

**Azaher A. Molla, MD, MPH, MSC, PhD.**

Associate Professor, Public and Community Health  
School of Nursing and Health  
Professions  
Murray State University

Department of Public and Community Health  
101 South Applied Sciences Building  
Murray, KY 42071

Office: 270-809-4698  
Fax: 270-809-3815  
Email: amolla@murraystate.edu

---

## **EDUCATION**

- Oregon State University, Corvallis, OR
  - **Ph.D. in Public Health** Specialization in Health Policy, March. 2017.
  - **Dissertation:** Household Healthcare Expenditure in Bangladesh: Analyses of Progressivity and Impacts on Poverty.
- University of Dhaka, Bangladesh
  - **M.Sc. in Health Economics**, January, 2001.
- Tulane University, Louisiana, USA
  - **Certificate Course in Epidemiology**, May 2000
- Mahidol University, Thailand
  - **M.P.H.M. (Master of Primary Healthcare Management)**, July, 1988.
- Zaporozhye State Medical University, Ukraine
  - **MD (Doctor of Medicine)**, June, 1981.

## **PROFESSIONAL EXPERIENCE**

- |                  |   |
|------------------|---|
| 8/2021 — present | <b>Associate Professor of Public and Community Health,</b><br>Department of Public and Community Health, Murray State<br>University, Murray, KY.                    |
| 8/2017 — 5/2021  | <b>Assistant Professor of Public and Community Health,</b><br>Department of Public and Community Health, Murray State<br>University, Murray, KY.                    |
| 6/2019 — 5/2020  | <b>Public and Community Health Program Director and<br/>Assistant Professor,</b> Department of Public and Community<br>Health, Murray State University, Murray, KY. |

- 10/2016 — 7/2017    **Research Analyst**, Oregon State University, Corvallis, OR.
- 8/2016 — 9/2016    **Associate Research Scientist**, Forensic Research and Analysis, Portland OR.
- 6/2013 — 7/2016    **Graduate Teaching Assistant and Graduate Research Assistant**, Oregon State University, Corvallis, OR.
- 1/2010 — 8/2012    **Associate Professor (Tenured)**, Institute of Health Economics, University of Dhaka, Bangladesh.
- 7/2007 — 12/2009    **Health Economist and Poverty Analysis Specialist**, Bangladesh Health & Nutrition Sector Program, funded by the World Bank, Dhaka, Bangladesh.
- 1/2003 — 6/2007    **Assistant Professor (Tenured)**, Institute of Health Economics, University of Dhaka, Bangladesh.

## **PUBLICATIONS**

### **Peer-Reviewed Journal Publications**

- Howlader, S. R., **Molla, A.A.** (2023). Measuring total effects of disease: a microeconomic theoretic model. Submitted to the **Research Reports Journal** dated 9/27/2023.
- **Molla, A. A.**, Terry, M. S., & Maghrabi, P. (2022). The impact of health insurance on preventive care utilization: An evidence from the Graves County in Kentucky. **Eastern Journal of Healthcare**, 2(1), 65-68.
- **Molla, A. A.** (2021). An Overview of Bangladesh Health Systems Financing. **Eastern Journal of Healthcare**, 1(1), 37-38.
- Hoque, M. E., **Molla, A. A.**, Hoque, D. M., Long, K. Z., & Mamun, A. A., 2020 Health care cost of overweight-related diseases in Bangladesh. **Public Health Nutrition**, 1-7.
- **Molla, A.A** and Chi C., 2020. How much household healthcare expenditure contributes to poverty? Evidence from the Bangladesh Household Income and Expenditure Survey 2010. **Journal of Poverty**, DOI 10.1080/10875549.2020.1742269
- **Molla, A.A.** and Chi, C., 2018. How household healthcare expenditures redistribute disposable income? An Analysis using Bangladesh Household Income and

Expenditure Survey, 2010. **Financial Statistical Journal**, Vol. 1. No. 4. (Pre-published).

- **Molla, A.A.** and Chi, C., 2017. Who pays for healthcare in Bangladesh? An analysis of progressivity in health systems financing. **International Journal for Equity in Health**, 16(1), p.167.
- **Molla, A.A.**, Chi, C. and Mondaca, A.L.N., 2017. Predictors of high out-of-pocket healthcare expenditure: an analysis using Bangladesh household income and expenditure survey, 2010. **BMC health services research**, 17(1), p.94.

