

David J. Washburn, ScD, SM

Department of Health Policy & Management, School of Public Health | Texas A&M University
1266 TAMU | College Station, TX 77843-1266
571-305-0344 | dwashburn@tamu.edu | ORCID ID: 0000-0002-8820-8687
<https://scholar.google.com/citations?hl=en&user=T65UG7MAAAAJ>

Education

Harvard T.H. Chan School of Public Health (Boston, MA)
Doctor of Science (ScD) in Global Health & Population (2011)

Harvard T.H. Chan School of Public Health (Boston, MA)
Master of Science (SM) in Population & International Health (2005)

Brown University (Providence, RI)
Bachelor of Arts in International Relations (1998)

Academic Appointment

Texas A&M School of Public Health <i>Assistant Professor, Dept. of Health Policy and Management</i> <i>Associate Director of the USA Center for Rural Public Health Preparedness and the Office of Special Programs and Global Health</i> (2021-present) <i>Co-Director of the Program on Global Health Research and Lead of the Global Health Research Group</i> (2019-present)	Aug 2016 to present College Station, TX
--	--

Courses taught:

Strategic Planning and Marketing II (PHPM 615: 2016-present)
Strategic Planning and Marketing I (PHPM 614: 2017-present)
Global Health Systems: Design and Analysis (PHPM 638: 2018-2019)
Ecuador Public Health Study Abroad (PHPM 670: 2018)
Applied Research in Global Health (PHPM 671: 2021)

Research Interests: Health Access, Health Policy, Health Systems Analysis, Community Health Workers, Immigration and Health, Health Disparities, Social Determinants of Health, Global Health

Academic Service

Peer reviewer: American Journal of Public Health, International Journal for Equity in Health, International Journal of Health Planning and Management, Public Health, Journal of Immigrant and Minority Health, Healthcare, International Journal of Environmental Research and Public Health, Health Systems & Reform, Journal of Medical Economics, Health Services Insights

Reviewer, Robert Wood Johnson Foundation Systems for Action Research Program 2020, 2021

Reviewer, Interdisciplinary Association for Population Health Science Conference 2021

Reviewer, Texas A&M University-CONACYT: Collaborative Research Program 2020

Leadership in professional organizations: Interdisciplinary Association for Population Health Science (IAPHS) Membership Committee (2020-present), Faculty Advisor to the Texas A&M University AcademyHealth Student Chapter (2020-present)

Membership in professional organizations: Association of University Programs in Health Administration, Academy Health, Interdisciplinary Association for Population Health Science, American College of Healthcare Executives

Department of Health Policy and Management MPH Committee 2016-2017
Search Committee, Department of Health Policy and Management 2016-2017
Department of Health Policy and Management MHA Committee 2017-present
Faculty Mentor for the DeBakey Executive Research Leadership Program 2019-present
Mentor, MD Anderson Cancer Prevention Training Program 2020-present
Texas A&M MHA Case Competition Coach 2021-present

Doctoral Committees:

Loida Tamayo (2020). Rural Medicare Beneficiaries and Frequent Emergency Department Users.

Eniola Olatunji (2021). Analysis of Factors Associated with Access to Pharmacy Services and Pharmacy Closures.

Nikita Wagle (2022). Disparities in Treatment Utilization, Delay and Outcomes among Patients with Hepatocellular Carcinoma in the United States.

In progress: Wah Wah Myint, Kesler Brock, Sophia Anyatonwu, Laura Benavides, Michael Akinboro

Publications (* denotes student co-author)

