

NADI NINA KAONGA

EDUCATION & TRAINING

- 7/2019 – 6/2023 **Maine Medical Center**, Portland, ME, USA
Resident in Obstetrics and Gynecology
Expected to complete a residency in obstetrics and gynecology and function as a clinical instructor for the Tufts University School of Medicine and Maine Track Program as part of the Department of Obstetrics and Gynecology.
- 9/2012 – 5/2019 **Tufts University School of Medicine**, Boston, MA, USA
MD with Research Honors
Completed academic and clinical coursework and training and also engage in research activities in global health.
- 9/2014 – 8/2016 **Tufts Sackler School of Graduate Biomedical Sciences**, Boston, MA, USA
MS in Clinical and Translational Science
Completed academic coursework in biostatistics and epidemiology with a practical focus on quantitative evaluation methods.

Thesis Title: "Developing a predictive model to identify sub-optimal antiretroviral therapy adherence in Namibia"
- 9/2010 – 5/2012 **Johns Hopkins Bloomberg School of Public Health**, Baltimore, MD, USA
MHS in International Health, Global Disease Epidemiology and Control
Completed coursework in epidemiology, biostatistics, quality assurance, community trials program design and program evaluation.

Thesis Title: "Exploring the social structure of a Health Worker Mobile Phone Closed User Group in a community in Sub-Saharan Africa: A Social Network Analysis"
- 9/2006 – 2/2010 **Columbia University, Columbia College**, New York, NY, USA
BA in Neuroscience and Behavior and Pre-Medical Studies
Courses covered include biology, physics, chemistry, advanced mathematics, statistics and global health.

PUBLIC HEALTH EXPERIENCE

- 12/2018 – 6/2019 **Independent Consulting**, Global Health Consultant and Technical Advisor
Client: Sitara
Project: UNICEF-led initiative to develop selection criteria and identify technology applications for Child & Youth Friendly Spaces in refugee settings

Client: HealthEnabled
Projects: Research and evaluation; digital health strategy development
- 6/2017 – Present **citiesRISE**, Technology Advisor
Lead and advise citiesRISE, a mental health initiative of the Global Development Incubator, and partners on the use of technology to support mental health and broader health outcomes
- 4/2017 – 6/2017 **HealthEnabled**, Senior Program Manager and Senior Technical Advisor
Manage and provide oversight on discrete digital health initiatives that are part of HealthEnabled's portfolio.
- 5/2016 – 4/2017 **HealthEnabled**, Interim Deputy Director
Supported and lead the global operations and day-to-day management of HealthEnabled, a global health not for profit organization based out of Cape Town, South Africa, that provides strategic and technical advisory support on digital health to governments and implementing partners. Helped the organization restructure and grow to meet its needs as well as sustain and expand its portfolio.

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- 12/2014 – 5/2016 **HealthEnabled**, Senior Project Manager
Manage mobile health (mHealth) implementations related to the United Nations Commission on Life-Saving Commodities and technical review teams
- 10/2013 – 12/2014 **Independent Consulting**, Global Health Consultant

Former Client: Merck for Mothers [via Payne Global Consulting, LLC]
Project: Project iDeliver (mHealth for intrapartum care)

Former Client: United Nations Foundation
Projects: Supporting research and analysis for recommendation 9 of the United Nations Commission on Life-Saving Commodities; assisting with research and synthesis of Phase I findings of the Nigeria ICT4SOML Initiative

Former Client: UNICEF [via mHELP (now HealthEnabled)]
Project: Evaluation of UNICEF's M-iCCM tool and implementation in Homa Bay, Kenya

