

JULIET NABBUYE SEKANDI

Global Health Institute, College of Public Health
Wright Hall, Room 102B
100 Foster Road, Athens, GA 30602

EDUCATION

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|---|----------------------------------|
| University of Georgia
Doctor of Public Health, DrPH
<i>Concentration: Epidemiology</i> | Athens, GA- Dec, 2013 |
| Case Western Reserve University,
Masters of Science, MS
<i>Concentration: Health Services Research & Epidemiology</i> | Cleveland, OH- May, 2006 |
| Mbarara University of Science and Technology, Uganda
Degree in Human Medicine & Surgery, MBChB | Mbarara, Uganda- Feb 1996 |
| University of Georgia,
Post-doctoral Fellowship
<i>Focus: TB patients' diagnostic pathways and mHealth</i> | Athens, GA- 2014-2016 |
| Harvard University, T Chan School of Public Health
Certificate in Global Health | Boston, MA -2016 |
| NIH Fogarty mHealth Institute,
Certificate in mHealth Research | Bethesda, MD- 2016 |
| Harvard University
Fellowship in Health Services Research Methods | Boston, MA -2007 |

EMPLOYMENT HISTORY

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| 08/2016- Present | <i>Assistant Professor, Global Health Institute & Dept. of Epidemiology, College of Public Health, University of Georgia</i> |
| 01/ 2014- 07/ 2015 | <i>Post-doctoral research and teaching fellow, Dept. of Epidemiology, College of Public Health, University of Georgia</i> |
| 01/2014-07/2015 | <i>Senior Lecturer, Makerere University School of Public Health, Kampala, Uganda [on study leave]</i> |
| 02/2011– 12/2013 | <i>Assistant Lecturer, Makerere University School of Public Health, Kampala, Uganda</i> |

01/2008 – 12/2009	<i>Academic Coordinator</i> , Masters of Health Services Research Program, Makerere University School of Public Health, Kampala, Uganda
09/2006-12/2007	<i>Curriculum development coordinator</i> , Master of Health services research program
08/2003-07/2004	<i>Research Clinician</i> , Wellcome Trust Multidrug Resistant TB & HIV Outcomes Study, Makerere University –University of Medicine and Dentistry of New Jersey Research Collaboration, Kampala, Uganda
06/2000-07/2003	<i>Team lead & Research Clinician</i> , Cohort Study on Effect of Contraceptives on HIV Acquisition Study, Makerere University – Case Western Reserve University Collaboration, Kampala, Uganda
08/1997-05/2000	<i>Medical Officer</i> , in Charge of Outpatient Services & TB/HIV Clinics, Entebbe General Hospital, Uganda
04/1996-03/1997	<i>Resident Intern Doctor</i> , Obstetrics/gynecology and Internal Medicine, St. Francis Hospital, Nsambya Uganda

TEACHING EXPERIENCE

Graduate Courses

Fall 2017 & 2018, Spring 2018 & 2019	<i>Instructor</i> , Foundations of Global Health, University of Georgia
Summer 2016	<i>Instructor</i> , Introduction to Epidemiology, University of Georgia
2009, 2012 & 2014	<i>Instructor</i> , Cost-effectiveness Analysis in Healthcare, Makerere University School of Public Health
2012	<i>Instructor</i> , Scientific Writing Course, Makerere University School of Public Health
2008-2010	<i>Co-Instructor</i> , Introduction Epidemiology, Makerere University School of Public Health
2008-2010	<i>Co-Instructor</i> , Introduction Health Services Research Methods, Makerere University School of Public Health
2008-2010	<i>Instructor</i> , Health Care Quality, Makerere University School of Public Health

Undergraduate Courses

2015-2016	<i>Instructor</i> , Introduction to Global Health, University of Georgia
2015-2019(Fall, Spring Summer)	<i>Instructor</i> , Introduction to Global Health Online, University of Georgia
2015-2016	<i>Instructor</i> , Global Health: The Links Between Culture, Food, and Health, University of Georgia
2013 Spring	<i>Co-Instructor</i> , Fundamentals of Epidemiology, University of Georgia