1. Wang W, Zhang H*, **Washburn DJ**, Shi H, Chen Y, Lee S*, Du Y*, Maddock J (2018). Factors Influencing Physician Trust among Hospital Patients in China. *American Journal of Health Behavior*, 42(6) 19-30. doi.org/10.5993/AJHB.42.6.3
2. Lee S*, Wang W, **Washburn DJ**, Shi H, Yu Y, Du Y*, Zhang H*, Maddock J (2018). Effect of the treatment-before-deposit policy on trust in physicians and perceived service quality among patients in 12 hospitals in China. *The International Journal of Health Planning and Management*, 33(4), 1110-1120. doi.org/10.1002/hpm.2592
3. Callaghan T, **Washburn DJ**, Nimmons K, Duchicela D, Gurram A*, Burdine J (2019). Immigrant Health Access in Texas: Policy, Rhetoric, and Fear in the Trump Era. *BMC Health Services Research*, 19:342. doi.org/10.1186/s12913-019-4167-1
4. Giannouchos T*, **Washburn DJ**, Kum HC, Sage WM, Ohsfeldt RL (2020). Predictors of Multiple Emergency Department Utilization Among Frequent Emergency Department Users in 3 States. *Medical Care*, 58(2), 137-145. doi.org/10.1097/MLR.0000000000001228
5. Giannouchos T*, **Washburn DJ**, Gary JC, Foster MJ (2020). Frequent emergency department use in the pediatric population: A systematic literature review. *Journal of Evaluation in Clinical Practice*. *Journal of Evaluation in Clinical Practice*. doi.org/10.1111/jep.13382
6. Du Y*, Wang W, **Washburn DJ**, Lee S*, Zhang H*, Towne SD, Maddock J (2020). Violence against Healthcare Workers and Other Serious Responses to Medical Disputes in China: Survey of Patients at 12 Public Hospitals. *BMC Health Services Research*, 20(6). doi.org/10.1186/s12913-020-05104-w
7. Kellstedt D, **Washburn DJ**, Lee S, Gwarzo I*, Ahenda P*, Maddock J (2020). Household motor vehicle ownership and obesity among Indian women and men: 2005-2016. *International Health*, 13(2). doi:10.1093/inthealth/ihaa031
8. Schmidt C, **Washburn DJ**, LaFleur M*, Martinez D*, Thompson E*, Callaghan T (2021). Community Health Worker Sustainability: Funding, Payment, and Reimbursement Laws in the United States. *Public Health Reports*. doi.org/10.1177/00333549211006072
9. Lee S, **Washburn DJ**, Colwell B, Gwarzo IH, Kellstedt D, Ahenda P*, Maddock JE (2021). Examining social determinants of undiagnosed diabetes in Namibia and South Africa using a behavioral model of health services use. *Diabetes Research and Clinical Practice*. doi.org/10.1016/j.diabres.2021.108814

10. **Washburn DJ**, Callaghan T, Thompson E*, Schmidt C, LaFleur M*, Ruiz Z, Martinez D* (2021). The Evolving Interprofessional Relationships of Community Health Workers in Urban and Rural America. *Journal of Interprofessional Care*, 1-7. doi.org/10.1080/13561820.2021.1974362
11. Wagle NS*, Park S, **Washburn DJ**, Yopp A, Ohsfeldt R, Singal A; Kum HC (2021). Racial, Ethnic and Socioeconomic Disparities in Curative Treatment Receipt and Survival in Hepatocellular Carcinoma. *Hepatology Communications*. doi.org/10.1002/hep4.1863
12. Myint WW*, **Washburn DJ**, Colwell B, Maddock J (2021). Determinants of HIV Testing Uptake among Women (aged 15-49) in the Philippines, Myanmar, and Cambodia. *International Journal of Maternal and Child Health and AIDS*. doi.org/10.21106/ijma.525
13. Anyatonwu S*, Giannouchos T, **Washburn DJ**, Quinonez RA, Kum HC (2022). Predictors of Pediatric Frequent Emergency Department Use Among 7.6 million Pediatric Patients in New York. *Academic Pediatrics*. doi.org/10.1016/j.acap.2022.03.016
14. Callaghan T, **Washburn DJ**, Goidel K, Nuzhath T*, Spiegelman A, Scobee J*, Moghtaderi A, Motta M (2022). Imperfect Messengers? Vaccine Confidence among Primary Care Physicians. *Vaccine*. doi.org/10.1016/j.vaccine.2022.03.025
15. Callaghan T, McCord C, **Washburn DJ**, Goidel K, Schmit C, Nuzhath T, Spiegelman A, Scobee J*. The Changing Nature of Telehealth Use by Primary Care Physicians in the United States. *Journal of Primary Care and Community Health*. (accepted)
16. Goidel K, Callaghan T, **Washburn DJ**, Nuzhath T*, Spiegelman A, Scobee J*, Motta M. Physician Trust in the News Media & Attitudes Toward COVID-19. *Journal of Health Politics, Policy and Law*. (accepted)

Non-peer Reviewed

1. **Washburn DJ**, Leroux T, Morrisey M, Ohsfeldt B, Shipp E, Smith C, Spiegelman A, Trueblood A, Ukert B, Zheng Q, Wagle N*, Anyatonwu S*, Kum HC. Texas Healthcare Transformation and Quality Improvement Renewal Evaluation: 1115 Medicaid Waiver Demonstration Renewal in Texas DY7-DY11.
2. Callaghan T, **Washburn DJ**, Schmit C, Martinez D*, Thompson E*, LaFleur M*, and Ruiz Z. 2019. "Community Health Worker Roles and Responsibilities in Rural and Urban America." Policy Brief. Southwest Rural Health Research Center. Prepared for the Federal Office of Rural Health Policy. <https://srhrc.tamhsc.edu/docs/chw-policy-brief.pdf>
3. USA Center for Rural Public Health Preparedness (2019). TxPHRAT Revisions Project Final Report.
4. Doctoral Dissertation: **Washburn DJ** (2011). Applying Diffusion Theory to Implementation: An Analysis of Mexico's Seguro Popular de Salud, Harvard School of Public Health.
5. Master's Thesis: **Washburn DJ** (2005). A Procedural Model of Seeking and Receiving Treatment for Childhood Malaria in Uganda, Harvard School of Public Health.