Former Client: Malaria No More
Project: White paper on mHealth opportunities to combat malaria
- 9/2012 – 5/2013 **Department of Biomedical Informatics at Columbia University**, Project Advisor
Assisted the interdisciplinary team in the design, implementation and evaluation of the Ethiopia Federal Ministry of Health's national Mobile Health Roadmap Project and helped oversee and support the research and evaluation activities
- 10/2011 – 9/2012 **Earth Institute at Columbia University**, Research and Evaluation Coordinator of the Electronic Health Program
Oversaw and supported the day-to-day functioning and operations of the electronic health program, focusing on program management, research and evaluation activities
- 7/2010 – 10/2011 **Earth Institute at Columbia University**, Mobile Health Program Coordinator
Provided programmatic and administrative support to mobile health team, including involvement in research activities; assisting with grant writing; working with team to draft and submit publications
- 1/2009 – 7/2010 **Earth Institute at Columbia University**, Mobile Health Intern
Assisted Director of Strategic Application of Mobile Technology for Public Health and Development, Center for Global Health and Economic Development
- 6/2009 – 8/2009 **Millennium Villages Project**, Mobile Health Intern
Helped set-up mHealth program in Zomba, Malawi
- 6/2008 – 8/2008 **Malawi College of Medicine-Johns Hopkins University Research Project**, Intern
Provided administrative support to a Project Coordinator of a randomized controlled trial exploring various ARTs for PMTCT of HIV; cleaned data

ADDITIONAL PROFESSIONAL EXPERIENCE

- 2013–2014, 2016 **Innovations in Global Health [Undergraduate Course]**, Faculty
Help teach and mentor students as part of the Harvard Summer Program's course on Innovations in Global Health, based in Kisumu, Kenya. The rigorous course provides an overview of global health and has a practical component.
- 1/2014 – 5/2015 **American Medical Association's Journal of Ethics**, Theme Issue Editor
Oversaw and coordinated the publication of the May 2015 issue on physician-patient relationships, inspired by the JAMA piece on "Crossing Boundaries" by Dr

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Gordon Schiff. The American Medical Association (AMA) Journal of Ethics (formerly, Virtual Mentor) is a monthly online publication, indexed in PubMed.

- 2/2011 – 5/2011 **Children in Crisis [Graduate Course]**, Teaching Assistant
Helped re-develop and implement the curriculum for the Children in Crisis course at the Johns Hopkins Bloomberg School of Public Health. The course is focused on providing tools on how to approach working with vulnerable youth.
- 10/2009 – 5/2010 **Lang Youth Medical Program**, 11th Grade Program Advisor
Co-developed and taught Global Health Curriculum
- 9/2007 – 5/2008 **Academic Resource Center, School of General Studies, Columbia University**
French Tutor to first-year French students
- 6/2007 – 8/2007 **Sean Tracey Associates**, Summer Intern
Advertising internship where duties included creative development and research
- 6/2007 – 8/2007, 6/2006 – 8/2006 **Maine Medical Center Research Institute (MMCRI), Spicer Lab, Student Researcher**
Conducted breast cancer research
- 9/2007 – 12/2009 **Office of Disability Services, Columbia University**, Note-Taker and Proctor
- 9/2006 – 5/2009 **Columbia University Visitors Center**, Tour Guide and Receptionist

PROFESSIONAL DEVELOPMENT

Computer Skills

Windows OS, MacOS, Microsoft Office Suite, STATA, NVivo, LiST, UCINET, R

Languages

English, French (proficient)

Volunteer

Malawi Collaboration Volunteer, GO! Palliative Care Initiative, (2013-Present)
Regional Chapter Mentor, Physicians for Human Rights National Student Advisory Board (2014-2015)
Co-President, Tufts Physicians for Human Rights (2013-2014)
Class Curriculum Committee Representative, Tufts University (2012-2014)
Co-Moderator, mHealth Student Group, *Hosted online as a Google Group*
Student Advisor, Johns Hopkins mHealth Student Group (2011-2012)
Social Media Chair, Johns Hopkins mHealth Student Group (2011-2012)
Advisor to African Public Health Network (APHN), Johns Hopkins (2011-2012)
Fundraising Coordinator, APHN, Johns Hopkins (2010-2011)
American Cancer Society, Colleges Against Cancer (2007-2010)

Memberships

mHealth Expert Learning Program (mHELP) Expert Network [**Member**], mHealth Student Group [**Co-founder**], West African Health Informatics Fellowship Program (WAHIFP) [**Advisory Board Member**], American College of Physicians [**Member**], American Medical Association [**Member**], American Academy of Family Physicians [**Member**], Association for Clinical and Translational Science [**Member**]

PUBLICATIONS

Academic Publications

Kaonga N. (2020). *Strengthening the evidence base for telehealth for abortion service delivery*. JMMC, 2(2): Article 16. Available from:
<https://knowledgeconnection.mainehealth.org/jmmc/vol2/iss2/16>.

