

CURRICULUM VITAE
MUKTAR HASSAN ALIYU

Office:

Vanderbilt Institute for Global Health
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EDUCATION AND POST-GRADUATE TRAINING

1993	Ahmadu Bello University, Nigeria, <u>MBBS</u> , Medicine & Surgery
2002	George Washington University, Washington, DC, <u>MPH</u> , Epidemiology & Biostatistics
2005	University of Alabama at Birmingham, Birmingham, AL, <u>DrPH</u> , Public Health
2008	Meharry Medical College, Nashville, TN, <u>Medical Residency</u> , Occupational Medicine
2009	Mayo Clinic, Rochester, MN, <u>Clinical Fellowship</u> , Preventive Medicine

BOARD CERTIFICATION AND MEDICAL LICENSURE

MEDICAL LICENSES IN:

Nigeria: FM 22272 (1995)
USA: Minnesota #51033 (2008)
USA: Tennessee #44687 (2009)

ADDITIONAL CERTIFICATIONS BY EXAMINATION:

- Examination Council for Foreign Medical Graduates certificate (2006)
- Advanced Cardiac Life Support (renewed 2019)
- Medical Review Officer Certification Council (2008, renewed 2014, 2020)
- National Registry of Certified Medical Examiners, 2014
- American Board of Preventive Medicine (board-certified, Occupational Medicine, renewed 2019)
- American Board of Preventive Medicine (board-certified, Public Health & Preventive Medicine, renewed 2020)

PROFESSIONAL APPOINTMENTS

ACADEMIC AND GOVERNMENT

08/97-04/01	Associate Lecturer (Public Health), Bayero University, Kano, Nigeria
01-03/2001	Central Facilitator, Polio Eradication Initiative, Federal Ministry of Health, Nigeria
01/02-08/02	Research Associate, Department of Medicine, Howard University Hospital, USA
09/02-05/05	Research Assistant, School of Public Health, Univ of Alabama at Birmingham, USA
05/05-06/06	Research Associate, School of Medicine, University of Alabama at Birmingham, USA
12/08-06/09	Assistant Professor, Preventive Medicine, Mayo Clinic College of Med., Rochester, MN, USA
06/09-07/12	Assistant Professor, Family Medicine, Vanderbilt University School of Medicine, Nashville, USA
06/09-06/13	Assistant Professor, Preventive Medicine, Vanderbilt Institute for Global Health, Nashville, USA
06/09-10/13	Program Director, Friends in Global Health-Nigeria, Abuja, Nigeria
10/10-02/14	Assistant Professor, Family and Community Medicine, Meharry Medical College
10/10-06/22	Associate Director, Occupational Medicine Residency Program, Meharry Medical College
07/13-06/19	Tenured Associate Professor, Health Policy, Vanderbilt University School of Medicine
07/13-06/19	Tenured Associate Professor, Medicine, Vanderbilt University School of Medicine
02/14-05/20	Associate Professor, Family and Community Medicine, Meharry Medical College
02/14-06/22	Associate Director (Research), Vanderbilt Institute for Global Health
05/20-06/22	Professor, Family and Community Medicine, Meharry Medical College
03/14-present	Outcomes & Evaluation Lead, Vanderbilt Faculty and Staff Health & Wellness

07/17-present Affiliate Faculty, Center for Clinical Quality and Implementation Research, Vanderbilt Institute for Medicine and Public Health
 07/19-present Tenured Professor, Health Policy, Vanderbilt University School of Medicine
 07/19-present Tenured Professor, Medicine, Vanderbilt University School of Medicine
 04/21-present Scholar, Center for Health Services Research, Vanderbilt Institute for Medicine and Public Health
 07/21-present Co-Director, MPH Program, Epidemiology Track, Vanderbilt University School of Medicine
 07/22-present Director, Vanderbilt Institute for Global Health
 07/22-present VUMC Endowed Directorship in Global Health

HONORARY APPOINTMENTS

2012- 2015 Visiting Professor, Community Medicine, Bayero University, Kano, Nigeria
 2020 Visiting Professor, Community Medicine, University of Bisha, Saudi Arabia
 2023-2024 Visiting Consultant in Community Medicine, Aminu Kano Teaching Hospital, Nigeria

HOSPITAL APPOINTMENTS

01/94-06/95 Intern, Murtala Mohammed Hospital, Kano, Nigeria
 06/95-07/96 NYSC, Guards' Brigade Medical Center, Abuja, Nigeria
 08/96-05/00 Registrar, Community Medicine, Aminu Kano Teaching Hospital, Nigeria
 09/98-12/00 Registrar (supernumerary), Public Health, Jos University Teaching Hospital, Nigeria
 08/99-12/99 Medical Superintendent, Comprehensive Health Center, Gindiri, Nigeria
 05/00-04/01 Senior Registrar, Community Medicine, Aminu Kano Teaching Hospital, Nigeria
 07/06-06/08 Resident, Occupational Medicine, Meharry Medical College, Nashville, TN, USA
 07/07-06/08 Chief Resident, Occupational Medicine, Meharry Medical College, Nashville, TN, USA
 07/08-06/09 Senior Clinical Fellow, Mayo Clinic, Preventive Medicine, Rochester, MN, USA
 10/09-present Attending Physician (Consultant) , Occupational Health Clinic, Vanderbilt University Medical Center, USA

PROFESSIONAL ORGANIZATIONS

American College of Occupational and Environmental Medicine (**Fellow**, 2012–; **Member, Board of Directors**, 2015-2016, re-elected 2018-2021)
 American College of Preventive Medicine (**Fellow**, 2012–)
 Tennessee College of Occupational and Environmental Medicine (**President**, 2015-16)
 International AIDS Society (**Member**, 2009–)
 American Association for the Advancement of Science (**Member**, 2013–)

PROFESSIONAL ACTIVITIES

AWARDS AND HONORS

1994 **Ransome Kuti Prize in Community Medicine**, Ahmadu Bello University, Nigeria
 2002 **Academic Merit Scholarship**, George Washington University, Washington, DC
 2002 **Dean's List**, George Washington University, Washington, DC
 2002 **Cooperative Education Achievement Award**, George Washington University, Washington, DC
 2004 **Election** to Phi Beta Delta Honor Society for International Scholars
 2005 **Election** to Delta Omega Honorary Society in Public Health
 2005 **International Student Award for Academic Excellence**, Univ of Alabama at Birmingham
 2005 **Outstanding Doctoral Student Award** (Dean's Award), School of Public Health, University of Alabama at Birmingham
 2007 **Resident Research Award**, American College of Occupational and Environmental Medicine
 2007 **Resident Research Award**, Family and Community Medicine, Meharry Medical College
 2007 **Dean's Award for Excellence in Teaching**, School of Graduate Studies & Research, Meharry Medical College
 2008 **Chief Resident Award**, Meharry Medical College

- 2009 **Outstanding Poster Award**, American College of Preventive Medicine, Preventive Medicine 2009, Los Angeles, CA
- 2009 **William H.J. Summerskill Award for Outstanding Achievement in Research**, Mayo Foundation for Medical Education and Research
- 2009 **IAS/NIH Travel Award**, International AIDS Society Conference, Cape Town, South Africa
- 2011 *Marquis' Who's Who in Medicine and Healthcare*, 8th Edition
- 2012 **Fellow**, American College of Occupational and Environmental Medicine
- 2012 **Fellow**, American College of Preventive Medicine
- 2014 **William Kane 'Rising Star' Award**, American College of Preventive Medicine
- 2014 **UAB Alumni Award for Scientific Excellence**, University of Alabama at Birmingham
- 2015 **Chancellor Faculty Fellow**, Vanderbilt University
- 2018 **Academic Faculty Leadership Award**, Meharry Med College, Dept. of Family & Comm. Med.
- 2019 **Outstanding Clinical Faculty Award**, Meharry Med. College, Dept. of Family & Comm. Med.
- 2021 **Election** to American Society for Clinical Investigation
- 2021 **Academic Faculty of the Year**, Meharry Medical College, Dept. of Family & Comm. Medicine
- 2021 **Award of Excellence**, Aminu Kano Teaching Hospital, Kano, Nigeria
- 2021 **Zenith Global Health Award**, London, U.K.
- 2021 **Health Policy Impact Award**, COVID-19 Policy Group, Department of Health Policy, Vanderbilt University Medical Center

