

CURRICULUM VITAE

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Citizenship: USA, Sudan, Egypt

SHORT BIOSKETCH (Narrative Report, below)

Wafaie Fawzi, MBBS, MPH, MS, DrPH is a physician and epidemiologist focused on advancing global health research, education, and practice. He is the Richard Saltonstall Professor of Population Sciences, Professor of Nutrition, Epidemiology, and Global Health at Harvard T.H. Chan School of Public Health. Between 2011 and 2018, he served as Chair of the Department of Global Health and Population at Harvard. He established and continues to lead the Nutrition and Global Health Program, an interdepartmental initiative at Harvard where over the past 25 years he sought to strengthen the evidence base for advancing human health and development. He is an elected member of the National Academy of Medicine.

He directed the design and implementation of more than 30 randomized controlled trials and numerous large observational epidemiologic studies of maternal, child, and adolescent health, and major infectious diseases. He furthered understanding of the safety and efficacy of nutritional interventions in the prevention and management of major global health threats and spurred the translation of evidence into policy and programs. His work is published in over 500 original research papers and reviews. Key findings include evidence about the benefits of nutritional supplements to increase survival and immunity among adults and children with infections. He advanced evidence and policies about the safety and benefits of integrated nutritional interventions for pregnant women, infants, and adolescents; and research on the inter-relationships of food systems, climate change, and planetary health.

As a program director and an academic leader, he has convened interdisciplinary teams to establish and foster global health education and advance research and knowledge translation. He led multiple training grants and developed two implementation science initiatives to advance adolescent health in Africa and Asia, and the intersectoral integration of food systems/agriculture, nutrition, and planetary health. He is a founder of the Africa Academy of Public Health, the ARISE (Africa Research, Implementation Science and Education) Network, and CHAN (China Harvard Africa Network). All training efforts aimed to increase the diversity of global health leaders in the US, and enhance the next

generation of public health leaders, particularly in Africa.

He completed his medical training at the University of Khartoum, Sudan, and his Master of Public Health, Master of Science in Maternal and Child Health, and Doctor of Public Health in Epidemiology and Nutrition at Harvard T.H. Chan School of Public Health.

EDUCATION:

2023	Certificate	General Management Program (GMP34) Harvard Business School (January-April 2023)
1992	Dr.P.H.	Doctor of Public Health Harvard University, School of Public Health. Majors: Epidemiology and Nutrition
1991	M.S.	Master of Science in Maternal and Child Health Harvard University, School of Public Health
1989	M.P.H.	Master of Public Health Harvard University, School of Public Health
1986	M.B.B.S.	Bachelor of Medicine and Surgery (equivalent to M.D.) University of Khartoum, Khartoum, Sudan

POSTDOCTORAL TRAINING:

1986-1987	House Officer, Khartoum Teaching Hospital, Khartoum
1987-1988	Medical Officer, Central Military Hospital, Khartoum
1993-1994	Research Fellow, Department of Nutrition, Harvard School of Public Health

LICENSURE:

General Medical Council, Sudan (1986-1996)

ACADEMIC APPOINTMENTS:

1994-1996	Research Associate, Department of Nutrition, Harvard School of Public Health
1996-1998	Assistant Professor of International Nutrition, Harvard School of Public Health
1998-2000	Assistant Professor of International Nutrition and Epidemiology, Harvard School of Public Health
2001- 2006	Associate Professor of International Nutrition and Epidemiology, Harvard School of Public Health

- 2006 - 2008 Professor of Nutrition and Epidemiology, Departments of Nutrition and Epidemiology, Harvard School of Public Health
- 2008 -2011 Professor of Nutrition, Epidemiology & Global Health, Departments of Nutrition, Epidemiology and Global Health and Population, Harvard School of Public Health
- 2011-2018 Chair, Department of Global Health and Population, Harvard T.H. Chan School of Public Health
- 2020-2021 Interim Oppenheimer Faculty Director, Harvard University Center for African Studies
- 1996-date Founder and Director, Nutrition and Global Health Program, Harvard T.H. Chan School of Public Health
- 2011-date Richard Saltonstall Professor of Population Sciences, Professor of Nutrition, Epidemiology and Global Health, Harvard School of Public Health

OTHER PROFESSIONAL POSITIONS:

- 1983-1988 Organizer, Public Health Programs, St. Augustine Catholic Society Khartoum, Sudan
- 1986-1988 Teacher of High School Biology and Physics, Comboni College, Khartoum, Sudan
- 1989-1992 Research Assistant in Nutrition, Harvard School of Public Health
- 1991-1992 Technical Consultant for Child Survival Projects, United States Agency for International Development (USAID), Washington, D.C.
- 1993-2000 Honorary Lecturer in Pediatrics and Child Health, Faculty of Medicine, Muhimbili University College of Health Sciences, University of Dar es Salaam, Tanzania
- 1998-2001 Consultant Epidemiologist, Harvard Institute of International Development, Applied Research on Child Health Project, Cambridge, MA
- 2009-date Founding Board Member, Harvard Affiliate in Tanzania, Africa Academy for Public Health, LLC (AAPH)
- 2013-date Affiliate Faculty, Center on the Developing Child, Harvard University
- 2013-date Co-director, Interdepartmental Concentration (Education), Nutrition and Global Health, HSPH

- 2016-date Member of Steering Committee, Low Cardiovascular Disease Program, HSPH
- 2016-date Member of the Executive Committee, Center for African Studies, Harvard University
- 2016-date Founding Member, Executive Committee Member, China-Harvard-Africa Network (CHAN), Harvard T.H. Chan School of Public Health
- 2022-date Member of Core Team, The Future of Health and Economic Resilience in Africa Initiative (Co-chairs: Professor Mohammed Pate at Harvard and Minister Awa Marie Coll-Seck in Senegal)

CURRENT AND PAST FUNDING:

As a faculty member and program director, Dr. Fawzi obtained research and training grants for more than \$180 million, mainly as Principal Investigator, from the National Institutes of Health, Centers for Disease Control and Prevention, and various foundations. *As a department chair and administrator*, he supported school leadership in obtaining significantly additional funds to advance global health priorities and develop research and training initiatives within Harvard and with partners beyond.

Current Funding:

Research Grants

- 2017-2023 INV-006980 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Demonstrating non-inferiority of a lower dose (500 mg) calcium supplementation during pregnancy for reducing preeclampsia (PE) and neonatal outcomes.
- 2020-2023 INV-016436 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Predictors and consequences of gestational weight gain in LMIC settings.
- 2020-2023 Izumi Foundation, (PI: Wafaie Fawzi) Comprehensive Nutrition and School Garden (CNSG) Project in Dodoma, Tanzania.
- 2020-2024 GDS Services International Limited, (PI: Wafaie Fawzi), Scaling-up high-impact micronutrient supplementation interventions to improve adolescents' nutrition and health in Tanzania and Burkina Faso.
- 2020-2023 2023/1336997 Bill and Melinda Gates Foundation and World Health Organization, (PI: Christopher Sudfeld; Co-Investigator: Wafaie Fawzi), Optimizing place of treatment and antibiotic regimens for young infants presenting with signs of possible serious bacterial infection (PSBI).

- 2022-2023 INV-042771 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Family planning and anemia: an assessment of evidence and opportunities.
- 2020-2024 10-2131-PREFEL-01 Nutrition International, (PI: Goodarz Danaei; Co-investigator: Wafaie Fawzi), Quantifying the impact of selected maternal and child nutritional interventions on non-communicable diseases.
- 2021-2023 OOG-20-005 Fondation Botnar, (PI: Wafaie Fawzi), ARISE Adolescent health surveys: Harnessing longitudinal data and digital technologies to improve adolescent health across sub-Saharan Africa.
- 2021-2024 INV-037672 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Effects of micronutrient supplementation on maternal and infant micronutrient status: secondary analysis for Tanzania, and a systematic review and meta-analysis for low- and middle-income countries.
- 2022-2024 Harvard University President's Office, Motsepe Fund (PI: Wafaie Fawzi), Digital interventions to address malnutrition and food insecurity among adolescents.
- 2022-2024 INV-049467 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Low dose calcium trial: secondary analyses to inform cost-effectiveness and pre-eclampsia definitions.
- 2022-2024 Mahidol University and Rockefeller foundation, (PI: Sabri Bromage; Co-Investigator: Wafaie Fawzi), Building capacity for standardized measurement of diet quality and key nutritional biomarkers for capturing the triple burden of malnutrition as part of population surveys in low- and middle-income countries.
- 2022-2023 INV-042771 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Family planning and anemia: an assessment of evidence and opportunities.
- 2022-2025 INV-025356 Bill and Melinda Gates Foundation and World Health Organization, (PI: Wafaie Fawzi with Yemane Berhane in Ethiopia), Nutritional management of growth faltering in low birthweight, small-for-gestational age, and preterm birth infants
- 2022-2025 INV-042705 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi with Yemane Berhane in Ethiopia), Effectiveness and feasibility of Balanced Energy Protein (BEP) supplements targeting strategies.

- 2023-2026 101095616 Heidelberg University and European Commission, (PI: Till Bärnighausen at Heidelberg University; PI at Harvard: Wafaie Fawzi), Reducing nutrition-related risks of non-communicable diseases in adolescence and youth: From nutrition literacy to fluency.
- 2022-2027 104042 USAID and Tufts University, (PI: Patrick Webb; PI at Harvard: Wafaie Fawzi), Feed the Future Innovation Lab for Food Systems for Nutrition.
- 2023-2028 D-10022071-HU-GMAS-8323984-01 Heidelberg University and German Federal Ministry of Education and Research, (PI: Till Bärnighausen at Heidelberg University; PI at Harvard: Wafaie Fawzi), Design and evaluation of adolescent health interventions and policies in sub-Saharan Africa
- 2023-2028 R01AI175348 NIH/NIAID, (PI: Christopher Sudfeld; Co-Investigator: Wafaie Fawzi), Trial of Zinc Supplements for Young Infants with Clinical Severe Infection in Tanzania.

Training Grants

- 2015-2027 D43TW009775 NIH/FIC, (Multiple PI: Wafaie Fawzi with Chris Sudfeld at Harvard and with Mohammad Bakari and Ferdinand Mugusi in Tanzania), Training Tanzanian Researchers for HIV/AIDS Implementation Science.
- 2017-2027 D43TW010543 NIH/FIC, (PI: Wafaie Fawzi, with Multiple PIs David Hamer at Boston University, Claudia Hawkins at Northwestern University, and DJ Perkins at the University of New Mexico). Launching Future Leaders in Global Health (LAUNCH) Research Training Program– at 21 partner sites across 14 countries in Africa, Asia, and Latin America.
- 2020-2024 D43TW011386 NIH/FIC, (PI: Wafaie Fawzi, with Multiple PI Yemane Berhane), Ethiopia Infectious Disease Research Training Program.
- 2020-2025 R25 MH119857 (PI: Jessica Haberer; subaward PI at HSPH: Wafaie Fawzi), Fostering diversity in the next generation of HIV researchers to improve the HIV continuum of care.
- 2021-2026 U2RTW012140 (PI: Wafaie Fawzi, with Multiple PIs Mosa Moshabela and Henry Mwambi in South Africa, and Till Bärnighausen at Heidelberg University): Research Training on Harnessing Data Science for Global Health Priorities in Africa

Past Research and Training Grants:

- 1992-1997 Thrasher Research Fund, Salt Lake City (Grant # 02808), (PI: Wafaie Fawzi), Vitamin A Supplementation and Childhood Diseases in Tanzania.

- 1993-1997 International Development Research Center, Canada (Grant # 0218), (PI: Wafaie Fawzi), Vitamin A and Childhood Infections.
- 1994-1998 Annual Supplements to D43 TW00004 for support Tanzania-related Research Training, AIDS International Training and Research Program (PI on supplements: Wafaie Fawzi, Overall PI: Max Essex).
- 1996-1998 D43TW00004, Selenium and Zinc status in Relation to HIV Transmission and Progression, AIDS International Training and Research Programs (PI: Wafaie Fawzi, Overall PI: Max Essex).
- 1996-1998 R03MH55451, (PI: Mary C. Smith; Co-Investigator: Wafaie Fawzi), Depression and Progression of HIV in Tanzanian Women.
- 1999 -2003 R01HD37783 (PI: Boris Renjifo; Co-Investigator: Wafaie Fawzi), Analysis of HIV- 1 Recombinants Transmitted Perinatally.
- 1999-2003 World AIDS Foundation, (PIs: Gretchen Antelman and Wafaie Fawzi), Training and Study Effectiveness of Services for Prevention of Vertical Transmission of HIV-1 in Tanzania.
- 2001-2003 Izumi Foundation (PI: Wafaie Fawzi), Basic Access to Services for Infection Control Program in Tanzania.
- 2002-2003 MTCT-Plus Demonstration Site Application, Planning Grant (PI: Ferdinand Mugusi; Co-Investigator: Wafaie Fawzi), Mailman School of Public Health at Columbia University and Consortium of Foundations.
- 2002-2005 K01DK61412 (PI: Kurt Long; Mentor: Wafaie Fawzi). Impact of Vitamin A and Zinc on Diarrheal Disease.
- 2000-2005 R01HD37701, (PI: Wafaie Fawzi), A Trial of Micronutrients and Adverse Pregnancy Outcomes.
- 2000-2006 U01AI48006, (PI: Wafaie Fawzi), Harvard/Tanzania HIV Prevention Trials Unit.
- 2003-2006 R01TW006226 (PI: Maulidi Fataki; Mentor: Wafaie Fawzi), Effect of Zinc Supplementation on Pneumonia in Children.
- 2004-2006 U01AI45551 NIH/NIAID, (PI: Wafaie Fawzi), Nutrition and Tuberculosis among Children.
- 1999-2007 U01AI45551, (PI: Wafaie Fawzi), Nutrition, Immunology, and Epidemiology of TB, Member of NIAID International Collaborations in Infectious Disease Research Network (ICIDR).
- 1999-2007 D43TW01265, (PI: Wafaie Fawzi), International MCH Research and Training Program

