

Kalyani Sonawane, PhD

CURRICULUM VITAE

UTHealth School of Public Health
Center for Health Services Research
Center for Healthcare data
1200 Pressler St, RAS E-1013
Houston, TX 77030
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EDUCATION

- 2015 Ph.D. Auburn University, AL, USA
Major: Health Outcomes and Policy
Minor: Statistics
- 2010 Bachelor of Pharmacy, University of Pune, MH, India

APPOINTMENTS AND POSITION

- 2018-Present Assistant Professor (Tenure-Track)
Department of Management, Policy, and Community Health
The University of Texas Health Science Center at Houston,
Houston, TX
- 2016-2018 Clinical Assistant Professor
Department of Health Services Research, Management and Policy,
University of Florida, Gainesville, FL
- 2015 –2016 Health Outcomes Researcher
Life Sciences Research
Anthem BlueCross BlueShield, Wilmington, DE

ADMINISTRATIVE APPOINTMENTS

- 2020-Current Co-Director, Clinical Analytics and Decision Science Lab, UTHealth School of
Public Health, Houston, Texas
- 2018-Current Member, Center for Health Care Data, UTHealth School of Public Health,
Houston, Texas
- 2018-Current Member, Center for Health Services Research, UTHealth School of Public
Health, Houston, Texas
- 2017-2018 Ph.D. Program Director
Department of Health Services Research, Management and Policy, University of
Florida, Gainesville, FL

AWARDS AND HONORS

2021	Reviewer, UTH-MDA Population Health Initiative Collaborative Projects
2021	UT CoPHII HPV Vaccination Workgroup
2019	Outstanding Reviewer, Annals of Internal Medicine
2016	HealthCore Values in Action Award
2015	Best poster award finalist, ISPOR 20th Annual International Meeting
2015	Graduate School Travel Award, Auburn University
2014	Dean's Travel Award, Harrison School of Pharmacy, Auburn University
2013	Don Tillery Fellowship, Harrison School of Pharmacy, Auburn University
2013	President, Auburn University ISPOR student's chapter
2012	Outstanding International Graduate Student, Auburn University
2012	Vice-president, Auburn University ISPOR student chapter
2011	Graduate School Travel Award, Auburn University
2011	Secretary, Auburn University Indian Student Association
2010	Cultural Committee member, Auburn University Indian Student Association
2010-2015	Academic Scholarship, Auburn University

NON-PROFIT BOARDS

2020-2023	Board of Directors, The Immunization Partnership
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FUNDING INFORMATION

Current

Date: 09/2021 – 05/2024

Sponsor: National Institute on Minority Health and Health Disparities, K01MD016440

Role: Principal Investigator

Harnessing Big Data for Identifying Geographic Clusters of Low-income Children with Poor HPV Vaccination Rates

Project summary: Human papillomavirus (HPV) vaccine uptake is suboptimal among low-income children and adolescents in Texas. 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.

Date: 04/2019 – 03/2023

Sponsor: National Cancer Institute, R01CA232888

Role: Co-Investigator

PI: Ashish A. Deshmukh

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

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.

Date: 07/2021 – 06/2026

Sponsor: National Cancer Institute, R01CA256660

Role: Co-investigators

PIs: Keith Sigel, Ashish A. Deshmukh, Elizabeth Y. Chiao

Role: Co-Investigator

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

Project summary: 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 in 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.

Past

Date: 01/2019 – 08/20/21

Sponsor: Health and Human Services

Role: Co-Investigator

PI: Trudy Krause

Cross-agency Coordination on Healthcare Strategies and Measures

Project summary: Evaluation of cost, utilization, and priorities for four Texas state agencies- Health and Human Services, State of Texas Retirement Program, Teacher Retirement Services, and Department of Justice.

Date: 2/2020 – 03/2021

Sponsor: Department of Health and Human Services

Role: PI

Economic Impact of Vaccine-preventable Diseases

Project Summary: Vaccine-preventable diseases (VPDs) have resurfaced in Texas in recent years. The objective of the study was to understand the economic impact of VPDs, including the direct and indirect cost of responding to VPD outbreaks and subsequent surveillance, from the perspective of health departments and local public health agencies.