2006-2009 *Co-Instructor*, Introduction to Epidemiology for Environmental Health Sciences (BEHS) and 5th year Medical Students, Makerere University

AWARDS, HONORS & FELLOWSHIPS

2004 -2006 NIH Fogarty International Training Scholarship Award, Case Western Reserve University, Cleveland, OH
2006 Best Graduate Research Award, Department of Epidemiology, Case Western Reserve University
2006 Travel Award, International Union against TB Conference, Paris, France
2008 Travel Award, International Union against TB Conference, Paris, France
2007 Harvard Leadership Training Scholarship, Makerere University School of Public Health
2010 - 2013 NIH Fogarty International Training Scholarship Award, University of Georgia
2012 NIH- Office of Behavioral Social Science Research Scholarship Award
2015 Travel Award, International Union against TB Conference, Cape Town, South Africa
2016 NIH Fogarty Mobile Health Training Scholarship Award
2016 Delta Omega Honors Society of Public Health Award
2018-2020 Lilly Teaching Fellows' Award at University of Georgia
2019 Travel Award to NIH Regional Seminar by University of Georgia Office of Vice President for Research

RESEARCH EXPERIENCE

Peer-reviewed publications * denotes graduate student or research mentee co-author

1. **J. N. Sekandi**, D. Neuhauser, K. Smyth, C.C Whalen. Active Case Finding of Undiagnosed Tuberculosis among chronic coughers in a slum setting community in Kampala, Uganda. *Int J Tuberc Lung Dis*, 2009, 13(4):508-513
2. Liu C, Babigumira J, Katamba A, Litvak I, Miller L, Namagembe I, **Sekandi J**, Seicean A, Seicean S, Neuhauser D. Finding the best examples of healthcare quality improvement in Sub-Saharan Africa. *Quality & Safety of Health Care*. 2010 Oct;19(5):416-9
3. Tweheyo R*, Konde-Lule J, Tumwesigye NM, **Sekandi JN**. Male partner attendance of skilled antenatal care in peri-urban Gulu district, Northern Uganda. *BMC Pregnancy Childbirth*. 2010 Sep 16; 10(1):53.
4. **Nabbuye-Sekandi J**, Okot-Chono R, Rusen ID, Dlodlo RA, Katamba A, Tumwesigye NM, Fujiwara PI. Factors Associated with HIV testing among TB patients receiving treatment at health facilities in Uganda. *Int J Tuberc Lung Dis*. 2010 Jul; 14(7):896-902.
5. Olivia Namusisi, **Juliet N. Sekandi**, Simon Kasasa, Peter Wasswa , Nicholas Kamara , Bitekyerezo Medard , Sheba N. Gitta , David Mukanga. Risk Factors for Non-

Communicable Diseases in Rural Uganda: A Pilot Surveillance Project among Diabetes Patients at a Referral Hospital Clinic. *Pan African Medical Journal* 2011 Nov.