Under Review

Wagle N*, Park S, **Washburn DJ**, Ohsfeldt R, Singal A, Kum HC. Disparities in Treatment Delay among Patients with Hepatocellular Carcinoma in the United States.

Towne SD, Wang W, Du Y*, Lee S*, **Washburn DJ**, Liu X, Zhang H*, Maddock J. Socioeconomic Inequities in Perceived Satisfaction with the Service Quality of Medical Care Received at Hospitals in China.

Lee S, Wang W, **Washburn DJ**, Maddock J. Perception of Informal Payments to Physicians Among Chinese Patients and Health Care Providers.

Gwarzo I*, **Washburn DJ**, Tale A*, Lee S, Kellstedt DK, Matawalle F*, Ahenda P*, Maddock J. Vehicle Ownership and Road Accidents in Cambodia: A Longitudinal Study.

Ahenda P*, **Washburn DJ**, Lee S, Gwarzo I*, Kellstedt DK, Maddock J. The Social Determinants of Access to Vitamin A Supplementation from 2003-2014 in Kenya.

Myint WW*, **Washburn DJ**, Colwell B, Gwarzo I*, Lee S, Maddock J. Media influence on male condom utilization as a family planning method among women in four Southeast Asian Countries.

Olatunji E*, Freeman N*, Maredia S*, Nguyen A*, **Washburn DJ**. Assessing the Social Determinants of Health Insurance in Ethiopia 2011-2016.

Callaghan T, **Washburn DJ**, Schmidt C, Martinez D, Thompson E, LaFleur M. The Characteristics and Experiences of Community Health Workers in Rural and Urban Areas of the United States.

Nuzhath T*, Spiegelman A, Scobee J*, Goidel K, **Washburn DJ**, Callaghan T. "Just Do It. Stop Whining": Primary Care Physicians' Rhetorical Strategies for Addressing COVID-19 Vaccine Hesitancy.

Arthur K*, Colwell B, **Washburn DJ**, Maddock J. Comparing Tobacco Use Trends Pre- and Post-Ratification of the WHO Framework Convention on Tobacco Control: The Cases of Malawi, Zimbabwe, and Zambia.

Schmit C, Willis B, McCall H, Altabbaa A, **Washburn DJ**. Views on Increased Federal Access to State and Local National Syndromic Surveillance Program Data: A Nominal Group Technique Study with State and Local Epidemiologists.

Myint WW*, **Washburn DJ**, Colwell B, Ahenda P*, Lee S, Maddock J. Prevalence and correlates of age at first birth and utilization of maternal health care services among women in four Asian-Pacific Island countries.

In Progress

Washburn DJ, Goidel K, Scobee J*, Spiegelman A, Nuzhath T*, Callaghan T. Primary Care Physicians' Perspectives on COVID-19 Policy and Mandates in the United States.

Benavides L*, **Washburn DJ**, Wagle N*, Kum HC. Provider Perceptions of Alternative Payment Models in the United States: A Systematic Review.

Schmidt C, LaFleur M*, Martinez D*, **Washburn DJ**, Thompson E*, Callaghan T. What's in a Name: A 50-State Analysis of Laws Relating to Community Health Worker Professionalism, Roles, and Requirements.

Washburn DJ, Meier J, Carpender SK, Bad Warrior M, Tiger H, Quiram B. Implementing the Tasina Luta: A Public Health Foundation for Cheyenne River.

Raza F*, Colwell B, **Washburn DJ**, Maddock J. Socio economic determinants of traditional versus modern contraception use in South Asia: Cross country comparison of Pakistan, Bangladesh, and India.

Washburn DJ, Orozco E, Torres de la Rosa CP. Lobbying and the Politics of Mexico's Sugar Tax.

Goidel K, Callaghan T, **Washburn DJ**, Nuzhath T*, Spiegelman A, Scobee J*, Motta M. Primary Care Physicians, State Governments, and COVID-19 Responsibility.

