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College of Public Health and Health Professions, University of Florida
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EDUCATION

- 2018 – 2022** **Doctor of Philosophy (Ph.D.) in Health Economics/Health Services Research**
Minor in Biostatistics; Breadth in Quantitative Methods
University of Texas Health Science Center at Houston (UTHealth), School of Public Health, Houston, TX
- 2016 – 2018** **Master of Science (M.S.) in Health Behavior and Health Education**
University of Texas at Austin (UT Austin), Austin, TX
- 2009 – 2013** **Bachelor of Science (B.S.) in Economics**
Minor in Finance
Hunan University of Technology and Business, Changsha, China

EMPLOYMENT

- Jul. 2023 – Present** **Research Assistant Professor**
Department of Health Services Research, Management & Policy
College of Public Health and Health Professions
University of Florida, Gainesville, FL
- Oct. 2022 – Jun. 2023** **Senior Research Associate**
Department of Public Health Sciences, College of Medicine
Medical University of South Carolina, Charleston, SC
- Jan. 2019 – Aug. 2022** **Graduate Teaching Assistant**
Department of Management, Policy & Community Health
UTHealth School of Public Health, Houston, TX
- Nov. 2018 – Aug. 2022** **Graduate Research Assistant**
Clinical Analytics and Decision Science Lab
Department of Management, Policy & Community Health
UTHealth School of Public Health, Houston, TX
- Oct. 2017 – Feb. 2018** **Project Intern**
Center for Place-Based Initiatives, Department of Population Health
Dell Medical School, UT Austin, Austin, TX

Jul. 2015 – Jul. 2016 Health Education Commissioner

Department of Health Promotion

Shenzhen Health Education and Promotion Center, Shenzhen, China

RESEARCH INTERESTS

- HPV-associated cancers and prevention (HPV vaccine and cancer screening)
- Post-acute care for patients with cardiovascular diseases
- Chronic disease management
- Mental health promotion for patients with chronic diseases and caregivers
- Health disparities and social determinants of health
- Healthcare insurance payment policy and reform
- Population-based large-scale data analysis
- Economic evaluation for healthcare services

PEER-REVIEWED PUBLICATIONS

1. **Zhu, Y.**, Lin, Y.Y., Li, R., He, C., Lairson, D.R., Deshmukh, A.A. and Sonawane, K., 2023. Reimbursement for HPV Vaccine Cost in the Private Sector: A Comparison Across Specialties. *The Annals of Family Medicine*, 21(4), pp.344-346.
2. **Zhu, Y.**, Wu, C.F., Giuliano, A.R., Fernandez, M.E., Ortiz, A.P., Cazaban, C.G., Li, R., Deshmukh, A.A. and Sonawane, K., 2022. Tdap-HPV vaccination bundling in the USA: Trends, Predictors, and Implications for vaccine series completion. *Preventive Medicine*, p.107218.
3. Lin, Y.Y., Damgacioglu, H., Suk, R., Wu, C.F., **Zhu, Y.**, Ortiz, A.P., Hara, S.K., Sonawane, K. and Deshmukh, A.A., 2022. Trends in the incidence of human papillomavirus-associated cancers by county-level income and smoking prevalence in the United States, 2000-2018. *JNCI Cancer Spectrum*, 6(2), p.pkac004.
4. Suk R., Hong Y.R., Rajan S.S., Xie Z., **Zhu Y.**, and Spencer J.C., 2022. Assessment of US Preventive Services Taskforce-concordant cervical cancer screening rates and reasons for underscreening by age, race/ethnicity, sexual orientation, rurality, and insurance, 2005 to 2019. *JAMA Network Open*, 5(1), pp.e2143582.
5. Damgacioglu, H., Sonawane, K., **Zhu, Y.**, Li, R., Balasubramanian, B.A., Lairson, D.R., Giuliano, A.R. and Deshmukh, A.A., 2021. Oropharyngeal Cancer Incidence and Mortality Trends in All 50 States in the US, 2001-2017. *JAMA Otolaryngology–Head & Neck Surgery*.
6. Wozny, J., Parker, D., Sonawane, K., Russell, M., Savitz, S., Zamin, S. and **Zhu, Y.**, 2021. Surveying Stroke Rehabilitation in Texas: Capturing Geographic Disparities in Outpatient Clinic Availability. *Archives of Physical Medicine and Rehabilitation*, 102(10), pp.e29-e30.
7. Sonawane, K., Lin, Y.Y., Damgacioglu, H., **Zhu, Y.**, Fernandez, M.E., Montealegre, J.R., Cazaban, C.G., Li, R., Lairson, D.R., Lin, Y. and Giuliano, A.R., 2021. Trends in Human Papillomavirus Vaccine Safety Concerns and Adverse Event Reporting in the United States. *JAMA Network Open*, 4(9), pp.e2124502-e2124502.