REVIEW ACTIVITIES

- 2005 **Reviewer**, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, DP-06-002 Pregnancy Risk Assessment Monitoring System Special Emphasis Panel. Feb 15-17, 2006. Atlanta, GA
- 2008 **Reviewer**, Fogarty International Clinical Research Fellows Program, NIH/Fogarty International Clinical Research Scholars Support Center at Vanderbilt University/American Association of Medicine Colleges
- 2010-15 **Reviewer**, Deep South Center for Occupational Health & Safety, National Institute for Occupational Safety and Health (NIOSH), Pilot/Small Projects Research Training Program
- 2011 **Reviewer**, U.S. National Institutes of Health, National Institute of Mental Health, HIV RFA 12-060, 12-061: Promoting Engagement in Care and Timely Antiretroviral Initiation Following HIV Diagnosis. November 18, 2011, Washington, D.C.
- 2012 **Reviewer**, Health Resources and Services Administration, HRSA-12-025 Primary Care Training and Enhancement Interdisciplinary and Interprofessional Joint Graduate Degree Program. May 24-25, 2012.
- 2015 **Reviewer**, U.S. National Institutes of Health, NIH-PEPFAR Collaboration on Implementations Science for HIV: Towards an AIDS-free generation (R01), Study Section, Washington, D.C.
- 2016 **Reviewer**, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, RFA-DP-16-001: Pregnancy Risk Assessment Monitoring System, Component A, Special Emphasis Panel ZDP1 KVA (A2). January 27-28, 2016.
- 2015-17 **Reviewer**, U.S. National Institutes of Health, Center for Scientific Review (CSR), AIDS, Clinical Studies, and Epidemiology (ACE) Study Section, Washington, D.C.
- 2017 **Reviewer**, U.S. National Institutes of Health, Fogarty HIV Research Training Programs for Low- and Middle-Income Country Institutions ZRG1 AARR-N(57), December 12, 2017, Bethesda, MD
- 2018 **Reviewer**, U.S. National Institutes of Health, ZRG1 BDCN-S (02), Fogarty Emerging Global Leader Award, May 29, 2018.
- 2018 **Reviewer**, U.S. National Institutes of Health, Special Emphasis Panel, Fogarty HIV Research Training Programs in Low- and Middle-Income Country Institutions (PAR16-280; PAR16-281; PAR18-717), December 6, 2018, Washington, DC.
- 2019 **Reviewer**, U.S. National Institutes of Health, Center for Scientific Review (CSR), International and Cooperative Projects (ICP1) Study Section, April 2-3, 2019, Washington, DC.
- 2019 **Reviewer**, U.S. National Institutes of Health, Center for Scientific Review (CSR), International and Cooperative Projects (ICP1) Study Section, June 28, 2019, Washington, DC.

- 2020 **Reviewer**, U.S. National Institutes of Health, Center for Scientific Review (CSR), International and Cooperative Projects (ICP1) Study Section, February 28, 2020.
- 2021 **Reviewer**, U.S. National Institutes of Health, Center for Scientific Review (CSR), International and Cooperative Projects (ICP1) Study Section, March 10, 2021.
- 2021 **Reviewer**, U.S. National Institutes of Health, Center for Scientific Review (CSR), International and Cooperative Projects (ICP1) Study Section, July 22, 2021.
- 2022 **Co-Chair**, U.S. National Institutes of Health, Center for Scientific Review (CSR), International and Cooperative Projects (ICP1) Study Section, April 6, 2022.
- 2022 **Reviewer**, U.S. National Institutes of Health, Center for Scientific Review (CSR), International and Cooperative Projects (ICP1) Study Section, June 15, 2022.
- 2023 **Reviewer**, Fogarty Global Infectious Diseases ZRG1 DCAI-D (55), Center for Scientific Review Special Emphasis Panel, December 8th, 2023.

Editorial Board:

BMC Public Health, PLOS Global Health, Case Reports in Obstetrics and Gynecology, Current HIV Research, International Journal of Environmental Research & Public Health

Journal Reviewer:

AIDS Care; American Journal of Perinatology; American Journal of Preventive Medicine; American Journal of Obstetrics and Gynecology; BMC International Health; BMC Public Health; BMC Research Notes; Ethnicity & Disease; International Journal of Gynecology & Obstetrics; International Journal of Hygiene and Environmental Health; Journal of the National Medical Association; Journal of Acquired Immune Deficiency Syndrome; Journal of Occupational and Environmental Medicine; Lancet; Maternal and Child Health Journal; Medical Science Monitor; Obstetrics & Gynecology; PLoS One

OTHER PROFESSIONAL ACTIVITIES**INVITED PRESENTATIONS**

- 05/06/09 Meharry Medical College, Division of Preventive and Occupational Medicine Grand Rounds, "Preparing for the ABPM Boards"
- 09/06/09 Vanderbilt University, Institute for Global Health Grand Rounds, "Confronting the HIV Epidemic in Nigeria: Problems, Progress, Prospects"
- 01/10/10 Meharry Medical College, School of Dentistry. "Dental Practitioners and Diagnosis of Fetal Alcohol Spectrum Disorders." Sponsored Talk. Southeast Fetal Alcohol Research and Training Center
- 02/19/10 Vanderbilt Institute for Global Health, 2nd Annual Tennessee Global Health Forum. "The Global/Local Connection: Models and Methods for Successful Projects in Global Health."
- 01/22/11 University of Zambia, Zambian Medical Association, Lusaka, Zambia. "Caring for the Caregivers: A response to the HIV Challenges among Medical Doctors in Zambia." (Invited Keynote Speaker)
- 01/18/11 Meharry Medical College, School of Dentistry. "Dental Health Professionals and Diagnosis of Fetal Alcohol Spectrum Disorders." Sponsored Talk. Southeast Fetal Alcohol Research and Training Center
- 01/18/11 Vanderbilt University School of Medicine. Occupational Medicine Faculty & Physicians Meeting. "Challenges in Implementing Global Health Programs in Developing Countries"
- 02/07/11 Vanderbilt Institute for Global Health. World Health Week 2011. "Meeting Local Needs with Global Health Initiatives. A Global Health Week Panel"
- 03/30/11 Vanderbilt Institute for Global Health. International Healthcare Symposium. Panel Discussion. "Interdisciplinary Initiatives in Global Health."
- 04/08/11 University of Tennessee, Knoxville. Department of Obstetrics and Gynecology Grand Rounds. "The Peril of Alcohol Use in Pregnancy: Fetal Alcohol Spectrum Disorders"
- 02/14/12 Meharry Medical College, School of Dentistry. "Dental Health Professionals and Diagnosis of Fetal Alcohol Spectrum Disorders." Sponsored Talk. Southeast Fetal Alcohol Research and Training Center

