

Curriculum Vitae Soumitra Bhuyan, PhD, MPH

Division of Health Systems Management and Policy
School of Public Health
The University of Memphis
Robison Hall 135
Memphis, TN, 38152

November 2016
(901)-678-3740 (Office)
sbhuyan@memphis.edu

EDUCATION:

2010- 2014 – Ph.D. (Health Services Research, Administration, and Policy) College of Public Health, University of Nebraska Medical Center, Omaha, NE

2008-2010 – M.P.H. (Health Education) - Western Kentucky University, Bowling Green, KY

2003- 2008 – Clinical Medicine (MD), Zhengzhou University, China

CURRENT POSITION AND AFFILIATION:

Assistant Professor of Health Systems Management and Policy, Division of Health Management and Policy, School of Public Health, The University of Memphis, 08/2014- Current

Research Fellow, Methodist Le Bonheur Center of Healthcare Economics, The University of Memphis, 08/2015- Current

Associate Editor: British Medical Journal Global Health

PEER REVIEW PUBLICATIONS:

1. **Bhuyan SS**, Chandak A, Gupta N, Wyant D, Kim JY, Bhatt J, Singh A, Gilmore S, Ahn SN, Chang C. Provision of Rehabilitation Services in Residential Care Facilities: Evidence from a National Survey. *Archives of Physical Medicine and Rehabilitation* (Accepted) Impact Factor: 3.05
2. **Bhuyan SS**, Ebuonyi I, Bhatt J. Persisting trend in the breach of medical neutrality: a wake-up call to the international community. *British Medical Journal Global Health* (Editorial). November 22, 1 (3) e000109; DOI: 10.1136/bmjgh-2016-000109

Media Coverage:

- Experts urge United Nations to protect hospitals from further attacks:
<https://www.statnews.com/2016/11/22/united-nations-hospitals-attacks/>
- Stand up for medical neutrality in war zones, international community urged -Persistent and blatant breaches of Geneva Convention going unpunished.
https://www.eurekalert.org/pub_releases/2016-11/b-suf111816.php

- Expertos instan a la comunidad internacional a defender la neutralidad médica en las zonas de Guerra. http://www.lainformacion.com/salud/personal-medico/Expertos-comunidad-internacional-defender-neutralidad_0_974602670.html
 - Ученые призывают Совбез ООН защитить нейтралитет медиков в Сирии. <https://ria.ru/science/20161123/1481929478.html>
3. **Bhuyan SS**, Shiyabola O, Kedia S, Chandak A, Wang Y, Isehunwa OO, Anunobi N, Ebuonyi, Deka P, Ahn SN, Chang C. Does Cost-Related Medication Nonadherence among Cardiovascular Disease Patients Vary by Gender? Evidence from a Nationally Representative Sample. *Women's Health Issue* (Forthcoming) Impact Factor: 1.80
 4. Liu T, Li X, You S, **Bhuyan SS**, Dong L. Effectiveness of AMD3100 in treatment of leukemia and solid tumors: from original discovery to use in current clinical practice. *Experimental Hematology & Oncology*. 2016 Jul 16; 5(1):1.
 5. **Bhuyan SS**, Bailey-DeLeeuw S, Wyant DK, Chang CF. Too Much or Too Little? How Much Control Should Patients Have Over EHR Data? *Journal of medical systems*. 2016 Jul 1; 40(7):1-4. Impact Factor: 2.2
 6. **Bhuyan SS**, Saha A, Bhatt J. Reducing Emergency Department Use Requires Interventions at Multiple Levels. *The American journal of emergency medicine*. 2016 Mar 30. Impact Factor: 1.5
 7. **Bhuyan SS**, Lu N, Chandak A, Kim H, Wyant D, Bhatt J, Kedia S, Chang CF. (2016) Use of Mobile Health Applications for Health-Seeking Behavior among US Adults. *Journal of medical systems*. 2016 40 (6), 1-8 Impact Factor: 2.2

Media Coverage:

The Pros and Cons of mobile health apps. <http://wreg.com/2016/05/05/the-pros-and-cons-of-mobile-health-apps/>

