

YANG WANG

Public Health Policy & Administration
Joseph J. Zilber School of Public Health, University of Wisconsin - Milwaukee
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EDUCATION

- PhD in Health Services Research, Administration, and Policy** 2016
University of Nebraska Medical Center (UNMC), Omaha, NE, USA
Dissertation: *Immigration-Related Disparities in Health Behavior and Health Care Utilization*
- Master of Art in Health Economics and Policy** 2012
Shandong University, Jinan, Shandong, China
Thesis: *Empirical Study on Rural Residents' Health Inequalities in Three Counties, Shandong*
- Bachelor of Art in Health Service Management** 2009
Anhui Medical University, Hefei, Anhui, China

WORK EXPERIENCE

- Assistant Professor.** Joseph J. Zilber School of Public Health, University of Wisconsin - Milwaukee July 2016-Current
- Graduate Research Assistant.** Department of Health Services Research and Administration, College of Public Health, University of Nebraska Medical Center 2012-2016

TRAINING

- Peking-Duke Global Health Certificate Program** Jun 2012
Beijing, China

PEER REVIEWED PUBLICATIONS

- Wang, Y., Wilson, F.A., Larson, J., & Chen, L.W. The Use of E-Cigarettes Among U.S. Immigrants. *Public Health Report*, 131(4), 605-613.
- Bhuyan, S.S., Wang, Y., Bhatt, J., Dismuke, E., Carlton, E., Gentry, D., LaGrange, C., & Chang, C.F. (2016) Paid Sick is Associated with Fewer Emergency Department Visits Among U.S. Private Sector Working Adults. *American Journal of Emergency Medicine*, 34(5), 784-789.
- Wilson, F.A., Wang, Y., Stimpson, J.P., McFarland, K.K., & Singh, K.P. (2015) Use of Dental Services by Immigration Status in the United States. *Journal of the American Dental Association*, 147(3), 162-169.e4.
- Wilson, F.A., Wang, Y., & Stimpson, J.P. (2015). Do Immigrants Underutilize Optometry Services? *Optometry and Vision Science*, 92(11), 1113-1119.
- Wilson, F.A., Stimpson, J.P., & Wang, Y. (2015). Inconsistencies Exist in National Estimates of Eye Care Services Utilization in the United States. *Journal of Ophthalmology*, 2015. <http://dx.doi.org/10.1155/2015/435606>
- Wilson, F.A., Wang, Y., Stimpson, J.P., Kessler, A.S., Do, D.V., & Britigan, D.H. (2014). Disparities in Visual Impairment by Immigrant Status in the United States. *American Journal of Ophthalmology*, 158(4), 800-807.

- Wilson, F.A., **Wang, Y.**, & Stimpson, J.P. (2014). Universal Paid Leave Increases Influenza Vaccinations Among Employees in the US. *Vaccine*, 32(21), 2441-2445.
- Wilson, F.A., **Wang, Y.**, & Stimpson, J.P. (2014). The Role of Sick Leave in Increasing Breast Cancer Screening Among Female Employees in the US. *Journal of Cancer Policy*, 2(3), 89-92.
- Bhuyan, S.S., **Wang, Y.**, Opoku, S., & Lin, G. (2013). Rural–Urban Differences in Acute Myocardial Infarction Mortality: Evidence from Nebraska. *Journal of Cardiovascular Disease Research*, 4(4), 209-213.
- Wang, Y.**, Wang, J., Maitland, E., Zhao, Y., Nicholas, S., & Lu, M. (2012). Growing Old Before Growing Rich: Inequality in Health Service Utilization Among the Mid-Aged and Elderly in Gansu and Zhejiang Provinces, China. *BMC Health Services Research*, 12(1) 302.
- Wang, Y.**, Wang, X., Wang, M.J., Li, Y.W., Zhang, G.J., & Wang, J. (2012). Analysis on Contribution of Rural Residents’ Hepatitis B Cognition’s Factors in the Perspective of Equity: An Empirical Research on 3 Provinces. *Chinese Journal of Health Policy*, 5(2), 53-58.
- Wang, Z., Zhao, K., & **Wang, Y.** (2012). Analysis of the Equity and its Decomposition of Adults Taking Hepatitis B Vaccine in Chinese Rural Areas. *Chinese Health Economics*, 9, 018.
- Wang, Z., Zhao, K., & **Wang, Y.** (2012). Performance of Hepatitis B Vaccination Program Among Children in Rural China. *Chinese Journal of Public Health*, 10, 014.
- Li, Y.W., Wang, J., & **Wang, Y.** (2012). Utilization and Cost of Inpatient Care and Their Determinants Among Rural Residents in Ji’nan City. *Chinese Journal of Public Health*, 5, 017.