- 09/04/12 Louisiana State University. "Prevention, Screening and Diagnosis of Fetal Alcohol Spectrum Disorders." Sponsored Talk. Southeast Fetal Alcohol Research and Training Center
- 10/15/12 Jackson State University. "Prevention, Screening and Diagnosis of Fetal Alcohol Spectrum Disorders." Sponsored Talk. Southeast Fetal Alcohol Research and Training Center
- 12/17/12 Aminu Kano Teaching Hospital, Department of Community Med Grand Rounds "The Challenges and Promise of Academic Partnerships in Global Health". Kano, Nigeria
- 02/18/13 Vanderbilt University School of Medicine. "Maternal and Child Health: A Local and Global Panel Discussion" Light Hall, Vanderbilt University Medical Center
- 03/14/13 Fogarty International Center/National Institutes of Health. "Optimizing Integrated PMTCT Services in rural Northcentral Nigeria". PMTCT/ PEPFAR Implementation Science Network Meeting. March 14, 2013, Bethesda, MD.
- 06/07/13 East Tennessee State University. "Prevention, Screening and Diagnosis of Fetal Alcohol Spectrum Disorders." Sponsored Talk. Southeast Fetal Alcohol Research and Training Center
- 09/09/13 University of Arizona, Mel and Enid Zuckerman School of Public Health. Grand Rounds, "Challenges and Opportunities in Optimizing PMTCT Services in Resource-limited Settings: the Friends in Global Health Experience". Tucson, AZ.
- 09/21/13 Meharry Medical College, Department of Family and Community Medicine. 4thAnnual Primary Care Conference. "Travel Medicine: A Quick Update."
- 09/25/13 Nigeria Infectious Disease Society Annual Conference. "Challenges and Opportunities in Optimizing PMTCT Services in Resource-limited Settings." Abuja, Nigeria.
- 01/17/14 University of Ghana School of Public Health, Leggon. Cardiovascular Research Training (CaRT) Program. "Study Design Considerations and Principles of Disease Screening".
- 02/22/14 "Healthy Women = Healthy Nations: What Will It Take to Make It Happen?" Nursing Leadership in Global Health Symposium, Nashville, TN
- 09/05/14 University of Alabama at Birmingham, School of Public Health Lecture Series, 2014 Alumnus Award for Scientific Excellence. "Challenges and Opportunities in Optimizing HIV/AIDS Service Delivery in Resource-Limited Settings: Implementation Science and the Future of the HIV Epidemic", Birmingham, AL.
- 05/27/15 National Institutes of Health. Optimizing PMTCT Services in rural North central Nigeria: Preliminary Results". PMTCT/ PEPFAR Implementation Science Network Meeting, George Washington University, Washington, D.C.
- 09/20/15 Korle Bu Teaching Hospital, Accra, Ghana. "Mentoring from Afar: Mutual Responsibilities, Mutual Benefits". SPRING Trial: 2015 Meeting, Accra, Ghana.
- 05/26/17 "Tips to a Rewarding Career in Preventive Medicine". Careers Panel, Preventive Medicine 2017, Portland, OR.
- 07/16/18 "Time Management and Global Health Research". Fogarty International Center, 2018 Fogarty Fellows Orientation, Washington, D.C.
- 02/04/19 "The Nigeria Renal Risk Reduction Trial: An Update". Vanderbilt Institute for Global Health Grand Rounds, Nashville, TN.
- 02/25/19 "The Renal Risk Reduction Trial: Addressing Chronic Kidney Disease in Persons Living with HIV in Nigeria". Global Health Conference Series, Ochsner Clinic Foundation, New Orleans, Louisiana.
- 06/25/19 "Bridging the Childhood Epilepsy Treatment Gap in northern Nigeria (BRIDGE)". Fogarty International Center. Global Brain Network Meeting. Bethesda, MD.
- 07/05/19 "Time and Program Management in Global Health Research". Fogarty International Center, 2019 Fogarty Fellows Orientation, Washington, D.C.
- 10/11/19 "Sparkman Center for Global Health @ 40: My Global Health Journey". Keynote Speaker, Sparkman Center for Global Health, University of Alabama at Birmingham, Birmingham, Alabama.
- 02/24/20 "Building Research Capacity in HIV and NCDs in Nigeria". Vanderbilt Institute for Global Health, Global Health Grand Rounds, Nashville, Tennessee.
- 03/10/20 "Establishing & Sustaining Global Health Research Collaborations". Visiting Professorship Talk, University of Bisha, Kingdom of Saudi Arabia.

09/25/20	“Renal Risk Reduction in Nigeria (R3) Trial: Phase 1 Findings”. Center for Clinical Quality and Implementation Research Rounds, Vanderbilt University Medical Center.
10/09/20	“Building Global Health Research Collaborations”, Global Health Grand Rounds, University of Tennessee Health Science Center.
03/14/21	“Vanderbilt in Nigeria: From Global Health Service to Research and Capacity Building”, Nigeria Institute for Medical Research, Lagos, Nigeria.
03/23/21	“Building Global Health Capacity in Nigeria. From Service to Research and Training”, The African Clinical Investigators’ Summit, 2021, Lagos, Nigeria.
10/6/22	“Determining the Etiology of Persistent Microalbuminuria in Nigeria”, Renal Grand Rounds, Vanderbilt University Medical Center, Nashville, TN.
10/26/22	“Training in Global Health”, Vanderbilt University Medical Center, Strategy Share 2022; Nashville, TN.
06/23/23	“Interventions for reducing the non-communicable disease burden in Nigeria: Experience from the Vanderbilt Institute for Global Health”, Association of Nigerian Physicians in the Americas (ANPA) National Scientific Conference, New York, NY.

COMMITTEES AND ADVISORY BOARDS

07/07 – 06/08	Graduate Medical Education Committee, Meharry Medical College
07/08 – 06/09	CPC Diversity Subcommittee, Mayo Clinic, Rochester, Minnesota
03/10 – 02/12	Adolescent Health Committee, American College of Preventive Medicine
04/11/12	Conference Chair, Tennessee College of Occupational and Environmental Medicine. 2012 Spring Meeting, Franklin, TN
05/11 – 02/12	American College of Preventive Medicine. Preventive Medicine 2012 Planning Committee
06/11 – 06/14	Co-Lead, Global HIV Scientific Working Group, Vanderbilt-Meharry Center for AIDS Research (CFAR)
11/2015	Multicultural University Courses Committee, Vanderbilt University School of Medicine
11/12 – 01/16	Diversity Committee, MPH Program, Vanderbilt University
06/14 – 09/17	Interviews Admissions Committee, Vanderbilt University School of Medicine
06/15 – 03/16	Vanderbilt Institute for Global Health, Faculty Search Committee
01/17 – 12/17	VIGH Director Search Committee, Vanderbilt Institute for Global Health
10/16 – 11/19	International Strategy Working Group, Vanderbilt University
08/06 – 07/19	MSPH Faculty Advisory Committee, Meharry Medical College
07/06 – present	Occupational Medicine Residency Advisory Committee, Meharry Medical College
05/10 – 06/22	Occupational Medicine Residency Directors’ Committee, American College of Occupational & Environmental Medicine
11/10 – present	Preventive Medicine Residency Advisory Committee, Mayo Clinic College of Medicine
09/11 – present	Preventive Medicine Residency Advisory Committee, Meharry Medical College
10/12 – present	Management Team, Vanderbilt Institute for Global Health
04/15 – present	MPH Advisory Committee, Vanderbilt University School of Medicine
12/16 – present	PhD Epidemiology Admissions Committee, Vanderbilt University School of Medicine
09/17 – 06/22	Executive Admissions Committee, Vanderbilt University School of Medicine
03/18 – present	Appointment, Promotions & Tenure Committee, Department of Health Policy, Vanderbilt University School of Medicine
03/19 – present	External Advisory Committee, Sparkman Center for Global Health, University of Alabama at Birmingham
03/19 – 03/22	Chartered Member, U.S. National Institutes of Health, Center for Scientific Review, International and Cooperative Projects (ICP1) Study Section
05/19 – present	Board of Directors, African Health Innovation Center, Accra, Ghana
06/19 – 06/22	Research Director (Community and Global Health), Medical Student Research Immersion Program, Vanderbilt University School of Medicine
07/19 – present	Consulting Faculty, WHO Collaborating Center in Digital Health and Precision Medicine for Tuberculosis, Mayo Clinic, Rochester, MN