## **RESEARCH**

- **On-going:**
  - Measuring total effects of disease: A microeconomic theoretic model. (In this research we strive to develop a measuring tool combining health and income effects of disease).
- **Research conducted as a principal investigator:**
  - **2017.** Who Pays for Healthcare in Bangladesh? An Analysis of Progressivity in Health Systems Financing.
  - **2016.** Predictors of High Out-of-pocket Healthcare Expenditure: An Analysis Using Bangladesh Household Income and Expenditure Survey, 2010.
- **Research conducted as a co-investigator:**
  - **2022.** Determinants of COVID-19 vaccine hesitancy: A comparison between Murray State University and Calloway County population.

## **GRANTS**

- **2019-2020.** Health-related Quality of Life of the Murray State University Faculties and Staffs, funded by the **CISR grant 2019-2020, Grant amount, \$ 2,450**

## **SPECIAL RECOGNITIONS/AWARDS/FELLOSHIPS/CERTIFICATION/**

- The **Murray State's Libraries host my 2018 work**, "How household healthcare expenditure redistribute disposable income?" in the Digital Commons open access institutional repository. [Murray State's Digital Commons open access institutional repository.](#)
- **2018. Lana Porter Open Access Initiatives Award.** Murray State University, Kentucky, USA.

- **2013. Warren and Frederica Schad Fellowship.** Oregon State University, Oregon, USA.
- **2000. World Health Organization Fellowships** to study Tropical Epidemiology in Tulane University, Louisiana, USA.
- **1987. The Japan International Cooperation Agency (JICA) and the Department of Technical Economic Cooperation (DTEC) of Thailand** fellowship to study Master of Primary Health Care management in Mahidol University, Thailand.

## **PRESENTATIONS**

- **2023. Molla, A. A.** The 7<sup>th</sup> Biennial **D.C. Health Communication Conference 2023** held in Herndon, Virginia, April 28—29, 2023. Motivating Vaccination through Heightened Risk Perception, Perceived Safety, and Perceived Efficacy. Poster Presentation.
- **2022. Molla, A. A.** Kentucky Public Health Association (**KPHA**) annual conference **2022** held in Bowling Green, April 20-22, 2022. Oral Presentation title: Who Pays for healthcare in Bangladesh? An analysis of progressivity in health system financing.
- **2021. Molla A. A.** Who pays for healthcare in Bangladesh? An analysis of progressivity in health systems financing. Presented at **Center for Global Health Seminar** organized by Center for Global Health, Oregon State University. December 1, **2021**.
- **2019. Molla, A., Terry, M.** Health-related quality of life among the Murray State University faculties and staffs. American Public Health Association (**APHA**) **Conference, 2019** November 2-6; Philadelphia, PA.
- **2019. Molla, A., Chi, C.** How much household health expenditure contributes to poverty? Evidence from the Bangladesh Household Income and Expenditure Survey, 2010. American Public Health Association (**APHA**) **Conference, 2019** November 2-6; Philadelphia, PA.
- **2019. Terry, M.S. Maghrabi, P., & Molla, A.** Adult Vaccination Education: A Case Study of Graves County, Kentucky Public Health Association (**KPHA**) **annual conference, 2019** April 10-12, Covington, KY.
- **2018. Molla, A., Terry, M.S., & Maghrabi, P.** The Impact of Health Insurance on Preventive Health Care Utilization: Evidence from Graves County, Kentucky. Paper presentation at Kentucky Association for Health, Physical Education, Recreation, and Dance (**KAHPERD**) **Conference; 2018** November 11-13; Lexington, KY.

