

**Mohammad Rifat Haider**

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**Education:**

<b>2017</b>	<b>Ph.D. in Health Services Policy and Management</b> (Concentration: Health Economics) Dissertation: “Economic burden of Tuberculosis among Bangladeshi population and Economic Evaluation of the Current Approaches of Tuberculosis Control in Bangladesh” Advisor: M. Mahmud Khan, Ph.D.	Dept. of Health Services Policy and Management, <b>University of South Carolina, Columbia, SC</b>
<b>2013</b>	<b>Master of Population Sciences (MPS)</b> Thesis: “Willingness to Pay and Willingness to Join in Micro Health Insurance among Female Garments Workers of Dhaka City”	Dept. of Population Sciences, <b>University of Dhaka, Bangladesh</b>
<b>2010</b>	<b>Master of Health Economics (MHE)</b> Thesis: “Determinants and level of Household Expenditure in Khaliajuri: A Hard-to-reach Area in Bangladesh”	Institute of Health Economics, <b>University of Dhaka, Bangladesh</b>
<b>2007</b>	<b>Bachelor of Medicine and Surgery (MBBS)</b>	Dhaka Medical College, <b>University of Dhaka, Bangladesh</b>

**Honors and Awards:**

- **2021, TEAMS (Translational Education and Mentoring in Science) Initiative, Georgia CTSA (Clinical & Translational Science Alliance)**  
- Selected for one-year mentorship program for the faculty and staff at the participating universities in Georgia.
- **2021, CHSP Faculty Research and Creativity Award, College of Health Sciences and Professions, Ohio University**  
- For significant accomplishments in research manifested by peer-reviewed publications, conference presentations, and writing and securing grants.
- **2020, Chair’s Research Award, Department of Social and Public Health, Ohio University**  
- Selected for this prestigious award by the Chair for best scholarly achievements in the department.
- **2019, HIV and Aging Conference Mentoring Workshop, Emory University School of Nursing**

- Junior faculty qualifying as early stage and new investigators and post-doctoral fellows who have already identified a research topic at the intersection of HIV and Aging are competitively selected for this mentoring workshop.
- **2019, American Public Health Association (APHA), Best HIV/AIDS Abstract Award**
  - Co-author of the oral presentation awarded as the best abstract submitted to the HIV/AIDS section of APHA for the 2019 annual meeting.
- **2018, Inductee, Delta Omega Honorary Society in Public Health (Mu Chapter)**
  - Members are inducted by chapters through a highly selective process that assesses their outstanding performance and devotion to the field of Public Health.
- **2017, Breakthrough Graduate Scholar Award, University of South Carolina (USC)**
  - Award given to USC's most promising graduate students, who demonstrate phenomenal commitment to research and scholarly activity.
- **2017, Student Achievement Award, Health Administration Section, American Public Health Association (APHA)**
  - Each year Health Administration Section of APHA gives this award to an outstanding student who has achieved extraordinary success in academic, research, and co-curricular activities.
- **2017, Annual Meeting Student Scholarship, Student Assembly, American Public Health Association (APHA), Atlanta, GA**
  - Registration and travel grants are awarded to students for attending the APHA Annual Meeting on a competitive basis.
- **2017, Patient-Centered Outcomes Research Institute (PCORI) Annual Meeting Trainee Scholarship, Arlington, VA**
  - Travel Grants are awarded to early career professionals/students for attending the PCORI Annual Meeting on a competitive basis.
- **2017, International Society on Pharmacoeconomics and Outcomes Research (ISPOR) Student Travel Grant, 22<sup>nd</sup> Annual International Meeting, Boston, MA**
  - Travel Grants are awarded to students for attending the ISPOR Annual Meeting on a competitive basis.
- **2016, American Public Health Association (APHA), Student Poster Showcase Award**
  - Alcohol, Tobacco and Other Drugs (ATOD) Section of APHA award for valuable contribution to the tobacco use prevention.
- **2015, Award of Recognition, Health Administration Section, American Public Health Association (APHA)**
  - Health Administration Section of APHA offers this award for an individual who has done something extraordinary on behalf of the Section.
- **2014, TDR Post Graduate Training Grant, TDR, World Health Organization**
  - Training grant awarded to developing country researchers for completing their Ph.D. or Masters' degree with special focus on tropical diseases.
- **2014, Swedish Bangladesh Trust Fund Travel Grant**
  - Awarded to Bangladeshi students for one-way travel to the country where they pursue post-graduate studies.
- **2013, Arnold Fellowship, University of South Carolina**
  - Competitive fellowship awarded by the Arnold School of Public Health at University of South Carolina (USC) for the outstanding first year graduate students.
- **2013-2017, Arnold School of Public Health and Graduate School, USC Travel Grants**
  - Received six travel grants to attend national and international conferences.
- **2011, UNFPA Merit Stipend, Department of Population Sciences, University of Dhaka**
  - Merit stipend given among the top-ten students in each Masters cohort.

- **2008, Champion, World Quizing Contest, Bangladesh Chapter**  
- Secured first place in the inaugural competition in Bangladesh.
- **2002-2007, Board of Intermediate and Secondary Education, Dhaka Scholarship**  
- Awarded to students for their outstanding results in the Higher Secondary Certificate (HSC) examination.
- **2001, Honorable Mention, Notre Dame College, Dhaka**  
- Awarded to students for their outstanding academic and extra-curricular achievements.
- **1999-2001, Board of Intermediate and Secondary Education, Dhaka Scholarship**  
- Awarded to students for their outstanding results in the Secondary School Certificate (SSC) examination.

### **Research and Professional Experience:**

- **August 2021 – Present: Assistant Professor (Tenure-Track), Dept. of Health Policy and Management, College of Public Health, University of Georgia, Athens, GA**  
- Pursuing independent research on Neurocognition, Adverse Childhood Experiences, HIV, substance use, and sexually transmitted diseases.
- **August 2019 – August 2021: Assistant Professor (Tenure-Track), Dept. of Social and Public Health, College of Health Sciences and Professions, Ohio University, Athens, OH**  
- Conducted independent research on HIV, opioid addiction, and sexually transmitted diseases and Hepatitis.
- **January 2018 – August 2019: Post-doctoral Fellow, SC SmartState Center for Health Care Quality, Department of Health Policy, Education & Behavior, Arnold School of Public Health, University of South Carolina, Columbia, SC**  
- Participated in NIH-funded Big Data research project on HIV/AIDS, treatment and health care utilization in South Carolina (SC).  
- Conducted Big Data analysis, literature review, preparation of manuscripts and grant applications, and other related tasks.  
- Assisted in developing predictive analytic approaches to identify patient-level and claim-level factors associated with future retention or engagement in HIV care.  
- Applied machine learning techniques to the dataset for optimization of predictive models as well as the maintenance of the dataset, other business intelligence tools and databases.
- **August 2013 - December 2017: Graduate Research Assistant, Department of Health Services Policy and Management, Arnold School of Public Health, University of South Carolina, Columbia, SC**  
- Conducted a study assessing health facility efficiency in Papua New Guinea (PNG) with a focus on secondary care. Involved in designing the study, preparing patient, provider, facility and costing questionnaires, analyzing the data, and writing the final report.  
- Analyzed data from “Impact Evaluation of Nigeria State Health Program Investment Credit” study.  
- Helped in preparing document for Commission on Accreditation of Healthcare Management Education (CAHME) visit at the department.  
- Analyzed secondary publicly available US data, e.g., Medical Expenditure Panel Survey (MEPS), National Ambulatory Medical Care Survey (NAMCS), National Hospital Ambulatory Medical Care (NHAMCS), National Adult Tobacco Survey (NATS), Health Information National Trend Survey (HINTS), National College Health Assessment (NCHA) and also analyzed publicly available Bangladesh data, e.g., Bangladesh Demographic and Health Survey (BDHS), and Bangladesh Urban Health Survey (BUHS). Used multivariable regression techniques, instrumental variable technique, propensity score matching,

confirmatory factor analysis, time series analysis for different research topics using these datasets.