6. Irene B Kizza, Joshua Tugumisirize, Raymond Tweheyo, Speciosa Mbabali, Arabat Kasangaki, Edith Nshimye, **Juliet Sekandi**, Sara Groves, Caitlin E Kennedy. Makerere University College of Health Sciences' role in addressing challenges in health service provision at Mulago National Referral Hospital. *BMC International health and human rights* 2011, 11(Suppl 1):S7
7. **J. Nabbuye-Sekandi**, F. Makumbi, A. Kasangaki, I.B Kizza, J. Tugumisirize, E. Nshimye, S. Mbabali, F. Makumbi, D. Peters. Patient Satisfaction with outpatient care at Mulago Hospital, Uganda. *International Journal for quality in health care*. July 2011; 23(5): 516-532
8. **Sekandi JN**, Sempeera H, List J*, Mugerwa MA, Asimwe S, Yin X, Whalen,CC. High Acceptability of Home-based HIV Counseling and Testing in an Urban Community Setting in Uganda. *BMC Public Health* 2011, 11: 730
9. Sawsan Elbireer *, David Guwatudde, Peter Mudiope, **Juliet Nabbuye-Sekandi**, Yukari C. Manabe. Tuberculosis treatment default among HIV-TB co- infected patients in urban Uganda. *Trop Med Int Health*. 2011 Aug; 16(8): 981-987
10. **Juliet Nabbuye Sekandi**, Hassard Sempeera*, Justin List*, Christopher Whalen. Missed opportunity for tuberculosis case detection in household contacts in a high burden setting. *The Pan African Medical Journal*. 2012 May; 12:8
11. E. Mupere, N. K. Schiltz, E. Mulogo, A. Katamba, **J. Nabbuye-Sekandi**, M. E. Singer. Effectiveness of active case-finding strategies in tuberculosis control in Kampala, Uganda *Int J Tuberc Lung Dis*. 2013 Jan; 17(2):207–213
12. Lilian Bulage *, **Juliet Sekandi**, Omar Kigenyi, Ezekiel Mupere. The Quality of Tuberculosis Services in Health Care Centres in a Rural District in Uganda: The Providers' and Clients' Perspective *Tuberculosis Research and Treatment*, 2014, Article ID 685982
13. Ronald Anguzu *, Raymond Tweheyo, **Juliet N. Sekandi**, Vivian Zalwango, Christine Muhumuza, Susan Tusiime, David Serwadda. Knowledge and attitudes towards use of long acting reversible contraceptives among women of reproductive age in Lubaga division, Kampala district, Uganda *BMC Research Notes* 2014, 7: 153
14. **Juliet N. Sekandi**, Justin List*, Henry Luzze, Xiaoping Yin, Kevin Dobbin, Phaedra S. Corso, James Oloya, Alphonse Okwera, Christopher C. Whalen. The Yield of Undetected Tuberculosis and Human Immunodeficiency Virus from Active Case Finding in Urban Uganda *Int J Tuberc Lung Dis*. 2014 Jan; 18(1):13–19
15. **Juliet N. Sekandi**, Justin List*, Henry Luzze, Xiaoping Yin, Kevin Dobbin, Phaedra S. Corso, James Oloya, Alphonse Okwera, Christopher C. Whalen. In reply to 'Active case

finding for tuberculosis: what is the most informative measure for policy makers?' *Int J Tuberc Lung Dis.* 2014 Mar; 18(3):377-8. doi: 10.5588/ijtld.13.0924-2. No abstract available. PMID:24670580

