



## SUPPORTING GLOBAL HEALTH EXPERIENTIAL EDUCATION

### TAYLOR JARACZEWSKI- HAWASSA UNIVERSITY COMPREHENSIVE SPECIALIZED HOSPITAL- ETHIOPIA 2023

Master of Science in Global Health Equity

DR. RACHEL THOMPSON GLOBAL HEALTH EQUITY FUND

Taylor partnered with the Hawassa University Comprehensive Specialized Hospital (HUCSH) for his internship. Taylor is a general surgery resident at MCW and also represented the American College of Surgeons as the Operation Giving Back fellow during his time in Ethiopia. Taylor has been collaborating with HUCSH since May of 2022 and has helped to develop, establish, and manage a perioperative surgical registry at the hospital. During his internship, Taylor was able to observe the impact of this registry and make technical modifications to improve data collection. His internship project was focused on building sustainable research and quality improvement capacity for the faculty and residents at Hawassa.

“I was able to connect with people, find similarities, and learn about a new culture and way of doing things. It was very powerful and gave me a lot of encouragement. I plan to do this work for the rest of my life.”

While at HUCSH, Taylor conducted a thorough analysis of the surgical data collection process and the system used to store and organize the data and patient charts. In collaboration with other physicians at HUCSH, Taylor helped to develop a postoperative complication tracking sheet which was placed in all patient charts and filled out by the physicians caring for the patient. This initiative has already improved the system and resulted in 0% missingness of data. Taylor also collaborated with the residents at HUCSH and together developed nine abstracts that will be submitted to the College of Surgeons of East, Central, and South Africa.

Taylor plans to conduct semi-structured interviews with key stakeholders involved in surgical data collection in LMICs. Questions will focus on challenges, barriers, and facilitators of capturing surgical data and establishing registries. During his internship, Taylor met with many individuals he plans on interviewing for this project including members of the Ministry of Health and members of Global Partners for Improving Surgical Systems. Taylor plans to continue working with HUCSH and return to Ethiopia for additional long-term projects and continue involvement in global surgery.

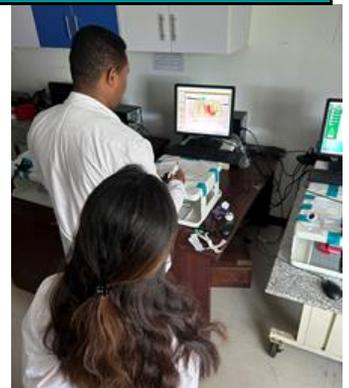
Key learning takeaways	<ul style="list-style-type: none"> <li>• Gained experience working with people of different cultural backgrounds</li> <li>• Analysis of surgical registry to assess missingness and data accuracy, collaborated on an initiative to reduce data missingness</li> <li>• Establishment of ongoing infrastructure development and collaboration on abstract submissions</li> </ul>
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Analyzing the system for data collection with Dr. Tinbete Esayas and Dr. Winta Melaku



Meeting with Dr. Andualem Deneke Beyene of Black Lion Hospital in Addis Ababa, Ethiopia



Dr. Belay Mellese, chief of surgery of HUCSH displays the new laparoscopic sim lab