Presentations

1. Vargas V, **Washburn DJ**, Cerezo S. Preventing Risk Selection in the Chilean Health System: Sharing the Cost of High-Risk Patients. 5th International Health Economics Association Conference, Barcelona, Spain, June 2005.
2. **Washburn DJ**. The Diffusion of Affiliation with the Seguro Popular. Instituto Nacional de Salud Pública, Cuernavaca, Mexico, November 2008.
3. Wang W, Maddock J, **Washburn DJ**, Du Y*, Zhang H*, Lee S. The Interplay between Physician-Patient Trust and Perceived Service Quality in China. Chinese Economist Society North America Conference, Athens, GA, April 2018.
4. **Washburn DJ**, Wang W, Du Y*, Zhang H*, Lee S, Towne S, Maddock J. Equity and Patient Experiences with the "Treatment Before Deposit" Policy in Chinese Public Hospitals: A Multilevel Mixed Effects Approach. Chinese Economist Society North America Conference, Athens, GA, April 2018.

5. Du Y*, Wang W, **Washburn DJ**, Lee S, Zhang H*, Towne S, Maddock J. Violence and Patient Responses to Medical Disputes in China. China Health Policy and Management Society's 2nd Biennial Conference, New Haven, CT, May 2018.
6. **Washburn DJ**, Carpender SK, Quiram B (2018). Weaving the Tasina Luta: a Community-Based Participatory Research Approach to Implementation and Engagement with a Tribal Public Health Plan. Robert Wood Johnson Foundation, Webinar, July 2018.
7. **Washburn DJ**, Carpender SK, Quiram B (2019). Encouraging Timely Health Seeking Behavior with the Cheyenne River Sioux Tribe. Robert Wood Johnson Foundation, Webinar, July 2019.
8. **Washburn DJ**, Orozco E, Torres de la Rosa C, Elizondo E*, Hernandez OJ*, Beyer R, Fairchild A. Taxing Sugary Drinks in Mexico: An Analysis of Science, Politics, and Policy. Interdisciplinary Association for Population Health Science Annual Meeting, Seattle, WA, October 2019.
9. **Washburn DJ**, Callaghan T, Martinez D, Schmidt C, Thompson E*. Community Health Worker Roles, Regulation, and Growth in Rural and Urban America. Rural Minnesota Community Health Worker Conference, Bemidji, MN, October 2019. (Invited presentation)
10. Towne SD Jr, Wang W, Du Y, Lee S, **Washburn DJ**, Liu X, Zhang H, Maddock J. Identifying Structural and Social Determinants of Health Inequities in Relation to Perceived Quality of Care among Patients Seeking Care in Large Hospitals in China. American Public Health Association Annual Conference. Philadelphia, PA, Nov 2019.
11. **Washburn DJ**, Carpender SK, Quiram B (2020). Implementing the Tasina Luta. Robert Wood Johnson Foundation, Webinar, March 2020.
12. Callaghan T, **Washburn DJ**, Schmidt C, Martinez D*, Thompson E*, LaFleur M*. "Population Health in Rural America." Roundtable on Population Health Improvement. National Academies of Sciences, Engineering, and Medicine – Health and Medicine Division. June 2020.
13. **Washburn DJ**, Schmit C, LaFleur M*, Martinez D*, Thompson E*, Callaghan, T. State Law Frameworks for CHW Funding, Payment, and Reimbursement. 2020 Interdisciplinary Association for Population Health Science Annual Meeting, Sep-Oct 2020.
14. Raza F*, Colwell B, **Washburn DJ**, Maddock J. Socio economic determinants of traditional versus modern contraception use in Pakistan, Bangladesh, and India. American Sociological Association Annual Meeting, August 2021.
15. Callaghan T, **Washburn DJ**, Goidel K. Understanding Physician COVID-19 Vaccine Hesitancy: Politics, Race, and Rurality. American Political Science Association Annual Meeting, Seattle, WA, Sep-Oct 2021.
16. Goidel K, Callaghan T, **Washburn DJ**. Media Trust, Partisan Affiliation, and Physician Perceptions of COVID-19. Southern Political Science Association Annual Conference, San Antonio, TX, Jan 2022.
17. Goidel K, Callaghan T, **Washburn DJ**, Nuzhath T*, Spiegelman A, Scobee J*. Primary Care Physicians, State Governments, and COVID-19 Responsibility and Response. American Association of Public Opinion Research, Chicago, IL, May 2022.
18. Schmit C, Wills B*, Tell E* and **Washburn DJ**. Federal Access Policy for State National Syndromic Surveillance Program Data: Findings and Recommendations. Council of State and Territorial Epidemiologists Annual Conference, Louisville, KY, June 2022. (*forthcoming*)
19. Goidel K, Callaghan T, **Washburn DJ**, Nuzhath T*, Spiegelman A, Scobee J*. Primary Care Physicians, State Governments, and COVID-19 Responsibility and Response. European Political Science Association, Prague, June 2022. (*forthcoming*)
20. Callaghan T, Goidel K, **Washburn DJ**, Nuzhath T*, Spiegelman A, Scobee J*, Motta M. Physician Trust in the News Media and Attitudes Toward COVID-19. International Society of Political Psychology Annual Meeting, Athens, Greece, July 2022. (*forthcoming*)

