 | Mathematical modeling: Evaluating the association between age and cost in simultaneous pancreas and kidney transplantation |
| Sarah P. Huepenbecker, MD | Fellow Physician, Gynecologic Oncology & Reproductive Medicine, MD Anderson Cancer Center | 2020 – 2021 | Cost-effectiveness of management strategies after first-line treatment of women with epithelial ovarian cancer |

**Postdoctoral Fellows**

***Direct Mentoring (current)***

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Institution** | **Period** | **Role and Project Area** |
| Ashvita Garg | Public Health Sciences, Hollings Cancer Center, Medical University of South Carolina | September 2022 – Present | Primary and secondary cancer prevention among high-risk, underserved, and minority groups: Quantitative and Qualitative research |
| Poria Dorali | Public Health Sciences, Hollings Cancer Center, Medical University of South Carolina | August 2023 | Disease simulation modeling and personalized cancer prevention |

***Direct Mentoring (past)***

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Role and Project Area** | **Period** | **Current Position** |
| Zahed Shahmoradi, PhD | CADSci lab, Center for Health Services Research, UTHealth School of Public Health | October 2021 – September 2022 | Operations Research Analyst, Norfolk Southern Corporation, Atlanta, Georgia |
| Haluk Damgacioglu, PhD | Mentor, CADSci lab, Center for Health Services Research, UTHealth School of Public Health | Oct 2019 – March 2022 | Assistant Professor, Department of Public Health Sciences, Medical University of South Carolina |
| Ryan Suk,  PhD | Mentor, Data Analytics pertaining to HPV-associated cancer epidemiology and prevention | March 2021 –  July 2021 | Assistant Professor, Assistant Professor, Nell Hodgson Woodruff School of Nursing, Emory University |
| Gizem S. Nemutlu, PhD | Co-mentor with Dr. Jagpreet Chhatwal, Ph.D. Anal cancer simulation modeling | July 2018 – Aug 2020 | Assistant Professor of Data Analytics, Brandeis University International Business School |
| Chi-Fang Wu,  PhD | Mentor, CADSci lab, Center for Health Services Research, UTHealth School of Public Health | May 2020 – present | Senior Statistical Analyst,  MD Anderson Cancer Center |

***Mentoring Committee***

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Institution** | **Period** | **Project/Area** |
| Jeslie M. Romos Cartagenga, MS | University of Puerto Rico Cancer Center | Fall 2023 | R01 Diversity Supplement submitted (Role: Mentor) Title: Survivorship and cost of care of cervical cancer patients in Puerto Rico in association with cervical cancer screening |
| Hadley Smith, PhD | Baylor College of Medicine | May 2020 – August 2021 | K99/R00 Mentoring Team/Collaborator |
| Trisha Amboree, PhD | Baylor College of Medicine / MD Anderson Cancer Center | August 2022 – Current | Postdoctoral fellowship mentoring team (publications in the *International Journal of Cancer* and *JAMA Internal Medicine*) |

**Medical Students**

***Direct Mentoring (current)***

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Institution** | **Period** | **Role and Project Area** |
| Chandler Curtis | Medical University of South Carolina | August 2023 – Present | Mortality outcomes among cancer survivors |
| Brandon Bui | Medical University of South Carolina | February 2023 – Present | Using cancer registries to understand disparities in cancer burden |

