

**CURRICULUM VITAE  
MUKTAR HASSAN ALIYU**

**Office:**

Vanderbilt Institute for Global Health  
Vanderbilt University School of Medicine  
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**EDUCATION AND POST-GRADUATE TRAINING**

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

**BOARD CERTIFICATION AND MEDICAL LICENSURE**

**MEDICAL LICENSES IN:**

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

**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)
- 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-present Associate Director, Occupational Medicine Residency Program, Meharry Medical College  
07/13-present Tenured Associate Professor, Health Policy, Vanderbilt University School of Medicine  
07/13-present Tenured Associate Professor, Medicine, Vanderbilt University School of Medicine  
02/14-present Associate Professor, Family and Community Medicine, Meharry Medical College  
02/14-present Associate Director (Research), Vanderbilt Institute for Global Health  
03/14-present Outcomes & Evaluation Lead, Vanderbilt Faculty and Staff Health & Wellness  
07/19-present Tenured Professor, Health Policy, Vanderbilt University School of Medicine

07/19-present Tenured Professor, Medicine, Vanderbilt University School of Medicine

### HONORARY APPOINTMENTS

2012- 2015 Visiting Professor, Community Medicine, Bayero University, Kano, Nigeria

### HOSPITAL APPOINTMENTS

01/94-06/95 Intern, Murtala Mohammed Hospital, Kano, Nigeria  
 06/95-07/96 Medical Officer, Guards' Brigade Medical Center, Abuja, Nigeria  
 08/96-05/00 Resident, Community Medicine, Aminu Kano Teaching Hospital, Nigeria  
 09/98-12/00 Resident Physician, Public Health, Jos University Hospital, Nigeria  
 08/99-12/99 Medical Superintendent, Comprehensive Health Center, Gindiri, Nigeria  
 05/00-04/01 Senior Resident, 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, 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 – present)  
 American Academy for the Advancement of Science (**Member**, 2013-present)

### 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 Medical College, Dept. of Family & Community Medicine
- 2019 **Outstanding Clinical Faculty Award**, Meharry Medical College, Dept. of Family & Community Medicine

### 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.

### Editorial Board:

*BMC Public Health, Case Reports in Obstetrics and Gynecology*

### 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 University 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. 4<sup>th</sup> Annual 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.

### 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 – present MSPH Faculty Advisory Committee, Meharry Medical College
- 07/06 – present Occupational Medicine Residency Advisory Committee, Meharry Medical College
- 05/10 – present 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 – present 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 – present	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 – present	Research Director (Community and Global Health), Medical Student Research Immersion Program, Vanderbilt University School of Medicine
09/19 – present	Data Safety Monitoring Board, <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 The Global Fund for AIDS, TB and Malaria and Mylan, Inc.).
11/19 – present	Vanderbilt University Research Council, Subcommittee for International Research and Engagement
12/19 – present	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

## 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–	Instructor, MSPH 71701, Occupational Health I, 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
2013–	Instructor, MSPH 72201, Occupational Health II, School of Graduate Studies & Research, Meharry Medical College
2015–	Instructor, Essential Skills in Global Health, Vanderbilt University
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, BS (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)

#### Vanderbilt University

- Renee Martin-Willett, MA (Medicine, Health & Society)
- Anastasia Lendel (Medicine, Health & Society)

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

- Kristal Brown, MSPH (PhD student, Virginia Commonwealth University)
- 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)

#### Meharry Medical College, Occupational Medicine Residency Program

- Ada Egbuji, MD, MSPH (Attending Physician, Las Vegas, Nevada)
- Asher Turney, MD, MSPH (Statewide Medical Director, Centurion Managed Care, Nashville, TN)
- Bhavana Anand, MD, MPH (Attending Physician, My Medical Clinic, Maplewood, MN)
- Elmang Nchako, MD, MPH (Attending Physician, Baptist Health, Louisville, KY)
- Eric Benitez, MD (Resident, Occupational Medicine Residency Program, MMC)
- Francois Ghino, MD, MSPH (Resident, Occupational Medicine Residency Program, MMC)
- Ifeoma Ogbonna, MD, MSPH (Resident, Occupational Medicine Residency Program, MMC)
- Jose Jeune, MD, MPH (Attending Physician, Con Edison, New York)
- Marc Watkins, MD, MSPH (Regional Medical Director, Southeast, Concentra Health)
- Muthu Sivasankaran MD, MSPH (Resident, Occupational Medicine Residency Program, MMC)
- 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 (Resident, Occupational Medicine Residency Program, MMC)
- 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)

#### Meharry Medical College, Preventive Medicine Residency Program

- Cedrina Calder, MD, MSPH (Medical Officer, Tennessee State Department of Health)
- Jessica Ruff, MD, MSPH (VECD fellow, Moi University, Kenya)
- Scottie Bussell, MD, MPH (Attending Physician, Indian Health Service)

Tulane University, School of Public Health, MPH program

- Ibrahim Yola, MBBS, MPH (Assistant Professor, Gombe State University, Nigeria)

