



Christine Ngaruiya

Associate Professor of Emergency Medicine (Adult Clinical Academic)

CLINICAL OFFICE (PRIMARY)

- **Stanford Adult Emergency Department**

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Bio

BIO

Christine Ngaruiya, MD, MSc, DTM&H is the Director of the Stanford EM International Global and Population Health Section (SEMI), and Associate Professor, in the Stanford Department of Emergency Medicine (DEM).

Previously she was on faculty in the Department of Emergency Medicine (DEM) at Yale University. She completed the Global Health and International Emergency Medicine fellowship in the Yale DEM in 2015, while also matriculating with a Master of Science and Diploma in Tropical Medicine and International Health from the London School of Hygiene and Tropical Medicine. Her research interests center on: noncommunicable diseases (NCDs), barriers to care, community-based participatory research and implementation science with a particular focus on Africa.

Some past honors include: the Emergency Medicine Resident's Association (EMRA) Augustine D'Orta Award for outstanding community and grassroots involvement, Harambe Entrepreneur Alliance Associate and the 2014 Harambe Pfizer Fellow Award for social entrepreneurship, the 2016 University of Nebraska Outstanding International Alumnus award, the 2018 Young Physician award of the Global Emergency Medicine Academy at the Society for Academic Emergency Medicine, the 2019 Yale School of Medicine Leonard Tow Humanism in Medicine for clinical excellence and compassionate care, being selected as 1 of 30 WomenLift Health Women Leaders in Global Health in 2021, 1 of 25 US Schmidt Futures International Strategy Forum fellows in 2023, and as 1 of 100 National Academy of Sciences US-Africa Frontiers in STEM fellows in 2024.

She has held several national and international leadership positions including with: the Society of Academic Emergency Medicine, the Consortium of Universities for Global Health (CUGH) as current co-chair of the Research Committee (2024-2026), the African Federation for Emergency Medicine (AFEM) and WomenLift Health. She was also a founding member of the Yale Network for Global Noncommunicable Disease (NGN). Her work has been funded by Yale University, the NIH (top 100 in Emergency Medicine), Gates Foundation, World Bank, USAID, the American Psychiatric Association, among others. She has served on a number of NIH panels related to global NCD topics, and has lectured both nationally and internationally on the same. Currently, she is a member of a World Health Organization (WHO) group developing an implementation science research agenda for global NCDs.

She is the global NCD section editor for PLOS Global Public Health, and also a fervent writer in the non-traditional sphere on global NCDs. To that end, she was selected as one of twenty Yale Public Voice Fellows for 2015-2016 from across campus with more than 20 publications in outlets such as Time, Huffington Post, Medium, and The Hill on the topic.

CLINICAL FOCUS

- Emergency Medicine

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Emergency Medicine

HONORS AND AWARDS

- Case and Photo Competition Awardee, Society for Academic Emergency Medicine (2014)
- HEA Associate (1 of 30 selected internationally) for social entrepreneurship in Africa, Harambe Entrepreneur Alliance (HEA) (2014)
- Harambe Pfizer Fellow Award (1 of 2 internationally), Harambe Entrepreneur Alliance (HEA) (2014)
- Top Ten Poster Award, African Congress of Emergency Medicine, Addis Ababa, Ethiopia (2014)
- Yale Public Voices Fellow (1 of 20 faculty selected from across campus), The OpEd project (2015)
- Outstanding International Alumnus, Nebraska Alumni Association (2016)
- Young Physician award, Global Emergency Medicine Academy (GEMA), Society for Academic Emergency Medicine (SAEM) (2018)
- Leonard Tow Humanism in Medicine Award, Yale School of Medicine (2019)
- Outstanding teaching faculty of the year, APP residency, Department of Emergency Medicine, Yale School of Medicine (2020)
- WomenLift Health Women Leaders in Global Health Journey (1 of 25 women selected nationally), Stanford University/ Gates Foundation (2020)
- Outstanding teaching faculty of the year, Emergency Medicine residency, Department of Emergency Medicine, Yale School of Medicine (2022)
- Top Poster Award, Stanford Research Park Annual Symposium, Palo Alto, California (2023)
- National Academy of Sciences U.S. - Africa Frontiers of Science, Engineering, and Medicine fellow, National Academy of Sciences (2024)
- Dr. Tom Hall-Dr. Nelson Sewankambo Mid-Career Leadership Award, Consortium of Universities for Global Health (2026)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty Fellow, Stanford Center for Innovation in Global Health (2024 - present)
- Faculty Fellow, Stanford King Center on Global Development (2024 - present)
- Affiliate, Stanford Center for Human and Planetary Health (2025 - present)