**Doctoral dissertation committee**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Institution** | **Period** | **Role** |
| Yueh-Yun Lin | Management, Policy & Community Health, UTHealth School of Public Health | 2019 – 2023 | Dissertation Chair, The survivorship and burden of human papillomavirus-associated cancers in the United States |
| Ryan Suk, MS | Management, Policy & Community Health, UTHealth School of Public Health | 2016 – 2021 | Dissertation Chair, Human papillomavirus-associated cancers in inflammatory bowel disease patients |
| Jackson, Nsikak M | Management, Policy & Community Health, UTHealth School of Public Health | 2019 – 2021 | Dissertation Supervisor, Cost-Effectiveness Analysis of the Treatment Options in the Management of Sickle Cell Disease in Children 10 to 18years old; Expected graduation |
| Anjana Mohan | Pharmaceutical Health Outcomes and Policy, University of Houston College of Pharmacy | 2020 – 2022 | Dissertation Committee Member, Estimating the effect of adherence to direct oral anticoagulants on health outcomes among patients with atrial fibrillation |
| Maria Pena | Management, Policy & Community Health, UTHealth School of Public Health | 2020 – present | Dissertation Committee Member, Economic evaluation of tele-mental health among Medicare beneficiaries with major depression |
| Susan Parker | Epidemiology, UTHealth School of Public Health | 2021 – present | Dissertation Committee Member, Cervical Cancer Screening and Primary Care Attendance in the COVID Era:  Who is Falling Through the Cracks in a Safety-Net Healthcare System? |
| Poria Dorali | Industrial Engineering, University of Houston | 2022 – present | Optimal Design of a Diabetic Retinopathy Screening Program |
| Yun Qing | Biostatistics, UTHealth School of Public Health | 2020 - 2022 | A Bayesian Phase II Piecewise Exponential Design for monitoring time-to-event endpoints |

**Academic advisor**

**Doctoral**

* Victoria Roy, Department of Public Health Sciences, Medical University of South Carolina (Fall 2023 – Present)
* Yueh-Yun (Lynda) Lin, UTHealth School of Public Health (Fall 2019 – Summer 2023)
* Ryan Suk, MS,

University of Florida (Fall 2016 – Fall 2018)

UTHealth School of Public Health (Fall 2018 – Fall 2020)

**Masters**

* Myranda Rapport, Department of Public Health Sciences, Medical University of South Carolina (Fall 2022 – Fall 2023)
* Amreen Ali, UTHealth School of Public Health (Fall 2019 – June 2022)
* Jalon Chambers, UTHealth School of Public Health (Spring 2021 – June 2022)
* Ana Elizabeth Delgado (Spring 2021 – June 2022)
* Aaron Mathews (Spring 2021 – June 2022)
* Karen Restrepo, University of Florida, Graduated Spring 2017
* Abhishek Giri, University of Florida, Graduated Summer 2017
* Ryan McGuire, University of Florida, Graduated Spring 2018

**Graduate assistant (GA) sponsorship/research project supervisor**

* Yueh-Yun (Lynda) Lin, UTHealth School of Public Health (Fall 2019 – Present)
* Shiang Shiuan (April) Shyu, UTHealth School of Public Health (Fall 2021 – Present)
* Madhura Shah (Spring 2022)
* Ryan Suk, MS, UTHealth School of Public Health (Fall 2018 – Dec 2020)
* Chi-Fang Wu, MS, UTHealth School of Public Health (Summer 2019 – Spring 2020)
* Lou Weaver, UTHealth School of Public Health (Spring 2019 – Summer 2021)
* Yenan Zhu, MS, UTHealth School of Public Health (Summer 2019)
* An Kieu, UTHealth School of Public Health (Fall 2020 – Summer 2021)

**Predoctoral Fellows**

* Daniel Perez (MD Anderson Cancer Prevention and Population Science summer trainee program; Summer 2022)
* Kevin J. Ortiz-Ramos (MD Anderson Cancer Prevention and Population Science summer trainee program; Summer 2021)

**Dissertation reader**

* Lu Zhang, UTHealth School of Public Health, Impact of the expanded bundled payment policy on the usage of dialysis initiation, erythropoiesis-stimulating agents, and Medicare expenditure, Expected graduation: Summer 2020
* Wafaa Abbasi; MD, Boston University School of Medicine, Title: Recurrence of anal high-grade squamous intraepithelial neoplasia post-treatment in HIV-positive women), Spring 2018

**Other independent project advising/mentoring**

* Sehej Kaur Hara, MPH, BDS (Spring 2020) (Registry data analysis)
* Tong Han Chung, Ph.D., Role: Co-mentored (with Dr. David R. Lairson) development of a budget impact model for a web-based program to increase colorectal cancer screening, 2015-2016
* Young-Rock Hong, MPH (2016 – 2018)
  + Excess Costs and Economic Burden of Obesity-Related Cancers in the United States. Published in Value in Health (see publications)
  + Disparities in the uptake of Colorectal Cancer Screening among Diabetic Patients by Insurance type (see publications)