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 (VECD fellow, Aminu Kano Teaching Hospital, Nigeria)

University of Zambia

- Alice Hazemba, BSN, PhD (VECD fellow, University of Zambia)

**RESEARCH GRANT SUPPORT****Ongoing Research Support**

U01 DK112271 (Aliyu/Wester, MPIs) 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 PI

1R01NS094041 (Debaun/Aliyu/Jordan, MPIs) 06/01/15 – 05/31/20  
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: Multiple PI

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

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

The VECDor Global Health 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 leveraging 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 PI



1R01NS113171-01 (Trevathan/Abdullahi, MPIs) 08/01/2019 - 07/31/2024 0.60 Calendar  
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

1R01DK120814-01A1 (Chakkalakal, PI) 09/15/2019 – 07/31/2024 0.3 Calendar  
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 employees of Vanderbilt University and Vanderbilt University Medical Center. Limited participation in the HP-DPP has however, prevented the program from having a greater impact on obesity-related illness among 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 and implementation.

Role: Investigator

**Completed Research Support**

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)**

Epilepsy is the most common serious neurological disorder among children worldwide, and about 80% of children with epilepsy live in low- and middle-income countries. 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 low resource environments with limited access to electroencephalograms.

Role: Multiple PI

TRF12630, (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) CDC-GAP Prime recipient: Friends for Global Health Initiative in Nigeria (FGHiN)	11/01/15 – 09/29/16 \$76,314.00
<b>Engaging Indigenous Organizations to Sustain HIV/AIDS program in Nigeria</b>	
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	
1R25TW009337-02 (Heimbürger/Aliyu, MPIs) Fogarty International Center	04/04/12 – 06/30/17 \$1,169,083
<b>Vanderbilt-Emory-Cornell-Duke Consortium for Global Health Fellows (VECDor)</b>	
The Vanderbilt-Emory-Cornell-Duke Consortium (VECDor) 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: Multiple PI	
1R01HD075075-01 (Aliyu, PI) NIH/NICHHD/PEPFAR	09/28/12 – 06/30/16 \$895,072.00.
<b>Optimizing integrated PMTCT services in rural North-Central Nigeria</b>	
This parallel, cluster randomized trial evaluates the impact of a family-focused PMTCT package that includes: 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), working in close partnership with community-based health workers/volunteers.	
Role: Principal Investigator	
Anne Potter Wilson Award (Aliyu/Martin-Willett) Vanderbilt Institute for Global Health	02/01/16 – 06/30/16 \$8,000.00
<b>Psychosocial Wellbeing and Social Integration for Resettled Refugees: Developing New Methodologies</b>	
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) U.S. Department of Agriculture. National Institute of Food and Agriculture	02/14/11 – 02/13/16 \$4,600,000.00
<b>Nashville Children Eating Well (CHEW) for Health.</b>	
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	
1U84DD000443-01 (Zoorob, PI) US Department of Health and Human Services, Centers for Disease Control and Prevention.	10/01/11 – 09/30/14 \$300,000.00
<b>Southeast Regional Fetal Alcohol Spectrum Disorders Training Center.</b>	
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	

1U2GPS001063-01 (Vermund, PI)  
CDC-GAP

08/01/08 – 10/31/13  
\$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, MPIs)

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-five mortality rates has occurred across sub-Saharan Africa 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 Millennium Development Goal #4 across the continent.

Role: Investigator

1R21NS080639-01 (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)**

The purpose of this feasibility study is to determine the acceptability of randomization to hydroxyurea vs. placebo for primary prevention of strokes in Nigerian children with sickle cell anemia in preparation for a NIH-sponsored multicenter, phase III Trial.

Role: Multi-Principal Investigator

Doris Duke Charitable Foundation (DeBaun/Aliyu, Multiple PIs)

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-Principal Investigator

## 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> ]
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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.

