

Muntasir Masum

T32 Postdoctoral Fellow

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Professional Preparation

- 2021 PhD, Applied Demography, The University of Texas at San Antonio, US.
Dissertation title: Alcohol Consumption Behavior and Adolescent and Adult Health and Mortality Outcomes in the United States.
Dissertation committee: P. Johnelle Sparks, PhD (Chair); Corey Sparks, PhD; Ying Huang, PhD; Jeffrey Howard, PhD.
- 2012 MA, Sociology, McMaster University, Hamilton, Canada.
- 2009 MSS, Sociology, University of Dhaka, Dhaka, Bangladesh.
- 2008 BSS, (Honors), Sociology, University of Dhaka, Dhaka, Bangladesh.

Professional Experience

- Aug.2021 – Current Postdoctoral Fellow, Prevention Research Center, The Pennsylvania State University, US.
- May.2021 – Aug.2021 Research Fellow, Institute for Demographic and Socioeconomic Research, UTSA, US.
- Aug.2017 – May.2021 PhD Candidate, Department of Demography, UTSA, US.
- Jan.2020 – July.2020 Lecturer, Department of Public Administration, UTSA, US.
- Aug.2014 – Aug.2017 Lecturer, Department of Sociology, University of Dhaka, Bangladesh.

Research Interests

Alcohol Use
Social Epidemiology
Health Disparities
Social Determinants of Health
Longitudinal and Survival Data

Honors, Awards, and Research Support

- 2022 Travel Scholarship, 2022 Interdisciplinary Association for Population Health Science (IAPHS) Annual Conference, \$500.
- 2022 Travel Award, Prevention Research Center, The Pennsylvania State University, \$500.
- 2020 Poster Winner, Interdisciplinary Association for Population Health Science (IAPHS) Annual Conference (virtual), \$100.
- 2020 Outstanding Graduate Student Award, College for Health, Community and Policy, The University of Texas at San Antonio, \$500.
- 2019 Travel Award, The University of Texas at San Antonio, \$500.
- 2018 Graduate Student Professional Development Award, The University of Texas at San Antonio, \$550.
- 2018 Travel award, College of Public Policy, The University of Texas at San Antonio, \$700.
- 2018 Best Research Paper, College of Public Policy, The University of Texas at San Antonio, \$500.
- 2017 – 2021 Graduate Research Assistantship, The University of Texas at San Antonio, \$22,500 annually.

2011 – 2012 Graduate Teaching Assistantship, McMaster University, \$20,244 annually.

Fellowships

- 2021-2023 T32 Postdoctoral Fellowship, Prevention and Methodology Training Program (PAMT), The Pennsylvania State University, National Institute on Drug Abuse (NIDA), 53,450 annually.
- 2017-2021 The Graduate Presidential Distinguished Research Fellowship, The University of Texas at San Antonio, \$10,000 annually.

Teaching

Courses Taught

- 2020 (Spring) Course Instructor, *Quantitative Analysis for Public Administration And Policy*, The University of Texas at San Antonio, US.
- 2016 (Fall) Course Instructor, *Urban Sociology*, University of Dhaka, Bangladesh.
- 2016 (Fall) Course Instructor, *Sociology of Environment*, University of Dhaka, Bangladesh.
- 2014 (Spring) Course Instructor, *Introduction to Sociology*, North South University, Dhaka, Bangladesh.
- 2012 (Winter) Teaching Assistant, *Introduction to Sociology*, McMaster University, Hamilton, ON, Canada.
- 2011 (Fall) Teaching Assistant, *Introduction to Sociology*, McMaster University, Hamilton, ON, Canada.

Teaching Interests

Population Health
Health Disparities
Alcohol and Substance Use
Mortality
Quantitative Methods

Research

Peer-Reviewed Publications

Masum, M., & Sparks, J. (2022). Labor force status as a buffer against mortality risks associated with alcohol consumption: A study of adult US women, 2001 – 2015. *Preventive Medicine*. 161: 107139, doi: [10.1016/j.ypmed.2022.107139](https://doi.org/10.1016/j.ypmed.2022.107139).

Masum, M., Howard, J.T., & Grigsby, T.J. (2022). Combined alcohol use and weight status effects on mortality risk among adults: Analysis of the National Health Interview Survey linked mortality files, 2001-2015, *Drug and Alcohol Dependence*, 230:109206, doi: [10.1016/j.drugalcdep.2021.109206](https://doi.org/10.1016/j.drugalcdep.2021.109206).