- 2005-2008 U01 A1033061, Novel Diagnostic Methods for Pediatric Tuberculosis (PI: Anirban Chatterjee; Co-Investigator: Wafaie Fawzi).
- 2004-2009 R01HD045134, Vitamins, Breastmilk HIV Shedding and Child Health (PI: Eduardo Villamor; Co-Investigator: Wafaie Fawzi).
- 2003-2009 HD43688, (PI: Wafaie Fawzi), Trial of Vitamins among Children of HIV Infected Mothers.
- 2003-2009 R01DA16551, (PIs: Marianna Baum and Richard Marlink; Co-Investigator: Wafaie Fawzi) HIV Disease, Drug Abuse and Nutrient Therapy in Botswana.
- 2003-2010 HD43555, (PI: Wafaie Fawzi), Partnerships on Nutrition and HIV/AIDS Research in Tanzania.
- 2004-2010 TW007013, (PI: Wafaie Fawzi), Informatics Training for Public Health in Tanzania.
- 1994-2011 R01HD32257, (PI: Wafaie Fawzi), Trials of Vitamins in HIV Progression and Transmission. Renewed in 1999 and 2005.
- 2005-2011 Bill and Melinda Gates Foundation, Population Health Metrics Research Consortium Project – (PI: Christopher Murray; Co-Investigator and Lead on Dar es Salaam site: Wafaie Fawzi).
- 2007-2011 R03HD052143, Indo-US Program on Maternal and Child Health and Human Development Research (PI: Chris Duggan; Co-Investigator: Wafaie Fawzi).
- 2004-2012 NIH/FIC: Fogarty Scholars and Fellows, (PI: Sten Vermund, Vanderbilt University; Lead of Tanzania site: Wafaie Fawzi).
- 2004-2012 U51HA02522 Presidents' Emergency Plan for AIDS Relief. Scaling up HIV/AIDS Care and Treatment in Tanzania
- 2008-2012 R25TW007505 Fostering Opportunities for Nutrition and Global Health, (PI: Wafaie Fawzi).
- 2007-2012 R01HD048969, A Trial of Zinc and Micronutrients in Tanzanian Children (PI: Chris Duggan; Co-Investigator: Wafaie Fawzi).
- 2010-2012 Harvard School of Public Health, Women REACH Initiative (Reproductive and Child Health) (PI Wafaie Fawzi).
- 2007-2013 TW007886 (PI: Wafaie Fawzi), Tanzania Infectious Disease Research Training Program.
- 2011-2013 U2GGH000454, (PI: Wafaie Fawzi) MDH Provision of HIV/AIDS Treatment

Services by Local Indigenous in the United Republic of Tanzania under the President's Emergency Plan for AIDS Relief (SHAPE).

- 2007-2014 U01AI069403, (PI: Wafaie Fawzi), MUHAS-Harvard Clinical Trials Unit; Harvard PI, basics 046.
- 2008-2014 R01HD060333, (PI: Wafaie Fawzi), Multivitamins, HAART and HIV/AIDS in Uganda.
- 2009-2014 U01HD061232 (PI: Wafaie Fawzi) Prenatal Iron Supplements: Safety & Efficacy in Tanzania.
- 2009-2014 Neonatal Vitamin A Supplementation Study, Bill and Melinda Gates Foundation and World Health Organization (PI: Wafaie Fawzi)
- 2011-2014 OPP1066203, Biomarkers of gut function and predictors of linear growth and neurodevelopment status among young Tanzanian children (PI: Chris Duggan; Co- Investigator: Wafaie Fawzi).
- 2012-2014 K24HD058795, Patient-oriented Research in Pediatric Diarrheal Diseases (PI: Chris Duggan; Co-Investigator: Wafaie Fawzi).
- 2012-2014 0073-03 Grand Challenges Canada (PI: Wafaie Fawzi), Poverty-related Risk Factors for Child Development and Human Capital: Comparative National and Global Assessment.
- 2009-2015 R01HD057941 (PI: Wafaie Fawzi) Malaria in Pregnancy: Nutrition and Immunologic Effects.
- 2009-2015 U2RTW008254, Fogarty International Center, (PI: Wafaie Fawzi), Tanzania AIDS and TB International Clinical, Operational, and Health Services Research and Training Award
- 2010-2016 USAID, (PI: Patrick Webb; Co-Investigator: Wafaie Fawzi), Nutrition Collaborative Research Support Programs (CRSP), Focus on Africa and Asia.
- 2010-2016 U2GPS001966 CDC, Implementation of Programs for the Prevention, Care and Treatment of HIV/AIDS in the United Republic of Tanzania under the President's Emergency Plan for AIDS Relief (PEPFAR) (PI: Wafaie Fawzi)
- 2013-2016 Harvard Global Health Institute, (PI: Wafaie Fawzi), Forum on Nutrition, Agriculture and Health.
- 2014-2017 OPP1099505 Bill and Melinda Gates Foundation, (PI: Dariush Mozaffarian; Co- Investigator: Wafaie Fawzi), Global Dietary Database: Global Dietary Intakes, Diseases, and Policies among Children, Women, and Men.
- 2015-2017 TW7-13 International Initiative for Impact Evaluation (3ie), (PI: Till Bärnighausen; Co-Investigator: Wafaie Fawzi), Integration of HIV Service

into Community- Based Health Programme in Tanzania.

- 2016-2018 FANRPAN and Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Improving Nutrition Outcomes through Optimized Agricultural Investments (ATONU).
- 2014-2019 234495 University of Bergen, (PIs: Tor Strand and Wafaie Fawzi), Impact of Vitamin B12 on Neurodevelopment and Cognitive Function from Early Life into School Age.
- 2013-2019 R01DK098075 NIH, (PI: Wafaie Fawzi), Trial of Vitamin D in HIV Progression (TOV4).
- 2014-2020 TW007886 NIH/FIC, (PI: Wafaie Fawzi), Tanzania Infectious Disease Research Training Program.
- 2014-2021 R01HD083113 NIH, (PI: Wafaie Fawzi, with Multiple PI Chris Sudfeld), Trial of Vitamin D in Maternal HIV Progression and Child Health (TOV5).
- 2016-2019 IZUMI Foundation, (PI: Wafaie Fawzi), Homestead Agriculture, Nutrition, and Health Project in Rufiji District, Tanzania (HANU).
- 2017-2019 Canadian Grand Challenges, (PI: Honorati Masanja and Chris Sudfeld; Co-Investigator: Wafaie Fawzi), Randomized trial of community health worker delivery of a nutrition and child development intervention in rural Tanzania
- 2016-2020 Bill and Melinda Gates Foundation, World Health Organization, and Children's Hospital Boston, (PI: Christopher Duggan; Co-Investigator: Wafaie Fawzi), Antibiotics for Children with Severe Diarrhea (ABCD).
- 2016-2020 Harvard T.H. Chan School of Public Health and the Harvard Kennedy School (PIs: Wafaie Fawzi and Robert Paarlberg), Walker Study Group for Improving Public Health through Nutrition and Agriculture.
- 2017-2020 ES/R002118/1 UK Economic and Social Research Council, (PI: Wafaie Fawzi), Assessing the impact of the food system on poverty, nutrition and health, and environmental sustainability in urban Ethiopia.
- 2017-2020 OPP1175963 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Global Health Gap Analysis in China and Africa.
- 2017-2020 OPP1179606 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Evaluation of dietary iron intake, anemia, and iron status among men, women, and children in Ethiopia.
- 2018-2020 FHI360 and Bill and Melinda Gates Foundation, (PI: Walter Willett, Co-investigator and Lead of Africa Component: Wafaie Fawzi), Development and Validation of Global Diet Quality Metrics

- 2018-2020 UNICEF New York, (PI: Mary Mwanyika Sando, Africa Academy for Public Health; Co-PI: Wafaie Fawzi), Assessment of school food environments for improving adolescent nutrition in sub-Saharan Africa
- 2019-2020 Dubai Harvard Foundation for Medical Research and Harvard Center for Global Health Delivery, (PI: Wafaie Fawzi), Case-control study of vitamin D status and adult multidrug-resistant pulmonary tuberculosis in Maharashtra, India.
- 2019-2020 Harvard T.H. Chan School of Public Health Incubation Award, (PI: Wafaie Fawzi), Assessing food systems for optimal health and environmental sustainability in Ethiopia.
- 2019-2021 NIH/NIA, The Program on the Global Demography of Aging (PGDA), (Program PI: David Bloom, sub-award PI: Wafaie Fawzi), Folate levels among urban elderly population and risk of cardiovascular disease (CVD): A novel contribution to understanding CVD risk in Africa.
- 2016-2021 AID-OAA-L-10-00005 USAID, (PI: Patrick Webb; PI at Harvard: Wafaie Fawzi), Feed the Future Innovation Lab for Collaborative Research on Nutrition in Africa and Asia.
- 2019-2021 OPP1204850 Bill and Melinda Gates Foundation, (PI: Wafaie Fawzi), Predictors and consequences of gestational weight gain in LMIC settings.
- 2020-2022 Thrasher Research Fund (PI: Donqing Wang, Role: Mentor): Prenatal and Postnatal Vitamin B-12 Supplementation and Breast Milk Status of B-12 in Tanzania.
- 2020-2022 Bill and Melinda Gates Foundation, Harvard Center for African Studies, and HSPH, (PI: Wafaie Fawzi), Rapid monitoring surveys to inform response to the COVID-19 crisis across sub-Saharan Africa.
- 2020-2023 Canadian Institutes of Health Research, (Multiple PI: Wafaie Fawzi, with Kevin Kain and Yatin Dholakia), A Randomized trial to determine the effect of vitamin D and zinc supplementation for improving treatment outcomes among COVID-19 patients in Mumbai, India.

AWARDS AND HONORS:

- 1985 Medical Students Association Prize, University of Khartoum, Sudan
- 1985 Sir Robert Archibald Prize in Community Medicine, University of Khartoum, Sudan
- 1985 Sudanese Society for Preventive and Social Medicine Award
- 1988 Harvard Alumni Scholarship, Boston
- 1990 Harvard Alumni Scholarship, Boston
- 1992 American Institute of Nutrition Travel Award
- 1998 International AIDS Society Young Investigator Award
- 2003-07 Advisory Board, Fogarty International Center, National Institutes of Health

2009	Elected Member, Faculty Council, HSPH
2011	Elected Vice-Chair, Faculty Council, HSPH
2017	Commendation on teaching, Committee on Educational Policy, HSPH
2018	Inaugural International Lecture, Faculty of Population Health Sciences University College London, London, United Kingdom Commendation on teaching, Committee on Educational Policy, HSPH
2020	Harvard T.H. Chan School of Public Health Alumni Award of Merit
2022	Elected Member, National Academy of Medicine

MAJOR PROFESSIONAL SERVICE:

INTERNATIONAL

1998	Review Panel, Proposal on Micronutrients and Malaria in Ghana, Thrasher Research Fund, Salt Lake City, UT.
1998	Study Section to Review Tuberculosis International Training and Research Program, Fogarty International Center, National Institutes of Health.
1998	Planning Committee for Trial for PMPA in Vertical HIV Transmission, University of Alabama at Birmingham and Pediatric AIDS Foundation.
1999	Review Panel, Thrasher Research Fund, Salt Lake City, UT.
1999	Review Panel, Secure the Future Program Proposals, Bristol-Myers Squibb and Elizabeth Glaser Pediatric AIDS Foundation.
1999	Planning Committee for NIH Workshop on Nutrition and Oral Infectious Disease.
1999	Field Site Visit to Zimbabwe to evaluate a large USAID- and CIDA-funded program on Vitamin A and HIV Infection, Johns Hopkins University and University of Zimbabwe, Harare.
2000	Special Emphasis Panel, AIDS International Training and Research Program, Fogarty International Center and National Institute of Allergy and Infectious Diseases.
2000	Review Panel, Committee on Appointments and Promotions at Johns Hopkins University School of Public Health
2001	Planning Workshop on International AIDS Research, Office of AIDS Research, National Institutes of Health.
2001	Special Emphasis Panel, Tropical Medicine Research Centers, NIAID.
2001	Special Emphasis Panel, Fogarty International Center AIDS International

Research and Training Program NIAID.

