

## Curriculum Vitae

### SHAMINUL SHAKIB, MPH, PHD CANDIDATE

**Address** Louisville, KY  
**Phone** 502-705-8422  
**Email** [shshak01@louisville.edu](mailto:shshak01@louisville.edu)

#### CAREER BIO

Shaminul Shakib's research uses statistically driven models to generate evidence that helps address gaps in public health policies. His research interests include health policy evaluation, healthcare costs, infectious disease, diabetes, WASH (water, sanitation, and hygiene), indigenous populations, and health equity. He has helped teach courses on data management, data mining, statistical analysis for population health, biomedical foundations for health analytics, data security and health records, and epidemiology. He has experience working with both international and national non-profits in Bangladesh. He is currently a Ph.D. candidate at the School of Public Health and Information Sciences, University of Louisville. He intends to pursue a career in academia to continue his research and teaching upon graduation.

#### EDUCATION

Central Michigan University, Mount Pleasant, MI  
2012 – 2015 Bachelor of Science, Economics & Finance  
2017 – 2019 Master of Public Health, Public Health Practice

University of Louisville, Louisville, KY  
2020 – 2024 PhD in Public Health Sciences, Health Management and Policy

#### PROFESSIONAL EXPERIENCE

Office of International Affairs, Central Michigan University, Mount Pleasant, MI  
2015 – 2016, 2017 – 2018 Student Assistant

Economics Department, Central Michigan University, Mount Pleasant, MI  
2015 – 2016, 2017 – 2019 Student Assistant

Quicken Loans, Detroit, MI  
2016 – 2017 Business Analyst Intern, Capital Markets Technology

Voluntary Association for Rural Development (VARD), Dhaka, Bangladesh  
2016 – 2017 Consultant, National Childhood Blindness Project

Facilities Operation, Central Michigan University, Mount Pleasant, MI  
2019 – 2019 Health and Safety Intern

Practical Action Consulting, Dhaka, Bangladesh  
2019 – 2019 Assistant Project Officer

WaterAid, Dhaka, Bangladesh  
2020 – 2020 Programme Officer, Country Director's Office

## PROFESSIONAL TRAINING

The Spitalfields Practice, London, U.K.  
2016 – 2017 Role of Health Workers in Social Prescribing

Lions Aravind Institute of Community Ophthalmology, Madurai, India  
2016 – 2017 Eye Hospital Administration

## RESEARCH EXPERIENCE

Central Michigan University, Mount Pleasant, MI  
2017 – 2018 Research Assistant, School of Health Sciences  
Long term physical and mental health effects of St. Louis residents, MI from 1980's Polybrominated biphenol (PBBs) outbreak: Mixed method study

University of Louisville, Louisville, KY  
2020 – 2021 Research Assistant, School of Public Health and Information Sciences  
Social Determinants of Type 2 Diabetes, Funder: Medicaid State-University Partnership  
2021 – 2022 Research Assistant, School of Public Health and Information Sciences  
COVID-19 Vaccine Inequality Project, Implementation partner: Louisville Metro Department of Public Health (LMPHW), Funder: Centers for Disease Control and Prevention (CDC)

## TEACHING EXPERIENCE

University of Louisville, Louisville, KY

Teaching/Grading

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	Teaching/Grading				
<b><i>Ph.D.</i></b>					
Statistical Data Management (SAS, Stata)	Spring 2021	Fall 2021	Spring 2022	Fall 2022	Spring 2023
Statistical Analysis for Population Health (SPSS)				Fall 2022	Spring 2023
<b><i>Master of Science in Health Data Analytics (MSHDA)</i></b>					
Data Security and Health Records			Spring 2022	Fall 2022	Spring 2023
Data Mining I (SPSS)				Fall 2022	
Data Mining II (R)				Fall 2022	
Biomedical Foundations for Health Analytics				Fall 2022	Spring 2023
MSHDA Capstone Course				Fall 2022	