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12. Salihu HM, Adamu YM, Aliyu ZY, **Aliyu MH**. Pregnancy-associated morbidity in Northern Nigeria. *Journal of Obstetrics and Gynaecology* 2004;24:369-373.
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14. Salihu HM, Shumpert MN, **Aliyu MH**, Alexander MR, Kirby RS, Alexander GR. Stillbirths and infant deaths associated with maternal smoking among mothers aged  $\geq 40$  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](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 3<sup>rd</sup> 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> ]
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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.
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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.
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5. Breanna P, Fair AM, **Aliyu MH**. Depressive symptoms and discrimination of sexual and racial/ethnic minorities. *Psychology of Sexual Orientation and Gender Diversity*.
6. Al-Mujtaba M, Sam-Agudu NA, **Aliyu MH**, Cornelius LJ. Access to maternal-child health services for women in North-Central Nigeria: A qualitative exploration of facilitators and barriers from the male partner perspective. *African Journal of Reproductive Health*.
7. Ghafuri DL, Abubakar SA, Abdullahi SU, Dambatta AH, Galadanci J, Tabari MA, Bello-Manga H, Idris N, Inuwa H, Tijjani A, Suleiman AA, Jibir B, Gambo S, Gambo AI, Khalifa Y, Haliru L, Abdulrasheed S, Zakari MA, Covert-Green B, Trevathan E, Jordan LC, **Aliyu MH**, Bauman AA, DeBaun MR. Establishing Sickle cell stroke prevention teams in low-resource settings is feasible: Program evaluation using the RE-AIM framework. *Pediatric Blood & Cancer*.
8. Levine RS, de Grubb MC, Salemi JL, Gonzalez SJ, **Aliyu MH**, Zoorob RJ, Hennekens CH. Increasing racial inequalities in mortality from hepatocellular cancer after licensure of lifesaving drugs for hepatitis C virus in the United States: global health implications. *Lancet EClinical Medicine*.
9. Fu JJ, de Grubb MC, Salemi JL, Zoorob RJ, Husaini BA, **Aliyu MH**, Levine RS, Hennekens CH. Updates on racial inequalities in mortality from HIV. *Journal of the National Medical Association*.
10. Bello-Manga H, Abdullahi S, Galadanci AA, Abubakar SA, Jibir BW, Gambo S, Halliru L, Jordan L, **Aliyu MH**, Kassim AA, DeBaun MR, Galadanci NA. Low caregiver educational status is associated with severe anemia in a low-resource setting: Evidence from the SPRING Trial. *Pediatric Blood & Cancer*.
11. Adamu H, Trevathan E, Abdullahi AT, Salihu AS, Iliyasu Z, Sabo U, Prieto-Garcia J, Wudil U, Yakasai A, Ingles D, Mande A, **Aliyu MH**. A Childhood Epilepsy Training Program for Community Health Workers in Northern Nigeria. *BMJ Open*.
12. Iliyasu Z, Galadanci HS, Hassan-Hanga F, Said HS, Iliyasu BZ, Yushau SS, Jean K, Amole TG, **Aliyu MH**. Correlates of essential newborn care practices in rural northern Nigeria. *Journal of Obstetrics, Gynecology and Neonatal Nursing*.
13. Galadanci NA, Abdullahi S, Abubakar SA, Wudil BJ, Bello-Manga H, Aminu H, Tijjani A, Tabari MA, Galadanci AA, Borodo AM, Abba MA, Dambatta AH, Halliru L, Gambo A, Rodeghier M, Ghafuri DL, Greene BC, Neville K, Kassim AA, Kirkham FJ, Trevathan E, Jordan LC, **Aliyu MH**, DeBaun MR. Primary Prevention of Strokes in Nigerian Children with Sickle Cell Disease (SPIN Trial): Final Results of a Feasibility Trial. *American Journal of Hematology*.
14. Iliyasu Z, Farouk ZL, Lawal A, Nass NS, **Aliyu MH**. Care-seeking behavior for neonatal jaundice in rural northern Nigeria. *Public Health in Practice*.
15. Audet CM, Gobbo E, Sack DE, Clemens EM, Ngobeni S, Mkansi M, **Aliyu MH**, Wagner RG. Traditional Healers use of Personal Protective Equipment: a qualitative study in rural South Africa. *BMC Complementary & Alternative Medicine*.

16. Ahonkhai AA, Regan S, Idigbe I, Adeniyi O, **Aliyu MH**, Okonkwo P, Adeola J, Losina E, Musa Z, Ezechi O, Freedberg KA. The impact of user fees on uptake of HIV services and adherence to HIV treatment: Findings from a large HIV program in Nigeria. *BMC Health Services Research*.
17. Ahonkhai AA, **Aliyu MH**, Audet CM, Bravo M, Simmons M, Claquin G, Memiah P, Fernando AN, Carlucci JG, Shepherd BE, Van Rompey S, Gong W, Vermund SH, Wester CW. Poor Retention and Care-Related Sex Disparities Among Youth Living with HIV in Rural Mozambique. *PLoS One*.