8. **Bhuyan SS**, Wang Y, Bhatt J, Dismuke SE, Carlton EL, Gentry D, LaGrange C, Chang CF. Paid sick leave is associated with fewer ED visits among US private sector working adults. *The American journal of emergency medicine*. 2016; 5(34):784-9. Impact Factor: 1.5

Media Coverage:

APHA Nations Health, April Issue

Study: Workers with paid sick leave take fewer trips to ER. WREG Channel 3, Memphis, TN
Link: <http://wreg.com/2016/03/03/study-workers-with-paid-sick-leave-take-fewer-trips-to-er/>

Memphis Finds That Paid Sick Leave is Associated with Fewer Emergency Room Visits among U.S. Adults Working in the Private Sector. Association of School and Program of Public Health Friday Letters Link: <http://www.aspph.org/memphis-finds-that-paid-sick-leave-is-associated-with-fewer-emergency-room-visits-among-u-s-adults-working-in-the-private-sector/>

9. **Bhuyan SS**, Chandak A, Gupta N, Isharwal S, LaGrange C, Mahmood A, Gentry D. Patient–Provider Communication About Prostate Cancer Screening and Treatment New Evidence From the Health Information National Trends Survey. *American journal of men's health*. 2015 Nov 26;1557988315614082. Impact Factor: 1.71

Media Coverage:

Most men not getting prostate cancer screening, treatment information they need. Link: <https://www.sciencedaily.com/releases/2016/01/160106220514.htm>

10. **Bhuyan SS**, Chandak A, Smith P, Carlton EL, Kenric D, Gentry D. (2015). Integration of Public Health and Primary Care: A Systematic Review of the Current Literature in Primary Care Physician Mediated Childhood Obesity Interventions. *Obesity and clinical practice* 9(6), pp.539-552. Impact Factor: 2.09
11. **Bhuyan SS**, Chandak A, Powell MP, Kim JY, Shiyanbola O, Zhu H, Shiyanbola O. (2015) Use of Information Technology for Medication Management in Residential Care Facilities: Correlates of Facility Characteristics. *Journal of medical systems*. 2015 May; 39:70 Impact Factor: 1.80
12. **Bhuyan SS**, Zhu H, Chandak A, Kim J, Stimpson JP. (2014). Do service innovations influence the adoption of electronic health records in long-term care organizations? Results from the US National Survey of Residential Care Facilities. *Int J Med Inform*. 2014 Dec; 83(12): 975-82. Impact Factor: 2.3
13. **Bhuyan SS**, Stimpson J, Rajaram S, Lin G. (2014) Mortality outcome among medically underserved women screened through a publicly funded breast cancer control program, 1997–2007. *Breast cancer res treat*. 2014 Jul; 146(1): 221-7. Impact Factor: 4.08
14. **Bhuyan SS**, Wang Y, Opoku S, Lin G. (2013) Rural-Urban Difference in Acute Myocardial Infraction Mortality: Evidence from Nebraska. *J Cardiovasc Dis Res*, 4(4), 209-213.
15. Chen HY, Chu H, Shi Y, **Bhuyan SS**, Li JP, Liu SR, Yang J. (2012) Association between endothelial nitric oxide synthase polymorphisms and atrial fibrillation: A Meta-Analysis. *J of Cardiovasc. Trans. Res*. 2012 Aug; 5 (4): 528-34. Impact Factor: 3.1
16. Chu H, Yang J, Mi S, **Bhuyan SS**, Li J, Zhong L, Liu S, Tao Z, Li J, Chen H. (2012) Tumor necrosis factor-alpha G-308: A polymorphism and risk of coronary heart disease and myocardial infraction: A case-control study and meta-analysis. *J Cardiovasc Dis Res* 2012; 3: 84-90.
17. Cai Z, Hu X, Zhou F, Han Y, **Bhuyan SS**, Li XY. Experimental studies of metronomic chemotherapy with docetaxel followed by dexamethasone on tumor growth and angiogenesis on mouse Lewi's lung carcinoma model. *Central Plain Medical Journal* 2007; 34 (8).