- 2002 Review Panel, Medical Research Council (UK) Evaluation of WHO guidelines on the role of vitamin A in infection.
- 2002 Special Emphasis Panel, International Research Scientist Development Awards, NIH.
- 2002 Review Panel, Thrasher Research Fund, on Birth weight and parasitic infection in Peru
- 2002 Review, Committee on Appointments and Promotions at Johns Hopkins University Bloomberg School of Public Health
- 2002 Reviewer of proposal for Nederlandse Organisatie voor Wetenschappelijk Onderzoek; NWO (Netherlands Organization for Scientific Research) on micronutrients and infectious diseases in Africa.
- 2002 Reviewer of Report on Malnutrition and Global Burden of Disease
- 2002 Reviewer, Committee on Appointments and Promotions at Joseph L. Mailman Columbia School of Public Health
- 2003 Special Emphasis Panel, Comprehensive International Program of Research on AIDS (CIPRA), NIAID.
- 2001-2004 International Food and Nutrition Forum, Food and Nutrition Board, Institute of Medicine, National Academy of Sciences.
- 2002-2005 Data Safety and Monitoring Board, “Zambian Exclusive Breastfeeding Study”, NICHD, Boston University and University of Zambia, Lusaka.
- 2003-2004 Co-Chair, Technical Advisory Group on Nutrition and HIV/AIDS, World Health Organization, Geneva (with Professor Andrew Tomkins, University of London and Professor Henrik Friis, University of Copenhagen).
- 2003-2006 Data Safety and Monitoring Board, “Zinc, Mental Health and School Performance in Mexico,” NICHD, Emory University and National Institute of Public Health, Mexico.
- 2003-2007 Data Safety and Monitoring Board, Phase III, Multi-site HIV Prevention Trial of VCT, National Institute of Mental Health, Bethesda, MD
- 2005 Review Panel to assess grant applications on global health for the Research Council of Norway.
- 2005-2006 Reviewer, Peer Review Committee, Fulbright Senior Specialists Committee, Council for the International Exchange of Scholars, Washington D.C.

- 2008 Review Panel, Wellcome Trust Program on Micronutrients and Pregnancy Outcomes
- 2014 Special Emphasis Panel, International Collaborations in Infectious Diseases Research, NIH/NIAID
- 2014 Special Emphasis Panel, Global Infectious Disease Research Training Program, NIH
- 2015 Special Emphasis Panel, AIDS International Research Training, NIH
- 2016-2018 Member, Scientific Advisory Board, Institut Pasteur, Paris, France
- 2017-2018 Member, Committee on the Application of Global Harmonization of Methodological Approaches to Nutrient Intake Recommendations for Young Children and Women of Reproductive Age, National Academies of Sciences, Engineering, and Medicine
- 2014-2019 Member, Scientific Advisory Group, icddr,b, Dhaka, Bangladesh
- 2019-2020 Chair, Principal Investigators Council, Global Health Program for Fellows and Scholars, Fogarty International Center, National Institutes of Health
- 2018-2020 International Consultant Committee for Global Public Health, China Centers for Disease Control, Beijing, China
- 2018-2022 DSMC Meeting for MORDOR II Azithromycin Trials in Burkina Faso, University of California San Francisco.
- 2020-2022 Chair, Technical Advisory Group, Exemplars of Drivers of Anemia Change among Women of Reproductive Age, University of Toronto, Gates Ventures and Bill and Melinda Gates Foundation
- 2020-2022 Member, Advisory Panel to Guide Updated Estimates of Global Prevalence of Micronutrient Deficiencies. The Micronutrient Form and Advance Nutrition, USAID
- 2021 Special Emphasis Panel, Global NCD Training Program (D43), NIH
- 2022 Special Emphasis Panel, R34 series, NIAID, NIH
- 2021-2023 Member, Technical Advisory Group (TAG) on Metrics for School Age and Adolescent Nutrition [SAAN], UNICEF, New York

HARVARD

- 1999-2018 Reviewer of Selected Applications to Takemi Program in International Health, HSPH

1999-date	Review of applications to Departments of Epidemiology, Nutrition, and Global Health and Population, HSPH
2000	Member, Distance Learning Working Group, HSPH
2000	Member, Future of Public Health Committee, HSPH
2000	Panelist, Working Overseas: Institutional and Professional Links, HSPH
2000-2001	Member, Journal Distribution to Developing Countries Project, HSPH
2000-2005	Member, Research Ethics Fellowship Advisory Committee (Chair: Richard Cash), HSPH
2001-2004	Member of Advisory Board, AIDS Prevention Program in Nigeria (Chair: Phyllis Kanki), HSPH
2002-2016	Member, Standing Committee on African Studies, Harvard University
2002-2012	Member, Steering Committee of Harvard Global AIDS Programs, HSPH
2002-2003	Member, Committee on Admissions and Degrees, HSPH
2003-2009	Chair, Committee on Admission and Degrees, HSPH
2004-2005	Reviewer, Junior Faculty Sabbatical Program, HSPH
2005-2008	Member, Committee on the Notice of Intent Process Review, HSPH
2005-2015	Member, Dean's Committee on International Projects, HSPH
2007-2009	Board Member, AIDS Prevention Initiative in Nigeria, Ltd., Harvard University
2013-2018	Participant, Ministerial Leadership in Health Forum, Harvard University
2014-2018	PhD in Population Health Sciences Steering Committee, Member
2009-2018	Founding Member, Board Member and Chief Scientific Officer, Management and Development for Health, LLC (MDH), Dar es Salaam, Tanzania
2019-2022	Reviewer, Dean's Fund for Scientific Advancement, HSPH
2023-2026	Member of the Standing Committee on Appointments, Reappointments, and Promotions (SCARP); Representing the Department of Global Health and Population; Harvard T.H. Chan School of Public Health

LANGUAGES:

Arabic: Fluent. Kiswahili: Fair

REPORT OF TEACHING and TRAINEES:

Lead Instructor:

- 2010-2017 Instructor, “Nutrition and Global Health”, SLS19 (Harvard College), with Dr. Christopher Duggan and Dr. Clifford Lo at Children’s Hospital as co-Instructors (~200 students per year).
- 2016-2021 Director, “The Walker Study Group: Systems Change in Nutrition and Agriculture”. Forum for students from the Harvard T. H. Chan School of Public Health and the Harvard Kennedy School, with co-director Dr. Robert Paarlberg (~20 students per year).
- 2000-date Course Director, "Nutrition and Global Health ", ID217 (ongoing yearly course; ~25 students per year).

Co-Instructor/Guest Lectures:

- 1989 Teaching Assistant on Injuries in Developing Countries with Dr. Bernard Guyer, Department of Maternal and Child Health.
- 1999 Guest Lecturer, "The Science of Human Nutrition", NUT202ab. Dr. Clifford Lo, Course Director (one 2-hour session).
- 1999 Guest Lecturer and Chair of Panel on Responsibility of Researchers to the Communities in which they Work "Ethical Issues in International Health Research". Dr. Richard Cash as Course Director.
- 1999 Guest Lecturer, "The Frontiers of Knowledge in HIV/AIDS Prevention, Research, and Care". Dr. Michael Reich, Course Director (one 2-hour session).
- 1999 Co-Director, "Nutrition Problems in Less Developed Countries", NUT210 cd. Dr. MG Herrera, Course Director.
- 2000-2001 Guest Lecturer, "The Frontiers of Knowledge in HIV/AIDS Prevention, Research, and Care". Dr. Saidi Kapiga as Course Director (one 2-hour session).
- 2001 Guest Lecturer “Epidemiology of HIV, Part II”, Dr. George Seage as Course Director (one 2-hour session).
- 2005 Guest Lecturer “HIV/AIDS in Developing Countries: Epidemiological & National Responses”, Dr. Saidi Kapiga as Course Director (one 2-hour session).

- 2008-2009 Guest Lecturer, “Combating Infectious Diseases in the Developing World,” Dr. K. McIntosh, Dr. R. Marlink as Course Directors.
- 2010 Co-Instructor, “Global Nutrition”, NUT217, Dr. Roland Kupka as Course Director
- 2013 Guest Lecturer, “Nutrition Interventions in HIV-infected Children and Adults,” Dr. Till Baernighausen and Dr. Kenneth H. Mayer as Course Directors.
- 2014 Co-Instructor, “Foundations of Global Health and Population”, GHP272, Dr. Rifat Atun as Primary Instructor and Dr. Joel Lamstein as Co Instructor.
- 2016-2017 Co-Instructor, “Critical Thinking and Action for Public Health Professionals”, ID216, “Malaria Module”, with Dr. Dyann Wirth.
- 2018 Guest Lecturer, “Nutrition and Global Health”, SLS19. Dr. Christopher Duggan and Dr. Vasanti Malik as Course Instructors.
- 2019-2021 Guest Lecturer, “Nutrition & Global Health”. NUT217, Dr. Christopher Sudfeld as Course Instructor.
- 2019 Presenter, “Nutrition & Global Health: Major Challenges and Opportunities. NGH Concentration Program, Harvard T.H. Chan School of Public Health

International Training Contributions

- 1993 Instructor, Principles of Epidemiology: Short Course to Residents and Medical Students, Muhimbili University College of Health Sciences, Dar es Salaam, Tanzania
- 2003 Guest Lecturer on Nutrition and Infectious Diseases. Course on Infectious Disease Epidemiology at Tufts School of Medicine, Dr. Jeffrey Griffiths as Course Director (one 2- hour session).
- 2004 Guest Lecturer on Nutrition and HIV/AIDS. Course on Impact of Nutrition on the Immune System and Related Diseases at Tufts School of Medicine, Dr. Simin Meydani as Course Director (one 2-hour session).
- 2007 Guest Lecturer “Nutrition and HIV Infection: Perinatal and Child Outcomes, HIV Disease Progression”, Dr. Simin Meydani as Course Director (one 2-hour session)
- 2001 External Examiner, PhD Candidate Tarik Kassaye, School of Human Nutrition, Faculty of Graduate Studies and Research, McGill, Canada. Thesis Title: Association of vitamin A status and lung function in children

6-9 years of age in Northern Ethiopia

- 2001 External Examiner, PhD candidate CC Jinabhai, Nelson Mandela School of Medicine, University of Natal, South Africa. Thesis Title: The effect of anti-helminthic treatment (Albendazole) and micronutrient supplements (vitamin A and iron or vitamin A alone) on the nutritional, physical health status and scholastic function of primary school aged children in KwaZulu-Natal.
- 2012 External Examine (opponent), PhD candidate Mari Skar Manger, University of Bergen, Norway. Thesis: Micronutrients and Child Health and Development in northern India

Trainees

Post-doctoral Fellows:

Gretchen Antelman (USA), 1995-2003. Nutrition, Psychosocial Issues and Support Services HIV Infection. Current Position: Research Associate, Johns Hopkins University School of Public Health.

Miriam Garland (USA), 1997-2000. Nutrition and HIV Infection. Current Position: Epidemiologist Indiana State Department of Public Health

Inkyung Baik (S. Korea), 1997-1999. Nutrition and Pneumonia among US Men and Women. Current Position: Professor, Kookmin University, Seoul, South Korea.

Jenny Coley (USA), 1997-2000. HIV Epidemiology. Current Position: Consultant Microbiologist

Michele Dreyfuss (USA), 1999-2001. Nutrition and Pregnancy Outcomes. Current Position: Assistant Professor, Johns Hopkins Bloomberg School of Public Health.

Maulidi Fataki (Tanzania), 2001-2002. Nutrition and Maternal and Child Health (HSPH MPH trainee). Current Position: Lecturer in Pediatrics, Muhimbili University, Tanzania

Anwar Merchant (Pakistan) 2001-2003. Nutrition and Infectious Diseases. Current Position: Professor and Director of Epidemiology Division, Department of Epidemiology and Biostatistics, University of South Carolina Arnold School of Public Health

Karim Manji (Tanzania), 2002-2003. Nutrition and Maternal and Child Health (HSPH MPH trainee). Current Position: Professor in Pediatrics, Muhimbili University of Health and Allied Sciences, Tanzania.

Tarik Kaasaye (Ethiopia) 2002-2004. Vitamin A, other micronutrients, and infection in Ethiopia. Current Position: Senior Researcher, Tufts University, USAID-funded project in Addis Ababa, Ethiopia.

Megan O'Brien (USA) 2002-2005. Nutrition in relation to treatment and prevention of HIV

disease. Current Position: Vice President, Global Cancer Treatment, American Cancer Society.

Elmar Saathoff (Germany) 2002-2005. Nutrition and Infectious Diseases. Current Position: Senior Lecturer, University of Munich, Germany.

Eduardo Villamor (Colombia) 2001-2005. Nutrition in relation to wasting, and maternal and child health. Current Position: Professor, Epidemiology, University of Michigan School of Public Health.

Freeman Tich Changamire (Zimbabwe), majoring in Nutrition. Primary Advisor: Karen Peterson. Nutrition Pregnancy Weight Gain and Physical Activity among Women in Tanzania. Current Position: Vice President and Chief Medical Officer, CareFirst BlueCross BlueShield.

Antje Hebestreit (Germany) 2005 – 2006. Nutrition and Infectious Diseases. Current Position: Head of the Lifestyle-Related Disorders Unit, Department of Epidemiological Methods and Etiologic Research at Leibniz Institute for Prevention Research and Epidemiology, Germany.

Kurt Long (USA) 2001-2007. Nutrition and Infectious Diseases. Current Position: Senior Lecturer in International Nutrition, University of Queensland, Australia.

Roland Kupka (Germany), 2004 – 2007. Nutrition and Infectious Diseases. Current Position: Regional Nutrition Advisor, Unicef East Asia and the Pacific Regional Office, Bangkok, Thailand.

Jeffrey Blander (USA) 2005 – 2009. HIV and IT Solutions to Support Drug Discovery. Current Position: Deputy Director for Private Sector Engagement (PSE), U.S. Department of State, Office of the Global AIDS Coordinator.

Catharina Armstrong (USA) 2008- 2009. HIV progression and its relationship to nutrition and metabolic dysfunction. Current Position: Research Fellow.

Saurabh Mehta (India) 2009- 2010. Nutrition, TB and HIV/AIDS. Current Position: Professor of Nutrition and Global Health, Cornell University, Ithaca, New York.

Amara Ezeamama (Nigeria) 2008 – 2013. Understand and quantify the health implications of concurrent mixed helminth infections children residing in tropical developing countries. Current Position: Assistant Professor of Epidemiology, Michigan State University.