PROFESSIONAL EDUCATION

- Certificate, National Institutes of Health , Training Institute for Dissemination and Implementation Research in Health (TIDIRH) (2020)
- DTM&H, London School of Hygiene and Tropical Medicine (2015)
- MSc, London School of Hygiene and Tropical Medicine , Tropical Medicine and International Health (2015)
- Fellowship: Yale School of Medicine Dept of Emergency Medicine (2015) CT
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2014)
- Residency: Univ of North Carolina Chapel Hill Emergency Medicine Residency (2013) NC
- Medical Education: University of Nebraska College of Medicine (2010) NE

Publications

PUBLICATIONS

- **Bridging the gap: why Africa must invest in AI infrastructure for health care.** *The Lancet. Global health*
Omolo, C. A., Ngaruiya, C., Mutanu, L.
2026; 103955
- **Multimodal approach to exploring neighbourhood and transportation dynamics in HIV care in Kenya: protocol.** *BMJ open*
Kimaru, L. J., Ngaruiya, C., Mugo, C., Madhivanan, P.
2026; 16 (5): e110803
- **Perspectives of adolescents and young people on Digital Health Interventions and their impact on health knowledge.** *PLOS global public health*
Macharia, P., Block Ngaybe, M. G., Ravi, P., Moraa, H., Hamzazai, W., Moikobu, B., Mugo, C., Ngaruiya, C.
2026; 6 (4): e0005611
- **Assessment of emergency care services in Nigerian hospitals: A cross-sectional study.** *African journal of emergency medicine : Revue africaine de la medecine d'urgence*
Umoga, K., Muhammad, M., Meeker, M. A., Rayo, J., Ogunyemi, K. O., Ngaruiya, C.
2026; 16 (1): 100939
- **The current state of oncological emergency services in Kenya: challenges and opportunities.** *BMJ global health*
Abdihamid, O., Affey, F., Maina, J., Ngaruiya, C.
2026; 11 (1)
- **The era of no review: an appraisal on transparency in global health funding.** *The Lancet. Global health*
Ngaruiya, C., Omolo, C.
2025; 13 (2): e194-e195
- **Community Based Participatory Research in Global Health: Time to Provide Appropriate Ethics Training for Community Researchers.** *Inquiry : a journal of medical care organization, provision and financing*
Ganjeh, Y., Ngaruiya, C., Albee, B., Funaro, M. C., Bongomin, F., Vergara Greeno, R., Bothwell, L., Ebbs, D.
2025; 62: 469580251350492
- **Identification of Gender Differences in Acute Myocardial Infarction Presentation and Management at Aga Khan University Hospital-Pakistan: Natural Language Processing Application in a Dataset of Patients With Cardiovascular Disease.** *JMIR formative research*
Ngaruiya, C., Samad, Z., Tajuddin, S., Nasim, Z., Leff, R., Farhad, A., Pires, K., Khan, M. A., Hartz, L., Safdar, B.
2024; 8: e42774
- **Bridging gaps in automated acute myocardial infarction detection between high-income and low-income countries.** *PLOS global public health*
Chiou, N., Koyejo, S., Ngaruiya, C.
2024; 4 (6): e0003240
- **A proposed guide to reducing bias and improving assessments of decolonization in global health research** *FRONTIERS IN EDUCATION*
Ngaruiya, C., Muhammad, M., Sam-Agudu, N. A.
2024; 9
- **Self-care and healthcare seeking practices among patients with hypertension and diabetes in rural Uganda.** *PLOS global public health*
Tusubira, A. K., Ssinabulya, I., Kalyesubula, R., Nalwadda, C. K., Akiteng, A. R., Ngaruiya, C., Rabin, T. L., Katahoire, A., Armstrong-Hough, M., Hsieh, E., Hawley, N. L., Schwartz, J. I.
2023; 3 (12): e0001777