Date: 06/2016-06/2017

Sponsor: Florida Department of Health (Mainous)

Role: Co-Investigator

Resource Allocation to the School Health Services Program in Florida

Project Summary: Health services offered through schools are essential for the well-being of children and adolescents. Using data from Florida school systems, we developed a model to capture vulnerability of schools and utilized it to achieve equitable distribution of resources across schools in Florida.

PEER-REVIEWED PUBLICATIONS

*authors with equal contribution

1. **Sonawane K***, Suk R*, Chiao EY, Schmeler K, Montealegre J, Fernandez M, Deshmukh AA. Low cervical cancer screening uptake and adherence among HPV unvaccinated women in the United States: NHIS 2019. In Press.
2. Ortiz AP, Gierbolini-Bermúdez A, Ramos-Cartagena JM, Colón-López V, **Sonawane K**, Deshmukh AA, Ortiz-Ortiz KJ. Impact of Natural Disasters and the COVID-19 Pandemic on Cervical Cancer Screening Utilization in Hispanic women in Puerto Rico. In press.
3. Suk R, Hong Y, Wasserman RM, Swint M, Belinda Azenui N, **Sonawane K**, Tsai J*, Deshmukh AA*. Analysis of Suicide after Cancer Diagnosis by US County-Level Income and Rural/Urban Designation, 2000-2016. In press.
4. **Sonawane K**, Lin Y, Damgacioglu H, Zhu Y, Fernandez ME, Montealegre JR, Ganduglia Cazaban C, Li R, Lairson DR, Lin Y, Giuliano AR, Deshmukh AA. Trends in Human Papillomavirus Vaccine Safety Concerns and Adverse Event Reporting in the United States. *JAMA Network Open*. 2021. In Press.
Accompanying editorial: Osazuwa-Peters N, Rohde RL, Boakye EA. HPV Vaccination Is Safe—You Don't Have to Whisper It. *JAMA Network Open*.
5. Escobar B, Amboree TL, **Sonawane K**, Deshmukh AA, McGee LU, Rodriguez AM, Jibaja-Weiss ML, Montealegre JR. Human Papillomavirus Awareness among Foreign- and US-born Hispanics, United States, 2017-2018. *Preventive Medicine Reports*. 2021; 22 101379
6. **Sonawane K***,* Zhu Y,* Lin Y, Damgacioglu H, Lin Y, Montealegre JR, Deshmukh AA. Trends in HPV vaccine recommendations and parental intent among unvaccinated US adolescents. *Pediatrics*. 2021; 147 (3) e2020026286
7. Toliver JC, Barner JC, Lawson K, **Sonawane K**, Rascati K. Replication of a Claims-based Algorithm to Estimate Multiple Sclerosis Disease Severity in a Commercially Insured Population. *Multiple Sclerosis and Related Disorders*. 2020. Nov (46):102539
8. Deshmukh AA, Suk R, Shiels MS, Damgacioglu H, Lin Y, Stier EA, Nyitray AG, Chhatwal J, Nemutlu GS, Chiao EY, Schmeler K, Sigel K*, **Sonawane K***. Incidence trends and burden of human papillomavirus-associated cancers among women in the United States, 2001-2017. *J Natl Cancer Inst*. 2020. Aug (24):djaa128.
9. **Sonawane K**, Zhu Y, Montealegre JR, Lairson DR, Bauer C, McGee LU, Giuliano A, Deshmukh AA. Parental Intent to Initiate and Complete the HPV vaccine series in the US: findings from a nationwide cross-sectional survey. *Lancet Public Health*. 2020. 5(9): e484-e492
Accompanying editorial: Bednarczyk RA. Communications to improve intention to receive

HPV vaccine. *Lancet Public Health*.