21. Goidel K, Callaghan T, **Washburn DJ**, Nuzhath T*, Spiegelman A, Scobee J*. Primary Care Physicians, State Governments, and COVID-19 Responsibility. American Political Science Association Annual Meeting, Montreal, Canada, Sep 2022. (*forthcoming*)
22. **Washburn DJ**, Goidel K, Scobee J*, Spiegelman A, Nuzhath T*, Callaghan T. Primary Care Physicians' Perspectives on COVID-19 Policy and Mandates in the United States. American Political Science Association Annual Meeting, Montreal, Canada, Sep 2022. (*forthcoming*)

Posters

1. Lee S*, Wang W, **Washburn DJ**, Maddock J. Effect of the treatment-before-deposit policy on trust in physicians and perceived service quality among patients in 12 hospitals in China. American Academy of Health Behavior Scientific Meeting, Portland, OR, March 2018.
2. Du Y*, Wang W, **Washburn DJ**, Lee S, Zhang H*, Towne S, Maddock J. Violence and Patient Responses to Medical Disputes in China. Academy Health Global Health, Seattle, WA, June 2018.
3. Kum HC, Giannouchos T*, **Washburn DJ**, Sage W, Ohsfeldt R. Emergency Department Patients who Frequently Visit Three or More Different Hospitals in One Year. Academy Health Annual Research Meeting, Seattle, WA, June 2018.
4. Callaghan T, **Washburn DJ**, Burdine J, Nimmons K, Duchicela D, Morrisey M. Community Health Worker Experiences with Hispanic Health Access in Texas: Immigration, Culture, and Fear in the Trump Era. Academy Health Annual Research Meeting, Seattle, WA, June 2018.
5. Lee S, Wang W, **Washburn DJ**, Maddock J. Perceptions of informal payments to doctors among patients, doctors, and nurses in China. American Academy of Health Behavior Scientific Meeting, Greenville, SC, March 2019.
6. Gwarzo I, **Washburn DJ**, Tale A*, Lee S, Matawalle F, Kellstedt DK, Ahenda P*, Maddock J. Vehicle Ownership and Road Accidents in Cambodia: A Longitudinal Study. American Public Health Association Annual Conference. Philadelphia, PA, Nov 2019.
7. Kellstedt D, **Washburn DJ**, Maddock J. Household Motor Vehicle Ownership and Obesity among Indian Women and Men: 2005-2016. Active Living Conference. Orlando, FL, Feb 2020.
8. Olatunji E*, **Washburn DJ**, Zhang H. The Association between Media Access and other Social Determinants of Health Insurance in Nigeria. Houston Global Health Conference, March 2020, Houston, TX.
9. Ahenda P*, **Washburn DJ**, Lee S, Gwarzo I*, Kellstedt DK, Maddock J. Shifts in the Social Determinants of Vitamin A Supplementation among Children Under Five in Kenya, 2003-2014. Houston Global Health Conference, March 2020, Houston, TX.
10. Myint WW*, **Washburn DJ**, Maddock JE. Awareness of Male Condoms as a Contraceptive Method among Women in Four Southeast Asian Countries. Houston Global Health Conference, March 2020, Houston, TX. [Won award for best poster]
11. Lee S, **Washburn DJ**, Colwell B, Gwarzo IH*, Kellstedt D, Ahenda P*, Maddock JE. The Social Determinants of Undiagnosed Diabetes in Namibia and South Africa. American Academy of Health Behavior 20th Annual Conference, March 2020, Napa, CA. (In-person meeting canceled due to COVID-19)
12. Wagle NS*, Kum HC, Singal A, Park S, **Washburn DJ**. Racial/Ethnic and Neighborhood Socioeconomic Disparities in Curative Treatment Receipt and Overall Survival in Patients with Hepatocellular Carcinoma. Academy Health Annual Research Meeting, Boston, MA, June 2020. (In-person meeting canceled due to COVID-19)
13. **Washburn DJ**, Callaghan T, Schmit C, Thompson EM*, Martinez D*, LaFleur M*. Community Health Worker Integration with Other Health Professionals in Rural and Urban Settings in the United States. Academy Health Annual Research Meeting, July 2020. (In-person meeting canceled due to COVID-19)