- Analyzed data on opioid misuse in South Carolina, prepared and published manuscript on opioid prescription trend in the US and its associated cost.
- Conducted study on economic impact of Self-Regional Healthcare in South Carolina.
- Conducted research on effects of tobacco tax increase on cigarette sales in South Carolina, and program evaluation of South Carolina youth tobacco prevention campaign.
- **December 2010 - July 2013: Technical Consultant, Microinsurance Research Unit (MRU), Institute for Inclusive Finance and Development (InM), Dhaka, Bangladesh**
  - Conducted Healthcare Facility Surveys in three districts.
  - Drafted a working paper based on the findings of the Healthcare Facility Survey.
  - Designed and implemented a randomized controlled-trial to assess the effect of alternative micro health insurance packages for poor people in Mymensingh district of Bangladesh.
  - Drafted reports.
  - Involved in the Universal Health Care (UHC) movement in Bangladesh.
- **September 2008 - November 2010: Medical Officer, Skilled Birth Attendant (SBA) Training Program, Obstetrical and Gynecological Society of Bangladesh (OGSB), Dhaka, Bangladesh**
  - Selected and trained Community Based Skilled Birth Attendants (CSBAs) for five training centers in Bangladesh.
  - Provided assistance to and maintaining liaison with the coordinators and the members of the district training coordination committees.
  - Provided technical assistance to the Trainers & Trainees during training sessions.
  - Monitored and evaluated of the performance of the Trainers & Trainees in the classroom and community practice.
- **September 2007 - August 2008: Intern Doctor, Dhaka Medical College Hospital, Dhaka, Bangladesh**
  - Treated both indoor and outdoor patients in different departments and wards in the largest hospital of Bangladesh.

### Teaching Experience:

- **August 2021 – Present: Assistant Professor (Tenure-Track), Dept. of Health Policy and Management, College of Public Health, University of Georgia, Athens, GA**
  - Instructor of Record of HPAM 3500 Intro to Healthcare Management and HPAM 7250 Human Resources in Healthcare
- **August 2019 – August 2021: Assistant Professor (Tenure-Track), Dept. of Social and Public Health, College of Health Sciences and Professions, Ohio University, Athens, OH**
  - Instructor of Record of Healthcare Finance I (HLTH 4210) and Healthcare Finance II (HLTH 4220) in the undergraduate Health Services Administration (HAS) program.
  - Lead faculty for Health Care Law (HLTH 6280), Health Informatics (HLTH 6120), Health Finance (6210) in the online Master of Health Administration (MHA) program.
  - Student advising
  - Internship supervision
- **August 2013 - December 2017: Instructor and Teaching Assistant, Dept. of Health Services Policy and Management, Arnold School of Public Health, USC, Columbia, SC**
  - Instructor of Record of an undergraduate course on Health Economics (HSPM 412-Fall 2014)

- Instructor of Record of Doctoral Seminar on Health Services Research Methods (HSPM 800- Fall 2017)
- Teaching Assistant for several graduate courses:
  - Health Economics (HSPM 712- Spring 2014, Spring 2015, Spring 2016)
  - Quantitative Methods for Health Administration (HSPM 716- Spring 2014)
  - Approaches and Concepts for Health Administration (HSPM 700- Summer 2014)
  - International Health (HSPM 772- Fall 2017)
  - Managerial Epidemiology and Statistics in Healthcare (HSPM 775- Fall 2017)
  - Healthcare Policy and Principles of Health Insurance (HSPM 777- Summer 2017)
  - Doctoral Seminar on Health Services Research Methods (HSPM 800- Summer 2016)
- **April 2017: Preparing Future Faculty (PFF) Certificate, Center for Teaching Excellence (CTE), USC, Columbia, SC**
  - PFF certificate is awarded to the graduate students of USC who have completed activities designed to prepare participants in the critical areas of faculty competence: teaching, research and service. This accomplishment is an indicator of the participant's initiative and a measure of experience toward becoming future faculty.
- **March 2012 - August 2013: Lecturer, Dept. of Public Health and Informatics, Jahangirnagar University, Dhaka, Bangladesh.**
  - Instructor of Record of Health Economics, Population Dynamics, and Biostatistics courses in an undergraduate public health program.
  - The department of Public Health is first of its kind in Bangladesh offering Undergraduate degree. Prepared syllabi and course curriculum, served in several committees, and mentored students.

### **Student Advising:**

- Member of Ph.D. committees: One (Hasibur Rahman, Chemistry and Biochemistry Department, OU).

### **Funding and Collaboration:**

#### **❖ Ongoing Projects:**

- **Co-Investigator, Feasibility and acceptability of an immersive gaming technology for HIV intervention among immigrant and refugee youth in the US, Columbus Foundation (PI: Caroline Kingori, Ph.D.)**
  - develop and launch an interactive digital sexual health intervention pilot tool with the primary focus of providing culturally relevant sexual education to immigrant and refugee youth and young adults aged 18 to 25.
  - Amount of Award: \$50,000.00**

#### **❖ Completed Projects:**

- **PI, Impact Evaluation of syringe services program (SSPs) in reducing Hepatitis C infections among drug users in Ohio, Ohio University Research Council (OURC), June 2020-June 2021.**
  - Examine the impact of the SSPs in the state of Ohio after controlling for county level social, economic, demographic, health, and geospatial correlates.
  - Amount of Award: \$4,000.00**
- **Post Doctoral Fellow, Big Data Analytics of HIV Treatment Gaps in South Carolina: Identification and Prediction, NIH (PI: Dr. Xiaoming Li, Co-PI: Dr. Bankole Olatosi), June 2018-May 2022.**
  - Applied predictive analytic approaches to identify patient-level and claim-level factors associated with future retention or engagement in HIV care.
  - Amount of Award: \$633,579.00**

- **PI, TDR Post Graduate Training Grant, TDR, World Health Organization (WHO), September 2014-December 2017.**
  - Economic burden of Tuberculosis among Bangladeshi population and Economic Evaluation of the Current Approaches of Tuberculosis Control in Bangladesh.**Amount of Award: \$49,100.00**
- **Co-PI, Economic evaluation of the Ponseti method of clubfoot correction in Rangpur, Bangladesh (PI: Dr. Ahmed Ehsanur Rahman), December 2015-December 2017.**
  - Providing technical assistance in conducting health economic evaluation in collaboration with University of British Columbia (UBC), International Center for Diarrheal Disease Research, Bangladesh (icddr,b).**Amount of Award: \$12,500.00**
- **Graduate Research Assistant, Health Facility Efficiency Study in Papua New Guinea (PNG) with a Focus on Secondary Care, The World Bank Project (PI: Dr. M. Mahmud Khan), June 2014-June 2017.** - Involved from the initial phase of accumulating collaborating organizations (PNG institute of Medical Research, Nossal Institute on Global Health, University of Melbourne), writing the grant proposal, preparing survey instruments, analyzed data, contributed to report writing.  
**Amount of Award: \$438,760.00**
- **Graduate Research Assistant, The Effects of the 2010 Cigarette Tax Increase on Cigarette Sales in South Carolina: An Estimation of Tax Elasticity of Demand for Cigarettes (PI: Dr. Ibrahim Demir), September 2016-December 2017.**
  - Conducting research on effects of 2010 cigarette tax increase on cigarette sales in SC.**Amount of Award: \$35,308.00**
- **Graduate Research Assistant, Economic Impact of Self-Regional Healthcare. PI. Self-Regional Healthcare (PI: Dr. Ibrahim Demir), May 2016-August 2016.**
  - Estimated economic impact of Self-Regional Healthcare.**Amount of Award: \$15,644.00**
- **Graduate Research Assistant, Determining Patterns of Opioid Misuse and Misprescribing in South Carolina (PI: Dr. Zaina Qureshi), January 2014-December 2016**
  - Conducted research on opioid prescription drug use and expenditure in the US physician outpatient settings.**Amount of Award: \$11,687.00**
- **UNFPA scholarship for research, Dept. of Population Sciences, University of Dhaka. July 2011-June 2013.**
  - Research scholarship given to the top ten students of the class for primary thesis data collection.**Amount of Award: \$1,000.00**
- **USAID Small Research Grants for Students of University of Dhaka. October 2010-June 2011.**
  - Received competitive research grant for conducting a research study titled “Decision making dynamics in family regarding use of obstetric care services in rural Bangladesh: Does Women’s autonomy matters?”**Amount of Award: \$1,000.00**