10. **Sonawane K**, Zhu Y, Chan W, Aguilar D, Deshmukh AA, Suarez-Almazor ME. Association of Serum Folate With Cardiovascular Mortality Among Adults with Rheumatoid Arthritis. *JAMA Network Open*. 2020. 5; 3(2):e200100
11. **Sonawane K**, Nyitray AG, Nemutlu GS, Swartz M, Chhatwal J, Deshmukh AA. Prevalence of human papillomavirus infection by number of vaccine doses among US women. *JAMA Network Open*. 2019. 2; 2(12):e1918571.
12. Deshmukh AA*, Suk R*, Shields MS, **Sonawane K**, Nyitray AG, Liu Y, Gaisa MM, Palefsky J, Sigel K. Recent trends in squamous cell carcinoma of the anus incidence and mortality in the United States, 2001-2015. *J Natl Cancer Inst*. 2019. 112 (12): 829–838. [*authors contributed equally]
13. Suk R, Montealegre JR, Nemutlu G, Nyitray AG, Schmeler K, **Sonawane K***, Deshmukh AA*. Public Knowledge of Human Papillomavirus and Receipt of Vaccination Recommendations. *JAMA Pediatrics*. 2019.173(11):1099-1102.
14. Hong YR, Cardel M, Suk R, Vaughn I, Deshmukh AA, Fisher C, Pavela G, **Sonawane K**. Teach-Back Experience and Hospitalization Risk among Patients with Ambulatory Care Sensitive Conditions: A Matched Cohort Study. *Journal of General Internal Medicine*. 2019. 34(10):2176-2184
15. **Sonawane K**, Zhu Y, Balkrishnan R, Suk R, Sharrief A, Deshmukh AA, Aguilar D. Antihypertensive Drug Use and Blood Pressure Control Among Stroke Survivors in the US: NHANES 2003-2014. *Journal of Clinical Hypertension*. 2019. 21(6):766-773. DOI: 10.1111/jch.13553
16. Kern DM, Chang L, **Sonawane K**, Larmore CJ, Boytsov NN, Quimbo RA, Singer J, Hinton JT, Araujo AB. Treatment Patterns among Patients with Psoriasis using a Large National Payer Database: A Retrospective Study. *Journal of Medical Economics*. 2019. 22(1): 53-62. DOI: 10.1080/13696998.2018.1540424
17. **Sonawane K**, Chhatwal J, Deshmukh AA. Folic Acid-Containing Dietary Supplement Consumption and Risk of Cardiovascular Diseases in Rheumatoid Arthritis Patients: NHANES 1999-2014. *Journal of General Internal Medicine*. 34(1):15-16. 2019. DOI: 10.1007/s11606-018-4674-5
18. Desai R, **Sonawane K**. Depression Treatment Use Among Stroke Individuals With Depression: A Cross-sectional Analysis of the Medical Expenditure Panel Survey (MEPS). *Research in Social and Administrative Pharmacy*. 2018. 15(11):1338-1343. DOI: 10.1016/j.sapharm.2018.11.009
19. Suk R, Mahale P, **Sonawane K**, Sikora A, Chhatwal J, Schmeler K, Sigel K, Cantor SB, Chiao EY, Deshmukh AA. Second Primary HPV-associated Cancers after Index HPV-associated Cancer: Overall and Subsite-Specific Risk and Trends. *JAMA Network Open*. 1(5): e181999. 2018. DOI: 10.1001/jamanetworkopen.2018.1999