8. **Zhu, Y.**, Pasch, K.E., Loukas, A., Sterling, K.L. and Perry, C.L., 2021. Exposure to cigar Point-of-Sale marketing and use of cigars and cigarettes among young adults. *Addictive Behaviors*, 116, p.106821.
9. Sonawane, K.*, **Zhu, Y.***, Lin, Y.Y., Damgacioglu, H., Lin, Y., Montealegre, J.R. and Deshmukh, A.A., 2021. HPV vaccine recommendations and parental intent. *Pediatrics*, 147(3).
[*authors with equal contribution]
10. Sonawane, K., **Zhu, Y.**, Montealegre, J.R., Lairson, D.R., Bauer, C., McGee, L.U., Giuliano, A.R. and Deshmukh, A.A., 2020. Parental intent to initiate and complete the human papillomavirus vaccine series in the USA: a nationwide, cross-sectional survey. *The Lancet Public Health*, 5(9), pp.e484-e492.
11. Sonawane, K., **Zhu, Y.**, Chan, W., Aguilar, D., Deshmukh, A.A. and Suarez-Almazor, M.E., 2020. Association of serum folate levels with cardiovascular mortality among adults with rheumatoid arthritis. *JAMA Network Open*, 3(2), pp.e200100-e200100.
12. Sonawane, K., **Zhu, Y.**, Balkrishnan, R., Suk, R., Sharrief, A., Deshmukh, A.A. and Aguilar, D., 2019. Antihypertensive drug use and blood pressure control among stroke survivors in the United States: NHANES 2003-2014. *The Journal of Clinical Hypertension*, 21(6), pp.766-773.
13. Wu, X., Tang, T., **Zhu, Y.**, 2015. The Evolution of Import Technology Level in China's High-Tech Products and International Comparison – Based on the Import Sophistication Index. *Journal of Hunan University of Commerce*, 22(3), pp.13-18.

MANUSCRIPTS UNDER REVIEW

1. Vu, M., **Zhu, Y.**, Trinh, D.D., Hong, Y.R., Suk, R. A population-based analysis of awareness and knowledge of HPV and HPV vaccine among Asian American adults by origin group, 2014-2019
2. Garg, A., Roberts, J.R., Ruggiero, K.J., Chandler, J., Damgacioglu, H., **Zhu, Y.**, Brownstein, N., Sterba, K.R., Deshmukh, A.A., Sonawane, K. Consumption of health-related videos and HPV awareness among urban and rural adults: Analysis of a national survey and YouTube
3. Sonawane, K., **Zhu, Y.**, Damgacioglu, H., Garg, A., Ford, M., Montealegre, J.R., Brownstein, N., Sterba, K.R., Roberts, J.R., Deshmukh, A.A. Socioeconomic polarization and human papillomavirus vaccination intentions: Findings from a nationwide survey of US adolescents.