09/19 – 08/22	Data Safety Monitoring Board (DSMB), <u>V</u> irological <u>I</u> mpact of <u>S</u> witching from <u>E</u> favirenz and <u>N</u> evirapine based first line ART Regimens to <u>D</u> olutegravir (ViSEND) Study, University of Zambia (funded by Global Fund for AIDS, TB and Malaria and Mylan, Inc.).
11/19 – 10/21	Vanderbilt University Research Council, Subcommittee for International Research and Engagement
12/19 – 11/21	Faculty Search Committee, Department of Health Policy, Vanderbilt University School of Medicine
01/20 – present	PhD Health Policy Admissions Committee, Vanderbilt University School of Medicine
01/20 – 06/20	MPH Director Search Committee, Department of Health Policy, Vanderbilt University School of Medicine
01/20 – 03/22	UCL-Lancet Commission on Nigeria, University College, London, UK
04/20 – present	International Scientific Advisory Board, Africa Center of Excellence in Population Health and Policy, Bayero University, Nigeria
04/20 – 03/22	CircumVent: Community Sourced Ventilator Covid-19 Response Working Group for Nigeria, New York University
04/20 – 03/22	COVID-19 Advisory Group, Department of Health Policy, Vanderbilt University School of Medicine
02/21	Chancellor Faculty Fellows Selection Committee, Vanderbilt University, Nashville, TN
03/21 – 12/22	Executive Committee, Strategy Share 2022, Vanderbilt University Medical Center
04/21 – present	Data Safety Monitoring Board (DSMB), Integration of Hypertension Management into HIV Care in Nigeria: A Task Strengthening Strategy (TASSH Nigeria)
07/23 – present	Advisory Board, Cultural Contexts of Health Initiative, Vanderbilt University
09/21 – 01/22	Search Committee for Director, Division of Infectious Diseases, Department of Medicine, Vanderbilt University Medical Center
10/22 – present	Search Committee for Director, Division of Pediatric Infectious Diseases, Department of Pediatrics, Vanderbilt University Medical Center
11/22 – 05/23	Academic Leadership Program, Vanderbilt University Medical Center
11/22 – present	Training Advisory Committee, Expanding the Pool of Independent Investigators in Implementation Science in Nigeria through HIV Research Training (EXPAND), Institute of Human Virology Nigeria/University of Maryland, Baltimore
03/23 – present	Training Advisory Committee, HIV-associated Tuberculosis Training Program (HATTP), University of Cape Town, South Africa

TEACHING ACTIVITIES

2004	Guest Lecturer, IH 600 Global Health Principles and Practice, University of Alabama at Birmingham
2004–05	Teaching Assistant – IH 601: Tropical Infectious Diseases- University of Alabama at Birmingham
2005–06	Guest Lecturer, IH 608 Project Planning and Evaluation in International Health, University of Alabama at Birmingham
2005–14	Guest Lecturer, IH 601 Tropical Infectious Diseases, Poliomyelitis: Disease Epidemiology and Progress toward Eradication, University of Alabama at Birmingham
2006–07	Instructor, MSPH 73601, Research Design, School of Graduate Studies & Research, Division of Public Health Practice, Meharry Medical College
2008	Instructor, MSPH 71401 Epidemiology II (Advanced) School of Graduate Studies & Research, Meharry Medical College
2009	Co-Instructor, Preventive Medicine and Public Health Course, Mayo Medical School
2010	Instructor, MSPH 70001 Epidemiology I. School of Graduate Studies & Research, Division of Public Health Practice, Meharry Medical College
2010–11	Guest Instructor, Global Health Emphasis Course, Vanderbilt University
2012–21	Instructor, MSPH 71701, Occupational Health I, School of Graduate Studies & Research, Meharry Medical College

2013–22	Instructor, MSPH 72201, Occupational Health II, School of Graduate Studies & Research, Meharry Medical College
2013–14	Instructor, Foundational Skills in Global Health, Vanderbilt University
2013–17	Guest Instructor, Quantitative Methods and Measurements Course, Vanderbilt University
2014–	Guest Instructor, MHS 2410, HIV/AIDS in the Global Community Course, Vanderbilt University
2015–23	Instructor, Essential Skills in Global Health, Vanderbilt University School of Medicine
2018	Guest Instructor, HIST 1269 Introduction to Africa, Vanderbilt University
2019–	Guest Instructor, MSCI 524-5002-01, Medical & Grant Writing for Clinical Investigators, Vanderbilt University School of Medicine

MENTORING AND RESEARCH SUPERVISION

Vanderbilt University Medical Center

- Angela Boehmer, RN (MPH program, Vanderbilt University School of Medicine)
- Benjamin Acheampong, MD (MPH program, Vanderbilt University School of Medicine)
- Carleigh Frazier, BS (MPH program, Vanderbilt University School of Medicine)
- Deidra Parrish, MD, MPH&TM (former FICRS-F fellow; now Infectious Diseases Physician, Lentz Public Health Center, Metro Health Department, Nashville, TN)
- Fatima Yadudu, MD (MPH program, Vanderbilt University School of Medicine)
- Jacqueline Renner-Bangura, FNP (DNP program, Vanderbilt University School of Nursing)
- Jessica Islam, BS (MPH program, Vanderbilt University School of Medicine, now PhD Epidemiology program, University of North Carolina, Chapel Hill)
- Juanita Prieto Garcia, MD (now Scientific Officer, Institute for Medicine and Public Health, Vanderbilt University School of Medicine)
- Kidane Sarko, BS (MPH program, Vanderbilt University School of Medicine)
- Muna Muday, BS (MPH program, Vanderbilt University School of Medicine)
- Sade Arinze, MD (MPH program, Vanderbilt University School of Medicine)
- Selorm Dei-Tutu, MD (MPH program, Vanderbilt University School of Medicine)
- Shellese Shemwell, BS (MPH program, Vanderbilt University School of Medicine)
- Wubishet Belay, MD (MPH program, Vanderbilt University School of Medicine)
- Rebecca Lee, BS (MPH program, Vanderbilt University School of Medicine)
- Maria Sheridan, BS (MPH program, Vanderbilt University School of Medicine)
- Dannielle Gibson, BS (MPH program, Vanderbilt University School of Medicine)
- Layan Ibrahim, BS (MPH program, Vanderbilt University School of Medicine)
- Wuraola Adesinasi, RN, NP (DNP program, Aspen University)
- Kevin Gibas, MD (MPH Program, Vanderbilt University School of Medicine)

VU/VUMC Faculty Mentoring

- Aima Ahonkhai, MD, MPH (Assistant Professor of Medicine)
- Carolyn Audet, PhD, MPH (Associate Professor of Health Policy)
- Deva Sharma, MD (Assistant Professor of Medicine)
- Jessica Perkins, PhD (Assistant Professor, Peabody College)

Vanderbilt University

- Renee Martin-Willett, MA (Medicine, Health & Society)
- Anastasia Lendel (Medicine, Health & Society)
- Kevin Ifiora (Chemical Engineering)
- Meira Kowalski (Medicine, Health & Society)

Meharry Medical College, School of Graduate Studies and Research, MSPH Program

- Kristal Brown, MSPH, PhD (Postdoctoral Researcher, General Internal Medicine, Johns Hopkins Univ)

- Angel Moore, MSPH (Research Coordinator, Duke Clinical Research Institute, Duke Univ)
- Parul Patel, MSPH (CEO, Homewatch CareGivers, Nashville)
- Heather Snell, MSPH (Program Specialist, Metro Nashville Public Health Department)
- Calandra Whitted, MSPH (PhD student, University of Texas Sch of Public Health, Houston)
- Julie Dunlap, MSPH (Co-Founder/CIO, Fathom PBC)
- Breanna Thomas, BS (MSPH program, Meharry Medical College)
- Kessy Jean, BS (MSPH program, Meharry Medical College)
- Brittany Fontana, MSPH (School of Medicine, Meharry Medical College)