20. **Sonawane K**, Dutcher S, Hansen RA. Serious Adverse Drug Events Reported to the Food and Drug Administration (FDA): Analysis of the FDA Adverse Event Reporting System (FAERS) 2006-2014 Database. *Journal of Managed Care and Specialty Pharmacy*. 24(7): 682-690. 2018. DOI: 10.18553/jmcp.2018.24.7.682
21. Deshmukh AA, Shirvani SM, Likhacheva A, Chhatwal J, Chiao EY, **Sonawane K**. The Association Between Dietary Quality and Overall and Cancer-specific Mortality Among Cancer Survivors, NHANES III. *JNCI Cancer Spectrum*. 2(2): pky022. 2018. DOI: 10.1093/jncics/pky022
22. Kern DM, Chang L, **Sonawane K**, Larmore CJ, Boytsov NN, Quimbo RA, Singer J, Hinton JT, Araujo AB. Treatment patterns of newly diagnosed rheumatoid arthritis patients from a commercially insured population. *Rheumatology and Therapy*. 5(2):355-369. 2018. DOI: 10.1007/s40744-018-0114-6
23. Hong YR, **Sonawane K**, Holocomb H, Chen G, Deshmukh A. Effect of Multimodal Information Delivery for Diabetes Care on Colorectal Cancer Screening Uptake Among Individuals with Type 2 Diabetes. *Preventive Medicine Reports*. 11:89-92. 2018. DOI: 10.1016/j.pmedr.2018.05.008
24. Hong YR, **Sonawane K**, Larson S, Mainous III AG, Marlow NM. Impact of Provider Participation in ACO Programs on Preventive Care Services, Patient Experiences, and Health Care Expenditures in U.S. Adults Aged 18-64. *Medical Care*. 56(8):711-718. 2018. DOI: 10.1097/MLR.0000000000000935
25. **Sonawane K**, Deshmukh AA, Segal MS. Pulse Pressure, Arterial Stiffening, and Efficacy of Renin-Angiotensin System Inhibitor Combinations. 2018. *Journal of Human Hypertension*. 32(2):165-166. 2018. DOI: 10.1038/s41371-017-0014-1
26. **Sonawane K**, Suk R, Chiao EY, Chhatwal J, Qiu P, Wilkin T, et al. Oral Human Papillomavirus Infection: Differences in Prevalence Between Sexes and Concordance With Genital Human Papillomavirus Infection, NHANES 2011 to 2014. *Annals of Internal Medicine*. 167:714–724. 2017. DOI: 10.7326/M17-1363
Accompanying editorial: Gravitt PE. Unraveling the Epidemiology of Oral Human Papillomavirus Infection. *Ann Intern Med*. 2017; 167(10):748-749.
27. **Sonawane K**, Qian J, Garza KB, Wright BM, Zeng P, Ganduglia Cazaban CM, Hansen RA. Healthcare Costs Following Modification of First-Line Monotherapy – A Comparative Analysis of Titrating, Adding, and Switching Antihypertensive Drug. *Journal of Managed Care and Specialty Pharmacy*. 23(6):691-699. 2017. DOI: 10.18553/jmcp.2017.23.6.691
28. Deshmukh AA, Tanner RJ, Luetke MC, Hong Y, **Sonawane K**, Mainous III AG. Prevalence and Risk of Penile HPV Infection: Evidence from the National Health and Nutrition Examination Survey 2013-14. *Clinical Infectious Diseases*. 64(10):1360-1366. 2017. DOI: 10.1093/cid/cix159.
29. **Sonawane K**, Qian J, Garza KB, Wright BM, Zeng P, Ganduglia Cazaban CM, Hansen RA. Achieving Adherence after First-Line Antihypertensive Treatment: Should Fixed-Dose

Combinations Receive Priority? *Journal of Clinical Hypertension*. 18(9):934-941. 2016. DOI: 10.1111/jch.12799.

30. **Sonawane K**, Qian J, Garza KB, Wright BM, Zeng P, Ganduglia Cazaban CM, Hansen RA. Patterns of Treatment Modification Among Newly Treated Hypertensive Patients: Does Choice of Modification Strategy Affect The Likelihood of Treatment Discontinuation? *Journal of Hypertension*. 34(3):548-557. 2016. DOI: 10.1097/HJH.0000000000000806.
31. **Sonawane K**, Qian J, Hansen RA. Utilization Patterns of Antihypertensive Drugs among the Chronic Kidney Disease Population in the US: A Cross-Sectional Analysis of the National Health and Nutrition Examination Survey. *Clinical Therapeutics*. 2014. 37(1):188-96 DOI: 10.1016/j.clinthera. 2014.11.011.
32. Hansen RA, Zeng P, Ryan P, Gao J, **Sonawane K**, Teeter B, Westrich K, Dubois R. Exploration of Heterogeneity in Distributed Research Network Drug Safety Analyses. *Research Synthesis Methods*. 2014; 5(7): 352-370 DOI: 10.1002/jrsm.1121.
33. Eiland LS, **Sonawane K**. Vancomycin Dosing in Healthy Weight, Overweight and Obese Pediatric Patients. *Journal of Pediatric Pharmacology and Therapeutics*. 2014; 19(3):182-8.

