

Tamara Jimah

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CURRENT APPOINTMENT

2023 - *Assistant Professor, Northeastern University, Boston, MA*

EDUCATION

2020 *PhD, Public Health (Global Health), University of California, Irvine (UCI), Irvine, CA*
Dissertation committee: Dr. Oladele Ogunseitan, Dr. Annie Ro, Dr. Cynthia Lakon
Dissertation title: *Antibiotic Stewardship in Ghana's Global Health Security Agenda: a cross-sectoral assessment of knowledge translation into practice*

2015 *MA, International Development Studies (Health), Ohio University (OU), Athens, OH*

2011 *BSc, Economics, Voronezh State University (VSU), Voronezh, Russia*

RESEARCH EXPERIENCE

2022 - 2023 *Fogarty UCGHI GloCal Postdoctoral Fellow, UCI*
Research study: Promoting Women's Health in South Africa: Enhancing TB Treatment Adherence among Female Patients with TB and HIV/TB Co-infection
Mentors: Dr. Sanghyuk Shin, Dr. Andrew Medina-Marino, Dr. Joseph Daniels

- Planned, coordinated, and executed research activities
- Hired and trained research assistants on ethical conduct of research and data collection procedures
- Trained and supervised data manager on data monitoring procedures
- Conducted team meetings to discuss research progress
- Conducted quantitative and qualitative data analyses
- Wrote manuscripts for publication and presented at scientific conferences
- Prepared and modified Institutional Review Board documents

2021- *Project Scientist Consultant, This Is Public Health Global Grant, ASPPH*

- Build network of global stakeholders involved in implementing the national action plan on antimicrobial resistance
- Support research study design and implementation
- Facilitate research process and outcome evaluation

2020 - 2022 *Postdoctoral Researcher, Sue & Bill Gross School of Nursing, UCI*
Research study: NSF UNITE Two Happy Hearts
Mentor: Dr. Yuqing Guo

RESEARCH EXPERIENCE *continued*

- Managed longitudinal datasets and conducted data analyses
- Supervised a research team of 20+ to support study implementation
- Trained a research team on data monitoring procedures
- Wrote manuscripts for publication and presented findings at scientific conferences
- Supervised undergraduate students' research projects
- Prepared and modified Institutional Review Board documents

2017 - 2020 *PhD Candidate, Lead Researcher, Dissertation Research Fellow, UCI*
Mentors: Dr. Oladele Ogunseitan, Dr. Annie Ro, Dr. Cynthia Lakon

- Analyzed quantitative and qualitative data and published in scientific journals
- Designed and conducted doctoral dissertation research abroad (completed a pilot study and administered 400 surveys in 12 sites in two regions of Ghana)
- Trained and supervised 7 staff on research ethics, participant recruitment, and survey administration procedures
- Developed and maintained collaboration with a researcher at the University of Ghana to ensure successful completion of the study
- Identified and engaged key stakeholders in Ghana's health sector, including the Ministry of Health, to ascertain the country's progress with developing and implementing the National Action Plan on Antimicrobial Resistance

2014 *Intern, Woodrow Wilson International Center for Scholars, Washington, DC*
Projects: Women's Participation in African Politics; Conflict Resolution; African Youth and Technology

- Assisted the Southern Voices Scholars with literature searches and manuscript editing. Scholars were funded by the Carnegie Foundation to promote discussions on US-Africa policies
- Searched for source material and summarized findings for the Africa Program's strategic and fundraising plan

2013 *Research Supervisor, Water and Sanitation for Africa (WSA), Accra, Ghana*
Project: Tool for Predicting, Planning and Evaluating for Sustainability (ToPPES)

- Designated by the WSA, a Pan-African organization, to conduct field work in 20 rural communities in the Central region of Ghana to test the ToPPES laptop-based tool for enhancing services of rural water supply providers
- Conducted focus group interviews and town hall meetings involving chiefs, elders, and community members to determine the impact of water and sanitation facilities on their health and livelihood
- Conducted physical inspections of water and sanitation facilities, recorded survey results, and analyzed data. A summary of findings was published in: Boulouvar, J., Schweitzer, R., & Lockwood, H. (2013). Mapping sustainability assessment tools to support sustainable water and sanitation service delivery. *IRC International Water and Sanitation Centre, The Hague, the Netherlands*