14. Fawkes L*, **Washburn DJ**, Maddock J, Colwell B. An Analysis of Women’s Empowerment Using the SWPER Index in India. Interdisciplinary Association for Population Health Science Annual Meeting, September-October 2020. (In-person meeting canceled due to COVID-19)
15. **Washburn DJ**, Schmit C, Lafleur M, Martinez D, Thompson E, Callaghan T. State Law Frameworks for CHW Funding, Payment, and Reimbursement. Interdisciplinary Association for Population Health Science Annual Meeting, September-October 2020. (In-person meeting canceled due to COVID-19)
16. **Washburn DJ**, Zhang H, Olatunji E*. Getting Permission or Having Enough Money to See the Doctor: A Multivariable Analysis of Access Barriers for Nigerian Women 2008-2018. Interdisciplinary Association for Population Health Science Annual Meeting, September-October 2020. (In-person meeting canceled due to COVID-19)
17. **Washburn DJ**, Callaghan T, Schmit C, Thompson E, Martinez D, Lafleur M. A Nationwide Survey of Community Health Workers and the Barriers that their Clients Face. Interdisciplinary Association for Population Health Science Annual Meeting, September-October 2020. (In-person meeting canceled due to COVID-19)
18. Myint WW*, **Washburn DJ**, Colwell B, Maddock J. HIV Testing Uptake among Women (aged 15-49) in Three Southeast Asian Countries. Consortium of Universities for Global Health Annual Conference, March 2021.
19. Dubose J*, Colwell B, **Washburn DJ**, Maddock J. Factors related to anemia among children less than five in Senegal and The Gambia: A cross-country comparison using DHS data. Consortium of Universities for Global Health Annual Conference, March 2021.
20. Raza F*, Colwell B, **Washburn DJ**, Maddock J. Socioeconomic determinants of the choice of contraceptive methods: Analyzing the case of Pakistan, India and Bangladesh. Consortium of Universities for Global Health Annual Conference, March 2021.
21. Wagle N*, **Washburn DJ**, Kum HC. Development, implementation, and perceptions of APMs: an experience from Texas’ Delivery System Reform Incentive Payment program. AcademyHealth State Health Research and Policy Interest Group, June 2021. (In-person meeting canceled due to COVID-19)
22. Anyatonwu S*, Giannouchos T, **Washburn DJ**, Quinonez R, Kum HC. Characteristics and Factors Associated with Pediatric Frequent ED Use: An Analysis of 7.6 Million Pediatric ED Patients in New York. AcademyHealth Annual Research Meeting, June 2021. (In-person meeting canceled due to COVID-19)
23. Raza F*, Colwell B, **Washburn DJ**, and Maddock J. Predictors of modern contraceptive use among married women in Pakistan, India and Bangladesh. Conference Poster. Population Association of America Annual Meeting, April 2022, Atlanta, GA.
24. McNulty A*, Colwell B, **Washburn DJ**, Maddock J. The relationship between nutrition and vaccine behaviors in five West African Countries. American Academy of Health Behavior, March 2022, Key Largo, FL.
25. Ahenda P*, **Washburn DJ**, Colwell B, Maddock J. Socioeconomic Determinants of Mammography Utilization Among Jordanian Women aged 40-49. American Academy of Health Behavior, March 2022, Key Largo, FL.

Grants and contracts

2022-2023 **\$865,577 The Texas Vaccine Outreach and Education Grant Program** “A Community-Based Approach to COVID-19 Vaccine Outreach and Education in Seven Counties in East, Central, and South Texas” Co-Principal investigator with B. Quiram.

2022-2023 **\$50,000 Texas A&M Health Science Center Seedling Grant** “Addressing Health Equity through Family Disaster Preparedness” Principal Investigator.

2022-2023 **\$1,717,277 Methodist Healthcare Ministries** “Safer Water Projects” Co-Investigator with G. Sansom and T. Roh.

2022 **\$142,891 HRSA Federal Office of Rural Health Policy** “An Innovative Approach to Targeting Rural Communities in Public Health Funding” Co-Investigator with T. Callaghan.

2021-2023 **\$30,000 Texas A&M Triads for Transformation (T3) Grant.** “Physician Attitudes Towards the U.S. Pandemic Response and Strategies to Improve Covid-19 Compliance” Co-Investigator with T. Callaghan.

2019-24 **\$5,362,881 Texas Health and Human Services Commission.** “1115 Medicaid Waiver Demonstration Renewal in Texas DY6-DY11” Co-Principal Investigator with H-C. Kum.

2019-20 **\$414,642 Texas Department of State Health Services.** “Texas Public Health Risk Assessment Tool (TXPHRAT)” Co-Investigator with B. Quiram.