ABSTRACTS & PRESENTATIONS

1. **Zhu, Y. (presenter)**, Sonawane, K. Mental Health Status and Its Association with Healthcare Expenditure Among US Stroke Patients: 2011-2018. 13th World Stroke Congress. Virtual. [oral presentation]
2. **Zhu, Y. (presenter)**, Wu, C.F., Giuliano, A.R., Fernandez, M.E., Ortiz, A.P., Cazaban, C.G., Li, R., Deshmukh, A.A. and Sonawane, K. Tdap-HPV Vaccination Bundling in the United States: Trends, Predictors, and Implications for Policy and Practice. HE/HSR Seminar Series. August 2021. Houston, TX.
3. **Zhu, Y. (presenter)**, Sonawane, K., Doherty, S.V., Parker, D., Wozny, J., Chukwumerije, N., Azeez, B., Varghese, S., Hoang, N., Ganduglia-Cazaban, C., Krause, T. and Savitz, S.I.

Geographic Disparities in Access to Outpatient Stroke Rehabilitation Clinics in Rural Texas. Virtual ISPOR 2021. Virtual.

4. **Zhu, Y. (guest lecturer)**. An Example of Using Real-World Data to Analyze Health Outcome. PH3920 Health Service Delivery and Performance. Spring 2021. Houston, TX.
5. Sonawane, K. (presenter), Lin, Y.Y., Damgacioglu, H., **Zhu, Y.**, Fernandez, M.E., Montealegre, J.R., Ganduglia-Cazaban, C., Li, R., Lairson, D.R., Lin, Y., Giuliano, A.R. and Deshmukh, A.A. HPV Vaccine Safety Perceptions and Adverse Event Reporting Trends in the United States. EUROGIN 2021. Virtual. [oral presentation]
6. Doherty, S.V., Parker, D., Sonawane, K., **Zhu, Y.**, Wozny, J., Krause, T., Ganduglia-Cazaban, C., Hoang, N., Varghese, S. and Savitz, S.I. Geographic Disparities in Access to Outpatient Stroke Rehabilitation Centers. International Stroke Conference 2021. Virtual.
7. **Zhu, Y. (presenter)**, Sonawane, K., Suk, R., Deshmukh, A.A. and Aguilar, D. Antihypertensive Drug Use and Blood Pressure Control Among Stroke Survivors in the United States: Findings from the NHANES 2003-2014. UHealth School of Public Health Research Day 2019. Houston, TX. [winner of best poster award]

AD-HOC JOURNAL REVIEWER

- Cancer Communications
- Gynecologic Oncology
- Human Vaccines & Immunotherapeutics
- Journal of the American Heart Association
- Journal of Cervical Cancer Research
- The Journal of Clinical Hypertension

SELECTED MEDIA COVERAGE

- Medscape: "[HPV Vaccine Safety Concerns Up 80% From 2015 to 2018](#)" ... by Lucy Hicks
- U.S. News & World Report: "[More Parents Balking at Giving Kids Cancer-Fighting HPV Vaccine](#)" ... by Steven Reinberg
- The Philadelphia Inquirer: "[Most parents of unvaccinated teens have no intention of getting HPV vaccine for their kids, study finds](#)" ... by Kasra Zarei
- UHealth News: "[Parents of 1 in 2 unvaccinated U.S. adolescents have no intention to initiate HPV vaccine](#)" ... by Wendi Hawthorne
- U.S. News & World Report: "[Rheumatoid Arthritis, Low Folate Levels Raise Heart Risks](#)" ... by Robert Preidt

HONORS & AWARDS

- Doctoral Dissertation Research Award, UHealth School of Public Health, 2022
- Department of Management, Policy & Community Health Scholarship, UHealth School of Public Health, 2019-2022
- UHealth School of Public Health Research Day 2019, Best Poster Award, UHealth, 2019

- Outstanding New Student Scholarship, UTHealth School of Public Health, 2018
- Academic Excellence Award, Hunan University of Technology and Business, 2013
- Excellent Student Leadership Award, Hunan University of Technology and Business, 2011

MEMBERSHIP

2022 – Present	Member, Delta Omega Honorary Society in Public Health
2021 – Present	Member, International Society for Pharmacoeconomics and Outcomes Research
2020 – Present	Member, Society for Medical Decision Making
2019 – 2020	Member, American Society of Health Economics