Meharry Medical College, Occupational Medicine Residency Program

- Ada Egbuji, MD, MSPH (Attending Physician, Pinnacle Urgent Care, Los Banos, CA)
- Asher Turney, MD, MSPH (Statewide Medical Director, Centurion Managed Care, Nashville, TN)
- Bolanle Ogunde, MD, MPH (Program Director, Occupational Medicine, Meharry Medical College)
- Bhavana Anand, MD, MPH (Attending Physician, My Medical Clinic, Maplewood, MN)
- Elman Nchako, MD, MPH (Attending Physician, Baptist Health, Louisville, KY)
- Erik Benitez, MD (Attending Physician, Concentra Health, Addison, TX)
- Ghino Francois, MD, MSPH (Attending Physician, Ballad Health/Bristol RMC, Bristol, TN)
- Ifeoma Ogbonna, MD, MSPH (Attending Physician, Kaiser Permanente, Clackamas, OR)
- Jose Jeune, MD, MPH (Attending Physician, Con Edison, New York)
- Marc Watkins, MD, MSPH (Chief Medical Officer, The Little Clinic/Kroger Health)
- Muthu Sivasankaran MD, MSPH (Attending Physician, Virtua Urgent Care, Cherry Hill, NJ)
- Pete Obeng, MD (Attending Physician, US HealthWorks, Philadelphia)
- Rakhee Urankar, MD (Attending Physician, University Anesthesiology Associates, Portland, OR)
- Robert Carver, MD (Attending Physician, Concentra Urgent Care, TN)
- Sajidkhan Pathan, MD, MPH (Occupational Medicine Attending, Aurora Health Care, WI)
- Suvag Patnaik, MD, MPH (Attending Physician, Sutter Health, Sacramento, CA)
- T. Renee Williams, MD (Attending Physician, Nashville, TN)
- Vivian Onunkwo, MD, MSPH (Attending Physician, Affinity Health System, WI)
- Wilson Esemé, MD, MSPH (Medical Director, General Electric, Louisville, KY)
- Zhiqiang Chen, MD, PhD (Occupational Medicine Attending, Kaiser Permanente, CA)
- Olatunde Oso, MD, MSPH (Resident, Occupational Medicine Residency Program, MMC)
- Amita Dhatrika, MD (Resident, Occupational Medicine Residency Program, MMC)
- Tamera Means, MD (Resident, Occupational Medicine Residency Program, MMC)
- Amita Dhatrika, MD (Resident, Occupational Medicine Residency Program, MMC)
- Prince Ejindu, MD (Resident, Occupational Medicine Residency Program, MMC)
- Lakshman Somasundaram, MD (Resident, Occupational Medicine Residency Program, MMC)

Meharry Medical College, Preventive Medicine Residency Program

- Cedrina Calder, MD, MSPH (Regional Medical Director, Tennessee State Department of Health)
- Jessica Ruff, MD, MSPH (Clinical Informatics Fellow/ Clinical Instructor, MetroHealth, OH)
- Scottie Bussell, MD, MPH (Attending Physician, Indian Health Service, Parker, AZ)
- Irene Lazarus, MD (Preventive Medicine Resident, Meharry Medical College)

Tulane University, School of Public Health, MPH program

- Ibrahim Yola, MBBS, MPH (Postdoc Research Fellow, Boston University School of Medicine)

University of South Florida, Occupational Medicine Residency Program

- Delphine Fontcha, MD, MPH (Attending Physician, Adventhealth Centra Care, Deland, FL)
- Vikas Jindal, MD, MPH (Attending Physician, Southern California Permanente Medical Group)

Aminu Kano Teaching Hospital, NIGERIA

- Aisha Adamu, MBBS (Consultant Public Health Physician, Aminu Kano Teaching Hospital, Nigeria)
- Amal Galadanci, MBBS (Consultant Hematologist, Aminu Kano Teaching Hospital, Nigeria)
- Aminu Yusuf, MBBS (VECD fellow, Aminu Kano Teaching Hospital, Nigeria)
- Baba Musa, MBBS (Consultant Physician, Aminu Kano Teaching Hospital, Nigeria)
- Ibraheem Karaye, MBBS (Doctor of Public Health program, Texas A&M University)
- Najibah Galadanci, MBBS, MPH (PhD Epidemiology program, University of Alabama at Birmingham)
- Umar Sabo, MBBS (Consultant Pediatric Neurologist, Aminu Kano Teaching Hospital, Nigeria)
- Aisha Nalado, MBBS (VECD fellow, Aminu Kano Teaching Hospital, Nigeria)
- Mansur Ramalan, MBBS (VECD fellow, Aminu Kano Teaching Hospital, Nigeria)
- Fatima Usman, MBBS, MSc (Aminu Kano Teaching Hospital, Nigeria)
- Aliyu Aminu, MBBS (Aminu Kano Teaching Hospital, Nigeria)
- Shehu Kana, MBBS (Aminu Kano Teaching Hospital, Nigeria)
- Hasiya Ismail, MBBS (Aminu Kano Teaching Hospital, Nigeria)
- Fatima Damagum, MBBS (Aminu Kano Teaching Hospital, Nigeria)
- Anas Ismail, MBBS (Aminu Kano Teaching Hospital, Nigeria)
- Hafsat Ibrahim, MBBS (Aminu Kano Teaching Hospital, Nigeria)

University of Zambia

- Alice Hazemba, BSN, PhD (VECD fellow, University of Zambia)
- Freeman Chabala, MS (PhD student, University of Zambia)

RESEARCH GRANT SUPPORT**Ongoing Research Support**

1D43TW012268-01 (Shepherd/**Aliyu**/Nafiu)
NIH/FIC

04/01/22 - 03/31/27
\$298,100.00

Vanderbilt-Nigeria Biostatistics Training Program (VN-BioStat)

This program will harness the longstanding and highly successful research partnership between Aminu Kano Teaching Hospital, Bayero University Kano, and the Vanderbilt Institute for Global Health to establish a platform that will create a cohort of highly skilled Nigerian biostatistics leaders with the capacity to lead independent and collaborative research focused on HIV.

Role: Multiple Principal Investigator

3D43TW009337-11S2 (**Aliyu**/Heimbürger)
Fogarty International Center

01/25/22–06/30/24
\$152,013.00

Vanderbilt-Emory-Cornell-Duke Global Health Fellowship Consortium-Expanding Diversity for Global Equity (EDGE)

This project seeks to evaluate and develop innovative strategies that can be implemented with the overarching goal of ensuring that Fogarty Global Health Fellowship consortia will improve the recruitment and retention of underrepresented minorities in future cycles of the Fogarty Global Health Fellows and Scholars program.

Role: Multiple Principal Investigator

1R01DK127912-01A1 (**Aliyu**/Wester/Musa)
NIH/NIDDK

07/01/21-06/30/24
\$616,525.00

Etiology of Persistent Microalbuminuria in Nigeria

The aims of this study are: 1) To determine the rates of albuminuria and contributing factors in persons living with HIV and compare this to age- and sex-matched HIV-negative adults presenting for routine care at the Aminu Kano Teaching Hospital in Kano, Nigeria; 2) To determine the role that hypertension and other comorbid medical conditions (e.g. sickle cell trait/disease, immune activation/ inflammation from parasitic infestations and tuberculosis, exposure to potentially nephrotoxic antiretrovirals), have on the risk for development of albuminuria.

Role: Multiple Principal Investigator

1G11 TW011819-01 (Aliyu/Wester/Ilyasu) 04/01/21-03/31/24
NIH/FIC \$306,535.01

Vanderbilt-Nigeria Research Administration and Management Training Program (V-RAMP)

V-RAMP will establish a research administration platform at the Aminu Kano Teaching Hospital that will create a cohort of highly skilled Nigerian research administrators that is knowledgeable and compliant with the fiscal, management and ethical standards of sponsored HIV research.