MANUSCRIPTS UNDER REVIEW/PREPARATION:

18. Looking Downstream to find Upstream Health Improvement Opportunities: A Place-based Framework for Population Health Management (Under Review at *American Journal of Public Health*)
19. Promoting Colorectal Cancer Screening through a New Model of Delivering Primary Care in the United States: A Qualitative Study (Revise and Resubmit *Rural and Remote Health*)

POLICY REPORTS:

1. **Bhuyan SS**, Deras M, Stimpson JP. Active Primary Care Physicians in Nebraska: Data Comparison, Supply and Characteristics. UNMC Center for Health Policy, Omaha, NE: August; 2012.
2. **Bhuyan SS**, Deras M, Cramer ME, Cuddigon JE, Stimpson JP. Primary Care Nurse Practitioners in Nebraska. UNMC Center for Health Policy, Omaha, NE: January; 2013.
3. **Bhuyan SS**, Deras M, Ritsema TS, Huckabee MJ, Stimpson JP. Primary Care Physician Assistants in Nebraska, UNMC Center for Health Policy, Omaha, NE: January; 2013.

CURRENT SERVICE POSITIONS (EDITORIAL BOARD/NATIONAL ORGANIZATION):

1. Associate Editor- BMJ Global Health
2. Editorial Board- Journal of Paediatric Care, Frontier in Public Health (Review Editor)

AWARDS AND HONORS:

1. Rising Star Award (Health Administration Section), **141st American Public Health Association Annual Meeting**, November 2-6, Boston, MA, 2013
2. Medical Care Session Best Student Paper Presentation Award, **142nd American Public Health Association Annual Meeting**, November 15-19, New Orleans, LA, 2014
3. Medical Care Session Best Student Paper Presentation Award, **141st American Public Health Association Annual Meeting**, November 2-6, Boston, MA, 2013
4. Best Student Abstract Award, Long Term Care Interest Group, **30th AcademyHealth Annual Research Meeting**, Baltimore, MD, June, 2013
5. Graduate Student of Distinction, Graduate College, **University of Nebraska Medical Center**, 2014
6. Delta Omega Honorary Society in Public Health
7. 2013 Chancellor Robert D. Sparks, MD, Public Health Student Research Award, **University of Nebraska Medical Center**, Omaha, NE, 2013
8. Carruth J. Wagner Scholar in Public Health- Outstanding Graduate Student Award, **University of Nebraska Medical Center**, Omaha, NE, 2013

Student Mentorship

1. Niodita Gupta- Best Student Paper Presentation Award, Medical Care Section, 143rd American **Public Health Association Annual Meeting**, Chicago, IL, 2015
2. Yang Wang- Student Incentive Award, Excellence in Disability and Public Health Research, Disability Section, **143rd American Public Health Association Annual Meeting**, Chicago, IL, 2015

LEADERSHIP ROLES:

American Public Health Association

- 1) Section Councilor, Health Administration Section, **American Public Health Association**, 2014-2017
- 2) Co-chair, Finance Committee, Health Administration Section, **American Public Health Association**, 2014-
- 3) Co-Chair, By-Laws, Operations, and Strategic Planning, Health Administration Section, **American Public Health Association**, 2013-2014
- 4) Member, Finance Committee, Health Administration Section, **American Public Health Association**, 2013-2014
- 5) Member, Policy and Advocacy Committee, Health Administration Section, **American Public Health Association**, 2013-2014
- 6) Student Liaison, Health Administration Section, **American Public Health Association**, 2012-2013

AcademyHealth

- 1) Healthcare Workforce Interest Group Advisory Committee, **AcademyHealth**, 2013-2016

GRANT APPLICATIONS:

Funded

Determinants of Breast Cancer Survival in Nebraska, 1997-2010

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

Role: Principal Investigator

2013-2014

An Assessment of Primary Care Providers Practicing in Rural Nebraska

Funding Source: College of Public Health,

University of Nebraska Medical Center

Role: Principal Investigator

2013-2014

Unfunded

Electronic Health Records and Ambulatory Care Patient Safety (RO1)
 Funding Source: Agency for Healthcare Research Quality
 Role: Co-Investigator
 April 2015

