

CURRICULUM VITAE

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EDUCATION

- 1981-1987 University of Ibadan, Ibadan, Nigeria
- Medical degree (MD): Bachelor of Medicine, Bachelor of Surgery (MBBS)
 - Graduated with a Distinction in Anatomy and the Departmental Prize in Surgery
- 1989-1994 University College Hospital, Ibadan, Nigeria
- Residency training in Pediatrics and Genetics
 - Completed residency with a Fellowship of the West African College of Physicians (FWACP)

POST-DOCTORAL EDUCATION

- Bioinformatics courses, including:
 - *Bioinformatics courses [Introduction to Bioinformatics, C Programming]*, University of Manchester, Manchester, UK: 09/2003 – 02/2004
 - *S* Bioinformatics Online Course* : May - August 2004
 - *NIH NCBI Courses: (1) A Field Guide to GenBank and NCBI Molecular Biology Resources (NIH/NCBI)* : October 2003 (2) *Exploring 3D Molecular Structures Using NCBI Tools (NIH/NCBI)*: February 2004 (3) *Enhanced Field Guide: Exploring sequences, genomes and structures (NIH/NCBI)* : May 2004
- Institute 2001 Fellowship, Foundation for the Advancement of Medical Education and Research (FAIMER), Educational Commission for Foreign Medical Graduates (ECFMG), Philadelphia, USA. October 2001-November 2002
- Study Fellowship in Genetic Epidemiology, Department of Preventive Medicine & Epidemiology, Loyola University, Chicago, USA. September 1999 – August 2000.
- Exchange Research Scientist, Loyola University of Chicago, Department of Preventive Medicine & Epidemiology, Chicago, US. June-July 1998
- Short-Term Training in Data Analysis and Publication, ADDR Project (Nigeria), Harvard Institute for International Development. Ibadan. Nigeria. June & December, 1994
- Short-Term Training in Epidemiology, Biostatistics and Computing, West African Epidemiology Teaching Centre, Ibadan, Nigeria. June 1992

EMPLOYMENT HISTORY & PROFESSIONAL EXPERIENCE

2003-2008 National Human Genome Center, Howard University

Deputy Director, Genetic Epidemiology Unit (2004-) & Senior Research Associate (2003-)

Responsibilities include:

- Study design and preparation of grant applications
- PI of one grant and co-investigator of three other grants
- Initiation and participation in genetic data analysis and manuscript preparation
- Supervision of Howard University Family Study and Admixture Mapping for Hypertension Study
- Informatics Manager for Howard University GCRC; Administration of Genetic Epidemiology Linux cluster

1998-2003 College of Medicine, University of Ibadan, Ibadan, Nigeria

Senior Lecturer

- Teaching: undergraduate and postgraduate pediatrics & genetics
- Research focus: genetic epidemiology & epidemiology of obesity, diabetes and hypertension
- Clinical responsibilities: ambulatory and inpatient care in pediatrics & genetics
- Chair, College of Medicine Information Technology Committee and Member, University IT Committee
- Member, Institutional Review Board (IRB)

1994-1998 College of Medicine, University of Ibadan, Ibadan, Nigeria

Lecturer

- Teaching: undergraduate and postgraduate pediatrics & genetics
- Research focus: projects in child health and malaria
- Clinical responsibilities: ambulatory and inpatient care in pediatrics & genetics

1992-1994 University College Hospital, Ibadan, Nigeria

Senior Registrar

- Clinical responsibilities: ambulatory and inpatient care in pediatrics & genetics
- Conducted dissertation research on *Craniofacial Dimensions In The Newborn*
- Supervised junior residents and house physicians
- Chief Resident of Department of Pediatrics - 1994

1989-1992 University College Hospital, Ibadan, Nigeria

Senior House Officer/Registrar

- Clinical responsibilities: ambulatory and inpatient care in pediatrics
- Supervised house physicians
- Assisted in departmental clinical research

1988-1989 National Service at Primary Health Center, Essene, Nigeria

Medical Officer

- Sole physician at primary health center, with clinical responsibilities for all outpatient, emergency and inpatient care

1987-1988 University College Hospital, Ibadan, Nigeria

Intern/House Physician

- Clinical rotations in Medicine, Surgery, Pediatrics and Obstetrics/Gynecology, with responsibilities in

emergency, ambulatory and inpatient care

RESEARCH EXPERIENCE (PEER REVIEW)