**PROFESSIONAL MEMBERSHIPS**

2022 – present Member, South Carolina Cancer Alliance

2020 – present Member, American Society of Preventive Oncology (ASPO)

2020 – present Member, American Association of Cancer Research (AACR)

2016 – present Member, International Anal Neoplasia Society (IANS)

2016 – present Member, International Papillomavirus Society (IPV)

2013 – present Member, Society for Medical Decision Making (SMDM)

2011 – present Member, International Society of Pharmacoeconomics and Outcomes Research (ISPOR)

**GRANT REVIEWS**

**National Study Sections and Review Panels**

2024 Reviewer, NIH Health Services: Quality and Effectiveness (HSQE) study section

2024 Reviewer, NIAID Clinical Trial Implementation Cooperative Agreement (U01 Clinical Trial Required) 2024/10 ZAI1 SA-A (S2)

2023 Alternative chair, Reviewer, NCI Health Services: Special Emphasis Panel. ZRG1 HSS-B (90) S Risk Prediction and Clinical Decision Support.

2023 Reviewer, NCI Special Emphasis Panel. Cancer Screening Research Network: Clinical Research Cooperative Agreements. Accrual, Enrollment, and Screening Site (PAR-23-020), Statistics and Data Management Center (PAR-23-021), and Coordinating and Communication Center (PAR-23-022)

2023 Reviewer, NCI Special Emphasis Panel review meeting on HIV/Cervical Cancer Prevention ‘CASCADE’ Clinical Trials UG1 Clinical Sites (RFA-CA-21-047)

2022 Reviewer, NCI Special Emphasis Panel review meeting on HIV/Cervical Cancer Prevention ‘CASCADE’ Clinical Trials Network in response to U24 Coordinating Center (RFA-CA-21-045), UG1 Research Bases (RFA-CA-21-046) and UG1 Clinical Sites (RFA-CA-21-047)

2022 Reviewer, NIH Health Services Organization, Delivery, Quality and Effectiveness (ZRG1 HDM-L (90))

**International Study Sections and Review Panels**

2023 Reviewer, NZ5 (human and animal noninfectious diseases) panel, National Science Center, Poland

2022 Reviewer, NZ5 (human and animal noninfectious diseases) panel, National Science Center, Poland

**COMMITTEE AND ADMINISTRATIVE ROLES/SERVICE**

**International/National**

2024 Program planning committee, 19th International Conference on Malignancies in HIV/AIDS (ICMH). The Office of HIV and AIDS Malignancy. National Cancer Institute.

2024 – Present External Advisor, U54 CA277834. Partnership to Assess Viral and Immune Landscape Intersections with Oncology for People Living with HIV (PAVILION).

PIs: Anna Giuliano (Moffitt Cancer Center), Margaret Borok (Harare, Zimbabwe), and Hennie Botha (Stellenbosch University, South Africa)

2022 Program planning committee, 18th International Conference on Malignancies in HIV/AIDS (ICMH). The Office of HIV and AIDS Malignancy. National Cancer Institute.

2023 – Present Co-Chair, Task Force on Guidelines Committee, International Anal Neoplasia Society (IANS)

2019 – Present Member, Task Force on Guidelines Committee, International Anal Neoplasia Society (IANS)

2019 – 2021 Member, Membership Committee, Society for Medical Decision Making

2021 Co-chair, Research Workshop: Update on epidemiology of HPV-related cancer and pre-cancer. The 34th International Papillomavirus Conference

2020 Judge, Lee B. Lusted Award, Society for Medical Decision Making annual meeting (held virtually)

**Institutional**

**Medical University of South Carolina**

* Catchment area committee, Hollings Cancer Center (2022 – Present)
* Catchment area data visualization tool (SC-SPOT: South Carolina-Cancer Surveillance for Population Health Research and Outreach Tool) development working group, Hollings Cancer Center (2022 – Present)
* Admissions Committee, Department of Public Health Sciences (2023 - Present)
* Reviewer, Hollings Postdoctoral Fellowship (2023)