Effectiveness of Tennessee Breast and Cervical Cancer Screening Program on Diagnosis, Treatment, and Survival Benefits of Low Income Breast Cancer Patients
 Founding Source: Memphis Research Consortium
 Role: Principal Investigator
 November 2015

PRESENTATION:

Oral/paper presentations

1. **Bhuyan SS**, Chandak A, Singh A, Gupta N, Wyant D. Perception about Importance of Personal Health Records and Willingness to Exchange Medical Information Electronically. **143rd American Public Health Association Annual Meeting**; Chicago, 2015
2. Gupta N, **Bhuyan SS**, Chandak A, Isharwal S, LaGrange C. Patient-Provider Communication about Prostate-Specific Antigen Testing and Prostate Cancer Treatment: Evidence from Health Information National Trends Survey. American Public Health Association Annual Research Meeting, Chicago, IL, November 2015.
3. Wang Y, **Bhuyan SS**, Chen LW. Association between Disability Status, Self-Medication Behaviour, and Residence Location among Those Aged 45 Years and Older in China. **143rd American Public Health Association Annual Meeting**; Chicago, 2015
4. Ishwarwal S, **Bhuyan SS**, Chandak A, Gupta N, LaGrange C. Patient-Provider communication about Prostate Specific Antigen Screening: Evidence from Health Information National Trends Survey. **94th Annual meeting, South Central section of the American Urology Association**, Scottsdale Arizona. October 28 - 31, 2015
5. Ishwarwal S, **Bhuyan SS**, Wilson F, Stimpson JP, LaGrange C. Comparison of patient reported urinary incontinence and potency rate after robot assisted and laparoscopic surgery for treatment of localized prostate cancer: A pooled analysis. **94th Annual meeting, South Central section of the American Urology Association**, Scottsdale Arizona. October 28 - 31, 2015
6. **Bhuyan SS**, Stimpson J, Rajaram S, Lin G. Mortality outcome among medically underserved women screened through a publicly funded breast cancer program, 1997-2007. **142nd American Public Health Association Annual Meeting**; New Orleans, 2014
7. Zhu H, **Bhuyan SS**, Wang Y, Chandak A. Do Service Innovation Influence the Adoption of Electronic Health Records? New Evidence from long-term care sector. **142nd American Public Health Association Annual Meeting**; New Orleans, 2014

8. Chandak A, **Bhuyan SS**, Wang Y. Geographic variation in the supply of nurse practitioners in United States. **142nd American Public Health Association Annual Meeting**; New Orleans, 2014
9. **Bhuyan SS**, Opoku S, Lin G. Rural-Urban Difference in Acute Myocardial Infarction Mortality: Evidence from Nebraska. **141st American Public Health Association Annual Meeting**; Boston, MA, 2013
10. **Bhuyan SS**, Apenteng B, Kim JY. Factors associated with the provision of cultural sensitivity training in hospice agencies: Evidence from national home health and hospice survey. **141st American Public Health Association Annual Meeting**; Boston, MA, 2013
11. **Bhuyan SS**, Stimpson JP. Challenge of identifying the size of the primary care physician workforce: Comparison of two sources of physician supply data in Nebraska. **140th American Public Health Association Annual Meeting**; San Francisco, CA, 2012
12. **Bhuyan SS**, Singh P, Mishra R, Stimpson JP. Comparative effectiveness of intervention program to increase walking among older adults: Implication for policy and Practice. **International Conference of Aging, Mobility, and Quality of Life**, Ann Arbor, MI, 2012