Analee Etheredge (USA) 2012 – 2014. Maternal and embryonic one-carbon metabolism gene variants, maternal folate intake and the risk of neural tube defects. Current Position: Senior Research and Evaluation Scientist, NYC Department of Health and Mental Hygiene

Ayesha Sania (Bangladesh) 2013 – 2014. Micronutrients and maternal and perinatal health. Current Position: Associate Research Scientist, Columbia University Mailman School of Public Health

Christopher Sudfeld (USA) 2013 – 2015. Vitamin D and HIV progression and micronutrient supplementation and measles vaccine response in HIV-infected children. Current Position: Associate Professor of Global Health and Nutrition, Department of Global Health and Population, Harvard T.H. Chan School of Public Health

Dana Charles McCoy (USA) 2013 – 2015. Determinants and measurement of early childhood development. Current Position: Associate Professor of Education, Harvard Graduate School of Education

Ajibola Ibraheem Abioye (Nigeria) 2012 – 2016. Analyzing the relationship of nutrition, infectious disease, and maternal and child health outcomes in primary care settings. Current Position: Medical Director, Gennentech.

Ibironke Olofin (Nigeria) 2014 – 2016. Role of low-cost nutritional interventions, including agricultural interventions, in improving health outcomes of individuals in developing countries. Current Position: Postdoctoral Fellow in the Department of Global Health and Population, Harvard T.H. Chan School of Public Health.

Chloe McDonald (Canada) 2014 – 2018. Biomarkers of preterm birth and intrauterine growth restriction, the development of diagnostic tools and the use of micronutrient supplementation to improve birth outcomes. Current Position: Program Officer, Grand Challenges Canada, Ottawa, Canada

Dominic Mosha (Tanzania) 2014 – 2018. Nutrition, infection, and maternal and child health in Tanzania. Current Position: Senior Research Scientist, Africa Academy of Public Health, Tanzania.

Pili Kamenju (Tanzania) 2015 – 2018. Complementary feeding and its relation to diarrhea and acute respiratory infections among children born to HIV-infected mothers in Dar es Salaam, Tanzania. Current Position: Research Associate

Ramya Ambikapathy (USA) 2017- 2019. Nutrition, agriculture and health in Ethiopia. Current Position: Senior Research Associate, Cornell University.

Omar Lweno (Tanzania) 2017-2019. Iron deficiency, micronutrient status and child health. Current Position: Research Scientist, Ifakara Health Institute, Tanzania

Aneth Vedastus (Tanzania) 2017-2019. Nutrition and maternal and child health. Current Position: Research Scientist; Ikakara Health Institute, Tanzania

Goodluck Lyatuu (Tanzania) 2018-2020. Current Position: Director of Programs, Management and Development for Health, Dar es Salaam, Tanzania.

Paschal Ruggajo, (Tanzania) 2018—2020. Current Position: Chair, Department of Internal Medicine, Muhimbili University of Health and Allied Sciences, Tanzania.

Anne Marie Darling (USA) 2016-2021. Gestational weight gain and perinatal and child health; adolescent health and nutrition. Current Position: Epidemiologist, Massachusetts Department of Public Health.

Nandita Perumal (Canada) 2019-2022. Gestational weight gain and perinatal and child health. Current Position: Research Scientist, Institute of Health Metrics and Evaluation, University of Washington, Seattle.

Sabri Bromage (USA) 2021-2022 Global Diet Quality Score, Bangkok, Thailand. Current Position: Research Associate, Department of Nutrition, HSPH

Emmanuel Adebayo (Nigeria) 2021-2022. Adolescent Health in Nigeria. Current Position: Research Fellow, Institute of Child Health, University of Ibadan, Nigeria.

Dongqing Wang (China) 2019-2022. Gestational weight gain and perinatal and child health; adolescent health and nutrition. Current Position: Assistant Professor, George Mason University, USA.

Isabel Madzorera (Zimbabwe) 2019-2022. Food systems/Agriculture, Nutrition, and Planetary Health. Current Position: Assistant Professor, University of California, Berkeley.

Sachin Shinde (India) 2019-present. Research Associate. Adolescent health and nutrition.

Ilana Cliffer (USA) 2021-present Gestational weight gain and perinatal and child health.

Uttara Partap (India) 2021-present Gestational weight gain and perinatal and child health.

Cara Yelverton (Ireland) 2022-present Maternal nutrition and family planning integration.

Janaina Costa (Brazil) 2022-present Gestational weight gain and perinatal and child health.

Doctoral Trainees:

Saidi Kapiga (Tanzania), Major Department: Population and International Health. Thesis Title: Predictors of HIV, CD4+ Lymphocyte Count and Cervical Dysplasia among Women in Tanzania, 1998. Current Position: Professor and Co-Research Director, Mwanza Intervention Trials Unit, STRIVE, London School of Hygiene & Tropical Medicine.

Eduardo Villamor (Colombia), Major Departments: Nutrition and Epidemiology. Thesis Title: Micronutrient Supplements and Anthropometric Status of Pregnant Women and Preschool Children, May 2001. Current Position: Professor, Epidemiology, University of Michigan School of Public Health.

Nuala McGrath (UK), Major Department: Epidemiology. Thesis Title: Predictors of Infant Development and Methodological Issues in HIV-1 Infection, August 2002. Current Position: Professor of Epidemiology and Sexual Health; Wellcome Trust Career Development Fellow, University of Southampton.

Gilda Sedgh (USA), Major Department: Epidemiology. Thesis Title: Fertility, Breastfeeding and HIV-1 Disease Progression among Women in Dar es Salaam, Tanzania, May 2003. Current Position: Principal Research Scientist, Alan Guttmacher Institute, New York, NY

Pravina Venkatesh Kittredge (USA), Major Departments: Nutrition and Immunology and Infectious diseases. Thesis Title: Predictors and Surrogates of Advanced HIV-1 Disease among Women in Dar es Salaam, Tanzania, July 2003. Current Position: Senior Clinical Trial Manager, Genentech.

Mary Bachman (USA): Major Department: Population Sciences and International Health. Thesis Title: Early Child Health and Subsequent Morbidity and Mortality in the Gambia, April 2003. Current Position: Assistant Professor, Boston University School of Public Health

Roland Kupka (Germany), Major Departments: Nutrition and Epidemiology. Thesis Title: Selenium Status in Relation to Maternal and Child Health in Tanzania, November 2004. Current Position: Regional Nutrition Advisor, Unicef East Asia and the Pacific Regional Office, Bangkok, Thailand.

Annamaria Kiure (Tanzania), Major Department: Nutrition. Thesis Title: Breastfeeding among HIV Infected Women in Tanzania: Predictors of Duration and relations to Child Health, April 2004. Consultant on Public Health, Washington, D.C.

Anirban Chatterjee (India), Major Department: Nutrition. Thesis Title: Maternal and Child Predictors of Health Among Children Born to HIV-1 Infected Women in Tanzania. Current Position: Program Deputy Representative, UNICEF, Cambodia.

Kosuke Kawai (Japan), Major Department: Nutrition. Thesis Title: Malnutrition, Infection and Immunity in Tanzania. Current Position: Assistant Professor, Childrens' Hospital Boston and Harvard Medical School.

Todd Reid (USA), Major Department: Nutrition. Thesis Title: Vitamin D and Tuberculosis among US Nurses. 2010. Current Position: Independent Public Health Consultant.

Anne Austin (USA): Major Department: Global Health and Population. June 2010. Current Position: Deputy Director of Research & Education, Harvard School of Public Health Women and Health Initiative.

Sheila Isanaka (USA), Major Department: Nutrition. Thesis Title: The Role of Anemia and Iron Status in the Progression of HIV Infection and Tuberculosis, April 2011. Current Position: Associate Professor, Department of Nutrition and Department of Global Health and Population, Harvard T.H. Chan School of Public Health.

Julia Finkelstein (USA), Major Department: Nutrition. Thesis Title: Infection, Inflammation and Immunity: The Role of Vitamin D, Anemia, and Tuberculosis in HIV-infected Pregnant Women and their Children in Sub-Saharan Africa. April 2011. Current Position: Associate Professor, Cornell University.

Ramadhani Mwiru (Tanzania), Major Department: Nutrition. Thesis Title: Growth, Morbidity and Mortality among HIV-exposed and HIV-infected Tanzanian Children. October 2012. Current Position: Implementation Science Advisor, US Centers for Disease Control and Prevention, Dar es Salaam, Tanzania.

Andrew Thorne Lyman (USA), Major Department: Nutrition. Thesis Title: Maternal Vitamin D and Perinatal and Child Health Outcomes. March 2013. Current Position: Senior Research Scientist, Johns Hopkins University Bloomberg School of Public Health.

Paul Petraro (USA), Major Department: Nutrition and Epidemiology. Thesis Title: Burden and Correlates of Anemia and Adverse Pregnancy Outcomes among HIV-negative and HIV-positive Individuals in Tanzania. April 2013. Current Position: Epidemiologist, Global Epidemiology at Bayer Healthcare and Senior Epidemiologist, Department of Medical Education at Griffin Hospital.

Chris Sudfeld (USA), Major Department: Epidemiology. Thesis Title: Vitamin D and HIV Progression and Micronutrient Supplementation and Measles Vaccine Response in HIV-infected Children. March 2013. Current Position: Associate Professor of Global Health and Nutrition, Department of Global Health and Population, Harvard T.H. Chan School of Public Health

Ayesha Sania (Bangladesh), Major Department: Epidemiology. Thesis Title: Micronutrients and Maternal and Perinatal Health. April 2013. Current Position: Associate Research Scientist, Columbia Mailman School of Public Health.

Ibironke Olofin (Nigeria), Major Department: Epidemiology. Thesis Title: Nutritional Status and Interventions In Relation To Infectious Disease and Mortality. April 2014. Current Position: Postdoctoral Fellow in the Department of Global Health and Population, Harvard T.H. Chan School of Public Health.

Batool Haider (Pakistan), Major Department: Epidemiology. Thesis Title: Anemia, iron deficiency and risk of adverse outcomes in HIV-positive and HIV-negative adults. May 2014. Current Position: Director, Health Economics and Outcomes Research, Alkermes Biopharmaceutical Company.

Ellen O'Neal (USA), Major Department: Epidemiology. April 2015. Thesis Title: Determinants of global maternal and neonatal morbidity and mortality. Current Position: Epidemiologist at Massachusetts Department of Public Health.

Emily Smith (USA), Major Department: Global Health and Population. September 2016. Thesis Title: "Maternal and Child Health, HIV, and Nutrition" Current Position: Assistant Professor, George Washington University School of Public Health, Washington, DC

Lindsey Locks (USA): Major Department: Nutrition. Thesis Title: Nutrition, Growth & Health in Tanzanian Children, March 2016. Current Position: Assistant Professor, Boston University.

Sumona Chaudhury (United Kingdom): Major Department: Epidemiology. Thesis Title: Health of Children Affected by HIV in Sub-Saharan Africa, Sept 2016. Current Position: Clinical Fellow and Researcher.

Elysia Larson (USA), Major Department: Global Health and Population. September 2016. Thesis Title: "Measurement and evaluation in maternal and child healthcare: diagnosing

poor quality and testing solutions” Current Position: Research Associate, Department of Biostatistics, Harvard T. H. Chan School of Public Health.

Abdallah Noor (Tanzania), Major Department: Nutrition. May 2017. Thesis Title: “Micronutrient Deficiencies among Vulnerable Populations in Tanzania: Evidence for Interventions and Programmatic Implications”. Current Position: Senior Program Officer, UNICEF, Ethiopia.

Sabri Bromage (USA), Major Department: Nutrition. May 2017. Thesis Title: “Epidemiology of Dietary and Micronutrient Deficiencies in Mongolia”. Current Position: Postdoctoral Research Associate, Department of Nutrition, Harvard T. H. Chan School of Public Health.

Rachel Zack (USA): Major Department: Epidemiology. Thesis Title: Barriers and Opportunities for Cardiovascular Disease Prevention in Low- and High-Income Countries. April 2017. Current Position: Epidemiologist, Greater Boston Food Bank.

Isabel Madzorera (Zimbabwe), Major Department: Nutrition. December 2019. Thesis Title: “The Relationship between Maternal and Infant Diets and Nutritional Outcomes in Sub-Saharan Africa”. Current Position: Assistant Professor, University of California, Berkeley.

David Sando (Tanzania), Major Department: Global Health and Population. December 2019. Thesis Title: “Health System Quality and Improvement Strategies in Caring for People with HIV and Cardiovascular Diseases: Studies from Tanzania, Uganda and China”. Current Position: Chief Executive Officer, Management and Development for Health (MDH), Dar es Salaam, Tanzania.

Alex Kintu (Uganda), Major Department: Global Health and Population. December 2019. Thesis Title: “The Impact of HIV and Antiretroviral Therapy on Cardiovascular Diseases in sub-Saharan Africa”. Current Position: Director, Clinical development at Gilead Sciences, San Francisco.

Zihui Li (China), Major Department: Global Health and Population. Thesis Title: “Determinants of Child Health in Developing Countries – Social, Environmental, and Policy Perspectives”. Current Position: Assistant Professor, Vanke School of Public Health. Tsinghua University, China.

Simone Passarelli (USA), Major Department: Nutrition. May 2020. Thesis Title: “Agricultural interventions, caregiver perceptions, and child growth in rural Ethiopia. Current Position: Program Analyst, Office of Global Food Security, Department of State, Washington, D.C.