ARTICLE COMMENTARY

Sonawane K, Troisi CL, Deshmukh AA. COVID-19 vaccination in the UK: Addressing vaccine hesitancy. *The Lancet Regional Health–Europe*. 2020.

PRESENTATIONS AND ABSTRACTS

1. 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.
2. 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.
3. 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.
4. 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**
5. 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. ***Winner AACR Minority Scholar in Cancer Research Award**

6. Hebbali N, Aande R, **Sonawane K**. Pattern and Trends of Lung and Bronchus Cancer in Texas from 2013-2017. UTSPH Research Day. April 2021.
7. **Sonawane K**, Lin Y, Damgacioglu H, Zhu Y, Fernandez M, Montealegre JR, 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. Düsseldorf, Germany. ***Special session presentation**
8. Zhu Y, **Sonawane K**, Doherty S, Parker D, Wozny J, Chukwumerije N, Azeez B, Varghese S, Hoang N, Ganduglia Cazaban C, Krause T, Savitz S. Geographic Disparities in Access to Outpatient Stroke Rehabilitation Clinics in Rural Texas. 2021. The ISPOR Annual International Meeting, Virtual.
9. 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. Gastroenterology. 2021. Crohn's & Colitis Congress.
10. 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.
11. Savitz S, Parker D, Doherty S, Wozny J, Krause T, Ganduglia-Cazaban C, Zhu Y, **Sonawane K**. Geographic Disparities in Access to Outpatient Stroke Rehabilitation Centers in Rural Southeast Texas. 2021. International Stroke Conference. Denver, CO.
12. 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. Annual Meeting of the Society for Medical Decision Making. 2020. Virtual Conference. ***Selected for Lee Lusted award**
13. 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. 2020. Virtual Conference. ***Selected for Lee Lusted award**
14. Suk R, **Sonawane K**, Sigel K, Deshmukh AA. Population-level HPV Vaccination Coverage among US Adult patients: Still not enough. 2020. Crohn's & Colitis Congress, Austin, TX.
15. Suk R, **Sonawane K**, Deshmukh AA. E-Cigarette And Cigarette Use Among U.S. Adult Ibd Patients: Population-Level Survey. 2020. Crohn's & Colitis Congress, Austin, TX
16. Vaughn I, Marlow NM, **Sonawane K**, Fillingim R, Beyth RJ. Examining Longitudinal Healthcare Utilization, Outcomes, And Satisfaction In Pre-Frail Older Adults. 2019. Gerontological Society of America. Austin, TX.