16. J. Kisambu*, F. Nuwaha, **J. N. Sekandi**. Adherence to treatment and supervision for tuberculosis in a DOTS programme among pastoralists in Uganda *Int J Tuberc Lung Dis.* 2014 Jan; 18(7):10–15
17. **Juliet N. Sekandi**, Sarah Zalwango, Robert Kakaire, Andreas Handel, Leonardo Martinez, Allan K Nkwata, Amara E Ezeamama, Noah Kiwanuka, Christopher C Whalen. Four Degrees of Separation: Social Contacts and Health Providers Influence the Steps to Final Diagnosis of Active Tuberculosis Patients in Urban Uganda, 2015 Aug 21; *BMC Infect. Dis* 15:36
18. **Juliet N. Sekandi**, Kevin Dobbin, James Oloya, Alphonse Okwera, Christopher C. Whalen, Phaedra S. Corso. Cost-Effectiveness Analysis of Community Active Case Finding and Household Contact Investigation for Tuberculosis Case Detection in Urban Africa *PLoS ONE*, 2015; 10(2)
19. Florence N. Kizza*, Justin List, Allan K. Nkwata, Alphonse Okwera, Amara E. Ezeamama, Christopher C. Whalen, **Juliet N. Sekandi**. Prevalence of Latent Tuberculosis Infection and Associated Risk Factors in an Urban African Setting. *BMC Infectious Disease* 2015 15:165
20. Amara E Ezeamama, Ezekiel Mupere, James Oloya, Leonardo Martinez, Robert Kakaire, Xiaoping Yin, **Juliet N Sekandi**, Christopher C Whalen. Age, Sex & Nutritional Status Modify CD4+T-Cell Recovery Rate in HIV/Tuberculosis Co-Infected Patients on cART. *International Journal of Infectious Diseases*, 2015 Jun;35:73-9
21. Mendel OG*, King SK* and **Sekandi JN**. Vaccination Coverage and Sustaining Control of Measles in Africa: A Global Health Perspective. *SM Vaccine Vaccin.* 2015;1(2):1007
22. Henry Nsubuga, **Juliet N Sekandi**, Hassard Sempeera*, Fredrick E Makumbi. Contraceptive Use, Knowledge, Attitude, Perceptions and Sexual Behavior among Female University Students in Uganda: A Cross-sectional Survey, *BMC Women's Health* 2016 16 (6)
23. AE Ezeamama, FN Kizza, SK Zalwango, AN Kizza, **JN Sekandi**, R Kakaire, N Kiwanuka, CC Whalen. Perinatal HIV Status and Executive Function During School-Age and Adolescence: A Comparative Study of Long-Term Cognitive Capacity Among Children from a High HIV Prevalence Setting, *Medicine* 95(17): e3438 March 2016
24. Zalwango SK, Kizza FN, Nkwata AK, **Sekandi JN**, Kakaire R, Kiwanuka N, Whalen CC, Ezeamama AE. Psychosocial adjustment in perinatally human immunodeficiency virus infected or exposed children- a Retrospective Cohort Study *J Int AIDS Soc.* 2016 Jun 23;19(1):20694.

25. Martinez L, **Sekandi JN**, Castellanos ME, Zalwango, S, Whalen CC. Infectiousness of HIV Seropositive Tuberculosis Patients in a High-burden African Setting – Am J Respir Crit Care Med. May 2016
26. Caroline Agaro*, Jolly Beyeza-Kashesya, Peter Waiswa, **Juliet N. Sekandi**, Suzan Tusiime, Ronald Anguzu, Elizabeth Ekirapa-Kiracho. The conduct of maternal and perinatal death reviews in Oyam District, Uganda: A descriptive Cross-sectional study BMC Women’s Health. 2016 Jul 14; 16:38.
27. Martinez L*, Xu L, Chen C, **Sekandi JN**, Zhu Y, Zhang C, Whalen CC, Zhu L. Delays and Pathways to Final Tuberculosis Diagnosis in Patients from a Regional Hospital in Urban China. Am J Trop Med Hyg. 2017 May;96(5):1060-1065.
28. **Nkwata AK***, Zalwango SK, Kizza FN, **Sekandi JN**, Mutanga J, Zhang M, Musoke PM, Ezeamama AE. Quality of Life Among Perinatally HIV-affected and HIV-unaffected School-aged and Adolescent Ugandan children: A Multidimensional Assessment of Wellbeing in the post-HAART Era. Qual Life Res. 2017 Sep;26(9):2397-2408. doi: 10.1007/s11136-017-1597-2. Epub 2017 May 22.
29. Fung IC, Jackson AM, Ahweyevu JO*, Grizzle JH*, Yin J, Tse ZTH, Liang H, **Sekandi JN**, Fu KW. #Globalhealth Twitter Conversations on #Malaria, #HIV, #TB, #NCDs and #NTDs: A Cross-Sectional Analysis. Ann Glob Health. 2017 May - Aug;83(3-4):682-690.
30. **Sekandi JN**, Zalwango S, Nkwata AK*, Martinez L*, Kakaire R*, Mutanga JN*, Whalen CC, Kiwanuka N. Low Prevalence of Tuberculin Skin Test Boosting Among Community Residents in Uganda Am J Trop Med Hyg. 2018 Feb;98(2):379-381.
31. Anguzu, R*, Sempeera, H*, & **Sekandi, J. N.** (2018). High parity predicts use of long-acting reversible contraceptives in the extended postpartum period among women in rural Uganda. *Contraception and Reproductive Medicine*, 3(1).
32. Lauren M. Schwartz, Jane Mutanga*, Robert Kakaire*, Paula Davis-Olwell, Andreas Handel, **Juliet Sekandi**, M. Elizabeth Halloran, Noah Kiwanuka, Sarah Zalwango, Christopher C. Whalen. Validation of a pictorial survey tool to measure time-use in an African urban setting. *Sociological Research & Methods Journal*, 1-16 February 20, 2019
33. Handel, A; Martinez, L; **Sekandi, J**; Bellan, S; Zhu, L; Chen, C; Liu, Q; Donkor, S; Hill, P; Sutherland, J; Gilman, R; Grandjean, L; Whalen, CC. Evidence for Supercoughers in an analysis of six Tuberculosis cohorts from China, Peru, The Gambia and Uganda. *Int J Tuberc Lung Dis*, Accepted June 2019