PUBLICATIONS

Jimah, T., Haberer, J., Amico, R., Tinkamanyire, T., Kendall, M. A., Moonsamy, S., Khan, T. R., Fetalvero, B. K., Suryavanshi, N., Gupta, A., Hesselings, C. A., Swindells, S., & Churchyard, G. (2026). Real-Time Electronic Drug Monitoring: Experiences from a Multinational Phase 3 Clinical Trial to Prevent MDR-TB. *International Journal of Tuberculosis and Lung Disease Open*. Manuscript accepted and will be publicly available in the May 2026 Issue.

Jimah, T., Stadler, A., Bota, Z., Marshall, L., Johnson, R., Kipp, A., Wasserman, S., Orrell, C., Daniels, J., & Medina-Marino, A. (2026). Developing and Piloting an Integrated Medication Event Monitoring System and Smartphone-Based Ecological Momentary Assessment Delivery Platform to Identify Real-Time Factors Influencing TB Treatment Adherence: A Feasibility, Usability, and Satisfaction Study in Eastern Cape, South Africa. Manuscript under review at the *Journal of Clinical Tuberculosis and Other Mycobacterial Diseases*.

Qu. A., Rim, J., Xu, Q., Tang, X., **Jimah, T.,** & Guo. Y. (2025). Heterogeneous effects of physical activity on physiological stress during pregnancy. *PLOS Digital Health*. doi.org/10.1371/journal.pdig.0000837

Asgari Mehrabadi, M., Khatibi, E., **Jimah, T.,** Labbaf, S., Borg, H., Narvaez, L., Pimentel, P., Turner, A., Dutt, N., Guo, Y., & Rahmani, A. M. (2024). PERFECT: Personalized Exercise Recommendation Framework and architECTure. *ACM Transactions on Computing for Healthcare*. doi: 10.1145/3696425

Jimah, T. & Ogunseitan, O.A. (2024). “Toxic Scavenging in the Digital Divide” In: Who Gives to Whom? Reframing Africa in the Humanitarian Imaginary, Edited by Cilas Kemedjio and Cecelia Lynch. New York: Palgrave Macmillan Press, ISBN 978-3-031-46552-9.

Jimah, T., Borg, H., Kehoe, P., Pimentel, P., Labbaf, S., Asgari, M., Rahmani, A., Dutt, N., & Guo, Y. (2022). Continuous monitoring of pregnant women: a micro-level analysis of the physiological responses to COVID-19. *Frontiers in Public Health*. doi: 10.3389/fpubh.2022.808763

Ogunseitan, O. A., Gussin, G., **Jimah, T.,** Wang, S., Fenny, A., Bada-Alambedji. R., & Andre, B. (2022). The ten commandments of antibiotic stewards. *CABI One Health Case Studies*. doi: 10.1079/onehealthcases.2022.0003

Jimah, T., Borg, H., Kehoe, P., Pimentel, P., Turner, A., Labbaf, S., Asgari, M., Rahmani, A., Dutt, N., & Guo, Y. (2021). The Two Happy Hearts technology-based pregnancy health and wellness intervention in California: Case Study. *Journal of Medical Internet Research*. doi: 10.2196/30991

Jimah, T. & Ogunseitan, O. A. (2020). National Action Plan on Antimicrobial Resistance: a stakeholder analysis of implementation in Ghana. *Journal of Global Health Reports*. doi: 10.29392/001c.13695

Jimah, T. & Ogunseitan, O. A. (2020). Socio-demographic characteristics of the association between knowledge of antibiotic therapy and prudent use in Ghana. *Journal of Global Health Reports*. doi:10.29392/001c.12838

Jimah, T., Fenny, P. A., & Ogunseitan, O. A. (2020). Antibiotics stewardship in Ghana: a cross-sectional study of public knowledge, attitudes, and practices among communities. *BMC One Health Outlook*. doi: 10.1186/s42522-020-00021-8

Allgood, J. M., **Jimah, T.**, McClaskey, C. M., La Guardia, M. J., Hammel, S. C., Zeineddine, M. M., ... & Ogunseitan, O. A. (2017). Potential human exposure to halogenated flame-retardants in elevated surface dust and floor dust in an academic environment. *Environmental Research*.