**Grant Proposals Submitted:**

- Summer 2021 NIH R21 Rifat Haider, Ph.D. (PI)  
Geospatial Impact Evaluation of Syringe Services Programs in reducing HIV and Hepatitis C infections among Persons who inject drugs in Ohio  
Role: PI (Under Review)
- Spring 2021 NIH R21 Zelalem Haile, Ph.D. (PI)  
Influence of E-Cigarette Use and State E-Cigarette Regulations on Smoking Behavior in Pregnancy  
Role: Co-PI (Under Review)
- Fall 2020 Columbus Foundation Caroline Kingori, Ph.D. (PI)  
Attitudes and Practices of COVID19 among Immigrant and Refugee Communities in Ohio  
Role: Co-Investigator (Under Review)
- Fall 2020 Columbus Foundation Caroline Kingori, Ph.D. (PI)  
Feasibility and acceptability of an immersive gaming technology for HIV intervention among immigrant and refugee youth in the US  
Role: Co-Investigator (Funded)
- Spring 2020 CRDF Global U.S.-Japan Cooperative Medical Sciences Program Collaborative Awards, 2020 Tajuddin Sikder, Ph.D. & Rifat Haider, Ph.D. (PI)  
Development of Antimicrobial resistance from clinical waste: Vulnerability, identification, and sustainable management approach  
Role: U.S. PI (Not Funded)
- Spring 2020 Ohio University Research Council (OURC) Rifat Haider, Ph.D. (PI)  
Impact Evaluation of syringe exchange program in reducing Hepatitis C infections among drug users in Ohio  
Role: PI (Funded)
- Spring 2020 Presidential Global Engagement Fund, OU Caroline Kingori, Ph.D. (PI)  
Examining HIV-related stigma among HIV patients and providers in Bangladesh: A mixed-method study  
Role: Co-Investigator (Postponed)
- Fall 2019 The World Bank Mahmud Khan, Ph.D. (PI)  
Nuton Jibon Livelihood Improvement Project: An Assessment of Maternal Nutrition and Infant and Young Child Feeding Practices  
Role: Consultant (Not Funded)
- Fall 2019 NIH R21 Caroline Kingori, Ph.D. (PI)  
Adoption of An Intervention to Reduce Stigma Among Youth HIV Positive Mothers in Kenya  
Role: Co-Investigator (Not funded)
- Fall 2019 Ohio Department of Higher Education Rifat Haider, Ph.D. (PI)  
Third Frontier Research proposal on opioid addiction among pregnant mothers  
Role: PI (Not funded)
- Fall 2019 CIS Research and Creative Activity Award, OU Rifat Haider, Ph.D. (PI)  
Integrating Demographic and Health Survey and Management Information System for Spatial Analysis of Family Planning Activities and Outcomes in Bangladesh  
Role: PI (Not funded)

**CONSULTANTSHIPS**

- 2015 Solidaridad Network Asia-funded project titled “SaFaL Nutrition, Gender, and Power Dynamic Study-2015”.
- 2013 World Bank-funded project titled “Northern Areas Reduction of Poverty initiative (NARI): Women’s Economic Empowerment Project” Baseline analysis.

2010 UKAID-funded project titled “Healthcare facility survey: Readiness of the facilities to provide micro health insurance”.

### **Peer-Reviewed Publications:**

#### ❖ **Published:**

##### ▪ **HIV/AIDS and other Sexually Transmitted Diseases Research:**

- **Haider, M. R.,** C. Kingori, H. S. Gebre. Factors associated with HIV testing among pregnant women in Kenya: Evidence from the Kenya Demographic and Health Survey 2014. *AIDS Care*. doi: 10.1080/09540121.2021.1883508. PMID: 33576689.
- **Global Burden of Disease (GBD) Collaborators** (2021). Mapping subnational HIV mortality in six Latin American countries with incomplete vital registration systems. *BMC Medicine*. <https://doi.org/10.1186/s12916-020-01876-4>
- Brown, M. J., Qian, Y., Harrison, S. E., **Haider, M. R.,** Conserve, D. F., Deming, M., Zhang, J., & Li, X (2020). Age and sex disparities in sexual trauma, depressive symptoms and antiretroviral adherence among people living with HIV in the Deep South: A mediation analysis. *Archives of Sexual Behavior*. 2020 Oct 13. doi: 10.1007/s10508-020-01811-x.
- Brown, M. J., Brown, A. D., **Haider, M. R.,** Edwards, A., Crouch, E., Li, X. (2020). Childhood sexual trauma and antiretroviral therapy adherence: A mixed-methods systematic review. *AIDS and Behavior*. <https://doi.org/10.1007/s10461-020-03009-7>
- Hamilton, A., **Haider, M. R.,** Brown, M. J., Conserve, D. F., Li, X (2020). Regional Differences of Self-Reported Past HIV-Testing Among Men in Haiti: An Analysis of the 2016-17 Demographic and Health Survey. *AIDS Care*. <https://doi.org/10.1080/09540121.2020.1801983>
- **Haider, M. R.,** M. J. Brown, S. Karim, K. A. Siddiqi, B. Olatosi, X. Li (2020). Factors associated with self-reported HIV testing in Dominican Republic. *International Journal of STD & AIDS*. <https://doi.org/10.1177/0956462420913443>
- Brown, M. J., J. S. Trask, J. Zhang, **M. R. Haider,** X. Li (2020). Sociodemographic and psychosocial correlates of resilience among older adults living with HIV in the Deep South. *Journal of Health Psychology*. <https://doi.org/10.1177/1359105319897783>
- **Haider, M. R.,** Brown, M. J., Harrison, S. E., Yang, X., Ingram, L., Bhochhibhoya, A., Hamilton, A., Olatosi, B. Li, X. (2019). Sociodemographic factors affecting viral load suppression among people living with HIV in South Carolina. *AIDS Care*. <https://doi.org/10.1080/09540121.2019.1703892>
- Olatosi, B., S. Weissman, J. Zhang, S. Chen, **M. R. Haider,** X. Li (2019). Where you live matters: Time to attain Viral Suppression among newly diagnosed adult People Living With HIV in South Carolina, 2014 -2017 (2019). *AIDS and Behavior*. <https://doi.org/10.1007/s10461-019-02734-y>
- Olatosi, B., J. Zhang, S. Weissman, J. Hu, **M. R. Haider,** X. Li (2019). Using Big Data Analytics to improve HIV medical care utilization in South Carolina: A Study Protocol. *BMJ Open*, 9.7: e027688.
- Jiang, Y., X. Li, M. J. Brown, S, Qiao, **M. R. Haider.** Effects of individual and neighborhood socioeconomic status on antiretroviral therapy adherence: The role of adherence self-efficacy (2019). *Journal of Health Psychology*. <https://doi.org/10.1177/1359105319869809>

##### ▪ **Substance Use Research:**

- **Haider, M. R.,** C. Kingori, M. J. Brown, M. Battle-Fisher, I. R. A. Chertok (2020). Illicit drug use and sexually transmitted infections among young adults in the US: Evidence from a nationally representative survey. *International Journal of STD & AIDS*. DOI: <https://doi.org/10.1177/0956462420950603>