MK Quinn (USA), Major Department: Global Health and Population. November 2020. Thesis Title: Perinatal Nutrition and infection interventions in sub-Saharan Africa: Timing and mechanisms of action. Current Position: Postdoctoral Fellow, Stanford University.

Lily Bliznashka (USA), Major Department: Global Health and Population. May 2021. Thesis Title: Integrated multi-input interventions to promote child growth and development in low-resource settings: Building a supportive and enabling caregiver

environment. Current Position: Associate Research Fellow, International Food Policy Research Institute, Washington, D.C.

Mia Blakstad (Norway), Major Department: Global Health and Population. July 2021. Thesis title: Intergenerational, environmental, and health impacts of nutritional interventions in low- and middle-income countries. Current Position: Senior Program Associate, Rockefeller Foundation, New York.

Jiaxi Yang (China), Major Department: Epidemiology. May 2021. Thesis Title: Lifestyle, weight gain, and pregnancy complications from a life-course perspective”. Current Position: Postdoctoral Research Fellow, National University of Singapore.

Christopher Anderson (USA), Major Department: Epidemiology. May 2021. Thesis Title: The etiology and treatment of Anemia”. Current Position: Health Specialist (Young Professional), World Bank, Washington, D.C.

Ajibola Ibraheem Abioye (Nigeria), Major Department: Nutrition. August 2021. Thesis Title: Iron nutrition, hematologic status, and infections in Tanzania. Current Position: Medical Director, Gennentech.

Master’s Trainees Primary Thesis Advisor:

Lara Misegades (USA), Epidemiology. Thesis Title: Predictors of Mortality among Tanzanian Children under Five Years of Age. May 2001. Current Position: Director, Infectious Disease Policy, Association of State and Territorial Health Officials, Washington DC.

Ja Hyun Shin (USA), Epidemiology. Thesis Title: Efficacy of Selenium Supplementation vs Placebo as Prophylaxis for Postpartum Vertical HIV Transmission: A Randomized, Double blind, Placebo- controlled Trial. May 2002. Current Position: Assistant Professor, Department of Obstetrics, Gynecology and Women’s Health at the Albert Einstein College of Medicine.

Emily Westheimer (USA), Epidemiology. Thesis Title: Acceptance of HIV Testing Among Pregnant Women in Dar-es-Salaam, Tanzania, May 2003. Current Position: Program Research Coordinator, Gynuity Health Projects, NY.

Serpil Kantarci (Turkey), Epidemiology. Thesis Title: Subclinical Mastitis, HIV-1 Shedding in Breastmilk, and Breastfeeding Transmission of HIV-1. May 2006 Current Position: Project Manager, Inventive Health Clinical, Istanbul, Turkey.

Uma Chandra Mouli Natchu (India), Nutrition. Nutrition and neonatal/infant health. April 2012. Current Position: Assistant Professor, Translational Health Science and Technology Institute (THSTI), India.

Stacy Griswold (USA), Global Health and Population. Thesis Title: Food Security-related Stress as a Predictor of Cognitive Underdevelopment in Children Under-five in Peri-urban Nepal. May 2016. Current Position: To Be Determined

Helen Pitchik (Canada), Global Health and Population. Thesis Title: Child Growth and Development in Dar es Salaam, Tanzania. May 2016. Current Position: PhD Candidate at the University of California, Berkeley, School of Public Health.

Alexandra Bellows (USA), Epidemiology. Thesis Title: Assessing the Burden of Nutritional Deficiencies in Early Infancy: Vitamin B12, Folate, Ferritin. May 2017. Current Position: Doctoral student, Johns Hopkins Bloomberg School of Public Health.

Abhishek Bhatia (India), Global Health and Population. Thesis Title: The Associated Between Oral Health and Child Malnutrition: Evidence from Mumbai, India. May 2017. Current Position: Visiting Scientist, FXB Center for Health & Human Rights, Harvard University.

Megan Huang (USA), Global Health and Population. Thesis Title: Maternal Dietary Diversity and Growth of Children Under 24 Months of Age in Rural Dodoma, Tanzania. May 2017. Current Position: Independent Researcher

Mia Blakstad (Norway), Global Health and Population. Thesis Title: Neighbor home gardening predicts dietary diversity among rural Tanzanian women. May 2017. Current Position: Senior Program Associate, Rockefeller Foundation, New York.

Zhonghai Zhu (China), Perinatal and child health and development. August 2019. Current Position: PhD Candidate, Xian Jiatong University, China

Other Trainees:

Paul Drain	2005-2006	Pre-doctoral Fogarty Ellison Fellow
Jeffrey Blander	2005-2007	Pre-doctoral Fogarty Ellison Fellow
Anna Acosta	2006-2007	Post-doctoral Fogarty Ellison Fellow
Ramadhani Mwiru	2006-2007	Post-doctoral Fogarty Ellison Fellow
Abel Makubi	2006-2007	Post-doctoral Fogarty Ellison Fellow
Yetunde Olutunmbi	2007-2008	Pre-doctoral Fogarty Fellow
Cosby Stone	2008-2009	Pre-doctoral Fogarty Fellow
Melanie Lo	2008-2009	Pre-doctoral Fogarty Fellow
Grace Shayo	2009-2010	Post-doctoral Fogarty Fellow
Emmanuel Matechi	2010-2011	Post-doctoral Fogarty Fellow
Alexandria Coria	2011-2012	Pre-doctoral Fogarty Fellow
Alfa Muhihi	2011-2012	Post-doctoral Fogarty Fellow
Lara Livia de Santos	2015-2016	Pre-doctoral Fellow
Ugonna Nwosu	2015-2017	Master of Science, Nutrition.
Kalin Stovall	2015-2017	Master of Science, Global Health
Onella Dawkins	2016-2018	Master of Public Health
Kerstin Hanson	2016-2018	Master of Public Health
Nambi Ndugga	2016-2018	Master of Public Health
Anthony Morgan	2018-2020	Master of Science, Global Health
Alex Lebroski	2019-2021	Master of Public Health
Kimberly Mihayo	2019-2020	Pre-doctoral Fellow
Nadhira Afifa	2019-2020	Master of Public Health

Sarpong Boateng	2019-2020	Master of Public Health
Rukudzo Muyengwa	2019-2020	Master of Public Health
Penny Sun	2019-2020	Master of Public Health
Kwabena Lartey	2020-2021	Master of Public Health
Dayana Bray	2021-2022	Master of Public Health
Ayooluwa Douglas	2021-2022	Master of Public Health
Matthew Dwumah-Agyen	2021-2022	Master of Public Health
Boniface Mensah	2021-2022	Master of Public Health
Tracy Ohenewaa Yeboah	2023-Present	Master of Public Health
Neha Pondicherry	2023-Present	Master of Public Health
Umu-Hawa Rogers	2023-Present	Master of Public Health
Brian Goldstein	2023-Present	Master of Public Health
Lisa Hildebrand	2023-Present	Master of Public Health
Mary Osei	2023-Present	Master of Public Health

INVITED PRESENTATIONS

- 1993 Invited Speaker on “Vitamin A Supplementation and Child Health” at West African Conference on Vitamin A Deficiency, sponsored by USAID and The Micronutrient Initiative, Accra, Ghana.
- 1994 Invited Speaker on “Nutritional Factors in Perinatal transmission of HIV Infection” at Preventing Perinatal HIV Transmission in Developing Countries: Challenges and Opportunities, Harvard AIDS Institute, Boston, MA.
- 1996 Invited Speaker on “Vitamin Therapy in HIV Infection” at Symposium on Optimizing Treatment in HIV Infection: Integrating Approaches to Care, New England AIDS Education and Training Center, Boston, MA.
- 1996 Invited Speaker on “Field Aspects of Clinical Trials in Developing Countries” at Symposium Series on HIV Vaccines in Developing Countries - Designing Efficacy Trials," Harvard AIDS Institute, Boston, MA.
- 1997 Invited speaker on “Methodologic Issues in the Design and Implementation of Nutrition and AIDS Trials in Developing Countries” at Nutritional Interventions Workshop in Conference on Global Strategies for the Prevention of HIV Transmission from Mothers to Infants. American Society for Microbiology and the Office of AIDS Research, National Institutes of Health. Washington, DC.
- 1997 Invited Speaker on “Ethical Issues in HIV Prevention Trials” at Symposium on Ethical Issues in the Conduct of International HIV/AIDS Trials, sponsored by Harvard AIDS Institute. World AIDS Day, Boston, MA.
- 1998 Invited Speaker on “Potential Mechanisms and Functions of Vitamin A in HIV infection” at Symposium on Micronutrients in the HIV/AIDS Patient, Tufts University School of Medicine and Serono Symposia USA, Inc., Boston, MA.
- 1998 Invited Speaker on “Beneficial Effects of Vitamin Supplements among HIV-

infected Women in Tanzania” at National Institute of Child Health and Human Development, Bethesda, MD.

- 1998 Invited Speaker on “A Randomized Trial of Effects of Vitamin Supplements in Relation to Pregnancy Outcomes and T-cell Counts among HIV-infected Women, Tanzania” at XII International Conference on AIDS, Geneva, July 1998.
- 1998 Invited Speaker on “Vitamin A is a Necessary but not Sufficient Nutrient for Health and Survival” at Micronutrients and Infection Meeting, sponsored by the Wellcome Trust and USAID, Southampton, England.
- 1998 Invited Speaker on “Issues on the Reliability and Interpretations of Measures and Indicators of Vitamin A Status in Population Studies” at Micronutrients and Infection Meeting, sponsored by the Wellcome Trust and USAID, Southampton, England.
- 1998 Invited Speaker on “Micronutrient Interventions among HIV Infected Women and Children,” at Prevention of HIV Transmission from Mothers to Infants-Strategies for India, Chennai (Madras), South India.
- 1998 Invited Speaker on “Epidemiologic Studies of Vitamins among HIV-Infected Women and Children” at III International Symposium: Global Strategies to Prevent Perinatal HIV Transmission. Valencia, Spain.
- 1999 Invited Speaker on “Effect of Micronutrients on Infectious Diseases,” UNICEF Headquarters, New York.
- 1999 Invited Speaker on “Vitamin A, Multivitamins, and Infections among Mothers and Children” at Office of Health and Nutrition, United States Agency for International Development, Washington, DC.
- 1999 Invited Speaker on “Efficacy of Vitamin Supplements in HIV Infection” at 6th Conference on Retroviruses and Opportunistic Infections, Chicago, IL.
- 1999 Invited Speaker on “Human Immunodeficiency Virus and the Role of Micronutrients” at XIX International Vitamin A Consultative Group Meeting, Durban, South Africa.
- 1999 Invited Speaker on “Rationale and Design of Micronutrients and Maternal Mortality Trial in Tanzania” at Maternal Mortality and Vitamin A Research, USAID, Durban, South Africa.
- 1999 Invited Speaker on “Malnutrition and HIV Infection” at 45th Nestle Nutrition Workshop, Bangkok, Thailand,
- 1999 Invited Speaker on “Nutritional Interventions Prior to or During Pregnancy” at Reducing Perinatal and Neonatal Mortality: Review of Potential Interventions and Implications for Programs and Research, Johns Hopkins University,

Baltimore, MD, May 1999.

- 1999 Invited Speaker on “Micronutrients and HIV Transmission” at Second Conference on Global Strategies for the Prevention of HIV Transmission from Mothers to Infants, Montreal, Canada.
- 1999 Invited Speaker on “Micronutrients and Maternal and Child Health” at Non-antiretroviral Interventions Workshop, Second Conference on Global Strategies for the Prevention of HIV Transmission from Mothers to Infants, Montreal, Canada.
- 1999 Invited Speaker at “Micronutrients and Birth Outcomes” at Opportunities for Scientific Progress: Global Research on Women's and Children's Health, Population, and Human Development, NICHD.
- 1999 Invited Speaker on “Nutritional Modulation of Immune Responses: Implications for Disease” at Micronutrients and Infectious Diseases: Cellular and Molecular Immunomodulatory Mechanisms, NIAID.
- 1999 Invited Speaker on “Nutrition and Perinatal Health” at Proposed Design of US Longitudinal Cohort. Fetal Origins of Adult Cardiovascular Disease: New Directions. Harvard Medical School, Cambridge, MA.
- 2000 Invited Speaker on “Nutrition, Women's Health, Pregnancy Outcomes, and Infant Development: Approaches to Intervention” at Indo-U.S. Workshop on Health and Nutrition in Women, Infants and Children; National Institutes of Health and Indian Council of Medical Research, Hyderabad, India.
- 2000 Invited Speaker on “Nutrition, Infections, and Perinatal Health in Tanzania” at Symposium on Public Health Challenges and Opportunities in East Africa: The Case of Tanzania, Harvard School of Public Health, Boston, MA.
- 2000 Invited Speaker on “Micronutrients in HIV and TB infections” at NIAID International Centers for Tropical Disease Research Ninth Annual Meeting, Bethesda, MD.
- 2000 Invited Speaker on “Micronutrients and Maternal Mortality”, USAID, Washington, DC.
- 2000 Invited Speaker on "Micronutrients and Maternal Health in Tanzania" at Harvard Nutrition Roundtable, Harvard School of Public Health, Boston, MA, May 2000.
- 2000 Invited Speaker on “Research Priorities in International Nutrition” at Priorities for Nutrition Research in Developing Countries, Center for International Development at Harvard University and Harvard School of Public Health.
- 2000 Invited Speaker on “Micronutrients and their Role in Disease Progression” at Workshop on Growth, Nutrition, and Metabolic Complications in HIV Infected

Children, NICHD/PACTG.