PRESENTATIONS AT CONFERENCES

1. **Sekandi, J.N.** (2005, August). Active Case Finding of Smear Positive Tuberculosis in a Poor Peri-urban Community in Kampala, Uganda. Oral presentation at the 6th Annual Scientific meeting of the Uganda Society for Health Scientists in Kampala Uganda
2. **Sekandi, J.N,** Whalen. C.C. (2006, March). Active case finding of TB in Slums in Uganda. Poster #64 presented at the 10th Annual Conference of International Union against Tuberculosis and Lung Disease, North American Region, Chicago Illinois
3. **Sekandi J.N** (2006, April). Community TB case finding and field research challenges. Poster presented at the 2nd Annual Department of Epidemiology and Biostatistics and the 4th Annual Research Showcase Poster Exhibition at Case Western Reserve University
4. **Sekandi, J.N.,** Smyth, K., Neuhauser. D, Whalen, CC (2006, October). Active TB case finding and health seeking behaviors in urban Uganda. Poster # PS-61745-03 presented at the 37th Union World TB conference, Paris, France
5. **Sekandi, J.N,** Whalen, CC (2006, August) Case Finding of Tuberculosis in a Setting of High HIV burden: Towards an Integrated Model of TB and HIV Health Care. Poster # MOPE0196 presented at XVI International AIDS conference, Toronto, Canada
7. **Sekandi, J.N,** Luzze, H, Okwera, A., Zalwango, S., Whalen, CC (2007, October) Intensified Case Finding of TB in a High HIV Setting: Implications for Expansion of Integrated TB-HIV Services. Poster discussion # PC-71216-10 presented at the 38th World TB Conference, Cape town, South Africa
8. **Sekandi, J.N,** (2008, November) Assessing Treatment Drop out using Patient cards among TB patients in Kampala. A poster presented at the 39th World TB Conference, Paris, France, November
9. **Sekandi, J.N,** Whalen, CC (2009, June). Community-based case finding of TB and HIV patients in Kampala. An oral presentation at the 10th Annual conference of Uganda society for Health Scientists.
10. **Sekandi, J.N,** Justin List, Hassard Sempeera, Whalen, CC (2010, November). Community-based case finding of TB and HIV patients in Kampala. Poster presentation at the 41st Union World TB conference, Berlin Germany.
11. **Sekandi, J.N,** Hassard Sempeera, Justin List, Micheal Angel Mugerwa, Stephen Asiiimwe, Xiaoping Yin, Whalen, CC. (2011, July) High acceptance of home-based HIV counseling and testing in an urban community setting in Uganda. Presented at the International AIDS Conference, Rome, Italy.
12. **Sekandi, J.N,** Kevin Dobbin, James Oloya, Alphonse Okwera, Christopher C. Whalen, Phaedra S. Corso (2014, November). Household Contact investigation is more cost-effective than community Active case finding in a high TB burden setting in Urban Africa. Presented at 45th Union World TB conference, Barcelona, Spain

