

# Mayesha Shams

Oklahoma State University, Stillwater campus| Email: [mayesha.shams@okstate.edu](mailto:mayesha.shams@okstate.edu)  
LinkedIn: <http://www.linkedin.com/in/mayeshashamsokstatefemp2024>

## EDUCATION

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- PhD| Fire and Emergency Management Program** *Fall 2024-present*  
Oklahoma State University, Stillwater, OK
- Master of Disaster Management|** University of Dhaka, Bangladesh *2022*  
thesis on public health and pandemic responsive behavior; CGPA 3.86/4.00
- Bachelor of Disaster Management|** University of Dhaka, Bangladesh *2019*  
awarded with presidential gold medal for highest CGPA; CGPA 3.79/4.00

## TEACHING EXPERIENCE

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- Teaching Assistant** *2025-present*  
Fire and Emergency Management Program| Oklahoma State University  
Course: FEMP 3103, Introduction to Emergency Management

## RESEARCH EXPERIENCE

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- Research Assistant|** Fire and Emergency Management Program *2024-2025*  
Oklahoma State University, Stillwater, OK  
research: organizational culture and stress factor-coping capacity of firefighters  
(associated with GIS mapping)
- Research Intern|** Ministry of Disaster Management and Relief (MoDMR) *2018- 19*  
Govt. of Bangladesh  
scrutinized government projects and safety net programs in community level relevant to  
disaster risk reduction, climate change adaptation, WASH projects in flood and river-erosion prone rural  
areas
- Research Assistant|** University of Dhaka, Bangladesh *2017*  
assisted in field surveys for studies on environmental impact assessment of tannery industry  
of Bangladesh, WASH projects in drought-prone areas

## PUBLICATION

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- Peer-reviewed paper

**Shams, M.**, Nasreen, M., (2023). *Socio-economic impacts of Covid-19 through gender lens: A situational assessment in Dhaka city, Bangladesh*. International Journal of Disaster Risk Reduction. Volume 93,103698. ISSN 2212-4209. <https://doi.org/10.1016/j.ijdrr.2023.103698>

- Conference paper

Toxic culture and leadership: negative emotions and harmful coping in fire and emergency services| 82nd Annual Midwest Political Science Association Conference, Chicago, Illinois

Role on the paper: Author; presented on *April 3<sup>rd</sup>, 2025*

## AWARDS AND SCHOLARSHIPS

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**Presidential Gold Medal** for obtaining highest CGPA in Bachelor 2019

**Government of Bangladesh Merit Scholarship** for achieving honor's mark in bachelor 2019

## PROFESSIONAL EXPERIENCE

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**Volunteer**| American Red Cross, Northern Oklahoma Chapter *Aug 2024-present*  
associated with community preparedness, disaster action and client care team

**AmeriCorps Associate**| American Red Cross, Greater New York Chapter *Jan 2024- Aug 2024*  
assigned as CPR trainer and in home fire campaigning, individual disaster care;  
submitted project proposal on disaster disability integrated preparedness education  
which was approved by division head

## SKILLS AND TRAINING

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IRB CITI training 2024

Certified CPR (adult/pediatric) trainer| American Red Cross 2024

Fundamentals of ArcGIS 2022

COVID-19 contact tracing- course completion (online)| John Hopkins University 2020

Record of Achievement: Standard precaution on waste management| WHO 2020

**Technical skills:** SPSS, ArcMap Pro, Qualtrics survey tool

**Language skill:** fluent in English, Bangla (speaking, reading, writing), Arabic (reading, writing) and Hindi (speaking)

**Soft skills:** efficient in problem solving, critical thinking, time management, communication, network

## REFERENCES

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*Dr. Dale (Xiangyu) Li*

Associate Professor and Research Advisor  
Fire and Emergency Management Program  
School of Fire, Construction & Emergency Management  
Oklahoma State University, Stillwater, OK 74078, USA  
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