- 2000 Invited Speaker on "Micronutrients among Pregnant Women: Research Findings from Different Populations" at HIV/AIDS Dissemination Workshop on Prevention of Mother to Child Transmission, Dar es Salaam, Tanzania.
- 2000 Symposium Co-Chair (with Drs. Ulla Larsen and Saidi Kapiga, HSPH), Public Health Challenges and Opportunities in East Africa: The Case of Tanzania, Harvard School of Public Health, Boston, MA.
- 2000 Invited Speaker on "Review of Findings from Research Trials on Nutrition and Infections during Pregnancy" at HIV/AIDS Dissemination Workshop, Muhimbili-Harvard Collaborative Research Program, Dar es Salaam, Tanzania.
- 2000 Invited Speaker on "Population Models to Study the Nutritional Effects on Periodontal Diseases and Other Oral Infectious Disease" at Nutrition and Oral Infectious Disease Workshop, The Forsyth Institute, Boston, MA.
- 2000 Invited Session Co-Chairperson (with Dr. B.N. Saxena of Indian Council for Medical Research); Nutrition, Women's Health, Pregnancy Outcomes, and Infant Development Working Group; Indo-U.S. Workshop on Health and Nutrition in Women, Infants and Children, National Institutes of Health and Indian Council of Medical Research, Hyderabad, India.
- 2000 Co-Chair (with Dr. Gernard Msamanga, Muhimbili University), HIV/AIDS Dissemination Workshop on Prevention of Mother to Child Transmission to Senior Policy Makers and Academia, Dar es Salaam, Tanzania.
- 2000 Symposium Organizer and Co-Chair (with Dr. John Moye, NICHD), Micronutrients and Child Health, National Institutes of Child Health and Human Development, Bethesda, MD.
- 2001 Session Chair, "The Role of Nutrition in HIV Care and Management" at Exploring a Research Agenda to Improve the Care and Management of Mothers and Children Affected by HIV in Africa Conference, Gaborone, Botswana.
- 2001 Invited Speaker on "The HIV Epidemic in Tanzania: Challenges and Opportunities." Izumi Foundation, Boston, MA.
- 2001 Invited Speaker on "Progress on Micronutrients and Infectious Disease Relationships," NIAID International Centers for Tropical Disease Research Network Tenth Anniversary Meeting, NIH/NIAID.
- 2001 Invited Speaker on "Training and Capacity Building in Tanzania", International Maternal and Child Health Research and Training Program, NIH Fogarty International Center.
- 2001 Invited Speaker on "Randomized Trial of Vitamin Supplements in Relation to Transmission of HIV-1 Through Breastfeeding and Mortality in the First Two

Years of Life", at Third Conference on Global Strategies for the Prevention of HIV Transmission from Mothers to Infants, Kampala, Uganda.

- 2001 Speaker on "Micronutrients and Perinatal Health among HIV-infected Women", Department of Nutrition Seminar Series, Harvard School of Public Health.
- 2001 Invited Speaker on "Micronutrients and HIV Disease Progression" at Interventions for Metabolic and Endocrine Complications of HIV/AIDS in Drug Abusers. National Institute of Drug Abuse, NIH.
- 2001 Symposium Co-Chair (with Drs. Ulla Larsen, Saidi Kapiga and Boris Renjifo), Public Health Research Programs in Africa.
- 2002 Invited Speaker on "Multivitamins and Perinatal Health in HIV Infection" at Tufts University Seminar Series.
- 2002 Invited Speaker on "Vitamin and Child Health" at Department of Maternal and Child Health Seminar Series, Harvard School of Public Health.
- 2002 Invited Speaker on "Roles of Micronutrient Deficiencies in Affecting Risk of HIV Transmission and Severity of AIDS in Young Infants" at Nestle Nutrition Conference, Dubai, UAE.
- 2002 Invited Speaker on "Overview of Research on Micronutrients and HIV Transmission and Disease Progression" at International Food and Nutrition Forum, Institute of Medicine, National Academy of Sciences.
- 2002 Invited Speaker and Co-Organizer (with Max Essex, Saidi Kapiga, Richard Marlink, Phyllis Kanki and Bruce Walker): Harvard Programs on AIDS in Africa: A University Responds, Talk on "Harvard Tanzania Partnership on Nutrition and Disease Prevention."
- 2002 Invited Speaker on "Nutritional Management of HIV-positive women during pregnancy and lactation: The role of micronutrient supplements" at Challenges of Nutrition Care and Support for People Living with HIV/AIDS in Resource Poor Settings. XIV International AIDS Conference, Barcelona, Spain.
- 2003 Invited Speaker on "Role of Micronutrient Supplements in HIV Infection" at Warren Alpert Symposium in honor of Alfred Sommer, Dean of Johns Hopkins University Bloomberg School of Public Health. Co-presenters: Professor Sommer and Professor Robert Russell from Tufts University.
- 2003 Invited Speaker on "Multivitamin Supplements of HIV Infected Women during Pregnancy and Lactation: A Summary of the Evidence", Expert Consultation on Nutrient Requirements for People living with HIV/AIDS, World Health Organization, Geneva.
- 2003 Co-Chair symposium at FASEB Annual Meeting on Nutrition, Host Defense and

Infectious Diseases, with Professor Simin Meydani, San Diego, CA.

- 2003 Invited Session Chair and Invited Speaker, FASEB Summer Conference on the Impact of Nutritional Status on Immune Function and Health, Saxton River, VT.
- 2004 Invited Speaker on “Micronutrients and Perinatal Health in the Context of HIV Infection”, Spring Colloquium Series, Pennsylvania State University, University Park, PA.
- 2004 Invited Speaker on “Multivitamin Interventions in Tanzania”, Society for International Nutrition Research Symposium, Experimental Biology Annual Conference 2004, Washington DC.
- 2004 Invited Speaker on “Nutritional Supplements and HIV-related Outcomes” UNICEF, New York NY.
- 2004 Invited Speaker on “Multiple Micronutrient Supplementation in People Living with HIV”, World Health Organization and UNICEF, Washington, DC.
- 2004 Invited Speaker on "Infection: The Diet Connection", Harvard School of Public Health and Oldways Preservation Trust, Florence, Italy.
- 2004 Invited Speaker on "Breast-Feeding and Maternal and Infant Health: Role of Nutritional Supplements" Sponsored by the International Society for Research in Human Milk and Lactation (ISRHML), Queens College, Cambridge, UK.
- 2004 Invited Keynote Speaker on “Nutrition and Infections” at the Inaugural Meeting of the African Graduate Nutrition Students Network, Durban, South Africa.
- 2005 Invited Speaker on “Micronutrient Supplementation in People Living with HIV”, Human Nutrition Research Center (HNRC) at Tufts University, Boston, MA.
- 2005 Invited Speaker on “Micronutrient Supplementation and HIV Infection: Is Enhancing Immune Function the Answer?” Institute of Functional Medicine (IFM). Palm Springs, CA.
- 2005 Invited Speaker on “Micronutrient Supplementation and HIV Transmission and Disease Progression” Microbiology and Infectious Diseases Research Day at University of Toronto, Toronto, Canada.
- 2005 Invited Keynote Speaker on “Micronutrient and Macronutrient Status and Disease Progression Among HIV-infected Adults and Children: State of Knowledge and Program Implications at the International Nutrition Congress, Durban, South Africa.
- 2007 Invited Speaker on “What food and Micronutrients Should be Provided for HIV-infected Patients” at the Fifth Annual PEPFAR Track 1.0 ART Program Meeting,

Atlanta, Georgia.

- 2007 Presenter and Facilitator, Nutrition and Maternal Newborn Health, Technical Consultation of Maternal and Perinatal Health Epidemiology Reference Group. World Health Organization, Geneva, Switzerland.
- 2008 Invited Speaker on “Improving Nutrition among Lactating Women” at the IYCN Working Group Meeting, Geneva, Switzerland.
- 2009 Invited Speaker on “Micronutrient Supplementation and Infectious Disease Outcome” at the Diet and Optimum Health Conference, Linus Pauling Institute, University of Oregon, Portland, Oregon.
- 2009 Invited Speaker on “The Role of Nutrition on Immune Response and Clinical Outcomes in TB and HIV Infection” at the Keystone Symposia, Arusha, Tanzania.
- 2010 Invited Speaker on “Nutrition and Global Health Challenges Interventions for Prevention and Management of Infectious Diseases” at Vanderbilt University.
- 2010 Invited Speaker on “Approaches to measurement of the Effect of Micronutrient Supplementation” Impact of Micronutrients on Respiratory Infections Workshop, NIAID.
- 2010 Invited Speaker on “Risk Factor and Intervention Epidemiology” Nutrition Impact Model Study Group, World Health Organization, Geneva, Switzerland.
- 2010 Invited Speaker on “Nutritional Interventions for Prevention and Management of Infectious Diseases” at Yale University.
- 2010 Invited Moderator on “Innovative Local Solutions to Malnutrition” Izumi Foundation Innovators in Health Meeting, Cambridge, MA.
- 2010 Invited Speaker on Panel: Why Women and Health? Why Now?: Global Burden of Maternal and Neonatal Mortality and Morbidity” HSPH Leadership Council Annual Meeting, Boston, MA.
- 2010 Chair, Africa in Motion Panel, “Are Africans Getting Healthier?” Harvard University, Boston, MA.
- 2011 Invited Speaker on “Global Burden and Evidence in Support of Vitamin A Supplementation in Childhood” at the Meeting Micronutrient Requirements for Health and Development workshop. 70th Nestle Nutrition Institute Workshop, Cebu, Philippines.
- 2011 Invited Speaker on “Maternal multiple micronutrient supplementation and pregnancy outcomes in developing countries meta-analysis and meta-regression” at the Meeting Micronutrient Requirements for Health and

Development workshop. 70th Nestle Nutrition Institute Workshop, Cebu, Philippines.

- 2011 Invited Speaker on “Nutritional Interventions and MDGs 4, 5 and 6”, Harvard School of Public Health, Department of Global Health and Population, Boston, MA.
- 2011 Invited Speaker on Panel: Advancing Maternal Health, Reflections on the Role and Contributions of the Harvard School of Public Health. “Advancing Maternal Nutrition, What we know, knowledge gaps, and what to do about them.” Boston, MA.
- 2011 Invited Co-Chair on Panel: Harvard America-China Health Summit, Harvard School of Public Health, Boston MA.
- 2011 Invited Speaker on “Advancing Maternal Nutrition: What we know, knowledge gaps, and what to do about them”. Takemi Program Seminar, Harvard School of Public Health. Boston, MA.
- 2012 Invited Speaker on Panel: Our Children, Our Future: Challenges and Opportunities for Child Health and Development in Tanzania and Globally. “Nutritional Interventions and Improved Child Health: What works, and what needs more work.” Dar es Salaam, Tanzania.
- 2012 Invited Speaker on Panel: Opportunities and Challenges for High Level Health Research Training with Higher Level Institutions in Tanzania. “International Collaborative Opportunities in Health Sciences for Postgraduate Trainees.” Dar es Salaam, Tanzania.
- 2012 Invited Speaker on “Health in Africa: Challenges and Opportunities.” African Leadership Academy Indaba. Groton, MA.
- 2012 Invited Speaker on “Evaluation of Efforts to Achieve the MDGs: Success, Failure, and Gaps.” Harvard Brazil Symposium. Boston, MA.
- 2013 Invited Speaker for PEPFAR in Africa: HSPH's Role in the Largest Public Health Endeavor in History. “Harvard PEPFAR Program in Tanzania: Partnership and Capacity Building.” Harvard School of Public Health. Boston, MA. January 2013.
- 2013 Invited Speaker for Symposium on Quantitative Methods for Implementation Science & Translational Research. Harvard School of Public Health. Boston, MA. February 2013.
- 2013 Invited Speaker on Panel, Diet and Inflammation: New Concepts on the Impact of Nutrients on Immune Modulation. Federation of American Societies for Experimental Biology (FASEB) Symposium, Boston, MA. April 2013.
- 2013 Invited Speaker on Panel: Global Perspectives on Preterm Birth and Fetal

Growth and Restriction. Federation of American Societies for Experimental Biology (FASEB) Symposium. Boston, MA. April 2013.

- 2013 Lead, Department of Global Health and Population 50th Anniversary Symposia, Harvard School of Public Health. Boston, MA. April 2013.
- 2013 Symposium Organizer and Moderator for Department of Global Health and Population 50th Anniversary Symposium, Session title (with K. Brown, C. Juma, W. Willett): “Nutrition and Global Health Priorities.” Harvard School of Public Health. Boston, MA. April 2013.
- 2013 Invited Speaker for Harvard Brazil Round Table: Global Health and Early Child Development. Harvard Business School. Boston, MA. June 2013.
- 2013 Invited Speaker on Panel: HIV, AIDS, And Maternal Health Care. HIV/AIDS and Maternal Health Conference. Simmons College. Boston, MA. June 2013.
- 2013 Invited Speaker on Panel: Evidence for vitamins and nutritional supplements in the treatment and prevention of infections, “Vitamins, micronutrients & HIV infection in resource-poor settings.” Inter-science Conference on Antimicrobial Agents & Chemotherapy (ICAAC) of the American Society for Microbiology (ASM). Denver, CO, September 2013.
- 2013 Invited Speaker for Takemi Program in International Health 30th Anniversary Symposium, “Governing Health Systems: Community, National and Global Challenges.” Panel title: “Reflections on the Takemi Program, Past and Future.” Cambridge, MA. October 2013.
- 2013 Invited Speaker for Nutrition Round Table, Harvard School of Public Health Centennial Meeting: Global Health Nutrition, Progress and Challenges. Harvard Faculty Club, Cambridge, MA. October 2013.
- 2013 Invited Speaker (Co-Chair) on Panel: Human Resource for Public Health & Preventive Medicine, Third Annual U.S.-China Health Summit. Harvard School of Public Health, Boston, MA. October 2013.
- 2014 Invited Speaker on panel, Partnering with China for a Healthier Future, “Poverty and Humanitarian Crises”, Dean’s Trip to China, Shanghai, China. April 2014.
- 2014 Symposium Organizer for Inaugural Annual State of Global Health Symposium, Transforming Health Systems for Universal Health Care. Harvard School of Public Health, Boston, MA. April 2014.
- 2014 Symposium Co-organizer (with C. Duggan) for 6th Annual Nutrition and Global Health Symposium. Harvard School of Public Health, Boston, MA. May 2014.
- 2014 Invited Speaker and Participant, Breastfeeding Initiation – Data Analysis

Workshop, London School of Hygiene and Tropical Medicine, London, UK. September 2014.