- **Haider, M. R.**, Brown, M. J., Das Gupta, R., Karim, S., Olatosi, B., Li, X. (2020). Psychosocial correlates of opioid use disorder among the US Adult Population: Evidence from the National Survey on Drug Use and Health, 2015-2018. *Substance Use & Misuse*. <https://doi.org/10.1080/10826084.2020.1788086>
- Qureshi, Z. P., **Haider, M.R.**, Rodriguez-Monguio, R., Wooten, N. R., Nikitin, R. V., Ball, S., Barth, K., Horner, R. D., Bennett, C. L. (2017). Opioid Prescription Drug Use and Expenditures in US Outpatient Physician Offices: Evidence from Two Nationally Representative Surveys. *Cancer Therapy & Oncology International Journal*, 3(3): 555611. DOI: 10.19080/CTOIJ.2017.03.555611
- **Maternal and Child Health Research:**
  - Das Gupta, R., **Haider, M.R.**, Das, S. (2020). Factors and Inequality of Underweight and Overweight among Women of Reproductive Age in Myanmar: Evidence from the Demographic Health Survey 2015–2016. *Epidemiologia* 2020, 1, 31-43.
  - Perkins, J.E., A. E. Rahman, M. A. B. Siddique, T. Mazumder, **M. R. Haider**, S. E. Arifeen. Awareness and perceptions of women regarding human rights related to maternal health in rural Bangladesh. *Journal of Global Health* 9.1(2019). doi: 10.7189/jogh.09.010415
  - Perkins, J. E., A. E. Rahman, S. Mhajabin, M. A. B. Siddique, T. Mazumder, **M. R. Haider**, S. E. Arifeen. Humanised childbirth: The status of emotional support of women in rural Bangladesh. *Sexual and Reproductive Health Matters* 27.1 (2019): 1610277
  - Rahman, A. E., J. E. Perkins, T. Mazumder, **M. R. Haider**, M. A. B. Siddique, C. Capello, C. Santarelli, S. E. Arifeen. Capacities of women and men to improve maternal and newborn health: Effect of a community-based intervention package in rural Bangladesh. *Journal of Global Health* 9.1(2019). doi: 10.7189/jogh.09.010413
  - Perkins, J. E., A. E. Rahman, M. A. B. Siddique, **M. R. Haider**, T. Tahsina, T. Mazumder, S. E. Arifeen. Opting for home birth in rural Bangladesh: an assessment of rates and reasons. *Birth* 46.2 (2019): 362-370. DOI: <https://doi.org/10.1111/birt.12404>
  - **Haider, M. R.**, M. M. Rahman, M. Moinuddin, A. E. Rahman, S. Ahmed, M. M. Khan (2018). Ever-increasing Caesarean Section and its economic burden in Bangladesh. *PLoS ONE*. 13(12): e0208623. <https://doi.org/10.1371/journal.pone.0208623>
  - **Haider, M. R.**, M. M. Rahman, F. Islam, M. M. Khan (2018). Are Trained delivery assistants better than non-trained personnel in practicing Essential Newborn Care in home deliveries? Evidence from a Nationally Representative Survey in Bangladesh. *International Health*. DOI: <https://doi.org/10.1093/inthealth/ihx071>
  - Rahman, M. M., **M. R. Haider\***, M. Moinuddin, A. E. Rahman, S. Ahmed, M. M. Khan. Determinants of Caesarean Section in Bangladesh: Cross-sectional analysis of Bangladesh Demographic and Health Survey 2014 Data. *PLoS ONE* 13(9): e0202879. <https://doi.org/10.1371/journal.pone.0202879> \*Joint First Author
  - Siddique, M. A. B., J. Perkins, T. Mazumder, **M. R. Haider**, G. Banik, T. Tahsina, M. J. Islam, S. E. Arifeen, A. E. Rahman. Antenatal Care in Rural Bangladesh: Gaps in adequate coverage and content. *PLoS ONE*. 13(11): e0205149. <https://doi.org/10.1371/journal.pone.0205149>
  - Islam, S., J. Perkins, M. A. B. Siddique, T. Mazumder, **M. R. Haider**, M. M. Rahman, C. Capello, D. M. E. Hoque, C. Santarelli, S. E. Arifeen, A. E. Rahman (2018). Birth preparedness and complication readiness among women and couples and its association with skilled care at birth in rural Bangladesh. *PLoS ONE* 13(6): e0197693. <https://doi.org/10.1371/journal.pone.0197693>

- Kabir, R., **M. R. Haider**, M. Kordowicz (2018). A Cross-sectional study to explore the challenges faced by Myanmar women in accessing antenatal care services. *Epidemiology, Biostatistics and Public Health*. DOI: 10.2427/12933
- Ansar, A., A. E. Rahman, **M. R. Haider**, M. M. Rahman, M. Moinuddin, M. A. B. Siddique, M. A. Mamun, T. Mazumder, S. Pirani, R. G. Mathias, S. E. Arifeen, D. M. E. Hoque (2018). Global incidence of clubfoot among live births: Protocol of a systematic Review. *BMJ Open*. <http://dx.doi.org/10.1136/bmjopen-2017-019246>
- Siddiqi, K.A., T. Dana, M. K. Hasan, **M. R. Haider** (2017). Mother's health care response to child illness: A slum based cross-sectional study in Dhaka City, Bangladesh. *The Journal of Global Health*. <http://www.ghjournal.org/mothers-health-care-response-to-child-illness-a-slum-based-cross-sectional-study-in-dhaka-city-bangladesh/>
- **Haider, M. R.**, Z. P. Qureshi, M. M. Khan (2017). Effects of women's autonomy on maternal healthcare utilization in Bangladesh: Evidence from a national survey. *Sexual & Reproductive Healthcare*. DOI: <https://doi.org/10.1016/j.srhc.2017.09.002>
- **Haider, M. R.**, M. M. Rahman, M. Moinuddin, A. E. Rahman, S. Ahmed, M.M. Khan (2017). Impact of Maternal and Neonatal Health Initiatives on Inequity in Maternal Health Care Utilization in Bangladesh. *PLoS ONE* 12(7): e0181408. <https://doi.org/10.1371/journal.pone.0181408>
- **Haider, M. R.**, M.M. Rahman, F. Islam, M.M. Khan (2016). Association of Low Birthweight and indoor air pollution: Biomass fuel use in Bangladesh. *Journal of Health and Pollution*, 6(11). <https://doi.org/10.5696/2156-9614-6-11.18>
- **Non-Communicable Diseases Research:**
- **Haider, M. R.**, Das Gupta, R. (2020). Inequalities in undiagnosed hypertension among adult Nepali population: Evidence from a nationally representative survey. *International Journal of Cardiology Hypertension*, 100026. <https://doi.org/10.1016/j.ijchy.2020.100026>
- Sutradhar, I, Akter, T, Hasan, M., Das Gupta. R., Joshi. H., **Haider, M. R.**, Sarker, M. (2020). Nationally Representative Surveys Show Gradual Shifting of Overweight and Obesity towards Poor and Less Educated Women of Reproductive Age in Nepal. *Journal of Biosocial Science*. <https://doi.org/10.1017/S0021932020000152>
- Das Gupta, Rajat, S. S. Haider, I. Sutradhar, M. R. Hashan, I. H. Sajal, M. Hasan, **M. R. Haider**, M. Sarker (2020). Association of frequency of television watching with overweight and obesity among women of reproductive age in Nepal: Analysis of data from the Nepal Demographic and Health Survey 2016. *PLoS ONE*. 15(2):e0228862 <https://doi.org/10.1371/journal.pone.0228862>
- Das Gupta, Rajat, A. Talukdar, S. S. Haider, **M. R. Haider** (2019). Prevalence and Associated Factors of Hypertension Subtypes Among the Adult Population in Nepal: Evidence from Demographic and Health Survey Data. *Osong Public Health and Research Perspectives*;10(6):327-336. doi: <https://doi.org/10.24171/j.phrp.2019.10.6.02>
- Das Gupta, Rajat, S. S. Haider, I. Sutradhar, M. Hasan, H. Joshi, **M. R. Haider**, M. Sarker (2019). Gender differences in hypertension awareness, antihypertensive use, and blood pressure control in Nepalese adults: findings from a nationwide cross-sectional survey. *Journal of Biosocial Science*. doi: <https://doi.org/10.1017/S0021932019000531>
- Das Gupta, Rajat, S. S. Haider, I. Sutradhar, M. R. Hashan, I. H. Sajal, M. Hasan, **M. R. Haider**, M. Sarker (2019). Association of frequency of television watching with overweight and obesity among women of reproductive age in India: Evidence from a nationally representative study. *PLoS ONE* 14(8): e0221758 <https://doi.org/10.1371/journal.pone.0221758>
- Das Gupta, Rajat, I. H. Sajal, M. Hasan, I. Sutradhar, **M. R. Haider**, M. Sarker (2019). Frequency of television viewing and association with overweight and obesity among women of the reproductive age group in Myanmar: results from a nationwide cross-