13. **Sekandi, J. N**, Sarah Zalwango, Whalen CC, et al (2015, December). Four Degrees of Separation: The Influence of Social and Provider Networks in the Steps to Diagnosis of Active Tuberculosis in Urban Uganda. Oral presentation at the 46th Union World TB conference, Cape Town, South Africa
14. **Sekandi, J.N**, Sarah Zalwango, Whalen CC, et al (October, 2017). Low prevalence of tuberculin skin test boosting among community residents in a high tuberculosis burden setting. Poster Presentation at the 48th Union World TB conference, Guadalajara, Mexico
15. A. Ssebagereka, S. Kisaka, **JN. Sekandi** (October, 2017) A Cost Effectiveness Analysis of Pulmonary Tuberculosis Case Finding Strategies Among High Risk Communities in Kampala, Uganda. Oral Presentation at the 48th Union World TB conference, Guadalajara, Mexico
16. Ronald Anguzu, Hassard Sempeera , **Juliet N. Sekandi** (April, 2017) High parity predicts use of long acting reversible contraceptives among women in the extended postpartum period in Uganda. Poster presentation at 8th Annual CUGH Conference, Washington, D.C
17. Castellanos, M.E, Sarah Zalwango, **Sekandi, J.N**, Whalen CC (October, 2018) Defining adequate contact for transmission of Mycobacterium tuberculosis in an urban African environment. Oral Presentation at the 49th Union World TB conference, The Hague, Netherlands
18. Kakaire, R, **Sekandi, J.N**, Sarah Zalwango, Kiwanuka, N., Whalen CC (October, 2018) Prevalence of latent tuberculosis infection among household and non-household social contacts of tuberculosis cases and their matched controls in an urban African setting. Oral Presentation at the 49th Union World TB conference, The Hague, Netherlands
19. R. Geng, P. J. Davis-Olwell, **J. Sekandi** (March 2018) A Review of Infant Health Outcomes related to Feeding Practices of HIV-Infected Mothers on Antiretroviral Therapy in Low-resource Settings Poster presentation at 9th Annual CUGH Conference, New York City, New York
20. **J. Sekandi**, D. Nakkonde, E. Buregyeya, S. Zalwango, J. Turinawe, S. Aluko, R. Kakaire, Atuyambe, L. (March, 2019) The Promise of Mobile Technology: A Pilot Study of Digital Monitoring to Improve TB Treatment Adherence in a Low-income Setting Poster presentation at 10th Annual CUGH Conference, Chicago, Illinois
21. E. Buregyeya, **J. Sekandi**, S. Zalwango, R. Kakaire, Atuyambe, L. (March, 2019), Perceptions and acceptability of mobile phone video directly observed therapy for tuberculosis patients in Kampala, Uganda: a qualitative study. Poster presentation at 10th Annual CUGH, Conference, Chicago, Illinois

SERVICE: PROFESSIONAL MEMBERSHIP

1998 -Present	Uganda Medical Doctors Association
2000 -Present	Uganda Women Medical Doctors Association
2002- Present	Uganda Society for Health Scientists
2005-2008	Board Member, Health Services Research in Sub-Saharan Africa Working Group
2005-Present	Member, International Union against Tuberculosis and Lung Diseases (IUATLD) & Member of TB and Immigration working group
2006-2008	Member, AcademyHealth for health Services Research (USA)
2009-Present	Member, International AIDS Society
2012-Present	Member, Society for Medical Decision Making
2014-Present	Member, Council of State and Territorial Epidemiologists (CSTE)
2015-Present	Member, Consortium of Universities for Global Health (CUGH)
2016-Present	Selected Member, Delta Omega National Honorary Society in Public Health