- **2018.** Terry, M.S. & **Molla, A.** Addressing Medicare Patients' Hospital Readmission Rates in Kentucky: Role of the Health Educator in Care Coordination. Poster presentation at **Kentucky Public Health Association; 2018** April 25-27; Covington, KY.
- **2017. Molla, A.,** Chi, C. Financial catastrophe due to healthcare payments: An analysis using Bangladesh Household Income and Expenditure Survey, 2010. **American Public Health Association (APHA) Conference, 2017 November, 4-8,** Atlanta, GA.
- **2017. Molla, A.,** Chi, C. Who pays for healthcare in Bangladesh? An analysis of progressivity in health systems financing. **International Health Economics (iHEA) Biennial Congress 2017.** July 8-11, Boston, Massachusetts.
- **2016. Molla, A.,** Chi, C. Predictors of high out-of-pocket healthcare expenditure: an analysis using Bangladesh Household Income and Expenditure Survey, 2010. **Global Health Conference organized by Association of Pacific Rim Universities (APRU) 2016.** Sept. 27-Oct. 2, University of New South Wales, Sydney, Australia,
- **2015. Molla, A.,** Chi, C., & Yoon, J. Determinants of Household Healthcare Expenditure in Bangladesh. Poster presented at the Oregon Public Health Association **(OPHA) Annual Conference 2015,** Corvallis, Oregon.
- **2014. Molla, A.,** Chi, C., & Yoon, J. Determinants of Household Healthcare Expenditure in Bangladesh. Poster presented at the **Global Health Conference organized by Association of Pacific Rim Universities (APRU) 2014.** September 23-27, Taipei, Taiwan.
- **2007. Molla, A.,** Rahman, A., A feasibility study on Demand Side Financing in Rural Bangladesh. **International Health Economics Association (iHEA) Congress 2007,** July 8-11, Copenhagen, Denmark.
- **2007. Molla, A.,** & Howlader, S. Introducing Demand Side financing in the Rural Areas of Bangladesh. **Global Forum for Health Research (Forum 11) 2007,** October 28-November 2, Beijing, China
- **2005. Molla, A.,** & Howlader, S. Demand Side Financing in Rural Bangladesh. **Global Forum for Health Research (Forum 9) 2005.** September 11-16, Mumbai, India.
- **2005. Molla, A.,** & Howlader. Epidemiological Transition and Its Implications for Financing of Health Care: A Case Study in Bangladesh. **5th International Health Economics Association (5th iHEA) Conference 2005. July 9-13,** Barcelona, Spain,

## **DISSERTATION AND THESIS COMMITTEE MEMBER**

- **Shammi, SH (November, 2017).** Social Media and Economic Empowerment of Women Entrepreneurs in Bangladesh. Master's Degree Research Project, Department of Journalism & Mass Communications, **Murray State University.**
- **Zachary Clark (May 2020).** **Perceptions and Purchasing Determinants of Organic** Foods between the X and Y Generations. Master's thesis (Master of Nutrition), Department of Applied Health Sciences. **Murray State University.**
- **Hannah Hillenbrand (May 2020).** Effectiveness of Utilizing Colored Plates during Meals in Dementia Units. Master's thesis (Master of Nutrition). Department of Applied Health Sciences. **Murray State University.**
- **Sarah Workman (June 2020).** Understanding the Impact of Food Insecurity in Children with Cystic Fibrosis. Master's thesis (Master of Nutrition). Department of Applied Health Sciences. **Murray State University.**

## **SERVICE**

### **University Service (Murray State University)**

#### **Advising**

- **Advising** undergraduate students since 2018-2019 academic year.

#### **Present Committee Member:**

- **SONHP Committee**
  - Tenure Committee
  - Curriculum Committee
- **University Committee**
  - Academic Council Committee
  - CISR Committee
  - Academic Support System Committee
  - Road Scholar Committee (Union County)
- **Previous Committee Member**
  - Graduate Studies Committee up to May 2023
  - Member, Occupational Therapy Field Worker Coordinator **Search Committee**, Spring 2018

- Member, Occupational Therapy Faculty **Search Committee**, Spring, 2018
- Member, Occupational Therapy Field Worker Coordinator **Search Committee**, Spring, 2019
- Member, Nutrition **Faculty Search Committee**, spring, 2019.
- Member, **SONHP Curriculum Committee**, School of Nursing and Health Professions, since fall 2018.
- Member, **MSU Research Policy Committee** since 2019.
- Member, **Lana Porter Open Access Award Committee** since 2019

**Committee Chair:**

- Outstanding Student Award Committee, Department of Applied Health Sciences.