- sectional survey. *BMJ Open* 9(3), e024680. DOI: <http://dx.doi.org/10.1136/bmjopen-2018-024680>
- Hasan, M., I. Sutradhar, T. Akter, R. Das Gupta, H. Joshi, **M. R. Haider**, M. Sarker (2018). Prevalence and determinants of hypertension among adult population in Nepal: Data from Nepal demographic and health survey 2016. *PloS ONE* 13(5): e0198028. <https://doi.org/10.1371/journal.pone.0198028>
  - Das Gupta, R., S. Gupta, A. Das, T. Biswas, **M. R. Haider**, M. Sarker (2018). Ethnic predisposition of diabetes mellitus in the patients with previous history of gestational diabetes mellitus: a review. *Expert Review of Endocrinology & Metabolism*. DOI: <https://doi.org/10.1080/17446651.2018.1471354>
  - **Haider, M. R.**, Z. P. Qureshi, R. D. Horner, D. B. Friedman, C. L. Bennett (2017). What have patients been hearing from providers since the 2012 USPSTF recommendation against routine prostate cancer screening? *Clinical Genitourinary Cancer*. DOI: <https://doi.org/10.1016/j.clgc.2017.05.002>
  - Qureshi, Z. P., Bennett, C., Hermanson, T., Horner, R., **Haider, R.**, Lee, M., Ablin, R. J. (2015). The Ethical Dilemma Surrounding Prostate Specific Antigen (PSA) Screening. *Journal of Clinical Research & Bioethics*, 6(1), 1. <https://www.omicsonline.org/open-access/the-ethical-dilemma-surrounding-prostate-specific-antigen-psa-screening-2155-9627-1000206.php?aid=99886>
  - **Neurocognitive and Aging Research:**
  - Brown, M. J., N. L. Hill, **M. R. Haider** (2020). Age Disparities in Depression and Subjective Cognitive Decline-Related Outcomes. *Aging and Mental Health*. <https://doi.org/10.1080/13607863.2020.1861214>
  - Brown, M. J., Jiang, Y., Hung, P., Haider, M. R., & Crouch, E. (2021). Disparities by gender and race/ethnicity in child maltreatment and memory performance. *Journal of interpersonal violence*, <https://doi.org/10.1177/08862605211015222>
  - **Teaching Method:**
  - Kates, F. R., M. D. Byrd, **M. R. Haider** (2015). Every Picture Tells a Story: The Power of 3 Teaching Method. *The Journal of Educators Online*.
  - **Tobacco Research:**
  - Das Gupta, R., Jahan, M., Hasan, M., Sutradhar, I., Sajal, I. H., Joshi, H., **Haider, M. R.**, Sarker M. (2020). Prevalence and Social Determinants of Tobacco Consumption among Nepalese Men Aged 15-49 Years: Data from Nepal Demographic and Health Survey 2016. *Journal of Clinical Epidemiology and Global Health*. <https://doi.org/10.1016/j.cegh.2020.01.014>
  - Kates, F. R., **M. R. Haider**, M. Laberge. Prevalence and Determinants of Waterpipe Tobacco and Polytoabacco Use Among 18-24-Year-Old Emerging Adults in the U.S. (2017). *Emerging Adulthood*, 2167696817728177. DOI: <https://doi.org/10.1177/2167696817728177>
  - Salloum, R. G, **M. R. Haider**, T. E. Barnett, Y. Guo, K. R. Getz, J. F. Thrasher, W. Maziak (2016). Waterpipe Tobacco Smoking and Susceptibility to Cigarette Smoking Among Young Adults in the United States, 2012–2013. *Preventing Chronic Disease* (2016), p. 13. DOI: <http://dx.doi.org/10.5888/pcd13.150505>
  - **Haider, M. R.**, R. G. Salloum, F. Islam, K. S. Ortiz, F. R. Kates, W. Maziak (2015). Factors Associated with Smoking Frequency among Current Waterpipe Smokers in the United States: Findings from the National College Health Assessment II. *Drug and Alcohol Dependence*. DOI: 10.1016/j.drugalcdep.2015.05.015

❖ **Accepted for Publication:**

- Brown, M. J., Joseph, C., James, T., **Haider, M.R.**, Zahnd, W., Cohen, S. Gender and Racial/Ethnic Disparities in Social Determinants of Health and Subjective Cognitive Decline: The Mediating Role of Depression. *Journal of Gerontological Nursing*.

❖ **Under Review and Revision:**

- **Haider, M. R.**, Ruhil, A., Des Jarlais, D. C., Cai, B., Hall, O. T., Hodges, R. A. Recent trends in Injectable Drug Uses and their association with lifetime Hepatitis B or C incidence among the adult US population: Evidence from National Survey on Drug Use and Health 2015-2018.
- Harriott, R. M., Haile, Z. T., Chertok, I. R. A., **Haider, M. R.** Association between Place of Birth and Timely Breastfeeding Initiation among Cambodian Women.
- Brown, M. J., Nkwonta, C., Kaur, A., James, T., **Haider, M.R.**, Weissman, S.B., Hansen, N. B., Heckman, T. G., Li, X. Intervention Program Needs for Older Adults Living with HIV Who Are Childhood Sexual Abuse Survivors.
- Demir, I., Khan, M. M., **Haider, M. R.** Determinants of Repeat Emergency Department (ED) Visits after an initial visit: A Two-Stage Count Data Analysis.
- **Haider, M. R.**, J. W. Hardin, Z. P. Qureshi, M. A. H. Salim, M. M. Khan. The Economic Burden of Tuberculosis in Bangladesh.
- **Haider, M. R.**, J. W. Hardin, Z. P. Qureshi, M. A. H. Salim, M. M. Khan. Cost Effectiveness of Shorter Regimen for Multi-Drug Resistant Tuberculosis Treatment in Bangladesh.
- Merrell, M., **M. R. Haider**, Z. P. Qureshi. Association of Financial Incentives with Patient-Centered Medical Home Adoption among Primary Care Physicians.
- Zaman, S. B., R. Das Gupta, N. Hossain, **M. R. Haider**, S. M. S. Islam, W. Laohasiriwong. Impact of Universal Healthcare Coverage for the Management of Diabetes Mellitus in Thailand.
- Zaman, S.B., Das Gupta, R., P. Pramual, R. K. Khan, C. Sujimongkol, N. Hossain, M. R. Haider, G. M. A. Kibria, S. M. S. Islam. The burden of chronic kidney disease among people with diabetes by insurance schemes: findings from a primary referral hospital in Thailand.
- Das Gupta, Rajat, M. Hasan, I. Sutradhar, A. Talukdar, I. H. Sajal, M. Hasan, H. Joshi, **M. R. Haider**, M. Sarker. Assessing the readiness of health facilities for selected non-communicable diseases' services in Nepal: findings from a nationwide cross-sectional survey.
- Perkins, J. E., T. Mazumder, S. Mhajabin, **M. R. Haider**, M. A. B. Siddique, T. Tahsina, G. Banik, M. M. Rahman, C. Capello, C. A. Santarelli, J. Islam, S. E. Arifeen, A. E. Rahman. Effects of a Health Promotion and Community Engagement Intervention Package in improving Maternal and Newborn Health in Rural Bangladesh: A Quasi-experimental Research Protocol.

❖ **Under Preparation:**

- **Haider, M. R.**, Z. P. Qureshi, J. Hardin, M. A. H. Salim, M. M. Khan. Cost Effectiveness of Drug Sensitive Tuberculosis Control programs in Bangladesh.
- **Haider, M. R.**, I. Demir, M. M. Khan. Why Church Facilities fare better than Public Facilities in PNG?
- **Haider, M. R.**, M. M. Rahman, M. Mahmud Khan. Trends in Inequity in maternal care utilization in Urban Bangladesh: Evidence from Bangladesh Urban Health Survey.