Role: Multiple Principal Investigator

1D43 TW011544 (Aliyu/Wester/Sani) 04/01/20 – 03/31/25
NIH/FIC \$280,000.82

Vanderbilt-Nigeria Building Research Capacity in HIV/Non-communicable Diseases (V-BRCH)

V-BRCH is a coordinated approach to build the capacity of Nigerian investigators to successfully initiate and implement high-quality clinical trials in HIV-associated NCDs. V-BRCH builds upon long-standing and highly successful collaborations between two leading research institutions in Nigeria and the United States.

Role: Multiple Principal Investigator

1U01 DK112271 (Aliyu/Wester) 09/15/17 – 08/31/22
NIH/NIDDK \$647,377.00

Optimal Management of HIV-Infected Adults at Risk for Kidney Disease in Nigeria

This randomized phase 3 clinical trial seeks to evaluate whether or not inhibition of the renin angiotensin aldosterone system with lisinopril in HIV-infected adults will prevent or slow the progression of kidney disease among genetically at-risk northern Nigerian HIV-infected adults.

Role: Multiple Principal Investigator

2D43 TW009337-07 (Aliyu/Heimbürger) 07/01/17 – 06/30/22
Fogarty International Center \$900,000.00

Vanderbilt-Emory-Cornell-Duke Consortium for Global Health Fellows (VECDor)

This training program comprises four institutions with decades-long global partnerships with premier LMIC research institutions in Africa, Asia, Latin America, and the Caribbean. Using a highly efficient support center and multiple sources of co-funding, we will select and deploy 80 to 100 US and LMIC trainees from 2017-2022 with outstanding promise for research careers. VECDor will nurture key members of the global health research workforce of the 21st century.

Role: Multiple Principal Investigator

1R01 NS113171-01 (Trevathan/Abdullahi, MPIs) 08/01/2019 - 07/31/24
NIH/NINDS \$856,096.00

Bridging the Childhood Epilepsy Treatment Gap in Africa (BRIDGE II)

This cluster randomized study of innovative epilepsy care systems and therapies will (a) quantify and map the childhood epilepsy treatment gap in Kano and Kaduna states of Nigeria (60 sites), (b) train, develop, and pilot task-shifted epilepsy care teams to improve epilepsy care access, and (c) develop and pilot innovative epilepsy diagnostic paradigms designed for low resource environments with limited access to electroencephalograms.

Role: Investigator

1R01 DK120814-01A1 (Chakkalakal, PI) 09/15/2019 – 07/31/24
NIH/NIDDK \$533,919.00

Putting Telehealth to the Test: An Evaluation of the Use of Telehealth to Increase the Population-Level Impact of an Employer-Based Diabetes Prevention Program

The Health Plus Diabetes Prevention Program (HP-DPP) is a highly effective employer-based weight management program available to Vanderbilt employees. The purpose of this program is to determine if adding a video-teleconference participation option (as a telehealth platform) can increase the public health impact of the HP-DPP by improving its reach while maintaining its effectiveness.

Role: VUMC Subcontract PI

Completed Research Support

1R21 AI150302-01 Audet (PI) 04/01/20 - 03/31/22
NIAID \$280,000.00

Risk of HIV Acquisition among Traditional Healers in South Africa: Implementing Novel Strategies to Improve Protective Behaviors

This study will allow us to test a novel implementation strategy for delivering PPE training to prevent new HIV infections among a newly identified high-risk population in a region with the world's highest HIV prevalence.

Role: Investigator

1R01 NS094041 (Debaun/Aliyu/Jordan) 08/01/15 – 07/31/21
NIH/NINDS/FIC \$1,020,000.00.

Primary Prevention of Strokes in Children with SCD in Sub-Saharan Africa ('SPRING' Trial)

This dual-center randomized Phase III clinical trial is a continuation of our successful feasibility trial (1R21NS080639), with a goal of determining the efficacy of moderate (20 mg/kg/day) vs. low dose (10 mg/kg/day) hydroxyurea therapy for primary stroke prevention in children with sickle cell anemia in Ghana and Nigeria.

Role: Principal Investigator

1 R21 TW 010899-01 (Trevathan/Aliyu, MPIs) 10/01/17 – 09/30/19
Fogarty International Center \$193,570.00

Bridging the Childhood Epilepsy Treatment Gap in Northern Nigeria (BRIDGE)

This feasibility study will establish a foundation for larger definitive trials of innovative epilepsy care systems and therapies by (a) quantifying and mapping the childhood epilepsy treatment gap in Kano, Nigeria, (b) training, developing, and piloting task-shifted epilepsy care teams to improve epilepsy care access, and (c) developing and piloting innovative epilepsy diagnostic paradigms designed for environments with limited EEG access.

Role: Principal Investigator

TRF 12630 (Debaun, PI) 07/01/16 – 06/30/19
E.W. "AI" Thrasher Research Fund \$375,000.00

Hydroxyurea for Stroke Prevention in Children with Sickle Cell Disease in Africa ('SPRINT' Trial)

The aims of this RCT are to assess the efficacy of moderate dose hydroxyurea (HU) therapy for secondary stroke prevention when compared to low dose HU therapy among children with SCA and to determine whether moderate HU therapy decreases the rate of all-cause hospitalizations when compared to low dose HU therapy.

Role: Investigator

VUMC55996 (200-2015-63553) (Yarbrough, PI) 09/01/15 – 08/31/19
U.S. Centers For Disease Control and Prevention (CDC) \$800,728.00

Monitoring and Coordinating Personal Protective Equipment (PPE) in Healthcare to Enhance Domestic Preparedness for Ebola Response

The PRO project seeks to develop a prototype for a national surveillance system to monitor Personal Protective Equipment (PPE) supply and effective use in preparation for pandemic pathogen events or a bioterrorist attack.

Role: Investigator

U2GGH00922-02 (Gebi, PI) 11/01/15 – 09/29/16
CDC-GAP \$76,314.00

Prime recipient: Friends for Global Health Initiative in Nigeria (FGHiN)

Engaging Indigenous Organizations to Sustain HIV/AIDS program in Nigeria

This service program supports the provision of sustainable, high quality HIV/AIDS services to target populations in Kano, Kaduna, and Gombe states of Nigeria in the most cost effective manner with the active involvement of government, civil society and host communities.

Role: Sub-award PI

- 1R25 TW009337-02 (**Aliyu**/Heimbürger) 04/04/12 – 06/30/17
 Fogarty International Center \$1,169,083
Vanderbilt-Emory-Cornell-Duke Consortium for Global Health Fellows (VECD)
 The Vanderbilt-Emory-Cornell-Duke Consortium (VECD) trains global health researchers through a collaborative training program with overseas research institutions from low and middle-income countries with which our universities have worked for decades.
 Role: Principal Investigator
- 1R01 HD075075-01 (**Aliyu**) 09/28/12 – 06/30/16
 NIH/NICHHD/PEPFAR \$895,072.00
Optimizing integrated PMTCT services in rural North-Central Nigeria
 This parallel, cluster randomized trial evaluates the impact of a family-focused PMTCT package, namely: 1) task-shifting to lower cadre providers at PMTCT sites; 2) Point of care CD4+ cell count testing; (3) Integrated mother-infant care; and (4) a prominent role for influential family members (male partners), and community-based health workers.
 Role: Principal Investigator
- Anne Potter Wilson Award (**Aliyu**/Martin-Willett) 02/01/16 – 06/30/16
 Vanderbilt Institute for Global Health Seed Award \$8,000.00
Psychosocial Wellbeing and Social Integration for Resettled Refugees: Developing New Methodologies
 This pilot study assesses the utility of a novel tablet-based computer assisted personal interviewing application to address literacy and numeracy differences among Burmese and Bhutanese resettled refugees in Middle Tennessee.
 Role: Principal Investigator
- 2010-04628 (Husaini, PI) 02/14/11 – 02/13/16
 U.S. Department of Agriculture. National Institute of Food and Agriculture \$4,600,000.00
Nashville CHildren Eating Well (CHEW) for Health.
 This childhood obesity prevention initiative is a collaboration between Tennessee State University, Meharry Medical College and Vanderbilt University and community stakeholders. The objective of the project is to prevent obesity in children through research, extension and education, with a focus on African-American and Hispanic families.
 Role: Investigator
- 1U84 DD000443-01 (Zoorob, PI) 10/01/11 – 09/30/14
 US Department of Health and Human Services, Centers for Disease Control and Prevention. \$300,000.00
Southeast Regional Fetal Alcohol Spectrum Disorders Training Center.
 The Southeast Regional Fetal Alcohol Syndrome Training Center is a research and training center dedicated to FASD Prevention and to the meaningful assessment, diagnosis and treatment of individuals and families coping with FASD. The mission of the center is to improve the knowledge and skill of health professionals in the southeast US regarding FASD recognition, diagnosis, treatment, management, and prevention.
 Role: Investigator
- 1U2 GPS001063-01 (Vermund, PI) 08/01/08 – 10/31/13
 CDC-GAP \$2,800,000.00
Vanderbilt Institute for Global Health Team Program for HIV Prevention & Care in Nigeria.
 This service program supports the provision of sustainable, high quality HIV/AIDS services to target populations in rural northcentral Nigeria in the most cost-effective manner with the active involvement of government, civil society and host communities.
 Role: Program Director
- World Health Organization, African Regional Office (Vermund/Kipp) 09/01/12 – 12/31/13