MANUSCRIPTS IN PROGRESS

- Wang, Y.**, Wilson, F.A., & Chen, L.W. The Association Between Immigration Status and Office-Based Physician Visits for Cancer Patients in the United States. (Under Review: *Medical Care*)
- Wang, Y.**, Wilson, F.A., Stimpson, J.P., & Chen, L.W. Acculturation Increases E-Cigarette Use Among Adult Immigrants in the US. (Submitted to Plos One)
- Wilson, F.A., **Wang, Y.** Recent Findings on the Prevalence of E-cigarette Use Among Adults in the U.S. from the National Health Interview Survey. (Under Review: *American Journal of Preventive Medicine*)

WORKING MANUSCRIPTS

- Wang, Y.**, Chen, L.W., Cheng, S.H. Does Continuity of Care Reduce Preventable Hospitalization Among Patients with Mental Illness? Evidences from Longitudinal Taiwan Health Insurance Claims Data.
- Chen, L.W., **Wang, Y.**, Nguyen, A., Yu, F., Cheng S.H., Wilson, F.A., & Sun, X. Rural-Urban Differences in the Magnitude, Characteristics, and Determinants of Preventable Hospitalizations Due to Adults Ambulatory Care Sensitive Conditions in the United States.
- Wilson, F.A., **Wang, Y.**, Bae, S., & Stimpson, J.P. Disparities in Oral Health by Immigration Status in the United States.

POLICY BRIEFS & TECHNICAL REPORTS

- Wang, H.M., Tibbits, M., **Wang, Y.**, & ElRayes, W. School-Based Health Centers: Parent Survey Finding for the 2012-13 School Year. *UNMC College of Public Health*; 2014.
- Wang, H.M., Shaw-Sutherland, K., & **Wang, Y.** Nebraska Community Health Hubs Final Evaluation Report. *UNMC College of Public Health*; 2014.

- Stimpson J.P., Shaw-Sutherland K., & **Wang Y.** The Impact of Health Reform on Latinos and Immigrants in the Omaha-Council Bluffs Metropolitan Area. *Omaha, NE: UNMC Center for Health Policy*; 2012.
- Shaw-Sutherland K, **Wang Y**, Stimpson J.P. Health Reform Funding in Nebraska. *UNMC Center for Health Policy*; 2013.

CONFERENCE PRESENTATIONS

- Wang, Y.**, Wilson, F.A., & Chen, L.W. Examining Preventable Emergency Department Visits Across Immigration Status in the United States. *144th APHA Annual Meeting and Expo.* (Oral Presentation: Wang Y as Presenter)
- Wang, Y.**, Chen, L.W., & Wilson, F.A. Immigration Status and Office-Based Physician Visit Among Cancer Patients in the United States. *143rd APHA Annual Meeting and Expo.* (Oral Presentation: Wang Y as Presenter)
- Wang, Y.**, Bhuyan, S.S., & Chen, L.W. Association Between Disability Status, Self-Medication Behavior, and Residence Location Among Those Aged 45 Years and Older in China. *143rd APHA Annual Meeting and Expo.* (Oral Presentation: Wang Y as Presenter)
- Wilson, F.A., **Wang, Y.**, & Stimpson, J.P. Immigration Status and Utilization of Optometry Services in the United States. *143rd APHA Annual Meeting and Expo.* (Oral Presentation)
- Zhu, H., Bhuyan, S.S., **Wang, Y.**, & Chandak, A. Do Service Innovation Influence the Adoption of Electronic Health Records? New Evidence from Long-Term Care Sector. *142nd APHA Annual Meeting and Expo.* (Oral Presentation)
- Chandak, A, Bhuyan, S.S., & **Wang, Y.** Geographical Variation in the Supply of Nurse Practitioners in United States. *142nd APHA Annual Meeting and Expo.* (Poster Presentation)

RESEARCH EXPERIENCE

- Immigrant Health Disparities.** Advisor: Dr. Fernando Wilson (UNMC) **2013-2016**
- Conducted literature review and proposed research topics regarding immigrant health
 - Investigated health and health care disparities across immigrant status in the United States by analyzing nationally representative databases, including MEPS (Medical Expenditure Panel Survey), NHANES (National Health and Nutrition Examination Survey), and NHIS (National Health Interview Survey)
 - Drafted manuscripts for submission
- Economic Impact of Health Care Professionals.** Advisor: Dr. Li-Wu Chen (UNMC) **2015**
- Estimated direct and indirect impacts of UNMC medical graduates as health care professionals on the local economy in Nebraska using the IMPLAN model (Impact Analysis for Planning)
 - Evaluated effectiveness of RHOP (UNMC Rural Health Opportunities Program) on retention of health care professionals in rural Nebraska by analyzing data from a health professional tracking service
 - Assisted with completion of final report
- Preventable Hospitalization.** Advisor: Dr. Shou-Hsia Cheng (National Taiwan University) **2015 Summer**
- Developed a research proposal and applied for UNMC Summer Global Health Engagement and Research Scholarship that covered travel, living and research expenses in Taiwan
 - Analyzed longitudinal data from Taiwan's National Health Insurance (NHI) Research Database to investigate effect of continuity of care in reducing preventable hospitalizations
 - Drafted a manuscript for submission to peer-reviewed journals
- Health Intervention Program Evaluation in Nebraska.** Advisor: Dr. Hongmei Wang (UNMC) **2014**