- 2014 Invited Speaker and Participant, Neonatal Vitamin A Supplementation Study Pooled Analysis Meeting, World Health Organization, Geneva, Switzerland. September 2014.
- 2015 Co-organizer and Participant, Dar Urban Cohort Study (DUCS) Research Meeting. Dar es Salaam, Tanzania. January 2015.
- 2015 Co-organizer and Participant, Gestational Diabetes, research meeting. Dar es Salaam, Tanzania. January 2015.
- 2015 Co-organizer and Participant, Maternal and Child Health, research meeting. Dar es Salaam, Tanzania. January 2015.
- 2015 Co-organizer and Participant, Integrating Agriculture Nutrition for Health at the Community Level in Tanzania, stakeholders meeting. Dar es Salaam, Tanzania. January 2015.
- 2015 Co-organizer and Participant, Advancing Collaborative Education and Research in Africa, network meeting. Dar es Salaam, Tanzania. January 2015.
- 2015 Invited Speaker, Harvard T.H. Chan School of Public Health Leadership Council Reception, “Breaking the Cycle: Mothers, Children and Malnutrition”. San Francisco, CA. February 2015.
- 2015 Speaker on “Nutritional Supplements During Pregnancy: From Research to Public Health Practice”, Nutrition and Global Health Seminar Series, Harvard T.H. Chan School of Public Health. March 2015.
- 2015 Invited Speaker, Albertina Sisulu Executive Leadership Programme in Health, “Advancing Nutrition for Better Maternal and Child Health in the First 1000 Days”. Video-conference between Harvard T.H. Chan School of Public Health, University of Fort Hare, South Africa and University of Pretoria, South Africa. March 2015.
- 2015 Workshop Co-organizer (with Martin Bloem from the UN World Food Programme) for Comprehensive Intervention Package for Stunting Prevention Workshop. Harvard T. H. Chan School of Public Health, Boston, MA. April 2015.
- 2015 Symposium Organizer (with the Harvard Center on the Developing Child) for the 2nd Annual State of Global Health Symposium, “Surviving and Thriving: A new era in global child health and development”. Harvard T.H. Chan School of Public Health, Boston, MA. April 2015.
- 2015 Invited Speaker and Participant, Iron Week, “Prenatal iron supplements: safety and efficacy in Tanzania”, hosted by Eunice Kennedy Shriver National Institute of Child Health and Human Development and National Institute of Health,

Bethesda, MD. May 2015.

- 2015 Symposium Organizer, 7th Annual Nutrition and Global Health Symposium, “Reaping the Health Benefits of Sustainable Agriculture”. Harvard T.H. Chan School of Public Health, Boston, MA. November 2015.
- 2016 Symposium Co-organizer, “Iron Deficiency Anemia in Pregnancy: Safety and Efficacy of Prenatal Supplements”. Dar es Salaam, Tanzania. January 2016.
- 2016 Co-organizer and Participant, Integrated Nutrition and Agricultural Interventions for Saving Lives in Tanzania: Rufiji Project. Dar es Salaam, Tanzania. January 2016.
- 2016 Co-organizer and Participant ARISE Network: Taking Stock and Moving Forward Education for Health Professionals in 21st Century – Focus on Africa. Dar es Salaam, Tanzania. January 2016.
- 2016 Symposium Organizer, 3rd Annual State of Global Health Symposium, “Coming of Age: A Conference on Global Adolescent Health”. Harvard T.H. Chan School of Public Health, Boston, MA. March 2016.
- 2016 Co-organizer and Participant, “Africa Research, Implementation Science and Education (ARISE) Network Workshop”. Harvard T.H. Chan School of Public Health, Boston, MA. April 2016.
- 2016 Co-organizer and speaker, “Africa Health Partnership Launch”. Harvard T.H. Chan School of Public Health, Boston, MA. April 2016.
- 2016 Co-organizer and participant, Inaugural Meeting of the “China-Harvard-Africa Network (CHAN): A Tripartite Partnership in Health”. Harvard T.H. Chan School of Public Health, Boston, MA. April 2016.
- 2016 Invited Speaker, International Pediatric Association Congress 2016, “Micronutrients and Neonatal Health: Current Knowledge and the Case for Research”. Vancouver, Canada. August 2016.
- 2016 Participant, Global Young Women’s Nutrition Investigators Group Meeting, SickKids Centre for Global Health. Muskoka, Canada. August 2016.
- 2016 External Evaluator, PhD Program in Epidemiology, Department of Epidemiology and Population Health, Faculty of Health Sciences, American University of Beirut. Beirut, Lebanon. September 2016.
- 2016 Moderator and Participant, “Building National Multi-Nutrient Food-Fortification Policy in Emerging Democracies in the Context of Mongolia”. Radcliffe Institute for Advanced Study, Harvard University, Cambridge, MA. October 2016.

- 2016 Co-organizer and participant, China-Harvard-Africa Network (CHAN) Symposium, “Global Health in the Sustainable Development Era”. Peking University National School of Development, Beijing, China. November 2016.
- 2016 Participant and speaker, “Symposium on China-Africa Partnership: Improving Access to Health and Medical Products”. Shanghai International Conference Center, Shanghai, China. November 2016.
- 2016 Symposium Organizer, 8th Annual Nutrition and Global Health Symposium, “Foundations for the Future: Approaches to Advancing Global Nutrition and Early Childhood Development”. Harvard T.H. Chan School of Public Health, Boston, MA. December 2016.
- 2017 Invited speaker and participant, NIH Fogarty Global Health Fellows Program Orientation and Training, “Implementation Science: Design Considerations”. National Institutes of Health, Washington, D.C. July 2017.
- 2017 Invited speaker, Harvard T. H. Chan School Summer Program in Biostatistics and Computational Biology, “Nutritional Supplements During Pregnancy: From Research to Public Health Practice”. Boston, M.A., July 2017.
- 2017 Invited speaker, China-Harvard-Africa Network: A Trilateral Partnership for Global Health. “Africa Asia Roundtable Shared Challenges, Shared Responsibilities”. Cambridge, MA, October 2017.
- 2017 Invited keynote speaker, Global Health Forum, “Is China’s Experience in Health Development Replicable in Africa?” Beijing, China, October 2017.
- 2017 Organizer and speaker, Harvard Worldwide Week Featured Event, “Global Health and the Future Role of the United States.” Boston, M.A., October 2017.
- 2017 Invited speaker, Harvard T. H. Chan School of Public Health, Nutrition Department 75th Anniversary Symposium, “Global Nutrition: Progress and Opportunities”, Boston, M.A., November 2017
- 2017 Co-organizer and participant, 9th Annual Nutrition and Global Health Symposium, Agriculture, Nutrition, Health, and the Environment in Africa, Boston, M.A., November 2017.
- 2018 Co-presenter, Mohamed Bin Rashid University and Harvard Medical School Research Center in Dubai, “Prenatal Iron, Folate and Calcium Supplements: From Evidence to Policy and Programs.” Dubai, UAE, February 2018.
- 2018 Invited speaker, Harvard T. H. Chan School of Public Health, Maternal and Child Health/ Children, Youth and Families Seminar, “Global Adolescent Health and Nutrition: Gaps in Evidence and Practice.” Boston, M.A., February 2018.

- 2018 Invited panelist, Our Time: Our Vision: Wielding Africa's Potential for Sustainable Growth, Harvard University 9th Annual Development Conference, "Playing the Long Game: Governance Improvement, Systems Strengthening, and the Adoption of Modern Technological Innovations in Healthcare" Cambridge, M.A., March 2018.
- 2018 Co-organizer, Inaugural Global Mental Health Open Day, Harvard University. Boston, M.A., April 2018.
- 2018 Moderator, Accelerator Workshop on Climate Change, Agriculture and Health in Africa, Radcliffe Institute for Advanced Study, Harvard University, May 2018.
- 2018 Invited speaker, BMGF-Funded and Harvard-Affiliated MNCH Clinical Trials Meeting, "Towards exploring harmonization." Boston, M.A., June 2018.
- 2018 Invited speaker, Harvard Ministerial Leadership Program, "Nutrition in the First 1000 Days for Surviving and Thriving." Cambridge, M.A., June 2018.
- 2018 Invited speaker and participant, NIH Fogarty Global Health Fellows Program Orientation and Training, "Implementation Science: Methods and Examples from Global Nutrition". National Institutes of Health, Washington, D.C. July 2017.
- 2018 Workshop Organizer, "Advancing Adolescent Health and Nutrition through the ARISE Network" Addis Continental Institute of Public Health, Bahir Dar, Ethiopia, October 2018.
- 2018 Invited speaker, Inaugural International Lecture. Faculty of Population Health Sciences "Advancing Nutrition for Global Health: From Discovery Research to Implementation Science" University College London, London, United Kingdom, November 2018.
- 2018 Invited speaker, Improving Coverage and Quality Services: Evidence for Nutritional Interventions, and Gaps in Implementation Africa Academy for Public Health, January 2018
- 2019 Invited speaker, Reciprocal Capacity Building in Global Health: Faculty Perspectives. Global Cohort of Doctoral Students. Harvard TH Chan School of Public Health March 2019
- 2019 Presenter "Successful NIH Grant Writing Part I: Types of Grants, Identifying Funders, Writing and Selling your Research". HBNU Global Health Training Program, Monthly Mentoring Seminar, April 2019
- 2019 Collaborative Education for Greater Impact: The ARISE Network the McGoldrick Dissemination Day, Harvard T. H. Chan School of Public Health, April 2019
- 2019 Tanzania Infectious Disease Research Training Program. Progress on

- Advancing Research Training in Tanzania. Fogarty International Center, Bethesda, MD May 2019
- 2019 Workshop Organizer and Presenter, “Advancing Global Nutrition for Adolescent and Family Health: Innovations in Research Training. Dubai, United Arab Emirates, July 2019
- 2019 Presenter, “Implementation Science”, Fogarty Global Health Program for Fellows and Scholars: Orientation and Training, Fogarty International Center, Bethesda, MD, July 2019
- 2019 Symposium Organizer and Moderator; 2019 Nutrition and Global Health Symposium, “Food Systems as Drivers of Optimal Nutrition and Health”. Harvard T.H. Chan School of Public Health, November 2019
- 2019 Participant, Collaborative Research and Training: Adolescent Nutrition and Health, Lancet Series on Adolescent, Growth and Nutrition, December 2019, Wellcome Trust, London.
- 2020 Speaker, Updates on Nutrition Interventions: Developments and Gaps in Low Income Countries. Tanzania Food and Nutrition Center, Dar es Salaam, Tanzania, January 2020
- 2020 Chair and Moderator, MUHAS-Harvard Collaborative Symposium on Landscape of Diarrheal Diseases in Children in Tanzania and the Way Forward. Dar es Salaam, Tanzania, January 2020
- 2020 Co-organizer and Speaker, Integrating Quality into Health Systems for HIV Care Services in Tanzania. HIV Implementation Science Research Training Program, Harvard T.H. Chan School of Public Health and Africa Academy for Public Health, January 2020
- 2020 Panelist on Strategies for the Diaspora to Support the Africa CDC and the Countries in Africa. In: Addressing COVID-19 COVID-19 in Africa and African in Diaspora United Webinar. Africa CDC and Constituency for Africa. May 2020
- 2020 Moderator, Africa’s Healthcare Response to COVID-19. Harvard University Center for African Studies and Africa CDC Webinar Series. May 2020
- 2020 Moderator, Africa’s Healthcare Response to COVID-19. Harvard University Center for African Studies and Africa CDC Webinar Series. May 2020
- 2020 Presenter, “Implementation Science in Global Health: Methods and Application”, Fogarty Global Health Program for Fellows and Scholars: Orientation and Training, Fogarty International Center, Bethesda, MD, July 2020
- 2020 Presenter, “Healthy Protective Foods for Our Immune System and COVID-19”. Culinary Institute of America and Harvard T.H. Chan School of Public Health,