17. Suk R, Deshmukh AA, **Sonawane K**, Song J, Huo J. Racial Variation In Myelosuppression Hospitalizations Among Inflammatory Bowel Disease Patients. 2019. American Gastroenterology Association. San Antonio, TX.
18. Hong YR, Cardel M, Suk R, Vaughn I, Deshmukh AA, Fisher C, Pavela G, **Sonawane K** Teach-Back Experience and Hospitalization Risk among Patients with Ambulatory Care Sensitive Conditions: A Quasi-Experimental Study 2019. APHA Annual Meeting. Philadelphia, PA.
19. **Sonawane K**, Zhu Y, Suk R, Deshmukh A, Aguilar D. Antihypertensive Drug Use and Blood Pressure Control Among Stroke Survivors in the US: NHANES 2003-2014. UT School of Public Health Research Day. 2019. Houston, TX. ***Winner of best poster award**
20. Ryan Suk, Parag Mahale, **Kalyani Sonawane**, Andrew G. Sikora, Jagpreet Chhatwal, Kathleen Schmeler, Keith Sigel, Scott B. Cantor, Elizabeth Y. Chiao, Ashish A. Deshmukh. Risk of Second Primary HPV-associated Cancers after Index HPV-associated Cancers. 2018. American Society of Clinical Oncology. Chicago, IL, USA. ***Presented for ASCO panel discussion.**
21. Ryan Suk, **Kalyani Sonawane**, Elizabeth Chiao, Jagpreet Chhatwal, Andrew G. Sikora, Keith Sigel, Ashish A. Deshmukh. Association between HPV-related cancers and inflammatory bowel diseases. *Accepted for online publication in ASCO journal.*
22. Desai Raj, **Kalyani Sonawane**. Evaluating The Burden Of Prostate Cancer On Healthcare Utilization, Cost, and Health Status Using the Medical Expenditure Panel Survey: A Propensity Matched Score Analysis. 2018. The ISPOR 21st Annual International Meeting, Baltimore, MD, USA
23. Young-Rock Hong, **Kalyani Sonawane**, Derek Holcomb, Ashish Deshmukh. Determination of Uptake and Barrier to Colorectal Cancer Screening among Diabetic Patients. 2017. Academy Health, New Orleans, LA, USA
24. **Kalyani Sonawane**, Natalie Silver, Ashish Deshmukh. Quality of Dietary Intake and Cancer-specific Mortality among Patients Diagnosed with Cancer. 2016. University of Florida Health Cancer Center Research Day, University of Florida, Gainesville, FL, USA
25. Mwangi J Murage, David M Kern, **Kalyani Sonawane**, William N Malatestinic, Talia M Muram, Ralph A Quimbo, Andre B Araujo. Treatment Patterns among Psoriasis Patients from a Large National Payer Database: A Retrospective Study. 2016. Academy of Managed Care Pharmacy, National Harbor, MD, USA.
26. **Kalyani Sonawane**, Jingjing Qian, Kimberly Garza, Peng Zeng, Bradley Wright, Cecilia Ganduglia Cazaban, Richard Hansen. Patterns of Treatment Modifications in Newly Treated Hypertensive Patients: Does Choice of Modification Strategy Affect Likelihood of Treatment Discontinuation? 2015. The ISPOR 20th Annual International Meeting, Philadelphia, PA, USA
27. **Kalyani Sonawane**, Jingjing Qian, Richard Hansen. Serious Adverse Drug Events Reported to the Food and Drug Administration (FDA): Analysis of the FDA Adverse Event Reporting

System (FAERS) 2006-2011 Database. 2015. The ISPOR 20th Annual International Meeting, Philadelphia, PA, USA ***Best poster award finalist**

28. **Kalyani Sonawane**, Jingjing Qian, Richard Hansen. Serious Adverse Events Reported to the Food and Drug Administration: 2006-2011. 2014. Southern Pharmacy Administration Conference, Oklahoma City, OK, US
29. **Kalyani Sonawane**, Richard Hansen. Use of Antihypertensive Drugs in the Advanced Stage Chronic Kidney Disease Population in the United States. 2013. The ISPOR 18th Annual International Meeting, New Orleans, LA, USA
30. Richard A Hansen, Peng Zeng, Patrick Ryan, Juan Gao, **Kalyani Sonawane**, Benjamin Teeter, Kimberly Westrich, Robert Dubois. Exploration of Heterogeneity in Distributed Research Network Drug Safety Analyses. 2013. The ISPOR 18th Annual International Meeting, New Orleans, LA, USA
31. Ashish A. Deshmukh, Ariel Chen, **Kalyani Sonawane**, Scott B. Cantor. The Use of DALYs and QALYs in Outcomes Analysis. 2013. The ISPOR 18th Annual International Meeting, New Orleans, LA, USA
32. Wright Bradley, Marlowe Karen, **Kalyani Sonawane**, Errol Crook, Evaluation of a Collaborative Care Model for Pharmacist Interventions to Impact Medication Adherence For Hypertension in a University Ambulatory Care Setting. 2013. Alabama Society of Health System Pharmacists Summer Meeting, Destin, FL, USA
33. Dalton Walsh, **Kalyani Sonawane**, Emily Armstrong. Evaluating Clinical Pharmacist Impact on Diabetes Control: Outcomes on Hemoglobin A1c. 2013. American Society of Health-System Pharmacists, Orlando, FL, USA
34. Dalton Walsh, **Kalyani Sonawane**, Emily Armstrong. Evaluating Clinical Pharmacist Impact on Diabetes Control: Outcomes on Blood Pressure, Lipids, and Diabetic Medications. 2013. American Society of Health-System Pharmacists, Orlando, FL, USA