- **Haider, M. R.**, S. P. Sheikh, F. Islam, M. M. Khan. Association of patient-centered care and seeking insurance from health exchanges by the low income people: Evidence from the Health Information National Trend Survey.
  - Demir, Ibrahim, A. Diedhiou, D. Kilpatrick, **M. R. Haider**, M. M. Khan, S. Biggers, M. Hicks. The effects of the 2010 cigarette tax increase on cigarette sales in South Carolina: An estimation of tax elasticity of demand for cigarettes.
  - Khan, M. M., X. Hou, O. P. M. Saweri, **M. R. Haider**, I. Demir. Improving efficiency and effectiveness of primary health centers: Lessons from PNG.
  - Khan, M. M., X. Hou, I. Demir, **M. R. Haider**, O. P. M. Saweri. Performance and efficiency of secondary and tertiary health care facilities of Papua New Guinea: Comparison of Stochastic Frontier and other approaches of measuring efficiency scores.
  - **Haider, M. R.**, A. E. Rahman, M. M. Khan. What drives elective Caesarean Section in Bangladesh: An analysis of Bangladesh Demographic and Health Survey 2017-18 Data (In preparation)
- ❖ **Book Chapter:**
- Kingori, C., **Haider, M.R.**, Asfaw, S. A., Ghamli, S. A. (2021). Impact of Career Experiences on Health Outcomes Among Immigrants in The Midwest. In Handbook of Research on Immigrant Career Development Practices (Editor: Sagini Keengwe) <https://www.igi-global.com/chapter/impact-of-career-experiences-on-health-outcomes-among-immigrants-in-the-midwest/266161>
- ❖ **Working Paper:**
- Ahsan, S. M., Hamid, S. A., Barua, S., **Haider, M. R.**, Asif, C.A.A. (2013). 'Niramoy' Micro Health Insurance in Bangladesh: Innovations in Design, Delivery and Distribution Channels. InM Working Paper No. 17. <https://ideas.repec.org/p/imb/wpaper/17.html>
- ❖ **Reports:**
- Hou, X., M. M. Khan, J. Pulford, O. Saweri, I. Demir, **M. R. Haider**, S. Ahmed (2018). Service Delivery by Health Facilities in Papua New Guinea. The World Bank.

### Professional Presentations:

#### ❖ **Oral Presentations:**

##### **2021**

- Karim, S., **Haider M.R.**, Brown, M.J. Gender disparities in the association between adverse childhood experiences and HIV risk behaviors: The mediating role of excessive alcohol drinking. 148<sup>th</sup> APHA Annual Meeting will be held on October 23-27, 2020 at Denver CO.
- Joseph, A., Olatosi, B., **Haider, M.R.**, Adegboyega, B., Lasebikan, N., Awofeso, O., Onitilo, A. The impact of COVID-19 on cancer treatment in Nigeria: A patient's perspective. 148<sup>th</sup> APHA Annual Meeting will be held on October 23-27, 2020 at Denver CO.

##### **2020**

- **Haider M.R.**, Kingori, C., Brown, M.J. Substance use, HIV and sexually transmitted infections among young adults in the US: Evidence from a nationally representative survey. 147<sup>th</sup> APHA Annual Meeting held on October 24-28, 2020 (Virtual).

##### **2019**

- **Haider M.R.**, Karim S., Kates F.R., Olatosi B. Trends in Injectable Drug Uses and their association with Hepatitis B or C incidence in the USA: Evidence from National Survey on Drug Use and Health 2015-2017. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.

- **Haider M.R.**, Hardin J.W., Qureshi Z., Salim M.A.H., Khan M.M. Cost-Effectiveness of Community-driven Drug Sensitive Tuberculosis Control programs in Bangladesh. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- **Haider M.R.**, Brown M.J., Siddiqi K.A., Karim S., Olatosi B., Li X. Sociodemographic factors associated with self-reported HIV testing in the Dominican Republic. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- Myat K., Brown M.J., **Haider M.R.**, Khan M.M. Conflict-Related Public Health Vulnerabilities in Myanmar (Burma). 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- Siddiqi K.A., **Haider M.R.** What is the Alternative of Emergency Room? Delayed or Forgone Medical Care! 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- Olatosi B., Siddiqi K.A., Gwynn M., **Haider M.R.** Journey So Far: Assessing the Effects of United States Preventative Service Task Force and Centers for Disease Control and Prevention Recommendations on HIV Testing in the United States. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- Olatosi B., Weissman S., Zhang J., Chen S., **Haider M.R.**, Li X. Where you live matters: Time to attain Viral Suppression among newly diagnosed adult People Living With HIV in South Carolina, 2014 -2017. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- Zhang J., **Haider M.R.**, Olatosi B., Weissman S., Li X. Preliminary findings from the predictive modeling of SC PLWH's retention-in-care. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- Weissman S., Olatosi B., Zhang J., Chen S., **Haider M.R.**, Li X. Impact on time living with detectable viral load for new adult HIV diagnoses in South Carolina: Does Neighborhood Matter? 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.

## 2018

- Shuvo T. A., **Haider M.R.**, Khan M.M. Alzheimer's Attributable Costs in the United States: A Secondary Analysis of Medical Expenditure Panel Survey 2011-2015. Discover USC, April 20, 2018 at Columbia, SC.
- Rahman, M.M., **Haider M.R.**, Moinuddin M., Rahman, A.E., Ahmed S., Khan M.M. Determinants of Ever-increasing Caesarean Section in Bangladesh: Cross-sectional analysis of Bangladesh Demographic and Health Survey 2014 Data. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.
- **Haider M.R.**, Hardin J.W., Qureshi Z., Salim M.A.H., Khan M.M. Economic burden of tuberculosis in Bangladesh: Implications of diagnostic and treatment delays. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.
- Shuvo T. A., **Haider M.R.**, Khan M.M. Barriers and challenges to quality medical education in Bangladesh: A literature review. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.
- **Haider M.R.**, Olatosi B., Zhang J., Weissman S., Li X. Using Big Data Analytics to improve HIV medical care utilization in South Carolina. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.

## 2017

- **Haider M.R.**, Siddiqi K.A., Demir I., Khan M.M. Mother's Previous Birth Experience, Behavior during Pregnancy and Having Premature Birth: An Analysis of South Carolina PRAMS Survey 2004-2013. Discover USC, April 21, 2017 at Columbia, SC.
- Siddiqi, K.A., Deng S., **Haider M.R.**, Olatosi B. Unmet Medical Care Need among Americans: Does Having Usual Source of Care Matter? 144th APHA Annual Meeting held on November 4-8, 2017 at Atlanta, GA, USA.

**2015**

- Qureshi, Z. P., **Haider, M. R.**, Probst, J., Horner, R., Bennett, C. Opioid Prescription trend in the US: Evidence from the National Ambulatory Medical Care Survey (NAMCS) Data 2006-2010, 143rd APHA Annual Meeting which held on October 31-November 4, 2015 at Chicago, IL, USA.

**2014**

- **Haider, M. R.**, Qureshi, Z. P., Salloum, R., Wang, L., Heidari, K., Khan, M. M. Estimating Prostate Cancer Care Cost in the US: Findings from the Medical Expenditure Panel Survey 2008-2011, 142<sup>nd</sup> APHA Annual Meeting held on November 15-19, 2014 at New Orleans, LA, USA.

❖ **Poster Presentations:****2021**

- **Haider M.R.** Application of big data analytics to predict drug use transition to injection route in Ohio. 148<sup>th</sup> APHA Annual Meeting will be held on October 23-27, 2020 at Denver CO.
- **Haider M.R.**, Gupta, R.D. Inequalities in undiagnosed hypertension among reproductive age women in Bangladesh: Evidence from a nationally representative survey. 148<sup>th</sup> APHA Annual Meeting will be held on October 23-27, 2020 at Denver CO.
- **Haider M.R.**, Kingori, C., Brown, M.J. Prevalence and determinants of undiagnosed hypertension among people living with HIV in South Africa. 148<sup>th</sup> APHA Annual Meeting will be held on October 23-27, 2020 at Denver CO.

**2020**

- **Haider M.R.**, Kingori, C.. Levels and determinants of 90-90-90 indicators among people living with HIV in Malawi. 147<sup>th</sup> APHA Annual Meeting held on October 24-28, 2020 (Virtual).
- Zaman, S. B., Das Gupta, R., Khan, R., Pramual, P., Zaman, R., **Haider M.R.**, Hossain, N., Kibria, G., Islam, S. M. S. Prevalence and determinants of chronic kidney disease among diabetes patients under different health insurance schemes: Study in rural northeastern Thailand. 147<sup>th</sup> APHA Annual Meeting to be held on October 24-28, 2020 (Virtual).
- **Haider M.R.**, Olatosi B., Li, X. Predicting HIV-associated Neurocognitive Disorder: A Machine Learning Approach. BDHSC National Big Data Health Science Conference 2020 held on February 7-10, 2020 at Columbia, SC, USA.
- **Haider M.R.**, Kingori C. Counselling, Transmission knowledge, and stigma affects HIV testing during pregnancy among Kenyan women. Poster selected to be presented at the CUGH 2020 Conference which was supposed to be held on April 18-20, 2020 in Washington, DC.