Central Michigan University, Mount Pleasant, MI

***Master of Public Health (MPH)***

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Epidemiology for Public Health

Spring 2019

**ANALYTICAL SKILLS**

R, Stata, SAS, SPSS, ArcGis Pro, Knime

**DATASET EXPERIENCE**

Kentucky Medicaid Claims Data, National Health and Nutrition Examination Survey (NHANES), Behavioral Risk Factor Surveillance System (BRFSS), National Health Interview Survey (NHIS), Medical Expenditure Panel Survey (MEPS), Area Health Resources Files (AHRF), American Community Survey (ACS), United States Census Data

**GRANT**

Student Research Grant, College of Graduate Studies, Central Michigan University  
Long term physical and mental health effects of St. Louis residents, MI from 1980's Polybrominated biphenol (PBBs) outbreak: Mixed method study, Amount: \$800

**SERVICE ACTIVITIES**

Herrig Hall, Central Michigan University, Mount Pleasant, MI  
2012 –2013 Residence Hall Assembly Representative

International Student Advisory Board, Central Michigan University, Mount Pleasant, MI  
2013 –2015 Executive Board Member

International Student Organization, Central Michigan University, Mount Pleasant, MI  
2012 –2013 Event Coordinator  
2013 –2014 President

Graduate Student Council, University of Louisville, Louisville, KY  
2021 –2022 PhD Representative

**CONFERENCE**

American Model United Nations (AMUN) conference in Chicago, Delegation - San Marino, November 2013

Association of International Students' Organization (AISO) conference at Grand Valley State University, March 2014

National Youth Assembly 2020, Jaago Foundation at Cox's Bazar as program coordinator for WaterAid, Bangladesh

## **PUBLICATION**

Shakib SH, Inungu J, Jahanfar S (2019) Factors associated with Breast Cancer Screening among Women in the United States. *J Pub Health Issue Pract* 3: 144.

doi: <https://doi.org/10.33790/jphip1100144>

Menstrual Health and Hygiene: Challenges associated with the COVID-19 pandemic in Bangladesh, Published: 5th August 2020, ISBN: 978-984-34-8304-1, Publisher: reliefweb

Karimi SM, Salunkhe SS, White K, Alzahrani SA, Little BB, Chen YT, McKinney WP, DuPre NC, Mitra R, Popescu MM, Adkins ER, Barclay JA, Ezekekwa E, He CX, Hurst DM, Kothagadi AR, Shakib SH, Swinney DN, Johnson DA, Hollenbach R, Moyer S. "Facial Mask Use and COVID-19 Protection Measures in Jefferson County, Kentucky: Results from an Observational Survey, November 5–11, 2020." *UL Journal of Respiratory Infections*. 2021;5(1): 7. DOI: 10.18297/jri/vol5/iss1/7

Akter, N., Banu, B., Hossain, S. M., Shakib, S. H., & Awal, A. S. N. (2021). Compliance on existing WASH facilities in community clinics of Bangladesh: A comparative study. *Heliyon*, 7(7), e07549. <https://doi.org/10.1016/j.heliyon.2021.e07549>

## **MANUSCRIPTS UNDER REVIEW**

Little, B., Shakib, S., Reyes, M., Karimi, S., Vu, G., Dupré, N., McKinney, W., Mitra, R., "COVID-19 Infection and Mortality among Non-Pregnant Indigenous Adults in Mexico 2020-2022: Impact of Marginalization", *Journal of Global Health*

## **MANUSCRIPTS IN PROGRESS**

Vu, G., Shakib, S., King, C., Gurupur, V., Little, B., Association of Uncontrolled Diabetes with Periodontal Disease in US Adults

Little, B., Escobedo, J., Reyes, M., Shakib, S., O'Brien, L., Kerber, R., Velasco, X., Lopez, M., Tillquist, C., Environment Driven Changes in Type 2 Diabetes, Overweight and Obesity in an Isolated Mixe Community in the Valley of Oaxaca, Southern Mexico