CONFERENCE PRESENTATIONS

Jimah, T., Brooks, M., Bressler, J., Giebultowicz, S., Dankovchik, J., Falkenstein, A., Angier, H., Epstein, R., Jenkins, H., Tschampl, C., Jacobson, K., Campbell, J. (2026, February). *Examining trends in TB infection treatment in the United States: a thirteen-year observational study using data from a community health network*. Abstract under review at *The Union- the North America Region TB Conference*.

Jimah, T., Moattari, S., Vytla, K., Ferdows, N. (2025, November). *Examining rural-urban differences in HIV and HIV-related mortality rates in the U.S.: a longitudinal analysis of data from 1999 to 2020*. (Round Table). American Public Health Association, Washington, D.C., USA.

Abdulai, M., Agyekum, W. M., Abdulai, M., Ashinyo, A., Kodua, O. K., **Jimah, T.** (2025, October). Implementing an mHealth Intervention for Older People Living with HIV in Ghana: Addressing Perceived Challenges and Lessons Learned.

Abdulai, M., Agyekum, W. M., Abdulai, M., Ashinyo, A., **Jimah, T.** (2025, October). Effects of Psychosocial Support Approaches in Enhancing the Quality of Life among Older Women Living with HIV in Ghana: A Quasi-Experimental Study. 16th International Workshop on Women and HIV 2025, Washington, D.C.

Jimah, T., Owusu-Ofori, A., Enimil, A., Koduah., A., Ohene Buabeng., K. (2025, September). Assessing *Antimicrobial Stewardship at a Leading Tertiary Hospital in Ghana: A Pilot Study*. (Poster). 8th African Forum for Research and Education in Health Annual Symposium, Dakar, Senegal.

Agyekum, W. M., Abdulai, M., Ashinyo, A., Gyamfi, A.R., Owusu, K.K., Addo, A. S., **Jimah, T.** (2025, April). *Understanding the Drivers of Depression Among Elderly Women Living with HIV in Ghana: A Cross-Sectional Study*. (E-Poster). 15th International Workshop on Women and HIV 2025, Barcelona, Spain.

Jimah, T. Koethe, B., Ferdows, N., Campbell, J., Dionne, B., & Briesacher, B. (2025, February). *Tuberculosis Case Identification in U.S. Skilled Nursing Facilities*. (Poster). 2025 End TB Annual Conference of the Union-NAR, Vancouver, British Columbia, Canada.

Jimah, T. (2024, March). *Training the Next Generation of Global Health Researchers: the NIH-Fogarty Global Health Program for Fellows and Scholars*. (Panel Presentation). Consortium of Universities for Global Health Conference, Los Angeles, CA, USA.

Jimah, T., Narvaez, L. & Guo, Y. (2023, May). *Impact of emotional distress on sleep physiology in underserved pregnant women*. (Podium Presentation). ACOG Annual Clinical & Scientific Meeting, Baltimore, MD, USA.

CONFERENCE PRESENTATIONS *continued*

Stadler, J. A. M., Daniels, J., **Jimah, T.**, Sibanda, N., Bota, Z., Orrell, C., Wasserman, S., Marshall, L., Kipp, A., Medina-Marino, A. (2022, September). *A tool for near real-time assessment of factors*

influencing TB treatment lapses and adherence behaviors: development and usability assessment of an integrated MEMS-EMA system. (Poster). 7th TB Conference, Durban, South Africa.

Tung, A., **Jimah, T.**, Guo, Y. (2022, September). *Two Happy Hearts: An objective assessment of physical activity among underserved pregnant women.* (Poster). Rising Nurses, Virtual Conference.