Factors Influencing Changes in Child Survival in sub-Saharan Africa from 1990 to 2010. \$116,501.00
Tremendous progress in reducing under-5 mortality rates has occurred across SSA in the past 20 years, but these changes have varied across the 46 countries in the region. This study will analyze the key factors contributing to the decline in child mortality in the region and will formulate recommendations for public health planners thereby accelerating the attainment of MDG #4 across the continent.
Role: Investigator

1R21 NS080639-01 (DeBaun/Aliyu/Jordan) 09/30/12 – 08/31/15
NIH/NINDS/FIC \$280,590.00

Primary Prevention of Strokes in Nigerian Children with Sickle Cell Disease ('SPIN' Trial)
This feasibility study will determine the acceptability of randomization to hydroxyurea vs. placebo for primary prevention of strokes in Nigerian children with sickle cell disease in preparation for a NIH-sponsored phase 3 trial.
Role: Multiple Principal Investigator

Doris Duke Charitable Foundation (DeBaun/Aliyu) 01/01/13 – 12/31/15
Clinical and Translational Research Training in Northern Nigeria \$100,000.00
This career development training program for physicians and medical students will nurture the next generation of leaders in clinical and translational research in sickle cell disease in northern Nigeria.
Role: Co-PI

PUBLICATIONS AND PRESENTATIONS

Articles in Refereed Journals:

1. Aliyu ZY, Aliyu MH, McCormick K. Determinants for hospitalization in “low-risk” community acquired pneumonia. *BMC Infectious Diseases*. 2003; 3(1):11.
2. Aliyu MH, Salihu HM, Ratard R. HIV infection and Sputum-culture conversion in patients diagnosed with *Mycobacterium tuberculosis*: a population-based study. *Wiener Klinische Wochenschrift (The Middle European Journal of Medicine)* 2003;115:340-346.
3. Salihu HM, Aliyu MH. Sperm retrieval in infertile males: Comparison between testicular sperm extraction and testicular sperm aspiration techniques. *Wiener Klinische Wochenschrift (The Middle European Journal of Medicine)* 2003;115:370-379.
4. Salihu HM, Aliyu MH, Pierre-Louis BJ, Alexander GR. Levels of excess infant deaths attributable to maternal smoking during pregnancy in the United States. *Maternal and Child Health Journal* 2003;7:219-227.
5. Salihu HM, Aliyu MH, Ratard R, Pierre-Louis BJ. Characteristics associated with reported sputum-culture conversion in the era of re-emergent *Mycobacterium tuberculosis* in the State of North Carolina, 1993-1998. *International Journal of Tuberculosis and Lung Disease* 2003;7:1070-1076. Findings highlighted in the John Hopkins Center for TB Research ‘Current TB News’ Nov 13, 2003 [accessible at: <http://www.hopkins-tb.org/news/11-16-2003.shtml>]
6. Aliyu MH, Adediran AS, Obisesan TO. Predictors of hospital admissions in the elderly: Analysis of data from the Longitudinal Study on Aging. *Journal of the National Medical Association* 2003;95:1158-67
7. Salihu HM, Tchuinguem G, Aliyu MH, Kouam L. Prune belly syndrome and associated malformations: a 13-year experience in a developing country. *West Indian Medical Journal* 2003;52:281-284.
8. Salihu HM, Aliyu MH, Rouse DJ, Kirby RS, Alexander GR. Potentially preventable excess mortality among higher-order multiples. *Obstetrics and Gynecology* 2003;102:679-684.
9. Aliyu MH, Salihu HM. Tuberculosis and HIV disease: Two decades of a dual epidemic. *Wiener Klinische Wochenschrift (The Middle European Journal of Medicine)* 2003;115:685-697.
10. Aliyu MH, Salihu HM, Kouam L. Eagle-Barrett Syndrome: Occurrence and Outcomes. *East African Medical Journal* 2003;80:595-597.
11. Aliyu MH, Salihu HM, Blankson ML, Alexander GR, Keith L. Risks in triplet pregnancy: advanced maternal age, premature rupture of membranes and risk estimates of mortality. *Journal of Reproductive Medicine* 2004;49:721-726.