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Kaonga N and Fitzgerald T (2020). *Lessons from an evidence-based medicine exploration: when transparency and sensitivity (analyses) can change the take-home message*. JMMC, 2(2): Article 17. Available from: <https://knowledgeconnection.mainehealth.org/jmmc/vol2/iss2/17>.

Murthy N et al (2020). *Effects of an mHealth voice message service (mMitra) on maternal health knowledge and practices of low-income women in India: findings from a pseudo-randomized controlled trial*. BMC Public Health, 20(1): 820. Available from: <https://pubmed.ncbi.nlm.nih.gov/32487065/> [Co-author]

Murthy N et al (2019). *The impact of an mHealth voice message service (mMitra) on infant care knowledge and practices among low-income women in India: findings from a pseudo-randomized controlled trial*. Maternal and Child Health, 23(12): 1658-1669. Available from: <https://pubmed.ncbi.nlm.nih.gov/31584144/> [Co-author]

Kaonga N and Morgan J (2019). *Common themes and emerging trends for the use of technology to support mental health and psychosocial well-being in limited resource settings: a review of the literature*. Psychiatry Research, 281: 112594. Available from: <https://pubmed.ncbi.nlm.nih.gov/31605874/>

Meachael P, **Kaonga N** et al (2019). *The elusive path towards measuring health outcomes: Lessons learned from a pseudo-randomized controlled trial of a large-scale mobile health initiative*. JMIR mHealth uHealth, 7(8): e14668. Available from: <https://pubmed.ncbi.nlm.nih.gov/31436165/> [Co-author]

Kaonga N et al (2018). *Content Guidance for Mobile Phone Short Message Service (SMS)-Based Antiretroviral Therapy Adherence and Appointment Reminders: A Review of the Literature*. AIDS Care. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/30497271> [Co-First Author]

Sarma, S et al (2018). *Effectiveness of SMS Technology on Timely Community Health Worker Follow-Up for Childhood Malnutrition: A Retrospective Cohort Study in sub-Saharan Africa*. Global Health Science and Practice, 6(2): 343-353. Available from: <https://doi.org/10.9745/GHSP-D-16-00290> [Co-author]

Kaonga N et al (2016). *Information and Communication Technology for Child Protection Case Management in Emergencies: An Overview of the Evidence Base*. Procedia Engineering, 159(2016): 112-117. Available from: <http://dx.doi.org/10.1016/j.proeng.2016.08.133>

Kaonga N, ed. *Observing Professional Boundaries*. AMA Journal of Ethics, May 2015, 17(5): 407-485. Available from: <http://journalofethics.ama-assn.org/2015/05/ctrb1-1505.html> [Theme Issue Editor]

Mookherji S et al (2015). *Unmet Need: Improving mHealth Evaluation Rigor to Build the Evidence Base*. Journal of Health Communication: International Perspectives. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26042660> [Co-author]

Kaonga N et al (2013). *Mobile phones and social structures: an exploration of a closed user group in rural Ghana*. BMC Medical Informatics and Decision Making, 13: 100. Available from: <http://www.biomedcentral.com/1472-6947/13/100/abstract>

Kaonga N et al (2013). *Using Social Networking to Understand Social Networks: An Analysis of a Mobile Phone Closed User Group Used by a Ghanaian Health Team*. Journal of Medical Internet Research, 15(4): e74. Available from: <http://www.jmir.org/2013/4/e74/>

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Mechael P et al (2012). *Capitalizing on the Characteristics of mHealth to Evaluate Its Impact*. Journal of Health Communication, 17: 62-66. Available from: <http://www.tandfonline.com/doi/abs/10.1080/10810730.2012.679847> [Co-author]

Mechael P, **Kaonga N**, and Rodriguez-Wong, D (2012). *Empowering Women through Mobile Technology – We need to do more*. Consilience: The Journal of Sustainable Development. [Co-author]

Puri J et al. *A Study of Connectivity in Millennium Villages in Africa*. Conference Proceedings, ICTD 2010 in London. [Co-author]