Che, T., **Jimah, T.**, Guo, Y. (2022, September). *Two Happy Hearts: Physiological and psychological benefits of mindful breathing during pregnancy.* (Poster). Rising Nurses, Virtual Conference.

Jimah, T., Borg, H., Asgari, M., Labbaf, S., & Guo, Y. (2021, October). *A digital health approach to promote emotional well-being in pregnant women: The Two Happy Hearts Case Study.* (Poster). Association of Women's Health, Obstetric and Neonatal Nurses Conference, Kissimmee, FL, USA.

Jimah, T., Borg, H., Kehoe, P., Labbaf, S., Asgari, M., Rahmani, A., Dutt, N., & Guo, Y. (2021, August). *Two Happy Hearts: A technology-based personalized health self-management model for pregnant women.* (Poster). American Nursing Informatics Association Conference, San Diego, CA, USA.

Jimah, T., Borg, H., Pimentel, P., Turner, A., & Guo, Y. (2021, May). *Adapting the Two Happy Hearts model to improve maternal and infant care during the COVID-19 pandemic.* (Poster). Association of Maternal & Child Health Programs, Virtual Conference.

Jimah, T. & Ogunseitán, O. (2020, May). *Knowledge and use of antibiotics in Ghana: a cross-sectional study.* (Poster). University of California Global Health Day, Virtual Conference.

Jimah, T., Fenny, A., Ro., Lakon, C., & Ogunseitán, O. (2019, May). *Public knowledge, attitudes, and practices regarding antibiotic use in Ghana: a cross-sectional study.* (Poster). Institute of Clinical and Translational Science Conference, Irvine, CA, USA.

Neequaye, B. & **Jimah, T.** (2018, June). *An introduction to mixed-methods research for graduate students and practitioners.* (Workshop). African Educational Research Network, Accra, Ghana.

TEACHING

2024 - *Instructor, Bouve College of Health Sciences, Northeastern University*

Spring 2020 *Pre-Professor Program Fellow, California State University, Long Beach (CSULB)*

- Prepared and presented a lecture to undergraduate and graduate students

Research Assistant, Department of Population Health and Disease Prevention, UCI

- Participated in developing the new *Global Health Policy and Diplomacy* course led by UCI and UCSD

Summer 2019 *Instructor, Department of Population Health and Disease Prevention, UCI*

- Served as instructor of record for the *Introduction to Global Health* online course that caters to students from across all 10 campuses in the University of California system (8/9 rating in student evaluations)

TEACHING *continued*

2015 - 2019 *Teaching Assistant, Department of Population Health and Disease Prevention, UCI*
Courses: *Introduction to Global Health* (online and in-person), *Health Behavior Theory*,
Public Health Policy, *Introduction to Epidemiology*, *Public Health Case Studies*, *Stress*
Management, *Health Professions and Institutions*, *Principles of Public Health*,
Public Health Practicum, *Epidemiology of Drug use*

- Assisted faculty with classroom instruction and led class discussions
- Held office hours to assist students with academic work
- Graded assignments, prepared, and proctored examinations
- Managed course website

Mentoring: Mentored and supported undergraduate students with research projects, internships, and graduate school applications

RELATED PROFESSIONAL EXPERIENCE

2014 - 2015 *Graduate Assistant, Office of Global Affairs and International Studies, OU*

- Participated in preparing a global strategy for OU
- Managed the alumni database of the Center for International Studies
- Collected data on institutional performance on global higher education, reviewed, organized, and analyzed information from various databases
- Reviewed survey results of the Higher Education Research Institute to create an internalization benchmarking database for the university

2014 *Intern, Wilson Center Africa Program, Washington, DC*

- Conducted literature reviews, analyzed, and summarized findings for the Program's strategic and fundraising plans
- Proofread and edited manuscripts
- Liaised with other departments to plan, coordinate, and execute Center events: successfully served as the lead role for co-hosting the 2014 South Africa-Washington International Program
- Assisted in managing various program databases and webpages, including event announcements and troubleshooting issues

