

# Cherinet Osebo, PhD, MSc (clinical)

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## Language Proficiency

English 

Somali 

Amharic 

French 

References: Available upon request

## Summary

PhD in Global Surgery with over a decade of experience in clinical services and research. Proven leadership in managing critical projects and advancing global health initiatives through innovative research. Expertise in clinical trials, regulatory standards, and data translation. Adept at translating complex data, leading high-level discussions on scientific advancements, and partnering with industry leaders to drive evidence-based practices and deliver impactful insights in high-stakes settings and currently advancing research as a Global Health Emerging Scholar at Stanford University.

### Transferable Skills from my Clinical Services, Leadership, Research, Certifications & Doctorate

- ✓ Proven leadership in high-pressure clinical settings, with strong decision-making and conflict resolution skills
- ✓ Proficient in clinical strategy development to improve patient care outcomes
- ✓ Expertise in strategic planning and project management, including grant writing, statistical analysis, and financial oversight
- ✓ Strong ability to lead cross-functional teams, mentor colleagues, and drive continuous quality improvement
- ✓ Expert in regulatory compliance, including clinical trials (Phases I-IV), GCP, FDA and investigator responsibilities
- ✓ Skilled in translating complex clinical data into actionable insights for diverse audiences and managing adverse events
- ✓ Experience building and maintaining relationships with key opinion leaders and cross-functional teams
- ✓ Familiarity with advanced surgical techniques and evidence-based practices in clinical environments
- ✓ Independent, detail-oriented with strong data organization and reporting, and time management skills

## Research Experiences

### NIH-funded Postdoctoral fellow, Stanford University

Sept 2025

- Strengthening global trauma systems and critical care access via digitally-focused data science in LMIC settings

### Ad hoc Reviewer: Signa Vitae, World Journal of Surgery, & International Journal of Surgery

Jul 2024-present

- Critically evaluated surgery manuscripts for scientific rigor and publication standards, collaborating with editorial teams to ensure timely publication.

### Exam Proctor, McGill University, Canada

Aug 2024-present

- Supervised & monitored exams, ensuring integrity, and collaborating with faculty to uphold institutional policies.

### Doctoral researcher, McGill University

Jan 2021-May 2024

- Led, and implemented an eco-friendly, cost-effective web-based trauma surgery database in Tanzanian hospitals:
  - Enhanced critical surgical services through real-time data by reducing accessibility time from 48 hours to under 1 hour.
  - Established quality management frameworks, improving clinical decisions and system efficiency.
- Collaborated with interdisciplinary teams to track project progress and develop grant proposals, successfully securing \$20,000 in funding by effectively conveying research goals to diverse stakeholders
  - 100% data completion rate achieved, and 95% data accuracy ensured by maintaining detailed project records.
  - 100% of deadlines met by conducting bi-weekly meetings to address communication & project timelines issues.
  - 85% reduction in non-compliance incidents through rigorous regulatory oversight and quality assurance.
- Analyzed large-scale data to identify care gaps, leading to targeted training for 25+ clinicians and achieved a 40% improvement in patient outcomes.

### Trauma Services Observership, Montreal General Hospital, Canada

Jul 2022-Sept 2022

- Shadowed trauma team as part of clinical enrichment at a high-volume Level I trauma center.
- Supported randomized control trial protocol on the enhanced recovery after abdominal trauma surgery
- Oversaw the screening and enrollments of 50+ patients while ensuring strict protocol adherence.

## Clinical Services and Leadership Experiences, Hargele Hospital, Ethiopia May 2013-Dec 2020

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- Worked as an *attending emergency surgery clinician* to perform life-saving surgeries in high-pressure environments
  - Led the management of urgent procedures during COVID-19, ensuring optimal patient outcomes.
  - Delivered critical care during dengue outbreaks, achieving 85% vaccination coverage in rural areas.
  - Managed consultations for non-emergency surgical conditions, ensuring comprehensive follow-up care.
- *Safe Surgery Program Manager | Implementation Research Lead*
  - Led a data-driven surgical safety protocol and efficiency evaluation across 7 operating rooms, applying an implementation science framework to reduce complications (↓30%) and surgical waitlists (↓60%).
  - Designed and monitored performance metrics, collecting longitudinal data on 450+ monthly surgeries to guide operating room utilization improvements.
  - Oversaw quality-of-care improvement plans in critical care units, integrating evidence-based process re-engineering into a 5-year hospital-wide strategy.
  - Co-founded and led a *Maternal Waiting Area* project's intervention, documenting a 40% increase in safe deliveries and neonatal health improvements.
  - Disseminated internally analyzed data to hospital leadership, influencing evidence-informed hospital-wide quality improvement policies.
- Volunteered as Blood Bank Ambassador, successfully increasing community awareness and donations, saving lives.

## Selected Professional Development and Certifications

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| • Good Clinical Practice, IRB BioMed, Clinical Trials (Phase I-V), FDA, CITI, Stanford University | 2025 |
| • Biomedical Responsible Conduct of Research, CITI, Stanford University                           | 2025 |
| • Health Systems Strengthening and Global Governance, McGill University                           | 2024 |
| • Trauma and Disaster Team Response (TDTR) Course, UNITAR, Switzerland                            | 2023 |
| • Advocacy in Global Health, McGill University  | 2023 |

## Education

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**Doctorate, Global Surgery, McGill University** Jan 2021-May 2024

- **Thesis:** *Development and implementation of a novel web-based trauma and operating theater registry in Tanzania: The Amber Database initiatives*
- **Teaching and Mentorship:**
  - Lectured TDTR Course for 25+ Muhimbili Orthopedic Institute's healthcare providers in Tanzania
    - Received 95% positive feedback from trainees.
  - Taught surgical-medical courses for 17 nursing students at Eastern Africa International College
    - 73% of students scored an "A" grade.
  - Mentored 5 MSc & BSc students on research and career goals through the CAGH initiative
    - Achieved a 4.7/5 mentee evaluation rating.

**Master of Science, Integrated Emergency Surgery, Wolaita Sodo University** Dec 2013-Mar 2017

- **Degree:** Advanced clinical training in emergency surgery and obstetrics (*USA Physician Assistant equivalent*)
- **Thesis:** Assessment of episiotomy practice and associated factors at the University Teaching Hospital

**Bachelor of Science, Public Health, Wolaita Sodo University** Apr 2008-May 2011

## Publications and Presentations

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- Collaborated with a team of 17 researchers to publish 5 peer-reviewed papers on critical surgical care access, focusing on designing and implementing web-based database platforms, demonstrating my ability to communicate complex data and collaborate effectively in research settings.
- Delivered impactful and engaging presentations to technical and non-technical audiences at major local and international conferences, helping to raise the visibility of our work and attract 7 new potential collaborators.
  - Complete Lists of my publications and presentations: [Dr. Cherinet Osebo - Google Scholar](#).