- Investigated effect of school-based health centers (SBHC) on health outcomes and health care utilization among children, as well as parent satisfaction, by analyzing data collected through telephone interviews
- Collaborated with the Nebraska Department of Health and Human Services (DHHS) to evaluate effectiveness of community health hub (CHH) model on improving cancer screening, such as breast cancer, colon cancer, etc.
- Conducted data cleaning & analyses, and communicated with staff in DHHS
- Helped with drafting final reports for both projects

Rural/Urban Disparity in Birth Weight in Nebraska. Advisor: Li-Wu Chen (UNMC) **2013**

- Developed a proposal to apply for grant funding from the DHHS Joint Public Health Data Center
- Analyzed raw data collected from Nebraska PRAMS (Pregnancy Risk Assessment Monitoring System) to investigate factors contributing to rural/urban disparities in birth weight in Nebraska
- Drafted a final report presenting our findings

Research on Hepatitis B Vaccine in Rural China. Advisor: Dr. Jian Wang (Shandong University) **2009-2012**

- Participated in field survey of projects titled “To what extent user fees affect Hepatitis B vaccine coverage rates in China” (The Research Council of Norway) and “Field epidemiology and intervention research in demonstration area of Hepatitis B prevention, Shandong Province” (Ministry of Health of PRC)
- Conducted data input and cleaning
- Analyzed collected data and published a peer-reviewed journal article

FUNDING

Examine Relationships of Mental Illness, Continuity of Care and Preventable Hospitalizations in Taiwan. **May 2015-Jun 2015**

Funding Source: UNMC College of Public Health, **Global Health Engagement and Research Scholarship**

Role: Principal Investigator

Total Funding: \$5,000

Develop an Interactive E-Learning Module “A Practical Guide to Lease Financing Decisions within Health Services Organizations”. **Feb 2015-May 2015**

Funding Sources: University of Nebraska Medical Center, **Student E-Learning Fund**

Role: Director

Total Funding: \$1,000

Racial/Ethnic Disparities in Birth Weight in Rural/Urban Nebraska: A Decomposition Analysis. **Nov 2013-Feb 2014**

Funding Sources: **Nebraska Department of Health and Human Services (NE-DHHS)**

Role: Principal Investigator

Total Funding: \$2,422

TEACHING EXPERIENCE

Co-Instructor & Coordinator for US Health Care System, Management and Policy. **2015 Fall**

Course Leader: Dr. Li-Wu Chen (UNMC)

- Delivered lectures (in English) about US health care services and providers to Chinese trainees (faculty members from universities in western China) sponsored by China Scholarship Council
- Participated in discussions on course development
- Communicated with co-instructors about weekly course contents and prepared course materials

- Facilitated weekly in-class discussions comparing health care systems in US and China
- Served as an interpreter to address language barriers if any in class
- Helped trainees with selecting topics for final group presentations

Teaching Assistant for Health Economics. Instructor: Dr. Hongmei Wang (UNMC)

2014-2015

- Assisted the instructor with grading weekly assignments
- Helped proctor mid-term and final examinations
- Answered questions from students after class

E-learning Module Builder for Healthcare Finance. Mentor: Dr. Fernando Wilson (UNMC)

2015 Spring

- Developed a proposal to create an electronic module for on-campus learning at UNMC
- Organized and led discussions on e-learning module development
- Worked as a team leader to build an interactive E-learning module titled “A Practical Guide to Lease Financing Decisions within Health Services Organizations” for online courses using Articulate Storyline 2 software
- Presented the module to students and faculty at UNMC

PROFESSIONAL SOCIETIES

Member, AcademyHealth

2013-Current

Member, American Public Health Association

2013-Current

PROFESSIONAL DEVELOPMENT

Certificate of Excellence. E-Learning Innovator in Education.

2015

University of Nebraska Medical Center. Omaha, NE, USA

AWARDS & SCHOLARSHIPS

Student Incentive Award Disability Section, APHA

2015

Oral Presentation APHA Conference Travel Award, UNMC

2015

Research Assistantship Scholarship, UNMC

2012-2016

Outstanding Graduate Award in Anhui Province (Province-level)

2009

Excellent Student Award, Anhui Medical University

2005-2007

Outstanding Student Scholarship (Top Level), Anhui Medical University

2005-2008