SERVICE TO UNIVERSITY

2016- Present	Coordinator, Graduate Global Health Certificate Program
2016- Present	Organizer, Global Health Seminar Series
2016-Present	Diversity and Inclusion Committee member at College of Public Health
2016- Present	Member of Student Affairs Committee, Dept. of Epidemiology
2017- Present	Curriculum and Academic Programs Committee, College of Public Health
2018-Present	Pre-Health Advisory Committee, Office of Vice President for Instruction, University of Georgia
2018-Present	Co-Patron, mHealth at UGA Students Organization

INVITED SEMINARS, LECTURES & PRESENTATION

04/2010	Speaker at the Global Health symposium, University of Georgia “ <i>The Tuberculosis Epidemic in East Africa: Challenges and Opportunities</i> ”.
11/2011	Speaker at the Public Health Impact UGA TV Series on “ <i>Tuberculosis in the United States and in Developing Countries</i> ” https://www.publichealth.uga.edu/news/videos/public-health-impact-tuberculosis
8/2014	Speaker at the University of Georgia’s community conversation on “ <i>The Ebola Epidemic: Clinical, Epidemiological, Ecological and Health Policy Impacts</i> ” by the College of Public Health in Partnership with Athens Regional Hospital. http://onlineathens.com/local-news/2014-09-25/area-doctors-address-community-fears-about-ebola
03/2013 & 02/2014	Epidemiology Graduate Seminar Series: “ <i>Tuberculosis Case Detection: A Critical Step in Effective Control</i> ”.

- 03/2015 Epidemiology Seminar Series: “*Steps to Diagnosis of Tuberculosis Patients: Understanding the Influence of Provider and Social Networks in Urban, Uganda*”.
- 10/2015 MEDLIFE Students Organization at University of Georgia: “*My Journey from a Clinician to a Global Public Health Professional*”.
- 08/2019 PhD Epidemiology Seminar: “*Research and the role of Epidemiologists in Global Health*”.
- 10/2017 & Guest lecture to Medical Students: “*Health System in Developing Countries: Uganda as a Case Study*”
- 10/2018
- 01/2018 Global Health Seminar Series “*Digital Monitoring and Support of TB Treatment Adherence: An mHealth Application*”
- 05/2018 Invited talk at the Centers for Disease Control and Prevention, Global TB Division, “*Active Case Finding of Missing Tuberculosis in Uganda: Implications for TB Control*”
- 11/26/2018 Guest lecture at UGA Biomedical Engineering class: Human Factors in Biomedical Device Design “*The Role of Engineers in Mobile Health*”
- 06/18/2019 Seminar series speaker at Day of Lung Science, Makerere University Lung Institute, “*Digital Technology Monitoring of Adherence to Tuberculosis Treatment Among Patients in Uganda: A Pilot Feasibility Study*”
- 07/22-26/ Speaker at Africa Mobile Health Research Institute in Nairobi, Kenya organized
2019 by Vanderbilt Institute of Global Health, University of Vanderbilt and Moi University, Nairobi Kenya (Upcoming)

SUMMARY OF RESEARCH INTERESTS

1. mHealth (Mobile health) technology-based interventions in the context of delivery of health services with a focus on TB treatment adherence
2. Bioethics and data protection of mobile cellphone data
3. Community active case finding of TB disease, latent TB and TB/HIV coinfection & home-based HIV testing strategies in high burden settings
4. Patients diagnostic pathways and health seeking delays in urban Africa
5. Cost-effectiveness and comparative effectiveness analyses of public health program interventions
6. Maternal health, sexual reproductive health, access to services in underserved populations