SEMINARS, INVITED TALKS, AND PROFESSIONAL PRESENTATIONS

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|------|---|
| 2021 | Invited Talk, University of Puerto Rico Comprehensive Cancer Center
Topic: <i>HPV vaccination in the US: Emerging Data across Socioecological Levels</i> |
| 2021 | Selected Presentation, EUROGIN Annual Meeting
Topic: <i>HPV Vaccine Safety Perceptions & Adverse Event Reporting Trends</i> |
| 2021 | Seminar Talk, Center for Health Services Research
Topic: <i>Writing an article critique: How to?</i> |
| 2020 | Invited Talk, Society of Clinical Data Management, Virtual Meeting
Topic: <i>Data analytics for HPV vaccination research</i> |
| 2020 | Invited Talk, Auburn University ISPOR Student Chapter Q&A, Online Webinar
Topic: <i>Career Q and A</i> |
| 2020 | Invited Talk, Texas Medical Association: Council on Health Care Quality, Austin, TX
Topic: <i>The Health of Texas</i> |

- 2019 Invited Talk, Texas Medical Association: Council on Health Care Quality, Austin, TX
Topic: *The Health of Texas*
- 2018 Invited Talk, UT School of Public Health, Houston, TX
Topic: *Leveraging Healthcare Data for Studying Health Outcomes*
- 2017 Invited Talk, Auburn University, Auburn, AL
Topic: *How to Succeed In Your PhD*
- 2016 Invited Talk, University of Florida College of Medicine, Gainesville, FL
Topic: *Quasi-experimental Research*
- 2015 Invited Talk, Xcenda, Palm Harbor, FL
Topic: *Outcomes of Treatment Modifications Among Newly Treated Hypertensive Patients*

TEACHING AND MENTORING

COURSES

- Instructor PH 3940: Healthcare Outcomes and Quality Research (Fall 2021)
- Instructor PHWM 3715: Management and Policy Concepts (Fall 2021)
- Instructor PHWM 3715: Management and Policy Concepts (Spring 2021)
- Instructor PH 3920 Health Services Delivery and Performance (Spring 2021)
- Instructor PH 3940: Healthcare Outcomes and Quality Research (Fall 2020)
- Instructor PHWM 3715: Management and Policy Concepts (Fall 2020)
- Instructor PHWM 3715: Management and Policy Concepts (Spring 2020)
- Instructor PH 3920 Health Services Delivery and Performance (Spring 2020)
- Instructor PH 3940: Healthcare Outcomes and Quality Research (Fall 2019)
- Instructor PHWM 3715: Management and Policy Concepts (Fall 2019)
- Instructor PHWM 3715: Management and Policy Concepts (Summer 2019)
- Guest lecture PH 3810: US Healthcare policy (Spring 2019)
- Instructor PHWM 3715: Management and Policy Concepts (Spring 2019)
- Instructor HSA 7708: Health Services Research Methods II (Spring 2018)
- Instructor HSA 6395: Healthcare Data Analytics I (Fall 2017)
- Instructor HSA 7938: Integrative Seminar (Summer 2017)
- Instructor HSA 7759: Public Health Quality and Outcomes (Spring 2017)
- Instructor HSA 6196: Healthcare Data Analytics II (Spring 2017& 2018)
- Guest lecture HSA 6436: Health Economics (Spring 2017)
- Guest lecture PYPC 7820: Research Methods in Health Sciences (Fall 2013 & 2014)

PhD/DrPH SEEKING STUDENT

- 2020 Yenan Zhu (UTSPH: Dissertation Chair)
- 2020 Daniel Edmunds (UTSPH Houston: Dissertation committee member)
- 2020 Shiyu Zhang (UT Austin: Dissertation committee member)
- 2019 Qiujun Shao (UT Austin: Dissertation committee member)
- 2019 Cassandra Enzel (UTSPH Houston: Dissertation committee member)
- 2019 Ryan Suk (UTSPH Houston: Dissertation committee member)