#### **Presentations at Scientific Meetings (Peer reviewed)**

1. **Aliyu MH**, Aliyu ZY, McCormick K, Ali K. Low risk community-acquired pneumonia: sociodemographic and clinical determinants for hospitalization. American College of Epidemiologists Annual Conference, Albuquerque, NM, 2002. Abstract published in: *Annals of Epidemiology* 2002;12:520.
2. Obisesan T, **Aliyu M**, Rotimi C. Age-related fat-free mass loss in older Americans: role of gender and ethnicity. American Gerontological Society Annual Scientific Meeting, Boston, 2002. Abstract published in: *The Gerontologist* 2002;42:299-300.
3. **Aliyu M**, Obisesan T, Brown M. Gender-related differences in fat-free mass loss among older Americans. American Gerontological Society Annual Scientific Meeting, Boston, 2002. Abstract published in: *The Gerontologist* 2002;42:47.
4. **Aliyu MH**, Aliyu ZY, McCormick K, Ali K. Low risk community-acquired pneumonia: sociodemographic and clinical determinants for hospitalization. American College of Physicians, Maryland Chapter Annual Conference, Baltimore, MD, 2002.
5. **Aliyu MH**, Salihu HM, Alexander GR. The relationship between paternal age and early mortality of triplets in the United States. Society for Perinatal Epidemiology Meeting, Atlanta, June 2003. Access abstract at: <http://64.233.161.104/search?q=cache:xGLH1db5ieIJ:www.sper.org/2003posterB>
6. Salihu HM, Slay M, **Aliyu MH**, Shumpert MN, Kirby RS, Alexander GR. Childbearing beyond maternal age 50 and fetal outcomes in the United States. Society for Perinatal Epidemiology Meeting, Atlanta, June 2003. Access program at: <http://www.sper.org/2003plenary1.pdf>
7. Salihu HM, Kristensen S, **Aliyu MH**, Alexander GR. Premature rupture of membranes and early mortality among triplets in the United States. Society for Perinatal Epidemiology Meeting, Atlanta, June 2003. Access abstract at: <http://64.233.161.104/search?q=cache:xGLH1db5ieIJ:www.sper.org/2003posterB>
8. Salihu HM, **Aliyu MH**, Alexander MR, Shumpert MN, Alexander GR. Ethnic disparities in infant mortality among twins born to teenagers in the United States. Society for Perinatal Epidemiology Meeting, Atlanta, June 2003.
9. Aliyu ZY, Erinle A, **Aliyu MH**. Solumedrol versus Dexamethasone in Acute Exacerbations of Chronic Obstructive Lung Diseases (St. Agnes SOLVED-1) Study. American College of Physicians, Maryland Chapter, Annual Scientific Conference, Baltimore Maryland, 2004.
10. **Aliyu MH**, Salihu HM, Aliyu ZY, Malik R. Predictors of sputum-culture conversion in the era of re-emergent *Mycobacterium tuberculosis* in the State of North Carolina, 1993-1998. Southern Medical Association 98<sup>th</sup> Annual Scientific Assembly, New Orleans, Louisiana, 2004. <http://www.sma.org/am2004/finalprogram.pdf>
11. Aliyu ZY, Erinle A, **Aliyu MH**, Salihu HM. Solumedrol versus dexamethasone in the management of acute exacerbations of COPD. The SOLVED study. *Southern Medical Journal* 2004; 97:S58(1)
12. Barefield L, **Aliyu MH**, Coleman R, Garner R. Project among African Americans to Explore the Risks for Schizophrenia: An Update. Alabama Council of Community Mental Health Boards 30<sup>th</sup> Annual Conference, Workshop I, Birmingham AL, August 25, 2004. Access Conference program at: [http://accmh.org/docs/conf\\_agenda\\_2004.pdf](http://accmh.org/docs/conf_agenda_2004.pdf)
13. **Aliyu MH**, Salihu HM, Keith LG, Ehiri JE, Islam MA, Jolly PE. High parity and fetal morbidity outcomes. UAB Graduate Research Day. March 4, 2005. Received 3<sup>rd</sup> place Honor Award. Access conference program at: <http://main.uab.edu/show.asp?durki=77858>
14. Sharma PP, Salihu HM, **Aliyu MH**, Rouse DJ. Potentially preventable fetal mortality: high order vs. low order multiples. UAB Graduate Research Day. March 4, 2005. Access conference program at: <http://main.uab.edu/show.asp?durki=77858>