July 2020

- 2020 Moderator, Webinar USAID Feed the Future Innovation Lab Webinar on Women's Diets, Roles in Agriculture, and Nutrition. Boston, MA in September 2020
- 2020 Convenor, "Women and the Changing Face of Entrepreneurship in Africa", Harvard Center for African Studies October 1-2, 2020
- 2021 Panelist, at "Adolescent Nutrition: Current Progress and Looking Ahead", Emergency Nutrition Network, UNICEF and Save the Children, February 9-10, 2021
- 2021 Vitamin D and Infectious Disease: New Evidence and Future Directions, with Chris Sudfeld. Department of Nutrition, HSPH, March 1, 2021
- 2021 Discussant, "What can be learned from the antenatal calcium trials (including maternal and child bone health)?" New York Academy of Sciences, March 2, 2021
- 2021 Convenor, "Africa's Water Opportunity - Science, Sustainability, and Solutions", Harvard Center for African Studies April 21-22, 2021
- 2021 Adolescent Health in Africa: Challenges and Opportunities, Department of Global Health and Population, HSPH, May 4, 2021
- 2021 Nutrition Interventions in Africa at "Climate Change, Nutrition and Health: Global Challenges and Potential Solutions Symposium", Heidelberg University, May 5-7, 2021
- 2021 Convenor, "Africa Asia Roundtable – Pandemics: Surveillance, Preparedness and Response", Harvard Center for African Studies May 18-19, 2021
- 2021 Convenor, "Partnerships in STEM Innovation and Future Africa: A Virtual Symposium", Harvard Center for African Studies June 9-10, 2021
- 2021 Keynote Address "Establishing and Fostering Partnerships for Global Health Education", Population Medicine and Public Health Symposium., Chinese Academy of Medical Sciences and Peking Union Medical College, 31 August 2021.
- 2021 Moderator, "Agriculture and Nutrition Linkages: Diet Quality, Climate Change and Child Growth" Feed the Future Innovation Lab for Nutrition, September 16-17, 2021
- 2021 Panelist, "Vitamin D and Infectious Disease: Current Evidence and Future Directions" in Undernutrition and infectious Disease, American Society for Tropical Medicine and Hygiene Annual Meeting, November 20, 2021
- 2022 Co-convenor, Africa Academy for Public Health Annual Symposium and 2nd Strategic Plan Launch, Dar es Salaam, Tanzania, January 20, 2022

- 2022 Core Panel Presentation, “Food Systems/Nutrition and the Future of Health in Africa” Future of Health and Economic Resilience in Africa Initiative, Dakar Senegal, March 15, 2022
- 2022 Co-lead, HBNU Fogarty Global Health Research Mentoring Training Workshop, Cape Town South Africa May 23-25, 2022
- 2022 Co-convenor, Data Science Initiative Partnership of the ARISE Network in Africa Launch and Symposium, Durban South Africa, May 26, 2022
- 2022 Co-convenor Global Infectious Disease Symposium, “Malnutrition and Infectious Disease Control in Infancy: Challenges and Opportunities”, Addis Ababa Ethiopia, June 1, 2022
- 2023 Co-convenor, 4th Annual Symposium of ARISE Network, “Translating Research into Practice for Adolescent Health and Nutrition in Sub-Saharan Africa”, Dar es Salaam, Tanzania, January 19, 2023
- 2023 Keynote Address, Africa Health Conference presented by the Harvard Chan Africa Health Students Forum, February 18-19, 2023
- 2023 Co-Presenter, “Implementation Science: Methods and Examples from Global Health,” Global Health Program for Fellows and Scholars/Launching Future Leaders in Global Health Research Training Program (LAUNCH): Orientation and Training, Fogarty International Center, Bethesda, MD, July 2023
- 2023 Co-Lead, “Fogarty Alumni Session: Negotiating a Faculty Job Offer,” Global Health Program for Fellows and Scholars/Launching Future Leaders in Global Health Research Training Program (LAUNCH): Orientation and Training, Fogarty International Center, Bethesda, MD, July 2023
- 2023 Moderator, “Panel: South to South Collaborations and Capacity Building,” Global Health Program for Fellows and Scholars/Launching Future Leaders in Global Health Research Training Program (LAUNCH): Orientation and Training, Fogarty International Center, Bethesda, MD, July 2023
- 2023 Presenter, “Epidemiology of Food Systems, Climate Change, and Malnutrition”, Course on Climate Change, Food Systems, and Remote Sensing with a focus on Health Data Science, Durban, South Africa, July 17, 2023
- 2023 Co-convenor, Annual Symposium for Research Training on Harnessing Data Science for Global Health Priorities In Africa, Durban, South Africa, July 21, 2023

EDITORIAL ACTIVITIES:

- 1999 Reviewer, Wellcome Trust (UK), Vitamin A Tutorial

- 2000-2015 Editorial Board, Nutrition Reviews
- 2002 Reviewer, Chapter on Vitamin A, Risk Assessment, WHO, Geneva.
- 2003-2004 Co-Editor-in-Chief: WHO Monograph on Nutrition and HIV/AIDS with Professor Andrew Tomkins, University of London.

Reviewer: American Journal of Clinical Nutrition, International Journal of Epidemiology, Journal of AIDS and Human Retrovirology, Journal of Pediatrics, Nutrition, Pediatric Infectious Diseases Journal, Bulletin of the World Health Organization, Lancet, New England Journal of Medicine.

BIBLIOGRAPHY:

Peer-reviewed Reports

1. Herrera MG, Nestel P, el Amin A, Fawzi WW, Muhammad KA, Weld L. Vitamin A supplementation and child survival. *Lancet*. 1992; 340:267-71.
2. Fawzi WW, Herrera MG, Nestel P. Vitamin A supplementation in malnourished Sudanese children. *International Journal of Vitamins and Nutrition Research*. 1992; 62:344.
3. Fawzi WW, Herrera MG, Willett WC, el Amin A, Nestel P, Lipsitz S, Spiegelman D, Mohamed KA. Vitamin A supplementation and dietary vitamin A in relation to the risk of xerophthalmia. *American Journal of Clinical Nutrition*. 1993; 58:385-91.
4. Fawzi WW, Chalmers TC, Herrera MG, Mosteller F. Vitamin A supplementation and child mortality. A meta-analysis. *Journal of the American Medical Association*. 1993; 269:898- 903.
5. Nestel P, Herrera MG, el Amin A, Fawzi WW, Muhammad KA, Weld L. Risk factors associated with xerophthalmia in northern Sudan. *Journal of Nutrition*. 1993; 123:2115-21.
6. Al-Odori W, Armijo-Hussein N, Fawzi WW, Herrera MG. Child nutrition and armed conflicts in Iraq. *Journal of Tropical Pediatrics*. 1994; 40:32-36.
7. Fawzi WW, Herrera MG, Willett WC, Nestel P, el Amin A, Lipsitz S, Mohamed KA. Dietary vitamin A intake and the risk of mortality among children. *American Journal of Clinical Nutrition*. 1994; 59:401-8.
8. Fawzi WW, Herrera MG, Willett WC, Nestel P, El Amin A and Mohamed KA. Dietary vitamin A and the incidence of diarrhea and respiratory infections among Sudanese children. *Journal of Nutrition*. 1995; 125:1211-21.
9. Msamanga GI, Fawzi WW. The double burden of HIV infection and tuberculosis in sub-Saharan Africa (Editorial). *New England Journal of Medicine*. 1997; 337:849-51.
10. Fawzi W. Environmental Factors that impact the efficacy of Vitamin A supplements

among children. *Environmental and Nutritional Interactions* 1997;1:299-333.

11. Fawzi WW, Herrera MG, Willett WC, Nestel P, el Amin A, Mohamed KA. The effect of vitamin A supplementation on the growth of preschool children in the Sudan. *American Journal of Public Health*. 1997; 87:1359-62.
12. Fawzi WW, Herrera MG, Spiegelman DL, el Amin A, Nestel P, Mohamed KA. A prospective study of malnutrition in relation to child mortality in the Sudan. *American Journal of Clinical Nutrition*. 1997; 65:1062-9.
13. Fawzi WW, Forman MR, Levy A, Graybeard BI, Naggan L, Berendes HW. Maternal anthropometry and infant feeding practices in Israel in relation to growth in infancy: the North African Infant Feeding Study. *American Journal of Clinical Nutrition*. 1997; 65:1731-7.
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Book Chapters

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4. Wafaie Fawzi, Tang Kun and Alex Taylor Covid-19 provides important lessons about global cooperation in public health 29 July 2021 <https://www.dailymaverick.co.za/article/2021-07-29-covid-19-provides-important-lessons-about-global-cooperation-in-public-health/>
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Narrative Report

Research Program Leader: As an investigator and scholar in global health, I founded and continue to lead the Nutrition and Global Health Program, an inter-departmental initiative at Harvard T. H. Chan School of Public Health (HSPH). I designed, sought funding for, and implemented more than 30 randomized controlled trials and set up numerous observational epidemiologic studies of maternal, child and adolescent health, and major infectious diseases. My team's work generated new knowledge on the discovery and translation of interventions to enhance maternal and child health and human development, published this work in over 500 original research papers and reviews, and spurred the translation of evidence into policy and programs. To advance this agenda, I bring together collaborators in multiple disciplines across departments within HSPH and schools at Harvard with global partners at other academic and research institutions.

Chair, Department of Global Health and Population (GHP) at HSPH: As an academic administrator and leader during an 8-year period (2011-2018), I was successful in breaking down silos and building interdisciplinary teams within GHP, one of 9 departments at HSPH. As department chair, I led key initiatives, including the development of a departmental long-term vision and strategic plan, and initiated targeted innovative programs enabling inter-departmental collaboration; recruited 17 primary faculty; and expanded research and training initiatives resulting in tripling of the department's size as measured by annual budget (~\$32M). On education, I led the revision of curricula for the master's and doctoral degree programs, and launched Global Health Week, an annual event that addresses pressing global health topics and engages the department with the global community of scholars and teachers. The Department also boosted its collaboration with other departments at the School and with other schools to draw on the extensive talents across the University, and strengthened partnerships across the globe, particularly with China, India, and Africa.

Leadership in Education: I designed, pursued funding for, and led the implementation of 10 training programs to build capacity of the next generation of leaders with global partners, providing long-term training for several hundred public health professionals in Africa and enhancing diversity of future global health leaders in the US. With the Harvard Kennedy School, I developed an educational platform to stimulate multidisciplinary efforts relating nutrition, agriculture, health, and the environment. These educational programs included curriculum development and provision of training across the spectrum from undergraduate training to mentoring of junior faculty. Throughout my career I developed courses for graduate and undergraduate students; advised master's students; and mentored >80 postdoctoral fellows and doctoral students who went on to leading roles in academia and public health practice in the US and worldwide.

Program Leader on Public Health Practice for HIV/AIDS Care and Treatment Translation: In partnership with CDC and the Office of the US Global AIDS Coordinator, I developed and led a major PEPFAR-funded initiative in Tanzania in 2004 as part of the first wave of grants to scale up life-saving interventions in Africa, providing HIV/AIDS care and treatment to more than 150,000 individuals in Dar es Salaam, strengthening the health care system, and building a robust learning platform that provided opportunities for students and junior professionals to synthesize and disseminate knowledge that was critical for further scale up within Tanzania and beyond. After leading this program successfully for 10 years, I transitioned the program to MDH (Management and Development for

Health), a national organization that I co-founded with Harvard partners, now recognized as a major player in implementation of public health programs across Tanzania.

Global Institutional Development: In 2009, I co-founded the Africa Academy for Public Health (AAPH) registered as an independent entity in Dar es Salaam, building on longstanding collaboration that my team has sustained with multiple institutions in Tanzania. AAPH seeks to improve health in the Africa region through collaborative research, education, and knowledge translation. With AAPH, I established and lead the Africa Research, Implementation Science, and Education (ARISE) Network with leading academic institutions in nine African countries to promote training of public health leaders in multidisciplinary fields through South-South and South-North institutional partnerships. ARISE has been successful in two tracks: training in implementation science methods for African partners and advancing a robust research agenda on adolescent health. We provided training opportunities for students and fellows from Harvard and partner universities. To further foster cross-regional collaboration in research and education, I co-founded and lead the China Harvard Africa Network (CHAN) with leading academic centers and policy makers in China and Africa. I have also developed a strong and active platform for collaboration with partners in South Asia, particularly in India and Bangladesh.

Director, Harvard Center for African Studies (CAS): I served as Interim Oppenheimer Faculty Director of CAS in 2020-2021 (while the Director was on sabbatical). In spite of the major challenges associated with COVID-19, the Center has thrived during this period: we doubled the number of affiliates as I engaged with faculty from schools across the university; expanded the traditional realm of African Studies that focus on social sciences to include STEM through the establishment with University leadership of a new faculty grant program that brings Harvard scholars with partners in Africa; convened a series of high profile conferences and roundtables on the impact of COVID-19 and opportunities for global cooperation; and strengthened support of undergraduate and graduate students, and postdoctoral fellows focusing on Africa.

Global Engagement and Service: I served on several technical committees of the National Academy of Medicine and of the World Health Organization and UNICEF; on the Advisory Council of the Fogarty International Center at NIH; Scientific Advisory Group of the International Center for Diarrheal Disease Research Bangladesh; Global Health Advisory Board of Pasteur Institute, Paris; and on numerous review panels for research and training initiatives of US and global funding agencies, foundations, and academic institutions.

Fundraising: Financial resources are essential for realizing ideas to advance our field and I have enjoyed raising funds to establish various research and training programs. I led the efforts to obtain more than \$180 million from the National Institutes of Health, Centers for Disease Control and Prevention, and various foundations, mostly as Principal Investigator on initiatives that brought together global partners across departments and disciplines. I have contributed to major fundraising initiatives from philanthropic sources, as department chair and University center director, focusing on priorities to develop research and training initiatives within Harvard and with partners beyond.

Motivated by the spirit of generosity, academic excellence, and respect for diversity that I have personally experienced, I am dedicated to give back and nurture open communities of

discovery, learning and service across the world.