**UTHealth School of Public Health** (2018 – 2022)

* Faculty Search Committee Member, Health Policy, Management, Policy, & Community Health, UTHealth School of Public Health
* Faculty Search Committee Member, Health Economics and Health Services Research, Management, Policy, & Community Health, UTHealth School of Public Health
* Grant Reviewer for UTHealth Front of the Envelope (FOTE) grant application 2019, UTHealth School of Public Health
* Member, Scholarship Committee, Management, Policy, & Community Health, UTHealth School of Public Health
* Member, Admissions Committee, Management, Policy, & Community Health, UTHealth School of Public Health
* UTSPH Website design Committee
* Faculty co-mentor for the ISPOR student chapter at UTSPH, Management, Policy, & Community Health, UTHealth School of Public Health

**University of Florida** (2017 – 2018)

* Faculty Search Committee Chair, Department of Health Services Research Management and Policy, University of Florida, FL, 2018
* Workshop moderator, Annual Gator Healthcare Forum, Florida Blue Center on Health Care Quality, North Florida Chapter of the American College of Healthcare Executives, Department of Health Services Research Management and Policy, University of Florida, FL, 2018
* Faculty Search Committee member, Department of Health Services Research Management and Policy, University of Florida, FL, 2016 – 2017
* Reviewer, 2017 Cancer Population Sciences Pilot Award, UF Health Cancer Center Population Science, University of Florida, Gainesville FL
* Workshop moderator, Annual Gator Healthcare Forum, Florida Blue Center on Health Care Quality, North Florida Chapter of the American College of Healthcare Executives, Department of Health Services Research Management and Policy, University of Florida, FL, 2017
* Co-chair, Speaker Workgroup, UF Health Cancer Center Population Sciences, University of Florida, Gainesville, FL, 2017 – 2018

**MD Anderson Cancer Center** (2015 – 2019)

* Reviewer, The 2019 NCI funded R25E Summer Research Program in Cancer Prevention, Division of Cancer Prevention and Population Sciences, The University of Texas MD Anderson Cancer Center, Houston, TX
* Chair, Review Committee, 2016 Outstanding Mentor in Cancer Prevention Award, Division of Cancer Prevention and Population Sciences, The University of Texas MD Anderson Cancer Center, Houston, TX
* Reviewer, 2015 Outstanding Mentor in Cancer Prevention Award, Division of Cancer Prevention and Population Sciences, The University of Texas MD Anderson Cancer Center, Houston, TX
* Reviewer, 2015 Student Elevator Speech Competition, Division of Cancer Prevention and Population Sciences, The University of Texas MD Anderson Cancer Center, Houston, TX