- 2009-2010** Reviewer for the Portuguese Foundation for Science and Technology, Health Sciences area, 'Medical Genetics & Functional Genomics' field, 2010
- Member, Special Emphasis Panel/Scientific Review Group 2010/05 ZDK1 GRB-2 (M2) NIDDK Nutrition and Obesity Centers (NORC) Review. March 2010
- Member, NCMHD Special Emphasis Panel/Scientific Review Group 2009/10 ZMD1 PA (11) – Community Based Participatory Research applications. August 2009
- Reviewer of research grant applications for the National Research Foundation of South Africa, Competitive Support for Researchers Programme, 2009 & 2010
- 2008-present** Regular member, *Kidney, Nutrition, Obesity and Diabetes Epidemiology (KNOD) Study Section* National Institutes of Health (NIH)
- 2007-2008** National Institutes of Health (NIH) ad-hoc study section reviewer, *Kidney, Nutrition, Obesity and Diabetes Epidemiology (KNOD) Study Section*
- 1998-present** Manuscript reviewer for peer-reviewed journals, including: *Nature Genetics, American Journal of Hypertension, BMC Genetics, Obesity, Transactions of the Royal Society of Tropical Medicine and Hygiene, Human Genetics, International Journal of Cardiology & Pharmacogenomics*

RESEARCH EXPERIENCE (GRANTS AND AWARDS)

- Research (2006 till date)** S06-GM008016-32 *Admixture Mapping for Hypertension in African Americans* Adebowale Adeyemo (PI), 09/01/06-08/31/10 NIH/NIGMS (*MBRS/SCORE Program*)
- R01-DK072128 *Fine mapping and positional cloning of diabetes genes* Charles Rotimi (PI), 06/01/06 – 06/30/10 NIH/NIDDK
- 079791/Z/06-NEWPORT *The genetic basis of podoconiosis: a model for gene-environment interactions* Melanie Newport & Gail Davey (PIs), 12/01/06-12/31/09 The Wellcome Trust, UK
- R01-HG002207 *Improving Consent in Genetic Research: An International Trial.* Patricia Marshall (PI), 9/26/2000 – 8/31/2008 NIH/NHGRI
- Research (1999-2005)** Co-Investigator, *Africa-America Diabetes Mellitus (AADM) Study.* NIH/NIDDK. PI: Charles, Rotimi, PhD. Howard University. 2003-2005
- Co-Investigator, *Genetic Epidemiology of Hypertension in a Cohort of African American Families: Howard University Family Study.* NIH/NIGMS (*MBRS/SCORE Program*). PI: Charles, Rotimi, PhD. Howard University. 2003-2006

Principal Investigator, *Relative Contributions of Energy Expenditure and Energy Intake to Weight Gain: Implications for the Evolution of Impaired Glucose Tolerance to Frank Diabetes*. (10603/R0). International Atomic Energy Agency. 1999-2002

Co-Investigator. *Medical Informatics Training in Nigeria and Jamaica*. (D43 TW0 1278). DHSS/NIH/FIC. PI: Dan McGee, succeeded by Robert Woolson. Medical University of South Carolina. 1999-2003

Site Principal Investigator for Nigeria. *Hypertension In Populations of West African Origin*. (HL-45508) NIH/NHLBI. PI: Richard Cooper, Loyola University of Chicago. 1998-2003.

Co-Investigator, *Genetics of Obesity in Families of African Origin*. (DK-54001) NIH/NIDDK. PI: Dr. Charles Rotimi, Howard University, Washington. 2000-2003.

Site Principal Investigator for Nigeria, *Genetics of Hypertension in Blacks*. (HL-53353) NIH/NHLBI. PI: Richard Cooper, Loyola University of Chicago. 2000-2003.

Research (1993-1999)

Co-Investigator and Data Manager: *Malaria in the Aetiology of Diarrhoea*. Applied Diarrheal Diseases Project, Harvard Institute for International Development Principal Investigator: Dr O. Sodeinde. 1993-1995

Co-Investigator: *Evaluation of an educational intervention towards behaviour modification in the prevention of diarrhoea in Ona-Ara Local Government Area*. Applied Diarrheal Diseases Project, Harvard Institute for International Development. Principal Investigator: Dr O. O. Omotade. 1993-1995

Co-Investigator: *The sociocultural correlates of sexual behaviour and fertility regulation among adults in South West Nigeria*. Special Programme for Research, Development and Research Training in Human Reproduction, World Health Organisation. Principal Investigator: Dr. K. A. Obisesan. 1994-1996

Principal Investigator, *Improving the ability of primary health workers to manage children with multiple problems*. Problem Solving for Better Health Program, Dreyfus Health Foundation, New York. 1997-1999