Book Chapters

Ahn R, **Kaonga N**, Yasin F, Burke T (2015). *Technologies in Global Health*. Chapter 35 in B. Nelson (Ed.) *Essential Clinical Global Health*. West Sussex: Wiley & Sons. Available from: <http://www.wiley.com/WileyCDA/WileyTitle/productCd-EHEP003233.html> [Co-author]

Kwan A, Mechael P and **Kaonga N** (2012). State of Behavior Change Initiatives and How Mobile Phones are Changing It. In J. Donnor & P. Mechael (Eds.), *mHealthy Behaviors*. London: Bloomsbury Publications. Available from: <http://www.bloomsbury.com/us/mhealth-in-practice-9781780932293/> [Co-author]

Reports and White Papers

Information and Communication Technology for Child Protection Case Management in Emergencies: A Framework for Design, Implementation and Evaluation. Prepared for UNICEF, UNHCR and ICRC, 2016, Available from: https://www.unicef.org/protection/files/ICTs_for_Child_Protection_Case_Management_Research_HealthEnabled.pdf [Lead Author]

Batavia H and **Kaonga N** (2014). *mHealth Support Tools for Improving the Performance of Frontline Health Workers: An Inventory and Analytical Review*. Washington, D.C.: mHealth Alliance, 2014, Available from: <http://www.mhealthalliance.org/images/content/publications/1822-Inventory-and-Landscape-Report-v6-JH-screen-spreads.pdf> [Co-author]

Mechael P et al (2010). *Barriers and Gaps Affecting mHealth in Low and Middle Income Countries: A Policy White Paper*. Washington, D.C.: mHealth Alliance, 2010, Available from: http://www.globalproblems-globalsolutions-filed.orgs/pdfs/mHealth_Barriers_White_Paper.pdf [Co-author]

Other Publications

Kaonga N and Cohen GM (2016). *It's Not Business as Usual with Women's and Children's Health*. NextBillion Health Care, published 20 October 2016. Available from: <https://nextbillion.net/its-not-business-as-usual-with-womens-and-childrens-health/>

Kaonga N and Haynes L (2016). *Addressing the data deficits that hold back health care systems*. Devex, published 15 September 2016. Available from: <https://www.devex.com/news/addressing-the-data-deficits-that-hold-back-health-care-systems-88715>

Kaonga N (2015). *Digital Health in Demand Generation for RMNCH: A toolkit for how to use digital technologies to increase awareness and interest in Reproductive, Maternal, Neonatal and Child Health (RMNCH) products and services*. Prepared by HealthEnabled for the United Nations Commission on Life-Saving Commodities. Available from: www.healthenabled.org/resources/demand_generation_rmncd.pdf,

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<http://sbccimplementationkits.org/demandrmnch/ikitresources/digital-health-in-demand-generation-for-rmnch-a-toolkit-for-how-to-use-digital-technologies-to-increase-awareness-and-interest-in-reproductive-maternal-neonatal-and-child-health-products-and-servic/> and <http://www.lifesavingcommodities.org/digital-health-in-demand-generation-toolkit/>.

Kaonga N (2015). *Digital Health RMNCH Toolkit: An introduction to how digital health can support the Commodities Commission's recommendations*. Prepared by HealthEnabled for the United Nations Commission on Life-Saving Commodities. Available from:

www.healthenabled.org/resources/digital_health_rmnch.pdf,
<http://sbccimplementationkits.org/demandrmnch/ikitresources/digital-health-rmnch-toolkit-an-introduction-on-how-digital-health-can-support-the-commodities-commissions-recommendations/>
and <http://www.lifesavingcommodities.org/digital-health-rmnch-toolkit/>.

Kaonga N, Mtegha G and Radon J. *On current mining practices in Malawi*. The Daily Times [Malawi], published 27 February 2015.

Kaonga N and Radon J (2015). *Uranium mining, health and politics*. The Nation [Malawi], published 6 February 2015.

Kaonga N and Mechael P (2011). *Small Innovations for a Big Problem*. CSIS, *Smart Global Health.org*. Available from:
<http://www.smartglobalhealth.org/blog/entry/small-innovations-for-a-big-problem/>

PRESENTATIONS

Kaonga N and Morgan J (2019). *eMental Health and ePsychosocial Support*. Psychosocial Support Forum, 27-29 August 2019, Windhoek, Namibia.