**MEDIA COVERAGE/INTERVIEWS**

* **HPV and Anal Cancer Foundation:** [Dr. Ashish Deshmukh Speaks About His Work & What Drives Him](https://www.analcancerfoundation.org/news/anal-cancer-researcher-dr-ashish-deshmukh-speaks-about-his-work-and-what-drives-him/)
* **South Carolina News:** [2YH: How the HPV vaccine can save your life](https://www.counton2.com/news/south-carolina-news/2yh-how-the-hpv-vaccine-can-save-your-lif/)… by Megan Fee
* **NY Times:** [The HPV Vaccine Prevents Cancer, but Most Kids Don’t Receive It](https://www.nytimes.com/2021/12/13/well/live/hpv-vaccine-children.html)
* **NY Times: “**[Even a Single Dose of HPV Vaccine May Provide Protection](https://www.nytimes.com/2020/01/06/well/live/even-a-single-dose-of-hpv-vaccine-may-provide-protection.html)”…by Nicholas Bakalar
* **CNN: “**[Just 1 dose of the HPV vaccine may protect against infection, new study suggests](https://www.cnn.com/2019/12/27/health/hpv-vaccine-dose-study/index.html)”… by Jacqueline Howard
* **NCI’s Cancer Current Blog: “**[Anal cancer incidence and deaths are rising in the United States](https://www.cancer.gov/news-events/cancer-currents-blog/2019/anal-cancer-incidence-mortality-rise)”
* **CNN:** “[Anal cancer rates and deaths are climbing in the US, study says](https://www.cnn.com/2019/11/19/health/anal-cancer-incidence-death-increase-study/index.html)”… by Kristen Rogers
* **Today/NBC:** “[What are the symptoms of anal cancer? Disease is on the rise in the U.S.](https://www.today.com/health/what-are-symptoms-anal-cancer-disease-rise-u-s-t167679)”… by Agnes Pawlowski
* **NYPost:** “[Study shows ‘concerning’ spike in anal cancer among Americans](https://nypost.com/2019/11/20/study-shows-concerning-spike-in-anal-cancer-among-americans/)”… by Yaron Steinbuch
* **NBC:** “[Most adults unaware of the link between HPV and oral, penile and anal cancers](https://www.nbcnews.com/health/sexual-health/most-adults-unaware-link-between-hpv-oral-penile-anal-cancers-n1054796)”… by Erika Edwards
* **The Philadelphia Inquirer (also published by the Chicago Tribune):** “[Americans continue to be ignorant or indifferent about the cancer-preventing HPV vaccine](https://www.inquirer.com/health/hpv-vaccine-gardasil-cancer-prevention-20190918.html)”… by Marie McCullough
* **US News and World Report:** “[Most Americans in the Dark About Cancer-Causing HPV, Survey Finds](https://www.usnews.com/news/health-news/articles/2019-09-16/most-americans-in-the-dark-about-cancer-causing-hpv-survey-finds)”… by Steven Reinberg
* **US News and World Report:** Vaccines Have Slashed Rates of HPV Infection in Young American Women
* **US News and World Report:** [Throat Cancers Tied to HPV Are Rising Among U.S. Men, Women](https://www.usnews.com/news/health-news/articles/2021-12-21/throat-cancers-tied-to-hpv-are-rising-among-u-s-men-women)
* **Houston Chronicle:** [Many still in the dark about HPV vaccine](https://www.pressreader.com/usa/houston-chronicle-sunday/20190922/281745566104640)
* **MEDPAGE**: “[Incidence of Second Primary HPV-associated Cancers Found Significant: Persistent HPV infection at multiple sites may be responsible](file:///\\uctnascifs.uthouston.edu\sph_users$\adeshmukh\Deshmukh-UTHSC\CV\CV%20UTHSC\Experimental%20Nov%2019\Incidence%20of%20Second%20Primary%20HPV-associated%20Cancers%20Found%20Significant:%20Persistent%20HPV%20infection%20at%20multiple%20sites%20may%20be%20responsible)”… by Wayne Kuznar
* **CBS News:** “[Eating a high-quality diet could cut cancer survivors’ risk of death by 65 percent](http://www.ozarksfirst.com/news/today-s-top-medical-news-june-6-2018/1221720227)”…by Meg Oliver
* **US News and World Report:** “[Balanced Diet May Be Key to Cancer Survival](https://health.usnews.com/health-care/articles/2018-06-12/balanced-diet-may-be-key-to-cancer-survival)”…by Alan Lopez
* **NY Times:** “[7 Million American Men Carry Cancer-Causing HPV Virus](https://www.nytimes.com/2017/10/16/well/live/7-million-american-men-carry-cancer-causing-hpv-virus.html)”…by Nicholas Bakalar