Poster

1. Chandak A, **Bhuyan SS**, Gupta N. Association between Organizational Characteristics and Provision of Clinical Services in Assisted Living Facilities. **American Public Health Association Annual Research Meeting**, Chicago, IL, November 2015.
2. Chandak A, **Bhuyan SS**, Nayar P. Organizational Correlates of Provision of Social Service Counseling in Long Term Care: Evidence from National Sample of Residential Care Facilities. **AcademyHealth Annual Research Meeting**, Minneapolis, MN, June 2015.
3. Ishwarwal S, **Bhuyan SS**, Wilson F, Stimpson JP, LaGrange C. The Association between market factors and provision of robot-assisted radical prostatectomy: Evidence from a U.S. national hospital database. **94th Annual meeting, South Central section of the American Urology Association**, Scottsdale Arizona. October 28 - 31, 2015
4. Opoku, S, Lin G, Apenteng B, **Bhuyan SS**. Evaluating Interstate migration among International Medical Graduates in the United States. **141st American Public Health Association Annual Meeting**; Boston, MA, 2013
5. **Bhuyan SS**, Neng W, Deras M, Stimpson JP. Spatial and social factors associated with access to primary care in Nebraska. **Rural Futures Conference**, Lincoln, NE, 2013
6. Chandak A, **Bhuyan SS**, Deras M, Stimpson JP. Pharmacy Services in Rural Nebraska: Current Status and Future Implications, **Rural Futures Conference**, Lincoln, NE, 2013

7. **Bhuyan SS, Li ZJ, Kim JY, Stimpson JP.** Organizational Factors Associated With the Use of Electronic Health Record: Results from National Survey of Residential Care Facilities. 30th **Academy Health Annual Research Meeting**, Baltimore, MD, 2013
8. **Bhuyan SS, Chandak A, Deras M, Stimpson JP.** Factors Associated with physician assistant practice in Primary Care: Evidence from Nebraska. 30th **AcademyHealth Annual Research Meeting**, Baltimore, MD, 2013
9. **Bhuyan SS, Stimpson J, Rajaram S, Lin G.** Are they working? Evaluation of a federally funded breast cancer-screening program in Nebraska. **UNMC College of Public Health Annual Research Day**, NE, 2013
10. Chandak A, **Bhuyan SS**, Deras M, Stimpson JP. Trends in Pharmacy Workforce Supply in Nebraska, 2008-2012. **UNMC College of Public Health Annual Research Day**, NE, 2013
11. Opoku, S, Lin G, Apenteng B, **Bhuyan SS.** Assessing Interstate migration among International Medical Graduates in the United States. 9th Annual **AAMC Physician Workforce Research Conference**; Alexandria, VA, 2013
12. **Bhuyan SS, Neng W, Deras M, Stimpson JP.** Access to Primary Care in Nebraska: An Integrated Approach. **Nebraska Public Health Association Annual Conference**, Grand Island, NE, 2013
13. Chandak A, **Bhuyan SS**, Deras M, Stimpson JP. Geographic distribution of pharmacies in Nebraska. **Nebraska Public Health Association Annual Conference**, Grand Island, NE, 2013
14. **Bhuyan SS, Li ZJ, Kim JY, Stimpson JP.** Organizational Factors Associated With the Use of Electronic Health Record: Results from National Survey of Residential Care Facilities. **UNMC College of Public Health Annual Research Day**, NE, 2012.

INVITED SEMINARS:

1. Organizational Factors Associated with the Use of Electronic Health Record: Results from National Survey of Residential Care Facilities. University of Nebraska Medical Center, College of Public Health. April, 2013

TEACHING EXPERIENCE:

Health Services Research
School of Public Health
The University of Memphis

Instructor
Fall (2016)

Healthcare Information System
School of Public Health
The University of Memphis

Instructor
Spring (2015, 2016)

Health Services Administration
College of Public Health, UNMC

Teaching Assistant
Fall (2011, 2012)

PRIOR WORK EXPERIENCE:

Center for Health Policy
Dep. of Health Services Research, Administration and Policy
University of Nebraska Medical Center, Omaha, NE
Aug, 2010- Aug, 2014
Supervisor: Jim Stimpson, PhD
Marlene Deras, Director, Health Professions Tracking Service

Graduate Assistant

World Health Organization
European Regional Office
Country Office, Albania
05/2010-08/2010

Internship

COMMITTEE SERVED AND VOLUNTEER ACTIVITIES:

The University of Memphis, School of Public Health

1. School of Public Health Marketing Committee, 2014-
2. Master of Healthcare Administration Student Admission Committee, 2014-
3. Health Systems Management and Policy PhD program Curriculum Committee, 2015-
4. Graduate Certificate in Healthcare Analytics Program Planning Committee, 2016-