TEACHING EXPERIENCE & PROFICIENCY

- 2009-2010 Co-mentored the first PhD candidate in the CRGGH (Fasil Tekola, PhD) through his thesis research (**Genetic Epidemiology of Podoconiosis**) to the successful defense of the PhD thesis at the University of Sussex, Brighton, UK in May 2010
- Currently co-mentoring the second PhD candidate in the CRGGH (Ms. Shantelle Lucas) through the process (**NfKB and IKK-B in obesity and inflammation in African Americans**). Howard University
- 2008-2009 PhD thesis examiner for doctoral theses of the University of Cape Town, Cape Town, South Africa
- 2007 Mellon Visiting Scholar, University of Cape Town, South Africa, April 2007.
Taught a 2-week *Seminar Series In Genetic Epidemiology* to staff and graduate

- students from the University of Cape Town and University of Stellenbosch.
- 2006 Co-taught (with David Bentley, PhD) a *HapMap Tutorial* at 4th Annual Meeting of African Society of Human Genetics, Addis Ababa, Ethiopia. June 2006
- 2004 Taught two classes in the molecular epidemiology module of the 'Biology of Pathogens' course of the PhD Microbiology program: (1) *Molecular Epidemiology of Malaria Susceptibility Genes*, (2) *Identification of Disease Genes using the NCBI Genome Assembly*
- 2001-2002 Completed a one-year program in teaching methods in international medical education: *Institute 2001 Fellowship*, Foundation for the Advancement of Medical Education and Research (FAIMER), Educational Commission for Foreign Medical Graduates (ECFMG), Philadelphia, USA. October 2001-November 2002
- 1994-2003
- Taught the Clinical Genetics and Social Pediatrics modules in the medical curriculum of the University of Ibadan College of Medicine
 - Taught Clinical Genetics to graduate students and medical residents of the University College Hospital, Ibadan, Nigeria
 - Supervision of dissertation research of 5 senior residents for the Fellowship of the West African College of Physicians / Nigerian National Postgraduate Medical College

RECENT PARTICIPATION IN PROFESSIONAL CONFERENCES & SYMPOSIA

- 2009 **59th Annual Meeting of the American Society of Human Genetics, Honolulu, HI. October 2009**
Poster presentation: *Comprehensive evaluation of FTO genetic variation shows associations with obesity in two populations of African origin.*
Obesity 2009. The 2009 Annual Meeting of the Obesity Society. Washington, DC. October 2009
Poster presentation: *FTO variants are associated with adult height in an African population.*
5th Annual Meeting of the African Society of Human Genetics, Yaounde, Cameroon. March 2009
Oral presentation: *Genetics, Genomics and Complex Disease in Admixed Populations: Lessons from an African American Population.* Adebowale Adeyemo, Charles Rotimi
- 2008 **America Diabetes Association 68th Scientific Sessions, San Francisco, CA. June 6-10, 2008**
Poster Presentations:
 (1) *A common FTO gene variant is associated with type 2 diabetes in West Africans*
 (2) *Novel candidate genes for type 2 diabetes identified on chromosome 5 in West Africans*
- 2007 **5th Annual Conference, African Society of Human Genetics. Cairo Egypt. November 2-5, 2007.**
Oral presentation: *Genetics of hypertension in Africa*
- 2006 **CSR/OBSSR/NIH Peer Review Workshop. Hyatt Regency Bethesda, Bethesda, MD, September 20-21, 2007**
56th Annual Meeting, American Society of Human Genetics, New Orleans, LA. October 9-13, 2006
2006 Joint Conference, African Society of Human Genetics & Ethiopian Medical Society, Addis Ababa, Ethiopia, June 3-5, 2006
Oral presentation: *The promise of whole genome admixture mapping for complex*

diseases

- 2005 Teaching session: Using HapMap Data
55th Annual Meeting, American Society of Human Genetics. Salt Lake City, Utah. October 25-29, 2005
2005 Joint Conference, African Society of Human Genetics & Southern African Society of Human Genetics, Mauldersdrift, Gauteng, South Africa
Oral presentation: Using 372 Autosomal Microsatellite Markers to Investigate Genetic Structure in West African Populations
- 2004 **2004 Mid-Atlantic Diabetes Research Symposium, National Institutes of Health, Bethesda, MD.**
Oral presentation: A Genome Scan for Serum Lipids in Type 2 Diabetes in West Africa;
Poster presentation: Familial aggregation of diabetes and obesity-related traits among African-Americans: the Howard University Family Study (HUFs)
- 2004 Genetic Analysis Workshop (GAW14), Noordwijkerhout, Holland**
Submission: Comparing microsatellites and single nucleotide polymorphisms in genome wide linkage analysis for a categorical behavioral trait –the GAW14 simulated datasets
- 2004 National Medical Association Conference, San Diego, CA.**
Oral presentation: Translational Genomics Research in the African Diaspora (T_GRIAD) : IT infrastructure to support clinical study management and biobanking
- 2003 **Centers for Disease Control (CDC) meeting, Accra, Ghana: “Developing a cardiovascular disease prevention and control program for Sub-Saharan Africa”**
First Annual Conference, African Society of Human Genetics (AfSHG), Accra, Ghana, December 2003. Theme: Biomedical Research in Africa with Emphasis on Genetics
- 2003 Mid-Atlantic Diabetes Research Symposium, National Institutes of Health, Bethesda, MD.**
Oral presentation: The Genetics of Obesity in an African Population