* **CNN:** “[One in nine American men has oral HPV, study finds](http://www.cnn.com/2017/10/16/health/oral-hpv-infections-men-study/index.html)”…by Susan Scutti
* **CNN:** “[1 in 9 men have oral HPV, but we can fix this](https://www.cnn.com/2017/10/19/opinions/how-to-prevent-hpv-bassett-opinion/index.html)”…Mary T. Bassett
* **TIME:** “[1 in 9 Men Have Oral HPV](http://time.com/4983675/human-papillomavirus-oral-hpv/)”…by Alexandra Sifferlin
* **Forbes:** “[Men Found Six Times More Likely Than Women To Have Highest Risk HPV Infection](https://www.forbes.com/sites/tarahaelle/2017/10/17/men-six-times-more-likely-than-women-to-have-highest-risk-hpv-infection/#301432132de0)”…by Tara Haelle
* **CBS News:** “[1 in 9 American men are infected with oral HPV](https://www.cbsnews.com/news/1-in-9-american-men-are-infected-with-oral-hpv/)”…by Steven Reinberg
* **NBC Nightly News:** “[A Silent Epidemic of Cancer Is Spreading Among Men](https://www.nbcnews.com/health/health-news/silent-epidemic-cancer-spreading-among-men-n811466)”…by Maggie Fox
* **The Philadelphia Inquirer:**  “[HPV is causing an oral cancer epidemic in men by outwitting natural defenses](http://www.philly.com/philly/health/hpv-is-causing-an-oral-cancer-epidemic-in-men-by-outwitting-natural-defenses-20180309.html)”…by Marie McCullough
* **Los Angeles Times/Chicago Tribune:** “[How the anal cancer epidemic in gay and bi HIV-positive men can be prevented](http://www.latimes.com/sns-how-the-anal-cancer-epidemic-in-gay-and-bi-hiv-positive-men-can-be-prevented-80358-20170926-story.html)”
* **American Association of Cancer Institute’s News UPDATE (October 2017):** “[Timely Treatment of Lesions That May Cause Anal Cancer Can Cut Risk by 80 Percent](http://www.aaci-cancer.org/update/2017_10update.asp)”
* **US News and World Report:** “[Why Treating Breast Cancer With Less May Be More](https://www.usnews.com/news/healthcare-of-tomorrow/articles/2017-06-15/why-treating-breast-cancer-with-less-may-be-more)”
* **ASCO Post:** [Study Finds Hypofractionated Whole-Breast Irradiation Leads Breast Cancer Radiation Therapies in Cost-Effectiveness, Quality of Life](http://www.ascopost.com/News/55686)
* **American Association of Cancer Institute’s News UPDATE (June 2017):** [Study Finds One Breast Cancer Radiation Therapy Leads Others in Cost-Effectiveness, Quality of Life](http://www.aaci-cancer.org/update/2017_06update.asp)
* **Inverse:** [The HPV guide for men](https://www.inverse.com/mind-body/the-hpv-guide-for-men)
* **Noman:** [Piece of the continent #13: Dr. Ashish A. Deshmukh](https://www.nomancampaign.org/post/pieces-of-the-continent-13-dr-ashish-deshmukh)
* **MEDPAGE:** [Is one HPV vaccine dose enough](https://www.medpagetoday.com/infectiousdisease/stds/84178)
* **HealthDay:** [Could 1 Dose of HPV Vaccine Be Enough?](https://consumer.healthday.com/cancer-information-5/cervical-cancer-news-95/could-1-dose-of-hpv-vaccine-be-enough-753348.html)
* **Today (NBC):** [New cases of HPV-related cancer increasing very rapidly in the US](https://www.today.com/health/what-are-symptoms-anal-cancer-disease-rise-u-s-t167679?cid=public-rss_20191123).
* **NYPost:** [Study shows ‘concerning’ spike in anal cancer among Americans](https://nypost.com/2019/11/20/study-shows-concerning-spike-in-anal-cancer-among-americans/)
* **Medical Daily:** [Anal Cancer Symptoms To Watch Out For Amid Surge In US Cases](https://www.medicaldaily.com/anal-cancer-symptoms-watch-out-amid-surge-us-cases-446092)
* **NY Daily News:** [Anal cancer rates rising and it can be prevented: study](http://www.nydailynews.com/life-style/health/ny-anal-cancer-hpv-rates-mortality-increase-squamous-cell-carcinoma-20191121-fsmgaek2z5fodbrk5afx2xgqs4-story.html)
* **Yahoo:** [Anal cancer rises by up to 111% in the UK - these are the symptoms to look out for](https://www.yahoo.com/entertainment/anal-cancer-rises-by-up-to-111-in-the-uk-these-are-the-symptoms-to-look-out-for-145342465.html)