**2019**

- **Haider M. R.**, Brown M.J., Olatosi B., Li X. Effect of HIV-related stigma on timely linkage to care among patients living with HIV in South Carolina. AAHB Annual Scientific Meeting 2019 held on March 10-13, 2019 at Greenville, SC, USA.
- Yang X., Qiao S., Li X., **Haider M.R.** Correlates between intersectional stigma and psychosocial well-being among people living with HIV in South Carolina. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- **Haider M.R.**, Brown M.J., Yang X., Hamilton A., Olatosi B., Li X. HIV-related stigma delays timely linkage-to-care among patients living with HIV in South Carolina. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- Brown M.J., Zhang J., Harrison S.E., **Haider M.R.**, Li X. Sex disparities in resilience among older adults living with HIV in South Carolina. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.

- **Haider M.R.**, Karim S., Brown M.J., Olatosi B., Li X. Determinants of opioid misuse in the USA: Evidence from National Survey on Drug Use and Health 2015-2017. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- Brown M. J., Patterson R., **Haider M. R.**, Zahnd W., Cohen S.A. Social determinants of health matter: Association with cognition and disparities by sex and race/ethnicity in the Deep South. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- **Haider M.R.**, Brown M.J., Olatosi B., Li X. Double Trouble: Rate and determinants of STD coinfection among people living with HIV in South Carolina. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.
- **Haider M.R.**, Brown M.J., Olatosi B., Li X. Exploring the reasons behind and determinants of missing follow-up visits among people living with HIV in South Carolina. 146<sup>th</sup> APHA Annual Meeting held on November 2-6, 2019 at Philadelphia, PA, USA.

## 2018

- **Haider M.R.**, Siddiqi K.A., Demir I., Khan M.M. Impact of Affordable Care Act on Medicare Disproportionate Share Hospital (DSH) Payments. 23rd ISPOR Annual International Meeting held on May 19-23, 2018 at Baltimore, MD, USA.
- Siddiqi K.A., **Haider M.R.**, Demir I., Khan M.M. Acuity Trends of Emergency Department (ED) Visits, and Factors Predicting Non-urgent and Semi-urgent ED Visits in the United States, 2006-11. 23rd ISPOR Annual International Meeting held on May 19-23, 2018 at Baltimore, MD, USA.
- **Haider M.R.**, Karim S., Khan M.M. Unraveling the relationship between parents' knowledge on Human Papillomavirus, health care provider communication and recommendation for vaccination: Evidence from a nationally representative US survey. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.
- Myat K., **Haider, M.R.**, Khan M.M., Shuvo T.A. Stunting among children in Myanmar: An Analysis of Myanmar Demographic Health Survey data. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.
- **Haider M.R.**, Rahman M.M, Moinuddin M., Rahman A.E., Ahmed S., Khan M.M. Costing and Trend Analysis of ever-increasing Caesarean Section deliveries in Bangladesh: Grave implications for Total Health Expenditure. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.
- Khan M.M., Hou X., Saweri O.P.M., **Haider M.R.**, Demir I. Improving efficiency and effectiveness of primary health centers - Lessons from PNG. 145th APHA Annual Meeting to be held on November 10-14, 2018 at San Diego, CA, USA.
- Siddiqi K.A., **Haider M.R.**, Rahman M.M., Khan M.M. Towards Reaching Breastfeeding Initiation Goal for the Newborn in South Carolina, 2004-2013: Determinants and Trend Analysis. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.
- Rahman M., Shuvo T. A., Olatosi B., **Haider M.R.**, Khan M.M. Factors associated with burden of underweight and overweight among Bangladeshi women of reproductive age. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.
- Siddiqi K. A., **Haider, M.R.**, Siddiqi S. A., Khan M.M. Income-Related Disparity in Medical Care Use among American Children: Evidence from the National Survey of Children's Health, 2011-12. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.
- Siddiqi K.A., **Haider M.R.**, Olatosi B. Two decades of HIV Screening in America with changing U.S. Preventive Services Task Force Recommendations; findings from 1997-2016 national data. 145th APHA Annual Meeting held on November 10-14, 2018 at San Diego, CA, USA.



**2017**

- Demir I., Diedhiou A., Kilpatrick D., **Haider M.R.**, Khan M. M., Biggers S., Hicks M. The effects of the 2010 cigarette tax increase on cigarette sales in South Carolina: An estimation of the tax elasticity of demand for cigarettes. 2017 National Conference on Tobacco or Health held on March 22-24, 2017 at Austin, Texas.
- **Haider M.R.**, Siddiqi K.A., Demir I., Khan M.M. Trends in socio-economic and racial disparity in birth outcomes in South Carolina: Evidence from Pregnancy Risk Assessment and Monitoring System (PRAMS) data. 10th Annual James E. Clyburn Health Disparities Lecture, April 18, 2017 at Columbia, SC.
- Merrell M., **Haider M.R.**, Qureshi Z. Association of Financial Incentives with Patient-Centered Medical Home Adoption among Primary Care Physicians. 22nd ISPOR Annual International Meeting held on May 20-24, 2017 at Boston, MA, USA.
- Siddiqi, K.A., **Haider M.R.**, Demir I., Khan M.M. Immediacy Trends of Emergency Department (ED) Visits and Factors Predicting Semi-urgent and Non-Urgent ED Visits in the United States. 22nd ISPOR Annual International Meeting held on May 20-24, 2017 at Boston, MA, USA.
- **Haider M.R.**, Siddiqi K.A., Demir I., Khan M.M. Trends of US Emergency Department Visits with Real Urgent Health Conditions, 2007-2014. 144th APHA Annual Meeting held on November 4-8, 2017 at Atlanta, GA, USA.

**2016**

- **Haider, M.R.**, Rahman, M.M., Islam, F., Khan, M. M. Factors affecting Essential Newborn Care Practices in Bangladesh: Evidence from a National Survey. Prince Mahidol Award Conference 2016 “Priority Setting for Universal Health Coverage held during January 26-31, 2016 at Bangkok, Thailand.
- **Haider, M.R.**, Rahman, M.M., Rahman, A.E., Ahmed, S., Khan, M.M. Impact of Maternal and Neonatal Health Initiatives on Access to Care: Evidence from Bangladesh. Prince Mahidol Award Conference 2016 “Priority Setting for Universal Health Coverage” held during January 26-31, 2016 at Bangkok, Thailand.
- Kates, F.R., **Haider, M.R.** Determinants and Distribution of 18-24 Year Old Current Waterpipe Tobacco Smokers in the U.S.: Findings from the National Adult Tobacco Surveys, 143rd APHA Annual Meeting held on October 31-November 4, 2016 at Denver, CO, USA.
- **Haider, M.R.**, Qureshi Z., Khan, M.M. Association of patient-centered care and seeking insurance from health exchanges by the low income people: Evidence from the Health Information National Trend Survey, 143rd APHA Annual Meeting held on October 31-November 4, 2016 at Denver, CO, USA.

**2015**

- **Haider M.R.**, Qureshi Z., Horner R., Xirasagar S., Khan M. M. Colorectal Cancer (CRC) costs in the US: findings from the Medical Expenditure Panel Survey 2008-2012, 20<sup>th</sup> Annual International Meeting held on May 16 – May 20, 2015 at Philadelphia, PA, USA.
- **Haider M.R.**, Qureshi Z., Horner R., Bennett C., Khan M. M. Shared decision making does not improve adherence to Prostate Cancer Screening: evidence from the Health Information National Trend Survey, 20<sup>th</sup> ISPOR Annual International Meeting held on May 16-20, 2015 at Philadelphia, PA, USA.
- Qureshi Z., **Haider M.R.**, Probst J., Horner R., Bennett, C. Opioid Prescription Trends in The Rural US: Evidence from The National Ambulatory Medical Care Survey (NAMCS) Data 2006-2010, 20<sup>th</sup> ISPOR Annual International Meeting held on May 16-May 20, 2015 at Philadelphia, PA, USA.
- **Haider, M.R.**, Qureshi Z., Khan M. M. Estimating the effects of women's autonomy on obstetric care utilization in Bangladesh using instrumental variable approach: Evidence

from a national survey. 143rd APHA Annual Meeting which held on October 31-November 4, 2015 at Chicago, IL, USA.