2018-19 **\$112,954 HRSA Federal Office of Rural Health Policy.** “Community Health Worker Roles, Regulation, and Growth in Rural America” Principal Investigator with T. Callaghan.

2018-19 **\$25,000 Texas A&M University School of Public Health Research Enhancement and Development Initiative (REDI).** “Taxing Sugary Drinks in Mexico: An Analysis of Science, Politics, and Policy” Principal Investigator.

2017-18 **\$100,000 Robert Wood Johnson Foundation.** “Weaving the Tasina Luta: a Community-Based Participatory Research Approach to Implementation and Engagement with a Tribal Public Health Plan” Co-Principal Investigator with B. Quiram.

2017-18 **\$25,000 Texas A&M University School of Public Health Research Enhancement and Development Initiative (REDI).** “Community Health Worker Experiences with Hispanic/Latino Health Access” Co-Investigator with T. Callaghan.

2007 \$1,000 Harvard University John F. Kennedy School of Government Center for International Development Grantee

2004 \$1,500 Harvard University David Rockefeller Center for Latin American Studies Grantee

Honors and awards

U.S. Presidential Management Fellow (2011)

Fulbright Scholar - Garcia Robles Public Policy Scholar (2007)

Harvard University Frederick Sheldon Fellow (2007)

Experience

Stanford Health Care (SHC) Nov 2014 to Nov 2015
Senior Planning Specialist – Operational Planning and Design Palo Alto, CA

Served on a team responsible for infusing rapidly expanding SHC with innovative LEAN and 3P (Production, Preparation, and Process) planning and design practices. Gathered data and research for the future 170-bed Stanford Cancer Hospital, involving a wide range of stakeholders in the design process including nurses, transporters, food delivery personnel, physicians, rehabilitation staff, housekeepers, executive leaders, and others. Coordinated volume projections for inpatient bed demand and a digestive health clinic/endoscopic procedure suite, working with senior leaders through a LEAN process to create value stream maps that will drive the upcoming design of expanding digestive health programs.

San Francisco VA Medical Center (SFVAMC) Aug 2011 to Oct 2014
Health Systems Specialist GS-13 (Acting Chief Planner from May 2014) San Francisco, CA

Led the Planning Office’s efforts in developing SFVAMC’s 2012-2015 Strategic Plan in coordination with the Medical Center Director, Associate Director, Nurse Executive, and Chief of Staff. Co-directed and directed three

annual Strategic Capital Investment Planning submissions with local and regional leadership, writing business cases, conducting financial and space analyses, and developing projects and proposals that brought SFVAMC over \$70 million in Minor project funding. During each of these three competitive submission cycles, SFVAMC ranked in the top 10 of over 150 VA medical centers for Minor project funding awarded. Led a team that included the Medical Center Director, Chief of Staff, Chief Engineer, head of research, and other planning staff while managing the successful resubmission of a \$347 million Major construction project. Proposed and assisted in the development of the LEAN / Process Improvement Office at SFVAMC and chaired the medical center's task force on culture change. Managed the Planning Office's work on a nationally attention garnering proposal to pilot an innovative Public Private Partnership model for capital construction and expansion within the VA. Served as SFVAMC's point-of-contact for the Affordable Care Act and enhanced Veteran outreach efforts by participating in outreach events and liaising with Veteran organizations in several counties in Northern California. Conducted qualitative and quantitative research and analyses as assigned by executive leadership, presenting, and recommending actions for implementation. Some examples include: cost effectiveness analyses regarding the provision of specialty care in distant clinics; comparative demographic, space, and staffing analyses for SFVAMC and other medical centers in the region; clinical/program space planning and cost estimating; workload analysis projections and cost benefit analyses for varied services including cardiac surgery and non-institutional home care; and Sterilization and Processing Service workflow and process optimization.

Harvard School of Public Health
Doctoral Student/Teaching Assistant

Sep 2005 to Jul 2011
Boston, MA/Mexico

Successfully defended (in July of 2011) doctoral thesis entitled *Applying Diffusion Theory to Implementation: an Analysis of Mexico's Seguro Popular de Salud*. Defined, planned, implemented, and managed a research program studying the implementation of a Mexican federal health insurance program designed to cover over 60 million citizens. Contracted and led teams conducting hundreds of in-depth interviews with those enrolling in health insurance for the first time, as well as federal and state employees in charge of the implementation of the insurance reform. Through an innovative application of econometric models and statistical analysis at the state and individual levels, explained how diffusion methodologies can be applied to implementation research to better distinguish between financial, social, and other personal or state-driven influences pushing implementation forward. Served as the Teaching Assistant for graduate-level courses at Harvard in Financing Health Care, Politics and Economics, and Management Control in Health Care.

