

Tooba Umar, MBBS

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EDUCATION

University of Illinois at Urbana-Champaign
Mater of Science in community Health

Expected graduation: 2025

Research Interests:

- Explore perceptions of everyday challenges in older adults with cognitive impairment and their care partners
- Quantitative analysis of TechSage Minimum Battery Questionnaire
- Understanding Digital Health Accessibility for Older Adults with Vision Impairment

Shifa College of Medicine Islamabad Pakistan
Bachelor of Medicine, Bachelor of Surgery

12/2009

RESEARCH EXPERIENCE

Human Factors and Aging Laboratory
University of Illinois at Urbana-Champaign
Graduate Assistant

9/2022 – present

Research Projects

- 1. Aging Concerns, Challenges, and Everyday Strategies (ACCESS)**
- 2. Everyday Needs Assessment for Cognitive Tasks (ENACT)**
 - Skilled in conducting thorough and reliable data collection by interviewing and surveying older adults with disabilities.
 - Experienced in transcribing the qualitative data.
 - Experience in data analysis and utilization using Tableau and Microsoft Excel
 - Experience with recruitment and screening potential participants.

WORK EXPERIENCE

Sarah Bush Lincoln Health Center, Mattoon, IL
Administrative Intern

5/2022 - 8/2022

- Department of Performance Excellence
- Department of Quality Management
- Department of Business Planning
 - Deliverable 1: Designed a pilot program for implementing Social determinants of health measures in the inpatient population of the Obstetrics and Gynecology Department

- Deliverable 2: Developed a process for effective registration process sustainment reducing the insurance denials
- Completed a case study-Completed LEAP Immersion Training

Carle Health, Champaign, IL 2021 – 2022
Ophthalmic Assistant

- Managed Patient flow by timely getting their information in Epic.
- Experience in assisting Ophthalmologists for testing and procedures.

Shifa College of Medicine, Pakistan 03/2018 - 10/2020
Instructor

- Department of Physiology
- Department of Pathology
 - Collaborated with faculty members to develop and update course curriculum
 - Conducted small group discussion sessions for first- and third-year medical students for tailored instructions resulting in improved course performance

Multicultural Health Center, Urbana, IL 01/2016 - 6/2016
Volunteer

- Conducted physical examination provided referrals to recourses in community.
- Conducted school physical examination for Pediatric patients.

Carle Health, Champaign, IL 2021 – 2022
Ophthalmic Assistant

- Assisted the department by effectively Interviewing and testing of patients with vision impairment.

Jinnah Hospital, Lahore, Pakistan 01/2011 - 10/2012
Resident Pediatrics

- Actively participated in comprehensive patient care, encompassing history and physical examination.
- Played a key role in diagnostic procedures and therapeutic planning for pediatric patients.
- Authored orders to contribute to effective medical management.
- Interacted collaboratively with patients' families to ensure a holistic approach to care.
- Maintained meticulous and up-to-date medical records throughout residency.
- Trained house officers in the team

Services Institute of Medical Sciences, Lahore, Pakistan 06/2010 - 1/2011
House Officer

- Assisted in patient assessments under the supervision of medical officers.
- Contributed to various aspects of patient care, including history-taking and physical examinations.
- Participated in diagnostic and therapeutic planning processes alongside the healthcare team.
- Observed and gained hands-on experience in performing medical procedures relevant to patient care.

Sir Ganga Ram Hospital, Lahore, Pakistan 01/2010 - 6/2011
House Officer

- Completed training of multiple pediatric procedures including intubation, lumbar puncture, pleural and ascetes taps.
- Successfully completed rotations in Neonatal Intensive care unit, Pediatrics emergency and wards.
- Collaborated with other physicians in care to plan patient management.
- Participated in maintaining statistical records and presented weekly in morning conferences-

POSTER PRESENTATION

Umar, T, Remillard, T. E, Rogers, W. A. (2023). Title: Unlocking Solutions: Enhancing Health and Wellness for Older Individuals with Vision Disabilities. Chittenden Symposium. University of Illinois at Urbana Champaign; Urbana, IL.

CONFERENCE PRESENTATION

Umar, T, Remillard, T. E, Rogers, W. A. (2024). Title: Understanding Technology Use & Challenges for Healthcare Activities among people aging with vision loss. *Theme: Digital Health*
To be presented at Human Factors and Ergonomics Society Healthcare Symposium, Chicago, IL, March 24 – 27, 2024

PROFESSIONAL AFFILIATIONS

- Human Factors and Ergonomics Society (HFES), Student Member
- American College of Healthcare Executives (ACHE) Student Member
- Illinois Medical Group Management Association (MGMA) Student Member

LANGUAGES

- English: Proficient
- Urdu: Native speaker

SKILLS

- Microsoft Office Software
- Webtools
- EPIC
- Qualtrics
- SPSS
- REDCap
- Data collection (Qualitative and Quantitative)
- Transcribing