University of Nebraska Medical Center (UNMC)

1. Student Admission and Recruitment Committee (Ph.D. Student Representative) UNMC, 2012-2013
2. Vice President, College of Public Health Student Association, UNMC, 2012- 2013
3. Career Development Committee Member, Graduate Student Association, UNMC, 2012- 2013
4. Wellness Council, UNMC, College of Public Health, 2012-2013

Western Kentucky University (WKU)

1. Graduate Council Student Representative, College of Health and Human Services, WKU, 2008-2009

Review:

Funding Agency

1. Population Research Committee, Cancer Research, United Kingdom, 2016

Conference Abstract

1. Abstract Review, AcademyHealth (Healthcare Workforce Interest Group), Annual Research Meeting, 2014, 2015, 2016
2. Abstract Review, American Public Health Association Annual Conference, 2013, 2014, 2015

Peer Review Activities

1. European Journal of Cancer Care
2. American Journal of Men's Health
3. Journal of Medical Systems
4. International Journal of Medical Informatics
5. Applied Clinical Informatics
6. Journal of Cancer Prevention
7. Oncotarget
8. American Journal of Preventive Medicine
9. Journal of Healthcare for Poor and Underserved

COMMUNITY SERVICE:

Future Selves Project
Spring, 2009
Bowling Green, KY

Volunteer

PROFESSIONAL AFFILIATIONS:

1. American Public Health Association, 2010-
2. AcademyHealth, 2011-
3. Delta Omega Honorary Society in Public Health, 2014-
4. Global Health Council, 2010-2011
5. New York Academy of Medicine (Elected Student Member), 2012-
6. Nebraska Public Health Association, 2013- 2014

MEDIA COVERAGE RESEARCH

(National Public Health Newsletter/ Print Media/ Television):

January 6th, 2016- Most men not getting prostate cancer screening, treatment information they need. ScienceDaily. <http://www.sciencedaily.com/releases/2016/01/160106220514.htm>

December 10th, 2015. Memphis Leads Study on Patient–Provider Communication about Prostate Cancer Screening and Treatment. ASPPH Friday Letter. <http://www.aspph.org/memphis-leads-study-on-patient-provider-communication-about-prostate-cancer-screening-and-treatment/>

August 19th, 2015- Memphis Study Examines Effectiveness of Primary Care Physician Mediated Interventions for Prevention and Treatment of Childhood Obesity. ASPPH Friday Letter. <http://www.aspph.org/memphis-study-examines-effectiveness-of-primary-care-physician-mediated-interventions-for-prevention-and-treatment-of-childhood-obesity/>

May 20th, 2015- Memphis Finds Residential Care Facilities have Low Utilization of Information Technology Systems for Medication Management. ASPPH Friday Letter. <http://www.aspph.org/memphis-finds-residential-care-facilities-have-low-utilization-of-information-technology-systems-for-medication-management/>

January 8th, 2015- Memphis Faculty Elected as Section Councilor of APHA Health Administration Section. ASPPH Friday Letter. <http://www.aspph.org/memphis-faculty-elected-as-section-councilor-of-apha-health-administration-section/>

December 11, 2014- Memphis Study Finds Evidence about Service Innovations and Adoption of Electronic Health Records in Residential Care Facilities. ASPPH Friday Letter. <http://www.aspph.org/memphis-study-finds-evidence-about-service-innovations-and-adoption-of-electronic-health-records-in-residential-care-facilities/>

November 14th, 2014- WREG investigation finds hundreds of privacy violations at Memphis VA. News 3 Channel. <http://wreg.com/2014/11/13/wreg-investigation-finds-hundreds-of-privacy-violations-at-memphis-va/>

November 15, 2013- Nebraska Doctoral Candidate received 2013 “Rising Star” Award from APHA. ASPH Friday Letter. <http://www.aspph.org/nebraska-doctoral-candidate-received-2013-rising-star-award-from-apha/>

July 5, 2013- Nebraska Doctoral Student Wins National Awards from AcademyHealth and APHA. ASPH Friday Letter. http://archives.fridayletter.asph.org/article_view.cfm?FLE_Index=21396&FL_Index=1785