* **Fox News:** [Anal cancer cases and deaths are rising significantly in the US, study finds](https://www.fox5ny.com/news/anal-cancer-cases-and-deaths-are-rising-significantly-in-the-us-study-finds)
* **The Hill:** “[Cervical cancer increasing among women in poor areas, new report finds](file:///C:\Users\deshmukha\Downloads\-%09https:\thehill.com\policy\healthcare\4430246-cervical-cancer-increasing-women-poor-areas-new-report-finds\)”
* **US News and World Report:** [Cervical cancer rates are on the rise among the poor](https://www.usnews.com/news/health-news/articles/2024-01-26/cervical-cancer-rates-are-on-the-rise-among-the-poor)
* **MedicalExpress:** [Anal cancer rates and mortality have risen dramatically among Americans: study](https://medicalxpress.com/news/2019-11-anal-cancer-mortality-risen-americans.html)
* **Healio**: [More than 70% of US adults are not aware of HPV cancer risks](https://www.healio.com/pediatrics/vaccine-preventable-diseases/news/online/%7Bb07b79ea-1699-4c48-ba5d-5459c54d9625%7D/more-than-70-of-us-adults-are-not-aware-of-hpv-cancer-risks)
* **AJMC:** [Most American Adults Are Unaware of HPV-Related Cancers, Indicating Need for Heightened Awareness](https://www.ajmc.com/focus-of-the-week/most-american-adults-are-unaware-of-hpv-related-cancers-indicating-need-for-heightened-awareness)
* **Medscape:** Physicians [Still Weak on HPV Vaccine Delivery, Despite Benefits](https://www.medscape.com/viewarticle/918502)
* **Medical Daily:** [Men Largely Unaware That HPV Causes Various Cancers, Study Finds](https://www.medicaldaily.com/men-unaware-hpv-causes-various-cancers-study-442680?utm_source=Public&utm_medium=Feed&utm_campaign=Distribution)
* **Popular Science:** [Most people don't know the true dangers of HPV](https://www.popsci.com/hpv-vaccine-cancer-awareness/)
* **CBS News:** [Eating a high-quality diet could cut cancer survivors’ risk of death by 65 percent](http://www.ozarksfirst.com/news/today-s-top-medical-news-june-6-2018/1221720227)
* **US News and World Report:**[Balanced Diet May Be Key to Cancer Survival](https://health.usnews.com/health-care/articles/2018-06-12/balanced-diet-may-be-key-to-cancer-survival)
* **Medical Express:** [Prevalence of oral HPV infection higher for U.S. men](https://medicalxpress.com/news/2017-10-prevalence-oral-hpv-infection-higher.html)
* **ABC News:** [One in nine American men has oral HPV, study finds](https://www.abc15.com/news/national/one-in-nine-american-men-has-oral-hpv-study-finds)
* **WPTV:** [One in nine American men has oral HPV, study finds](https://www.wptv.com/news/national/one-in-nine-american-men-has-oral-hpv-study-finds)
* **Los Angeles Times:**[How the anal cancer epidemic in gay and bi HIV-positive men can be prevented](http://www.latimes.com/sns-how-the-anal-cancer-epidemic-in-gay-and-bi-hiv-positive-men-can-be-prevented-80358-20170926-story.html)
* **American Association of Cancer Institute’s News UPDATE (October 2017):**[Timely Treatment of Lesions That May Cause Anal Cancer Can Cut Risk by 80 Percent](http://www.aaci-cancer.org/update/2017_10update.asp)
* **US News and World Report:**[Why Treating Breast Cancer With Less May Be More](https://www.usnews.com/news/healthcare-of-tomorrow/articles/2017-06-15/why-treating-breast-cancer-with-less-may-be-more)
* **ASCO Post:** [Study Finds Hypofractionated Whole-Breast Irradiation Leads Breast Cancer Radiation Therapies in Cost-Effectiveness, Quality of Life](http://www.ascopost.com/News/55686)
* **American Association of Cancer Institute’s News UPDATE (June 2017):** [Study Finds One Breast Cancer Radiation Therapy Leads Others in Cost-Effectiveness, Quality of Life](http://www.aaci-cancer.org/update/2017_06update.asp)
* **The Huffington Post:** Here’s How The HPV Vaccine Can Help Cut The Risk Of Cancer In Gay Men

**Date:** August 14, 2024