**Other Involvements:**

- Helped with the relocation of students at Harts College on 8/14/2019 in the beginning of the fall 2019 semester.
- Committee member, **Road Scholar** Team for Union County.
- Attended Purchase Area Health EDU Center at Curris Center Ballroom

**University Service (University of Dhaka)**

- During my 12 years at the University of Dhaka, I have **advised and mentored** 250 undergrad students, supervised 10 masters' and thesis committee members of 3 doctoral students.
- **Program director** of Public Health Track
- **Research Coordinator** of Public Health track

**Service to other universities**

- **Research Project Reviewer: Institute of Health Economics, University of Dhaka**, Bangladesh
- **Research Project Reviewer: School of Public Health, University of Sharjah**, United Arab Emirates

**Journal Editorial Board Member:**

- Financial Statistical Journal: <https://systems.enpress-publisher.com/index.php/FSJ/about/editorialBoard>

## **Professional Service (American Public Health Association)**

- Abstract reviewer of APHA 2018 annual conference
- Abstract reviewer of APHA 2019 Annual Conference
- Abstract reviewer of APHA 2023 Annual Conference
- Volunteered an oral session as a moderator titling, Addressing health equity through programs, initiatives and policies that create healthier communities, November 4, 2019, 8:30-10:00 a.m.

## **Peer Review Service**

### **Journal reviewer**

- **Reviewer: Journal PLOS ONE since 2019**  
web: <https://journals.plos.org/plosone/s/staff-editors>  
Editor-in-Chief: Joerg Heber, Email: [jheber@plos.org](mailto:jheber@plos.org)
- Reviewer: International Health since 2019  
Web: <https://www.editorialmanager.com/inhealth/>  
Managing Editor: Clodagh McGuire
- Reviewer: Journal of Evaluation in Clinical Practice since 2019:  
Web: <https://onlinelibrary.wiley.com/journal/13652753>
- Edited by: Dr. Mathew Mercuri

## **Community membership and service**

- Member, The Calloway County Alliance for Substance Abuse Prevention (CC-ASAP), since spring 2018.

## **TEACHING**

### **• Positions hold/held:**

- **Associate Professor**, Murray State University, August 2021 to date
- **Assistant Professor**, Murray State University, Aug. 2017 to May 2021.
- **Teaching Assistant**, Public Health, Oregon State University, Sept. 2013 to May 2016.
- **Associate & Assistant Professor**: Institute of Health Economics, University of Dhaka, Jan. 2003 to Aug. 2012.



- **Courses taught:**

- **Murray State University:** Epidemiology, Biostatistics, Public and Community Health, Health Policy, Healthcare Strategic Planning, Healthcare Financial Management, Healthcare Quality Management, Personal Health, Health Behavior, Nutrition Research Literature Review, Research Design/Statistics, Research Project in Nutrition I and Research Project in Nutrition II, Healthcare Administration and Management.
- **Oregon State University:** Health Policy, Global Health, The US healthcare Systems.
- **University of Dhaka:** Health Policy and Planning, Cost-Effective Analysis, Program Planning and Evaluation, Primary Healthcare Management, Health Economics, Health Policy Research Methods, Biostatistics, Epidemiology, Cost-Effectiveness Analysis of Healthcare Programs.

## **PROFESSIONAL MEMBERSHIP/SERVICES**

- **Membership**
  - Member, International Health Economics Association (**iHEA**) since 2005.
  - Member, American Public Health Association (**APHA**) since 2017.
  - Member, Kentucky Public Health Association (**KPHA**) since 2017.
- **Research Project Reviewer:**
  - Institute of Health Economics, University of Dhaka, Bangladesh
  - Department of Public Health, University of Sharjah, UAE

## **CITATION & IMPACT FACTORS**

- **Total citations:** 216; **Since 2018:** 181  
(High Index 5; i10 Index 5)
- **Total Impact Factors:** 8.05
- **Total RG Score:** 15.91
- **Total Reads:** 4,586
- **Research Interest Score:** 148.8

## **LINKS:**

1. Research Gate: [http://www.researchgate.net/profile/Azaher\\_Molla](http://www.researchgate.net/profile/Azaher_Molla)
2. GoogleScholar:  
<https://scholar.google.com/citations?user=5sgrfTkAAAAJ&hl=enali+imolla&oq=azaher>

3. LinkedIn: <http://www.linkedin.com/in/azaher-molla-37a82b61>