15. Keith LG, **Aliyu MH**. Hyperfertility: the paradox of plenty. Center for the Study of Multiple Birth, Chicago, USA, and the Polish Society of Perinatal Medicine. X<sup>th</sup> Winter School on Perinatal Medicine, Zermatt, Switzerland. April 11-14, 2005. Access program at: <http://www.ptmp.pl/X-th.Winter.School.htm>
16. **Aliyu MH**, Salihu HM, Keith LG, Ehiri JE, Islam MA, Jolly PE. High parity and fetal morbidity outcomes. American Public Health Association 133<sup>rd</sup> Annual Meeting, Philadelphia, PA. December 10-14, 2005. The Honorary Delta Omega Society: Student Excellence Poster session. Access program at: [http://apha.confex.com/apha/133am/techprogram/session\\_17371.html](http://apha.confex.com/apha/133am/techprogram/session_17371.html)
17. **Aliyu MH**, Barefield LM, Allen T, Bradford LD. PAARTNERS: A case for genetics in psychiatry. Utilizing the power of the new genetics to identify genes underlying liability to psychoses. National Medical Association 2005 Annual Convention & Scientific Assembly. New York, July 23-28, 2005.
18. Swanson CL, **Aliyu MH**, Go RC, Savage RM, Cullinan JT, May R. Schizophrenia & Psychotic Disorders: A Clinical Research Update. Department of Psychiatry and Behavioral Neurobiology Grand Rounds, University of Alabama School of Medicine. January 24, 2006.
19. Dickson MR, **Aliyu MH**, Swanson CL, Swanson K, Savage R, Wiener HW, Go RC. Racial differences in weight gain with pharmacologic intervention in patients with schizophrenia spectrum disorders. UAB Minority Health Research Center 2006 Annual Conference "Eliminating Health Disparities: Obesity and Diabetes". March 22, 2006.
20. **Aliyu MH**, Obisesan TO. Self-reported health status predicts the use of physician office services among older American Whites: the Longitudinal Study on Aging. AMA-RFS 3rd Annual Research Poster Symposium. Las Vegas, NV. Nov 10, 2006. Access program at: <http://www.ama-assn.org/ama/pub/category/12769.html>
21. Calkins ME, Tepper P, Ragland JD, Gur RE, Gur RC, Savage RM, **Aliyu M**, Devlin B, Nimgaonkar VL, Ragland JD, Gur RE, Gur RC, Bradford LD, Edwards N, Kwentus J, McEvoy JP, Santos AB, Go RC. Project among African Americans to Explore Risks for Schizophrenia (PAARTNERS): Neurocognitive functioning in probands and their biological relatives. 2007 International Congress on Schizophrenia Research, Colorado Springs, Colorado. March 28- Apr 1, 2007. Access program at: <http://www.schizophreniacongress.org/>
22. **Aliyu MH**, Iliyasu Z, Esem WL, Babashani M. A Cross-sectional Study of Respiratory Impairment among Workers of a Detergent Industry in Northern Nigeria. 2007 American Occupational Health Conference (AOHC), May 6-9, 2007, New Orleans, LA. [http://www.ocoem.org/aohc\\_tuesday.aspx](http://www.ocoem.org/aohc_tuesday.aspx) Received AOHC Resident Research Award.
23. Zoorob R, **Aliyu MH**, Wilson RE, Chakrabarty S, Salihu HM. Alcohol Consumption during Pregnancy and the Risk of Early Stillbirth among Singletons. National Fetal Alcohol Spectrum Disorders Conference, Madison, WI. April 4-8, 2007.
24. Esem WL, **Aliyu MH**, Johnson R, Chakrabarty S. The effectiveness of an early diagnosis on the cost of work related injuries at a car manufacturing plant in Murfreesboro, TN. 2008 American Occupational Health Conference (AOHC), April 12-15, 2008, New York, NY.
25. **Aliyu MH**, Jolly PE, Esem WL, Moore A, Salihu HM, Zoorob R. Prenatal Alcohol Use, Cigarette Smoking and Risk of Small For Gestational Age Birth: A Retrospective Cohort Study. Meharry Medical College, Center for Women's Health Research, Research in Women's Health Poster Presentations, National Women's Health Week. May 11-17, 2008, Nashville, TN.
26. Brown K, Wilson RE, **Aliyu MH**, Zoorob R, Salihu HM. Bottles Up, Weight Down: The Relationship between Alcohol Consumption in Pregnancy and the Risk of Delivering a Small for Gestational Age Infant. 136th APHA Annual Meeting & Exposition, October 25-29, 2008, San Diego, CA.
27. **Aliyu M**, Alio A, Wilson R, Salihu H. Maternal Obesity and Racial Disparity in Neonatal mortality, Missouri 1978-1997. American College of Preventive Medicine, Preventive Medicine 2009. February 11-14, 2009, Los Angeles, CA.
28. Zoorob R, **Aliyu MH**, Hayes C. Knowledge and Attitudes of Directors and Fetal Alcohol Syndrome Curriculum Content in Family Medicine Clerkships and Residency Programs. 9th WONCA Rural Health World 2009 .WONCA Rural Health Conference 2009, Crete, Greece, June 12-14, 2009.
29. **Aliyu MH**, Iliyasu Z, Abubakar IS. Correlates of fertility intentions among HIV positive women, Aminu Kano Teaching Hospital, Nigeria. 5<sup>th</sup> International AIDS Society Conference, Cape Town, South Africa, July, 2009.