Kaonga N et al (2016). *Information and Communication Technology for Child Protection Case Management in Emergencies: An Overview of the Evidence Base*. Humanitarian Technology, 7-9 June 2016, Cambridge-Boston, M.A., U.S.A.

Kaonga N et al (2016). *HIV Medication Adherence in Namibia: The Potential for an Early Intervention*. Tufts CTS Symposium, 20 May 2016, Boston, M.A., U.S.A.

Kaonga N et al (2016). *Content Guidance for SMS-Based HIV Anti-retroviral Therapy Reminders*. ACTS, 13-15 April 2016, Washington, D.C., U.S.A.

Kaonga N et al (2015). *The cyclical impact of commodities in the uptake and use of digital health tools*. mHealth Summit 2015, 8-11 November 2015, Washington, D.C., U.S.A.

Kaonga N et al (2013). *Using Social Network Analysis Methods to Map Ghanaian Community Health Team Interactions in Mobile Phone Closed User Groups*. Medicine 2.0, 15-16 September 2014, Boston, M.A., U.S.A.

Carlo C, **Kaonga N**, Kodie R, Velez O and Kanter AS (2012). *A Communicative Landscape of Health Information Needs for Malaria Management in the Millennium Villages Project in Bonsaaso, Ghana*. AMIA 2012, 3-7 November 2012, Chicago, I.L., U.S.A.

Kanter AS et al (2012). *The OASIS II Research Project: Evaluating a Sub-Saharan Africa eHealth Architecture*. AMIA 2012, 3-7 November 2012, Chicago, I.L., U.S.A.

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Kaonga N and Kanter AS (2012). *eHealth in MVP: Lessons Learned from Implementation Across Sub-Saharan Africa*. Virtual Presentation to Health IT & mHealth Innovations Conference, 18-19 April 2012, Cairo, Egypt. (http://healthitegypt.com/?page_id=402)

Kaonga N (2011). *MVP mLearning for CHWs*. mHealthEd 2011 at the GSMA-mHealth Alliance mHealth Summit 2011, 6-9 June 2011, Cape Town, South Africa. (http://www.youtube.com/watch?v=Z6nzth_SxqU)

Mechael P et al (2010). *Making mHealth a Reality: Findings and recommendations from the White Paper "Barriers and gaps affecting mHealth in low and middle income countries*. mHealth Summit 2010, 8-10 November 2010, Washington, D.C., U.S.A.

Nemser B et al (2010). *Evaluating the Impact of Health Information Technology Applied to Clinics and Communities: The Millennium Global Village-Network*. mHealth Summit 2010, 8-10 November 2010, Washington, D.C., U.S.A.

ACADEMIC AWARDS

- 5/2019 **Dr John T. Batal Prize**, Recipient
Awarded to a 4th year medical student who has flourished during his or her clinical years.
- 5/2019 **Medical Class of 1928 Award in Anatomy**, Recipient
Awarded to a 4th year medical student who has demonstrated outstanding work in the course of anatomy.
- 9/2018 **Honos Civicus Society**, Inductee
Recognizes 4th year medical students who have demonstrated exceptional commitment to community service and civic engagement.
- 3/2018 **ACOG District 1 John Gibbons Student Award**, Recipient
Recognizes the recipient's interest in OB/GYN and achievements in medical training to-date.
- 5/2010 **Columbia University's Campus Life Leadership Award**, Recipient
Awarded to student whose participation and involvement in undergraduate campus life at Columbia have enhanced the spirit of student life on campus.
- 5/2010 **Columbia University's Edward S. Brainard Memorial Prize**, Finalist
Annual prize is awarded to senior who is judged by classmates to be most worthy of distinction for qualities of mind and character.
- 5/2010 **Columbia University Office of Multicultural Affairs**, Graduation Cord Recipient
Awarded to graduating seniors who have shown commitment to diversity, social justice and multiculturalism and demonstrated leadership, dedication and community involvement.
- 9/2006 – 2/2010 **Columbia University Named Scholarship**, Anthony Viscusi Scholar
An honorary award that acknowledges recipient's academic and social accomplishments.

OTHER INTERESTS

Malawian culture and advocacy work; French culture and language; travel; cooking; reading; writing (fiction); yoga; mindfulness and meditation; exploring and listening to music from around the world.

REFERENCES

References available upon request.