- Qureshi Z., **Haider M.R.**, Horner R., Bennett C. Factors Predicting Receipt of Prostate Specific Antigen (PSA) testing: Evidence from the National Ambulatory Medical Care Survey (NAMCS) Data. 143rd APHA Annual Meeting which held on October 31-November 4, 2015 at Chicago, IL, USA.
- **Haider, M.R.**, Qureshi Z., Horner R., Xirasagar S., Khan M. M. Colorectal Cancer (CRC) Costs in the US: Findings from the Medical Expenditure Panel Survey 2008-2012. 143rd APHA Annual Meeting which held on October 31-November 4, 2015 at Chicago, IL, USA.

#### **2014**

- **Haider M.R.**, Qureshi Z., Salloum R., Heidari K., Xirasagar S., Bennett C., Khan M.M. Cancer Care Costs Trend in the US: Findings from the Medical Expenditure Panel Survey 2008-2011, International Society on Pharmacoeconomics and Outcomes Research (ISPOR) 19th Annual International Meeting held on May 31-June 4, 2014 at Montreal, QC, Canada.
- **Haider M.R.**, Khan M.M. A Comparative Analysis of Micro Health Insurance Schemes in Bangladesh: Lessons Learned and Future Directions, 2014 Annual Research Meeting of AcademyHealth held on June 7-10, 2014 at San Diego, CA, USA.
- Haider M.R., Qureshi, Z., Salloum R., Heidari K., Xirasagar S., Bennett C., Khan M.M. Characterizing Cancer Care Cost in the US: A Trend Analysis Using Medical Expenditure Panel Survey 2008-2011, 2014 Annual Research Meeting of AcademyHealth held on June 7-10, 2014 at San Diego, CA, USA.

#### **❖ Panel Discussions:**

- Undergraduate Research Panel. Organized by University of South Carolina Libraries and the Office of the Vice President for Research at the University of South Carolina on February 2, 2017.
- Mentoring with the mosaic model: An Introduction and Interactive Implementation. Organized by Health Administration Section of American Public Health Association (APHA) at the 144th APHA Annual Meeting held on November 7, 2017 at Atlanta, GA.

#### **❖ Roundtable Session:**

- Fighting HIV with Big Data. 145th APHA Annual Meeting held on November 10 – November 14, 2018 at San Diego, CA, USA.

#### **Professional Association and Membership:**

- American Public Health Association (APHA)
- International Society on Pharmacoeconomics and Outcomes Research (ISPOR)
- Delta Omega Honorary Society in Public Health (Mu Chapter)

#### **Journal Editor:**

- PLoS ONE
- International Journal of Perceptions in Public Health (IJPPH)

#### **Journal Reviewer:**

- Drug and Alcohol Dependence
- BMC Health Services Research
- Medical Care
- Biomedical Sciences (Integrative Journal of Global Health)
- Health & Social Care in the Community
- BMJ Open

- PLoS ONE
- Maternal & Child Nutrition
- Public Health Nutrition
- African Health Sciences
- AIDS Care
- American Journal of Public Health (AJPH)
- Reproductive Health Matters
- AIDS and Behavior
- Asia Pacific Journal of Public Health (APJPH)
- Women's Health
- Archives of Public Health
- Reproductive Health
- Social Science & Medicine
- Science Progress
- Journal of Public Health
- Sahara-J
- BMC Pregnancy and Childbirth
- Archives of Medical Research

#### **Abstract Reviewer:**

- American Public Health Association (APHA) Annual Meeting 2015, 2017, 2018, 2019, 2020, 2021
- AcademyHealth Health Datapalooza and National Health Policy Conference, 2021
- Society for Research On Nicotine and Tobacco (SRNT) Annual Meeting 2017
- National HIV Prevention Conference 2019
- International Society of Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting 2020
- Consortium of Universities in Global Health (CUGH) Annual Meeting 2021

#### **Scholarship Reviewer:**

- American Public Health Association (APHA) Annual Meeting 2018
- Magellan Scholar Award, University of South Carolina 2018

#### **Grant Reviewer:**

- The Medical Research Council (MRC), UK Research and Innovation (UKRI)

#### **Leadership and Service:**

##### **❖ Ohio University (OU):**

- **Member**, Global Agreement Review Committee (GARC), University International Council (UIC), OU
- **Faculty Advisor**, Bangladeshi Student Association at OU
- **Research Trainer**, Transdisciplinary Research Training in Global Health: Enhancing Student and Faculty Research Capacity, Program Evaluation and Research Application through Global Collaborative Partnerships, Global Health Initiative, OU
- **Affiliate Faculty**, Translational Biomedical Sciences doctoral program, Ohio University Heritage College of Osteopathic Medicine, OU
- **Affiliate Faculty**, International Development Study, Center for International Studies, OU

- **Member**, Reproductive and Sexual Health Initiative, Infectious and Tropical Disease Institute, Ohio University Heritage College of Osteopathic Medicine, OU
- ❖ **Scientific Research and Policy:**
- **Member**, Global Burden of Disease (GBD) Collaborator Network, Institute for Health Metrics and Evaluation (IHME), University of Washington.
- ❖ **University of South Carolina (USC):**
- **Coordinator**, Junior Scholar Program, Center for Healthcare Quality (CHQ), Arnold School of Public Health, University of South Carolina, 2018-2019.
- **Vice President**, Post Doctoral Association at University of South Carolina, 2018-2019.
- **President**, Bangladesh Student Association at University of South Carolina, 2016-2017.
- **Member**, Dean's Student Advisory Committee (DSAC), Arnold School of Public Health, University of South Carolina, 2016-2017.
- **Student Member**, Dept. of Health Services Policy and Management (HSPM) Global Health Faculty Search Committee, 2014.
- ❖ **American Public Health Association (APHA):**
- **Chair-Elect**, HIV/AIDS Section, APHA, 2020-2021.
- **Governing Councilor**, HIV/AIDS Section, APHA, 2018-2019, 2019-2020.
- **Program Co-Chair**, HIV/AIDS Section, APHA, 2018-2019, 2019-2020, 2020-2021.
- **Student Affairs Chair**, Health Administration (HA) Section, APHA, 2016-2017.
- **Student Liaison**, Health Administration (HA) Section, APHA, 2014-2015, 2015-2016.
- ❖ **International Society of Pharmacoeconomics and Outcomes Research (ISPOR):**
- **President**, International Society of Pharmacoeconomics and Outcomes Research (ISPOR) Student Chapter at The University of South Carolina, 2017-2018.
- **Vice President**, International Society of Pharmacoeconomics and Outcomes Research (ISPOR) Student Chapter at The University of South Carolina, 2016-2017.
- **Secretary**, International Society of Pharmacoeconomics and Outcomes Research (ISPOR) Student Chapter at The University of South Carolina, 2015-2016.
- ❖ **Quiz and Science Clubs:**
- **President**, Quizzers Bangladesh, 2007-2009.
- **President**, Notre Dame Science Club at Notre Dame College, Dhaka, 2001-2002.

### **Computer Skills:**

STATA, SAS, R, SPSS, ArcGIS, TreeAge Pro, Microsoft Office (Word, Excel, PowerPoint)

### **Analytic Techniques and Skills:**

- **Statistical Analytic Techniques:** Descriptive statistics, Inferential statistics (Multivariable regression, Ordinary Least squares regression, Multilevel Analysis, Logistic regression, Poisson regression, Negative Binomial regression, Zero inflated models)
- **Longitudinal and Time-Series analysis:** Longitudinal and Panel data analysis, Time-Series analysis, Forecasting.
- **Quasi-Experimental Techniques:** Difference-in-difference, Instrumental Variable, Propensity score matching, Regression discontinuity
- **Machine Learning Techniques:** Random forest, decision tree, gradient boost, neural network, ensemble etc.

- **Economic Evaluation Research Techniques:** Markov modelling, Incremental cost-effectiveness ratio estimation
- **Geospatial Analysis:** Mapping and spatial analysis
- **Systematic review and meta-analysis**
- **Factor analytic techniques:** Exploratory and confirmatory factor analysis, Principal Component Analysis (PCA), Item-Response theory, Patient Reported Outcome (PRO) measures creation and validation.
- **Qualitative Analysis:** Coding, thematic analysis, grounded theory.