30. **Aliyu M**, Alio A, Lynch O, Salihu H. Prenatal Tobacco Use and Risk of Medically Indicated and Spontaneous Preterm Birth. American College of Preventive Medicine, Preventive Medicine 2010. February 17-20, 2010, Crystal City, VA.
31. **Aliyu MH**, Zoorob R, Lynch O, Brown K, Salihu HM. Prenatal Alcohol Use and Risk of Medically-indicated And Spontaneous Preterm Birth: A Population-based Study. The 43rd STFM Annual Spring Conference, Vancouver, British Columbia, April 24 - 28, 2010.
32. Iliyasu Z, **Aliyu MH**, Abubakar IS. Post Diagnosis Experience, Serostatus Disclosure, Perceived Stigma and Current Sexual Behavior in HIV/AIDS: A Survey of Outpatients attending Aminu Kano Teaching Hospital, Nigeria. XVIII International AIDS Conference, Vienna, 18-23 July 2010.
33. **Aliyu M**, Goodman K, Kilbourne B, Zoorob R, Levine R. Trends in US mortality (1979 to 2006) from causes classified as having 100% alcohol-related attributable risk in States with monopoly and licensure controls of alcohol sales. American College of Preventive Medicine, Preventive Medicine 2011. February 17-20, 2011, San Antonio, TX.
34. **Aliyu M**, Eugust E, Zoorob R, Salihu H. Inter-pregnancy weight change and risk of diabetes and preeclampsia in the second pregnancy: a population based study. American College of Preventive Medicine, Preventive Medicine 2011. February 17-20, 2011, San Antonio, TX.
35. **Aliyu M**, Endale H, Salihu H. Smoking in pregnancy and fetal morbidity outcomes among HIV positive mothers: a population-based study. 6th IAS Conference on HIV Pathogenesis, Treatment and Prevention. Rome, Italy, July 17-20, 2011.
36. **Aliyu M**, Iliyasu Z, Abubakar I, Galadanci H, Salihu H. Correlates of infant feeding patterns among HIV-positive mothers enrolled in an urban facility-based PMTCT program, northern Nigeria. 6th IAS Conference on HIV Pathogenesis, Treatment and Prevention. Rome, Italy, July 17-20, 2011.
37. Snell H, Durkin K, **Aliyu M**, Zoorob R. Barriers to diagnosis of fetal alcohol syndrome among medical and behavioral health professionals. 139<sup>th</sup> APHA Annual Meeting. Washington, DC, October 29 - November 2, 2011.
38. **Aliyu MH**, August E, Salihu HM. Maternal Smoking and fetal mortality outcomes in HIV-infected mothers. American College of Preventive Medicine, Preventive Medicine 2012. Session 35: Cutting-Edge Research and Science in Preventive Medicine. February 25, 2012, Orlando, Florida.
39. Chen Z, Chakrabarty S, Levine RS, **Aliyu M**, Ding T, Jackson LL. Work related knee injuries treated in Emergency Departments in the United States, 1998-2007. American Occupational Health Conference (AOHC), April 30 - May 4, 2012, Los Angeles, CA.
40. Pathan S, Chakrabarty S, Levine RS, Aliyu MH. Worker Characteristics and Occupational Sprain and Strain Injuries: The NIOSH Work-RISQS, 1998-2000. American Occupational Health Conference (AOHC), April 30 - May 4, 2012, Los Angeles, CA.
41. **Aliyu MH**, Megazzini K, Blevins M, Wester CW, Vermund SH. Predictors of timely initiation of highly active antiretroviral therapy (HAART) in rural North-Central Nigeria. American College of Preventive Medicine, Preventive Medicine 2013. February 21, 2013, Phoenix, AZ.
42. Hasek M, Figaro KM, **Aliyu M**, Moriarty C. Trends in Prevalence of Hypogonadism and Testosterone Supplementation in Male Veterans. American Occupational Health Conference (AOHC), April 27 - May 1, 2013, Orlando, FL.
43. Onunkwo V, **Aliyu M**, Chakrabarty S, Ekundayo OJ, Agboto V, Levine R. Correlates of Work-related burn injuries treated in Emergency Rooms in the United States, 1998-2000. American Occupational Health Conference (AOHC), April 27 - May 1, 2013, Orlando, FL.
44. Benitez J, **Aliyu M**, Levine R, Chakrabarty S. Coexisting Carpal Tunnel Syndrome and Lateral Epicondylitis: Prevalence, risk factors and outcomes associated with short course oral steroid therapy. American Occupational Health Conference (AOHC), April 27 - May 1, 2013, Orlando, FL.
45. Onunkwo V, Chen Z, Smith D, **Aliyu M**. Evaluation of the Quality of Diabetes Care in Migrant Farm Workers in North Carolina. American Occupational Health Conference (AOHC), April 27 - May 1, 2013, Orlando, FL.
46. Liu X, Kihlberg C, Moriarty C, Chen CK, **Aliyu MH**. Predictors of weight loss in veterans enrolled in a national weight management program. American College of Preventive Medicine, Preventive Medicine 2014. February 22, 2014, New Orleans, LA