National Institute of Public Health (Mexico)
Health Systems Research Consultant

Sep 2006 to Dec 2006
Cuernavaca, Mexico

Designed survey guides for evaluating the implementation of a national health reform for the Mexican Federal Government. Conducted guided qualitative interviews with policymakers, health care providers, administrators, and patients in multiple Mexican states.

Makerere School of Public Health (Uganda)
Health Systems Research Consultant

Sep 2004 to May 2005
Iganga, Uganda

With a grant from the Swedish International Cooperation and Development Agency, provided technical advice for a Makerere University team implementing survey tools to better understand the differential impact of public and private sector providers of health in very rural Ugandan communities. Revised questionnaires and conducted household surveys, provider surveys, pharmacy surveys, and focus group discussions with hundreds of respondents.

Ministry of Health (Chile)
Health Systems Research Consultant

Jun 2004 to Aug 2004
Santiago, Chile

Researched and contributed to policy papers on health care financing, private health insurance regulation, and risk-adjusted payment mechanisms in the office responsible for the design of Chile's comprehensive health reform. Co-organized two presentations for the 2005 International Health Economics Association's meeting in Barcelona on health reform in Latin America and risk-adjusted payment mechanisms.

North Metropolitan Health Service (Chile)*Health Systems Consultant*

Jun 2004 to Aug 2004

Santiago, Chile

Evaluated the management of waiting lists for specialty services in clinics and hospitals through a series of qualitative interviews at primary health care clinics, municipalities, ambulatory care centers, and hospitals. Provided process improvement and organizational recommendations to health service directors, clinic directors, information management professionals, and other bureaucrats in the Chilean Ministry of Health. Supported the Direction of Primary Care covering 700,000 publicly insured users while contributing to the modification of monitoring and evaluation procedures.

Harvard School of Public Health*Research Assistant/Teaching Assistant*

Dec 2003 to Aug 2006

Boston, MA

Developed a plan to redesign the Health Systems Analysis Doctoral track as directed by the head of the program and the Chair of the Department of Global Health and Population. Coordinated research for a professor presenting the Mexican Health Reform to Chinese officials. Conducted research on the performance of the private sector in the provision of public health and presented review papers to Harvard professors and international teams. Served as the Teaching Assistant for a course on the Chilean Health Reform.

Children's HeartLink*International Programs Associate/Coordinator*

Aug 2001 to Jul 2003

Minneapolis, MN

Administered medical programs developing and improving pediatric cardiac services in hospitals in seven countries. Organized the first International Cardiac Outreach Conference at Medtronic, Inc. World Headquarters. Initiated the development of an international network of like-minded cardiac charities and medical professionals. Recruited physicians, nurses, and other technically skilled volunteers from around the world. Developed and fostered the continuation of an ongoing relationship with Ohio University Tropical Disease Institute's sustainable public health programs in Ecuador.

US Peace Corps (Honduras)*Water & Sanitation Technician*

Sep 1998 to Dec 2000

Olancho, Honduras

Managed water system development and sustainment programs in Guayape County in Olancho, Honduras. Planned, designed, and coordinated the construction of gravity-flow potable water systems 30 kilometers in length. Led teams conducting topographical surveys and feasibility studies for water systems in seven communities. Trained local community leaders in water system maintenance, environmental health, and sustainability. Translated for and coordinated with seven medical missions seeing over 2,500 patients. Completed intensive training in water and sanitation system design, program management and planning, community development, cross-cultural themes, and Spanish.

Amigos de las Americas*Associate Project Director (Costa Rica)*

Jun 1996 to Aug 1996

Co-directed a staff of eight that were responsible for supervising fifty individuals working on community sanitation and housing projects in dozens of locations throughout rural Costa Rica. Managed the staff's budget, the community sanitation budget and the rural housing budget. Served as the project's principal liaison with the Costa Rican Ministry of Education.

Project Supervisor (Dominican Republic)

Jun 1995 to Aug 1995

Supervised nine individuals working in health promotion and on the construction of safe, fuel-efficient, and healthy stoves in four deforested rural towns near the Haitian border. Co-authored manual on the construction of the safe, fuel-efficient, and healthy stoves for headquarters in Houston. Coordinated program management and the distribution of project materials with non-governmental organizations.

Health and Sanitation Technician (Paraguay)

Jun 1994 to Aug 1994

Managed a latrine building and sanitation program in a small Guaraní community in rural Paraguay. Directed a health promotion program focusing on sanitation, hygiene, and micronutrient (focusing on iodine) deficiency in a region with a high prevalence of goiter and some cretinism.