Tim Riffe, Enrique Acosta, **Masum, M.**, & the COVERAGE-DB team (2021). Data resource profile: coverage-DB: A global demographic database of COVID-19 cases and deaths. *International Journal of Epidemiology*, 50:2, April 2021, Pages 390–390f, doi: [10.1093/ije/dyab027](https://doi.org/10.1093/ije/dyab027).

Huang, Y., Liu, H., & **Masum, M.** (2020). Adverse childhood experiences and physical and mental health of adults: Assessing the mediating role of cumulative life-course poverty. *American Journal of Health Promotion*. 35(5):637-647. doi: [10.1177/0890117120982407](https://doi.org/10.1177/0890117120982407).

Masum, M. (2015). The process of capital accumulation through real-estate development: The case of Dhaka city. *Social Science Review* 32(2):195-210.

Masum, M. (2010). Globalization and commercialization of culture: analyzing the consumer attitude and response of the youth of Dhaka city. *The Global Studies Journal* 3(3):71-81.

Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/muntasir.masum.1/bibliography/public/>

Manuscripts in progress (available upon request)

Masum, M., Staff, J., & Maggs, J. Binge drinking in your 30s and early 40s: implications for self-reported health.

Masum, M., & Santos, A. Self-perceived neighborhood cohesion and alcohol consumption behavior in the United States, 2013-2018.

Masum, M., Mamani, D., & Howard, J. Association between frequent alcohol consumption, binge drinking and hypertension in US Adults.

Masum, M., & Sparks, J. The 1984 Minimum Legal Drinking Age Act and Drinking Patterns in the United States, 1997 – 2018.

Ongoing Papers

Masum, M. Racial/ethnic disparities in early midlife cardiovascular disease mortality risks among lifetime abstainers: an age-period-cohort analysis of National Health Interview Survey, 1997 – 2018.

Masum, M. Who are the lifetime abstainers in the United States? An age-period-cohort analysis of National Health Interview Survey, 1997 – 2018.

Masum, M., Staff, J., & Maggs, J. Childhood alcohol use as a robust predictor of binge and high-intensity drinking in late adolescence in the Millennium Cohort Study.

Santos, A., & **Masum, M.** Self-perceived neighborhood cohesion and self-rated health in the United States, 2013-2018.

Presentations

Invited Talks

2022

Masum, M., Staff, J., Maggs, J. (April). Childhood alcohol use as a robust predictor of binge and high-intensity drinking in late adolescence in the Millennium Cohort Study. Paper presented at the *Prevention Research Center Seminar*, Penn State, University Park, PA.

Masum, M., & Sparks, J. (February). Labor force status as a buffer against mortality risks associated with alcohol consumption: A study of adult US women, 2001 – 2015. Paper presented at the *PRI Pop-Health Working Group*, Penn State, University Park, PA.

2021

Masum, M., Howard, J.T., Grigsby, T.J. (November). Combined alcohol use and weight status effects on mortality risk among adults: Analysis of the National Health Interview Survey linked mortality files, 2001-2015. Paper presented at *PRI Postdocs & Graduate Students Flash Talks*, Penn State, University Park, PA.

Conference Presentations**2023**

Masum, M. (April). Racial/ethnic disparities in early midlife cardiovascular disease mortality risks among lifetime abstainers: an age-period-cohort analysis of data from National Health Interview Survey, 1997 – 2018. *Population Association of America (PAA)*, New Orleans, LA.

2022

Masum, M., Staff, J., & Maggs, J. (October). Binge drinking and poor health in early midlife: Findings from the national and longitudinal Add Health data. Paper presented at the *Southern Demographic Association (SDA)*, Knoxville, TN.

Masum, M., Staff, J., & Maggs, J. (September). An apparent 'J-shaped' curve remains in the association between alcohol intake and health: Findings from the national and longitudinal Add Health data. Poster presented at the *Interdisciplinary Association for Population Health Science (IAPHS)*, Minneapolis, MN.

Masum, M., Staff, J., & Maggs, J. (June). Childhood alcohol use as a robust predictor of binge and high-intensity drinking in late adolescence in the Millennium Cohort Study. Paper presented at the *Society for Prevention Research (SPR)*, Seattle, WA.