47. Jindal V, Salihu HM, Truncale T, **Aliyu M**, Naik E. Hospitalizations and costs associated with firearm-related violence and injuries in the United States. USF Health 2014 Research Day, February 21, 2014, Tampa, FL.
48. Anand B, O'Hara H, Chakrabarty S, **Aliyu MH**. Complementary and Alternative Medicine (CAM) Modalities for Management of Non-specific Chronic Low Back Pain: A Systematic Review of Spinal Manipulation by Chiropractors. American Occupational Health Conference (AOHC), April 27 - May 1, 2014, San Antonio, TX
49. Obeng P, **Aliyu MH**, O'Hara H, Chakrabarty S. Correlates of work related fatalities in the US: the NIOSH Fatality Assessment and Control Evaluation Program, 1984-2010. American Occupational Health Conference (AOHC), April 27 - May 1, 2014, San Antonio, TX.
50. Jindal V, Salihu HM, Truncale T, **Aliyu M**, Naik E. Hospitalizations and costs associated with firearm-related injuries in the United States. American Occupational Health Conference, April 27-May 1, 2014, San Antonio, TX.
51. Fontcha DS, Naik E, **Aliyu MH**, Salihu HM. Trends and Costs of Industry-Related Injuries in the United States [1998 – 2009]. American Occupational Health Conference (AOHC), April 27 - May 1, 2014, San Antonio, TX.
52. Gebi UI, Blevins M, Mukhtar MY, Wester CW, **Aliyu MH**. Retention on Antiretroviral Therapy by Sex and Pregnancy Status in a Large Cohort of HIV-Infected Patients in Rural Nigeria. Conference on Retroviruses and Opportunistic Infections (CROI). February 24, 2015, Seattle, Washington, USA.
53. Nchako E, Kihlberg C, O'Hara H, Chakrabarty S, Ekundayo JO, **Aliyu MH**. Prescription Drug Use among CMV Drivers: Policy Review and Recommendations. American Occupational Health Conference (AOHC), May 3-6, 2015, Baltimore, MD.
54. Nchako E, Ekundayo OJ, **Aliyu MH**, O'Hara H, Chakrabarty S. Meharry Medical Residents' Knowledge of Ebola Virus Disease. American Occupational Health Conference (AOHC), May 3-6, 2015, Baltimore, MD.
55. Carver R, Byrne D, **Aliyu MH**, Swift M. Vanderbilt Assessment of New Latent Tuberculosis Infection Diagnosis and Acceptance of Treatment for Employees (VALIDATE). American Occupational Health Conference (AOHC), May 3-6, 2015, Baltimore, MD.
56. Byrne DW, **Aliyu MH**, Dunagan J, Rolando LA, Connor L, Awalt B, Gonzales N, Yarbrough ML. Personalized Wellness: A Novel Application of Predictive Modeling to Focus Diabetes Prevention in an Employee Wellness Program. Personalized Medicine Day, 2015. Vanderbilt University Medical Center, Nashville, TN.
57. **Aliyu MH**, Blevins M, Audet CM, Kalish M, Gebi UI, Onwujekwe O, Shepherd BE, Wester CW, Vermund SH. Mind the Gaps: Optimizing the PMTCT Cascade. Optimizing PMTCT Outcomes in Rural North-Central Nigeria: A Cluster-Randomized Study. Session P-S5 Poster Abstracts, Feb 25, 2016. Conference on Retroviruses and Opportunistic Infections, Hynes Convention Center, Boston, MA.
58. Martin-Willett R, Bailey L, McCormick Z, Blevins M, **Aliyu MH**. Mental Health Assessment in Resettled Refugee Communities: Novel Survey Technology and Wellbeing Constructs. North American Refugee Health Conference, June 12-14, 2016, Niagara Falls, NY.
59. **Aliyu MH**, Swift MD, Lehmann C, Talbot T, Little SW, Ficken M, Bell A, Yarbrough MI. Development and Implementation of a Personal Protective Equipment (PPE) Readiness Survey for Ebola Virus Disease and other Contagious Pathogens. World Safety Organization 29th Annual Symposium, Sept. 19-21, 2016, Houston, Texas.
60. Patnaik S, **Aliyu MH**, O'Hara H. Knowledge, Attitudes and Perceptions about the Zika Virus at a Historically Black College/University. American Occupational Health Conference (AOHC), April 23-26, 2017, Denver, CO.
61. Swift MD, **Aliyu MH**, Yarbrough MI. Protecting Health Care Workers in Hospitals: The PRO PPE Sentinel Surveillance System for Contagious Pathogens. American Occupational Health Conference (AOHC), Session 108, April 23, 2017, Denver, CO.
62. **Aliyu MH**, Kidane S, Blevins M, Audet CM, Wester CW. Predictors of HIV Status Disclosure in rural north central Nigeria. Preventive Medicine 2017, May 22-24, 2017, Portland, OR.
63. Ahonkhai A, **Aliyu M**, Audet C; Simmons M, Claquin G, Vermund S, Wester CW. TUPDD0101: Poor retention and care-related sex disparities among youth living with HIV in rural Mozambique. 21st