12. Salihu HM, Adamu YM, Aliyu ZY, **Aliyu MH**. Pregnancy-associated morbidity in Northern Nigeria. *Journal of Obstetrics and Gynaecology* 2004;24:369-373.
13. **Aliyu MH**, Aliyu SH, Salihu HM. Female genital tuberculosis: a global review. *International Journal of Fertility and Women's Medicine* 2004;49:123-36. Study findings highlighted in the John Hopkins Center for TB Research 'Current TB News' Aug 22, 2004 [accessible at: <http://www.hopkins-tb.org/news/8-22-2004.shtml>]
14. Salihu HM, Shumpert MN, **Aliyu MH**, Alexander MR, Kirby RS, Alexander GR. Stillbirths and infant deaths associated with maternal smoking among mothers aged ≥ 40 years: a population study. *American Journal of Perinatology* 2004;21:121-129. Findings highlighted in "Library Watch" and accessible at: http://www.projectcork.org/newsletters/library_watch/2004/summer/pdf/Nicotine.pdf
15. Obisesan TO, **Aliyu MH**, Adediran A, Bond V, Maxwell CJ, Rotimi C. Correlates of serum lipoprotein (a) in children and adolescents in the United States: the 3rd National Health and Nutritional Examination Survey (NHANES III). *Lipids in Health and Disease* 2004;3(1):29. Findings highlighted in 'Lipidology News' Dec 23, 2004 [accessible at: <http://www.incirculation.net/index.asp?did=18471&aid=43978&usechannel=LIP>]
16. Salihu HM, **Aliyu MH**, Kirby RS, Alexander GR. Effect of advanced maternal age on early mortality among quadruplets and quintuplets. *American Journal of Obstetrics and Gynecology* 2004;190:383-388.
17. Salihu HM, **Aliyu MH**, Rouse DJ, Kirby RS, Alexander GR. The association of parity with mortality outcomes among triplets. *American Journal of Obstetrics and Gynecology* 2004;190:784-789.
18. Kabir M, Iliyasu Z, Abubakar IS, **Aliyu MH**. Perception and Beliefs about mental illness among adults in Karfi Village, northern Nigeria. *BMC International Health & Human Rights* 2004;4:3.
19. Aliyu SH, **Aliyu MH**, Salihu HM, Parmar S, Curran MD. Rapid detection and quantitation of Hepatitis B virus DNA by Real-Time PCR using a new fluorescent (FRET) detection system. *Journal of Clinical Virology* 2004;30:191-195. Listed in *The ScienceDirect TOP25 Hottest Articles* July- Sept 2004.
20. Salihu HM, Emusu D, **Aliyu MH**, Kirby RS, Alexander GR. Low maternal age and neonatal survival of extremely preterm twins (20-28 weeks). *Obstetrics and Gynecology* 2004;103:1246-1254.
21. Salihu HM, **Aliyu MH**, Alexander GR. The relationship between paternal age and early mortality of triplets in the United States. *American Journal of Perinatology* 2004;21:51-59.
22. Salihu HM, Kinniburgh BA, **Aliyu MH**, Kirby RS, Alexander GR. Racial disparity in stillbirth rates among singletons, twins and triplets. *Obstetrics and Gynecology*, 2004; 104:734-40.
23. Salihu HM, McCainey TN, **Aliyu MH**. Maternal smoking and respiratory distress syndrome among triplets. *International Journal of Gynecology and Obstetrics*, 2004;86:44-45.
24. **Aliyu MH**, Salihu HM. Tuberculosis and HIV coinfection: a symbiotic relationship. [Invited review]. *International Journal of Fertility and Women's Medicine* 2004;49:176-90. Findings highlighted in the news media Dec 6, 2004 Law & Health Weekly via LawRx.com [accessible at http://www.newsrx.com/product_descriptions/tb.pdf]
25. **Aliyu MH**, Abubakar IS, Iliyasu Z, Kabir M. The intrauterine device in the era of HIV: Contraceptive choice among women with HIV infection. *Nigerian Journal of Basic and Clinical Sciences*, 2004;1(2):43-49.
26. Salihu HM, Chatman LM, Alio AP, **Aliyu MH**, Kirby RS, Alexander GR. Single motherhood and neonatal survival of twins among Blacks and Whites. *Journal of the National Medical Association* 2004;96:1618-1625.
27. **Aliyu MH**, Jolly PE, Ehiri JE, Salihu HM. High parity and adverse birth outcomes: exploring the maze. *Birth* 2005;32:45-59.
28. **Aliyu MH**, Salihu HM, Keith LG, Ehiri JE, Islam MA, Jolly PE. High parity and fetal morbidity outcomes. *Obstetrics & Gynecology*, 2005;105:1045-1051. Presented at the 2005 UAB Graduate Student Research Day and received 3rd place Honor Award.
29. **Aliyu MH**, Salihu HM, Keith LG, Ehiri JE, Islam MA, Jolly PE. Trends in birth across high parity groups by race/ethnicity and maternal age in the United States. *Journal of the National Medical Association*, 2005;97:899-904.
30. **Aliyu MH**, Salihu HM, Keith LG, Ehiri JE, Islam MA, Jolly PE. Extreme parity and the risk of stillbirth. *Obstetrics & Gynecology* 2005; 106:446-453. Lead article. Accompanying editorial published in same edition.

31. Salihu HM, Shumpert MN, Aliyu MH, Kirby RS, Alexander GR. Smoking-associated fetal morbidity among older gravidas: a population study. *Acta Obstetrica et Gynecologica Scandinavica* 2005;84:329-334
32. Salihu HM, **Aliyu MH**, Akintobi TH, Pierre-Louise BJ, Kirby RS, Alexander GR. The impact of advanced maternal age (≥ 40 years) on birth outcomes among triplets: a population study. *Archives of Gynecology and Obstetrics* 2005;271:132-137.
33. Salihu HM, McCaigey TN, **Aliyu MH**, Williams AT, Dimmitt RA, Alexander GR. Intrauterine tobacco smoke exposure and hyaline membrane disease amongst triplets. *Journal of Obstetrics and Gynaecology* 2005;25:23-27.
34. Salihu HM, Mardenbrough-Gumbs WS, **Aliyu MH**, Sedjro JE, Pierre-Louis BJ, Kirby RS, Alexander GR. Influence of Nativity on Neonatal Survival of Black Twins in the United States. *Ethnicity & Disease*. 2005;15:276-282.
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36. Obisesan TO, **Aliyu MH**, Bond V, Adams RG, Akomolafe A, Rotimi CN. Ethnic and age-related fat free mass loss in older Americans: The Third National Health and Nutrition Examination Survey (NHANES III). *BMC Public Health* 2005, 5:41
37. Salihu HM, Bekan B, **Aliyu MH**, Rouse DJ, Kirby RS, Alexander GR. Perinatal mortality associated with abruptio placenta in singletons and multiples. *American Journal of Obstetrics and Gynecology* 2005;193:198-203.
38. Salihu HM, **Aliyu MH**, Sedjro JE, Nabukera S, Oluwatade OJ, Alexander GR. Teen twin pregnancies: differences in fetal growth outcomes among blacks and whites. *American Journal of Perinatology* 2005;22:335-339.
39. Salihu HM, Fitzpatrick L, **Aliyu MH**. Racial disparity in fetal growth inhibition among singletons and multiples. *American Journal of Obstetrics and Gynecology* 2005;193:467-474.
40. Salihu HM, **Aliyu MH**, Kirby RS. In-Utero Nicotine Exposure and Fetal Growth Inhibition among Twins. *American Journal of Perinatology* 2005;22:421-427.
41. Salihu HM, Mbuba CK, Oluwatade OJ, **Aliyu MH**. Mortality among Twins Born to Unmarried Teenagers in the United States. *Maternal and Child Health Journal* 2005;9:229-35.
42. Hamilton LA, **Aliyu MH**, Lyons P, May R, Swanson CL Jr, Savage R, Go RC. African American community attitudes and perceptions towards schizophrenia and medical research: an exploratory study. *Journal of the National Medical Association* 2006; 98:18-27.
43. Iliyasu Z, Kabir M, Galadanci HS, Abubakar IS, Salihu HM, **Aliyu MH**. Postpartum beliefs and practices in Danbare village, northern Nigeria. *Journal of Obstetrics and Gynaecology* 2006;26:211-215.
44. Sereebutra P, Solomons N, **Aliyu MH**, Jolly PE. Sociodemographic and environmental predictors of childhood stunting in rural Guatemala. *Nutrition Research* 2006;26:65-70.
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47. Iliyasu Z, Kabir M, Abubakar IS, **Aliyu MH**. Knowledge of HIV/AIDS and attitude towards voluntary counseling and testing among adults. *Journal of the National Medical Association* 2006;98:1917-22.
48. Ekundayo OJ, **Aliyu MH**, Jolly PE. A review of intestinal helminthiasis in Nigeria and the need for school-based intervention. *Journal of Rural and Tropical Public Health* 2007;6:33-39.
49. **Aliyu MH**, Salihu HM, Wilson RE, Kirby RS. Prenatal smoking and risk of intrapartum stillbirth. *Archives of Environmental and Occupational Health* 2007;62:87-92.
50. Iliyasu Z, Abubakar IS, Kabir M, **Aliyu MH**. Information technology and medical education: A survey of perceived computing skills among medical students in northern Nigeria. *International Journal of Child Health and Human Development* 2008;1:69-77.

51. **Aliyu MH**, Salihu HM, Wilson RE, Alio AP, Kirby RS. The risk of intrapartum stillbirth among smokers of advanced maternal age. *Archives of Gynecology and Obstetrics* 2008;278:39-45.
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53. Iliyasu Z, Abubakar IS, Kabir M, **Aliyu MH**. A survey of HIV/AIDS knowledge, sexual behavior and attitude towards VCT among out-of-school youth in Kano, northern Nigeria. *International Journal of Child and Adolescent Health* 2008;1(3): 225-234.
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55. Wiener HW, Klei L, Irvin MD, Perry RT, **Aliyu MH**, Allen TB, Bradford LD, Calkins ME, Devlin B, Edwards N, Gur RE, Gur RC, Kwentus J, Lyons PD, McEvoy JP, Nasrallah HA, Nimgaonkar VL, O'Jile J, Santos AB, Savage RM, Go RC. Linkage analysis of schizophrenia in African-American families. *Schizophrenia Research* 2009;109(1-3):70-9.
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