2012 - 2013 *Intern, Department of Planning and Investments, Community Water and Sanitation Agency Head Office (CWSA), Accra, Ghana*

- Participated in data collection and analyses for project evaluation
- Participated in monitoring and producing progress reports on field projects
- Participated in producing the Agency's Strategic Investment Plan and Performance Contract
- Assisted in organizing workshops, capacity building trainings, and departmental meetings

2011 - 2012 *National Service Personnel, CWSA Head Office, Accra, Ghana*
Department of Planning and Investments

- Collated information and participated in producing quarterly reports
- Proofread reports and contract documents prior to submission for funding
- Participated in organizing workshops, including the 2012 Annual Review Conference

RELATED PROFESSIONAL EXPERIENCE *continued*

Department of Finance

- Produced an original softcopy of the Agency's Social Security Fund
- Analyzed quarterly financial statements and compiled tax obligations to the Internal Revenue Services

- 2011 *Intern, Financial Corporation 'Otkrytie', Voronezh, Russia*
- Analyzed quarterly and annual financial information for the purposes of determining past performance, and to make financial predictions
 - Analyzed financial resources and investment opportunities for the organization
 - Compiled relevant information on acquirers and clients

SELECTED FELLOWSHIPS and AWARDS

- 2026 Weill Cornell Women's Infectious Diseases Global Scholars Program
- 2025 Small Grant Funding, Northeastern University
- 2024 Grants-in-Aid Award, Society for the Psychological Study of Social Issues
- 2022 - 2023 NIH-sponsored Fogarty UCGHI GloCal Postdoctoral Fellow, UCI
- 2020 Pre-Professor Program Fellow, CSULB
- 2019 - 2020 Dissertation Writing Fellowship, UCI
- 2019 Improv for Teaching Certificate, UCI
- 2019 Mentoring Excellence Program Certificate, UCI
- 2018 Dissertation Research Fellowship, UCI
- 2016 - 2019 Public Health Summer Research Grant, UCI
- 2015 - 2020 Public Health Tuition Fellowship, UCI
- 2014 Global Health Case Competition Finalist, OU
- 2013 - 2015 Full Scholarship for Graduate Studies, OU
- 2009 - 2011 African Student Union Award for Outstanding Leadership, VSU
- 2007 Russian Federation Association of Businesswomen Award, VSU
- 2006 - 2011 Full Scholarship for Undergraduate Studies, Ghana-Russia Governments

LEADERSHIP and SERVICE

- 2025- *Guest Editor, PLOS Global Public Health*
- 2025- *Board Member, Healing Our Community Collaborative Non-Profit, Boston, Massachusetts*
- 2024- *Belonging Representative, Department of Pharmacy & Health System Sciences, Northeastern University*
- 2022 - *Ad-hoc Scientific Reviewer, Public health research journals*
- 2021 - 2022 *Liaison, Postdoctoral Association Women in Research, UCI*
- 2019 - 2020 *Peer Mentor, Graduate Interconnect, UCI*
- 2015 - 2018 *Volunteer, Helping Hands, Newport Beach, CA*

2017 *Volunteer, Habitat for Humanity, Santa Ana, CA*
2016 *Volunteer, Orange County Food Bank, Garden Grove, CA*
2014 - 2015 *Treasurer, African Student Union, OU*
2013 - 2014 *Commissioner for Minority Affairs, Graduate Student Senate, OU*
2013 *Volunteer, Good Works Inc., Timothy House, Athens, OH*
2013 *Volunteer, Second Harvest Food Bank of Southeastern Ohio, OH*
2009 - 2011 *Financial Secretary, African Student Union, VSU*
2008 - 2009 *Editorial Board Member, African Student Union, VSU*

SKILLS

Analytical Software: Dedoose, GIS, NVivo, Qualtrics, R, REDCap, SPSS, Stata
Languages: English (native), Akan (fluent), Russian (fluent) French (basic), Hausa (basic)