- International AIDS Conference, Paris, France, July 23-26, 2017. *Journal of the International AIDS Society*, 2017; 20(Suppl 5): 22253.
64. Audet CM, Graves E, Bravo M, **Aliyu MH**, Alvim M, Green AF, Chire YM. Male engagement strategies effective in improving Option B+ retention in rural Mozambique. 21st International AIDS Conference, Paris, France, July 23-26, 2017.
  65. Galadanci NA, Abdullahi SU, Vance LD, Tabari MA, Abubakar S, Belonwu R, Salihu A, Galadanci AA, Jibir BW, Bello-Manga H, Neville K, Kirkham F, Shyr Y, Phillips S, Covert BV, Kassim AA, Jordan LC, **Aliyu MH**, DeBaun MR. Feasibility Trial for Primary Stroke Prevention in Children with Sickle Cell Anemia in Nigeria (SPIN Trial). 12th Annual Scientific Conference, National Postgraduate Medical College of Nigeria, Kano, Nigeria, 8th-12th August, 2017. *Nigerian Postgraduate Medical Journal*, 2017;24:257-75.
  66. Abdullahi SU, Galadanci NA, Jibir B, B Covert B, Kassim AA, Trevathan E, Jordan L, Aliyu M, DeBaun MR. Increased prevalence of stroke recurrence and stroke related mortality in children with sickle cell disease in Nigeria: evidence for a secondary stroke prevention trial. *Blood* 130 (Suppl 1), 2256-2256.
  67. Ghafuri DL, Abdullahi SU, Galadanci NA, Jibir B, Gambo S, Bello-Manga H, Lawal Haliru L, Bulama K, Gambo A, **Aliyu M**, Covert B, Kassim AA, Rodeghier M, DeBaun MR. High prevalence of severe acute malnutrition in children with sickle cell anemia over 5 years of age in northern Nigeria. *Blood* 130 (Suppl 1), 127-12.
  68. Martin-Willett R, Blevins M, Bailey L, McCormick Z, **Aliyu, MH**. Interdisciplinary Wellbeing Construct developed among resettled refugees. Poster, Association for Behavioral and Cognitive Therapies (ABCT) Convention, San Diego, CA, November 2017.
  69. Ogbonna I, **Aliyu MH**. Assessing knowledge of TB among healthcare workers and ancillary staff in an underserved medical institution. Appalachian Student Research Forum, Millennium Center, Johnson City, TN. April 4-5, 2018.
  70. Song J, Tian L, **Aliyu M**. Correlation between non-skin cancer survival, race/ethnicity, and socioeconomic status in the United States. Tenth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; 2017 Sep 25-28; Atlanta, GA. Philadelphia (PA): AACR; Published in *Cancer Epidemiology Biomarkers and Prevention*, 2018;27(7 Suppl):Abstract nr A47.
  71. Thomas B, Fair, AM, Cook M, **Aliyu MH**. Discrimination, depression and substance use among sexual and racial/ethnic minorities. APHA 2018 Annual Meeting and Exposition, Nov. 10 - 14, San Diego, CA.
  72. Rose ES, Martin MH, **Aliyu MH**, Audet C, Taylor M, Myers H. Project-based learning in Global Health: an innovative approach for students and communities. Gerald S. Gotterer Health Professions Education Research Day, December 14, 2018, Light Hall, Vanderbilt University Medical Center, Nashville, Tennessee.
  73. Adzaku SA, Heimburger D, Moore D, Wu G, Oppong SA, Russell WE, **Aliyu MH**. Correlating maternal iodine status with neonatal thyroid function in two hospital populations in Ghana." Pediatric Academic Societies (PAS) 2019 Meeting, April 27-30 2019, Baltimore, Maryland.
  74. Acheampong B, Obiri-Yeboah D, Dogbe J, **Aliyu M**, Parra D, Soslow J. Evaluation of the prevalence of cardiac dysfunction in HIV-infected children on highly active antiretroviral therapy. American College of Cardiology Annual Conference, New Orleans, LA. March 17, 2019. *Journal of the American College of Cardiology*, 2019;73(9):887.
  75. Iliyasu Z, Galadanci H, Hassan-Hanga F, **Aliyu M**. Predictors of HIV-exposed infant feeding knowledge and counseling practices among health workers' in a tertiary center in northern Nigeria. 10th IAS Conference on HIV Science (IAS 2019), July 21-24, 2019, Mexico City, Mexico.
  76. Galadanci NA, Abdullahi SU, Abubakar S, Galadanci AA, Bello-Manga H, Tabari M, Jibir BW, Kassim AA, Jordan LC, **Aliyu MH**, DeBaun MR. Primary Prevention of Strokes in Nigerian Children with Sickle Cell Disease (SPIN Trial): Final Results. American Society of Hematology Annual Meeting, December 9, 2019, San Diego, CA.

### Book Chapters:

1. **Aliyu MH**. Epidemiology II. Study Design. In: Mayo Clinic Preventive Medicine and Public Health Board Review. Prathibha Varkey, ed. Oxford University Press, 2010.

2. Gorty A, **Aliyu MH**. Tuberculosis in Pregnancy. In: Textbook of Preconceptional Medicine and Counseling. Louis Keith, ed. Sapiens Publishing, 2010.
3. Levine, RS., Kilbourne B, Juarez P, Kihlberg C, **Aliyu M**, Emerson J, Zoorob R. Comparing US military and civilian responses to the obesity epidemic. In: Virginia M. Brennan, Shiriki K. Kumanyika, and Ruth Enid Zambrana (Eds.) Obesity Interventions in Underserved Communities: Evidence and Directions, 2014; Baltimore, MD: Johns Hopkins Press.