2019 Joshua Toliver (UT Austin: Dissertation committee member)
2018 Ivana Vaughn (UF: Dissertation committee member)

MPH SEEKING STUDENT

2021 Yui Iwase (Academic Adviser)
2021 Alexis Atanda (Academic Adviser)
2020 Carschana Laporte (Academic Adviser)
2020 Page Trotter (Academic Adviser)
2020 Alisha Paz (Academic Adviser)
2019 Madison Arenchild (Academic Adviser)
2018 Stone Marissa (Academic Adviser)
2017 Luciani Dana (Academic Adviser)

ADMINISTRATIVE SERVICES

2018-2021 Department representative, Information technology council
2019-2020 Department representative, Information technology research council
2020-2021 Member, PhD Prelims Health Services Research
2019-2021 Member, PhD Admissions Council

MEMBERSHIP

2020-Current Member, International Papillomavirus Society
2020-Current Member, International Society for Pharmacoeconomics and Outcomes Research

AD-HOC JOURNAL REVIEWER

The Lancet Regional Health, The Lancet Public Health, Gynecological Oncology, Annals of Internal Medicine, JAMA Network Open, Journal of the American Heart Association, Preventative Medicine Reports, Dermatologic Therapy, Clinical Epidemiology, Journal of General Internal Medicine, Clinical Pharmacology and Therapeutics, Drug Safety, The Annals of Pharmacotherapy, Pharmacoepidemiology and Drug Safety, American Journal of Kidney Diseases, Journal of Pharmacy Technology, Journal of Managed Care and Specialty Pharmacy, The Journal of Clinical Hypertension, Clinical Gastroenterology and Hepatology, Journal of Primary Prevention

SCIENTIFIC ABSTRACT REVIEWER

Gator Healthcare Forum (2016), ISPOR 22nd Annual International Meeting (2017), ISPOR 6th Latin America Conference (2017), ISPOR 20th Annual European Congress (2017), AMCP Nexus (2017), AMCP (2018)

SELECTED MEDIA

- American Public Health Association: [HPV vaccine hesitancy on the rise among parents](#)
- US News: [More Parents Balking at Giving Kids Cancer-Fighting HPV Vaccine](#)
- Philadelphia Inquirer: [Most parents of unvaccinated teens have no intention of getting HPV vaccine for their kids, study finds](#)

- NY Times: [Even a Single Dose of HPV Vaccine May Provide Protection](#)
- CNN: [Just 1 dose of the HPV vaccine may protect against infection, new study suggests](#)
- MEDPAGE: [Is one HPV vaccine dose enough](#)
- HealthDay: [Could 1 Dose of HPV Vaccine Be Enough?](#)
- CNN: [Anal cancer rates and deaths are climbing in the US, study says](#)
- NBC: [What are the symptoms of anal cancer? Disease is on the rise in the U.S.](#)
- Today (NBC): [New cases of HPV-related cancer increasing very rapidly in the US.](#)
- NYPost: [Study shows 'concerning' spike in anal cancer among Americans](#)
- NBC News: [Most adults unaware of link between HPV and oral, penile and anal cancers](#)
- NY Times: [7 Million American Men Carry Cancer-Causing HPV Virus](#)
- TIME: [1 in 9 Men Have Oral HPV](#)
- Forbes: [Men Found Six Times More Likely Than Women To Have Highest Risk HPV Infection](#)
- US News: [Rheumatoid Arthritis, Low Folate Levels Raise Heart Risks](#)
- US Pharmacist: [Although Pricier Initially, Fixed-Dose BP Medications Save Money](#)
- US News: [Balanced diet may be key to cancer survival](#)
- CNN: [One in nine American men has oral HPV, study finds](#)
- CBS News: [1 in 9 American men are infected with oral HPV](#)
- The American Journal of Pharmacy Benefits: [Fixed-Dose Combination Drugs May Benefit Hypertension Patients](#)