Masum, M., & Sparks, J. (April). 1984 National Minimum Legal Drinking Age (MLDA) Act, alcohol consumption, and mortality risk in the United States, 2001 – 2015. Poster presented at the *Population Association of America (PAA)*, Atlanta, GA.

Masum, M., & Santos, A. (February). Neighborhood cohesion and length of stay associated with drinking behavior among adults aged 25 to 65 in the United States, 2013-2018. Paper presented at the *Applied Demography Conference (ADC)*, Virtual.

2021

Masum, M., & Howard, J.T. (May). Effect of alcohol drinking on all-cause and cause-specific mortality among US adults, 2001 to 2015. Poster presented at the *Population Association of America (PAA)*, Virtual.

2020

Masum, M. (September). Effect of alcohol drinking on all-cause and cause-specific mortality among US adults, 2001 to 2015. Presented at the *Interdisciplinary Association for Population Health Science (IAPHS)*, Virtual.

2019

Masum, M. (October). Adverse childhood experiences, and self-rated health status in young adulthood: Mediating effects of alcohol consumption. Paper presented at Southern Demographic Association (SDA), New Orleans, LA.

Masum, M. (October). Socio-demographic determinants of parity at sterilization in Bangladesh (2007-2014). Paper presented at Southern Demographic Association (SDA), New Orleans, LA.

Masum, M., & Sparks, J. (April). Alcohol consumption and mortality risk in the United States. Presented at Population Association of America (PAA), Austin, TX.

2018

Masum, M. (October). Alcohol consumption and mortality risk in the United States. Paper presented at Southern Demographic Association (SDA), Raleigh, NC.

Workshop Participation

- 2022 Leveraging Academic-Community Partnerships to Advance the Measurement of Structural Racism in Health Equity Research, *IAPHS*, Minneapolis, MN, September.
- 2022 Exploring and Analyzing Monitoring the Future Data - A Primer, *ICPSR Summer Program*, UMICH, Ann Arbor, June.
- 2022 Summer Institute in Survey Research Techniques - Health and Retirement Study Workshop, *UMICH*, Virtual, June.
- 2022 29th Annual PRI Methodology Workshop, High Frequency Measurement Data, *Penn State*, State College, May.
- 2022 Grant Writing Bootcamp, *PAMT*, State College, PA, Jan – May.
- 2022 Latent Class Analysis, *Statistical Horizons*, February.
- 2021 Workshop in Formal Demography, University of California, Berkeley, CA, May.
- 2020 Data visualization – the art/skill cocktail – online course, *Max Planck Institute for Demographic Research (MPIDR)*, Virtual, July.
- 2019 Add Health: Design, Data, Access and Effective Use, *Population Association of America*, Austin, TX, April.
- 2018 IPUMS Workshop, *Southern Demographic Association*, Raleigh, NC, October.
- 2018 Life table and decomposition analysis for population health research (using R), *Max Planck Institute for Demographic Research (MPIDR)*, Rostock, Germany, June.

Professional Service

Ad-Hoc Reviewer for Scientific Journals
American Journal of Preventive Medicine
Alcoholism: Clinical and Experimental Research
Drug and Alcohol Dependence
Preventive Medicine

Current Membership in and Service to Professional Organizations

Society for Epidemiologic Research (SER)
 2023 – Current Member

Research-to-Policy Collaboration Rapid Response Network
 2022 – Current Member

Society for Prevention Research (SPR)
 2022 – Current Member

Interdisciplinary Association for Population Health Science (IAPHS)
 2023 Program Committee Member, Annual Meeting 2023
 2019 – Current Member
 2020 – Current Conference abstract reviewer
 2019 – 2021 Membership and Student Committee

Southern Demographic Association (SDA)
 2018 – Current Member

Population Association of America (PAA)
 2022 Co-Chair, Applied Demography Conference 2023
 2018 – Current Member

American Sociological Association (ASA)
 2012 – 2021 Member

References

Jennifer L. Maggs, PhD (Postdoc mentor)

Professor of Human Development & Family Studies
Edna P. Bennett Faculty Fellow in Prevention Research
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Jeremy Staff, PhD (Postdoc mentor)

Professor of Sociology, Criminology, and Demography
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P. Johnelle Sparks, PhD (Dissertation chair)

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