PARTICIPATION IN PROFESSIONAL SOCIETIES

- Member, American Society of Human Genetics
- Member, International Genetic Epidemiology Society (IGES)
- Member, African Society of Human Genetics
- Member, The Bioinformatics Organization, Inc (Bioinformatics.org)
- Member, IEEE Computer Society (www.computer.org)

SERVICE TO HOWARD UNIVERSITY COLLEGE OF MEDICINE & GENOME CENTER (2003-2008)

- Informatics Manager General Clinical Research Center, Howard University, 2005-2008
- Informatics Liaison Translational Genomic Research in the African Diaspora (T_GRIAD) Initiative of Howard University College of Medicine, 2005-2007
- UNIX/Linux System administrator Genetic Epidemiology Linux cluster and UNIX application server, National Human Genome Center, 2003-2008

SERVICE TO UNIVERSITY OF IBADAN

- Chair Computer Committee (now IT Committee), College of Medicine, University of Ibadan (1998-2003)
- Member Insitutional Review Board (IRB), Joint University of Ibadan-College of Medicine (2001-2003)

PUBLICATIONS

10 representative publications (from over 130 published papers)

Adeyemo A, Chen G, Zhou J, Shriner D, Doumatey A, Huang H, Rotimi C. FTO genetic variation and association with obesity in West Africans and African Americans. *Diabetes*. 2010 Jun;59(6):1549-54. Epub 2010 Mar 18. PubMed PMID: 20299471; PubMed Central PMCID: PMC2874717.

Adeyemo A, Gerry N, Chen G, Herbert A, Doumatey A, Huang H, Zhou J, Lashley K, Chen Y, Christman M, Rotimi C. A genome-wide association study of hypertension and blood pressure in African Americans. *PLoS Genet*. 2009 Jul;5(7):e1000564. Epub 2009 Jul 17. PubMed PMID: 19609347; PubMed Central PMCID: PMC2702100.

Adeyemo A, Rotimi C. Genetic variants associated with complex human diseases show wide variation across multiple populations. *Public Health Genomics*. 2010;13(2):72-9. Epub 2009 May 13. PubMed PMID: 19439916; PubMed Central PMCID: PMC2835382.

Adeyemo AA, Johnson T, Acheampong J, Oli J, Okafor G, Amoah A, Owusu S, Agyenim-Boateng K, Eghan BA Jr, Abbiyesuku F, Fasanmade O, Rufus T, Doumatey A, Chen G, Zhou J, Chen Y, Furbert-Harris P, Dunston G, Collins F, Rotimi C. A genome wide quantitative trait linkage analysis for serum lipids in type 2 diabetes in an African population. *Atherosclerosis*. 2005 Aug;181(2):389-97. Epub 2005 Feb 24. PubMed PMID: 16039295.

Adeyemo AA, Chen G, Chen Y, Rotimi C. Genetic structure in four West African population groups. *BMC Genet*. 2005 Jun 24;6:38. PubMed PMID: 15978124; PubMed Central PMCID: PMC1180433.

Adeyemo A, Luke A, Wu X, Cooper RS, Kan D, Omotade O, Zhu X. Genetic effects on blood pressure localized to chromosomes 6 and 7. *J Hypertens*. 2005 Jul;23(7):1367-73. PubMed PMID: 15942459.

Adeyemo A, Luke A, Cooper R, Wu X, Tayo B, Zhu X, Rotimi C, Bouzekri N, Ward R. A genome-wide scan for body mass index among Nigerian families. *Obes Res*. 2003 Feb;11(2):266-73. PubMed PMID: 12582223.

Adeyemo AA, Prewitt TE, Luke A, Omotade OO, Rotimi CN, Brieger WR, Cooper RS. The feasibility of implementing a dietary sodium reduction intervention among free-living normotensive individuals in south west Nigeria. *Ethn Dis*. 2002 Spring;12(2):207-12. PubMed PMID: 12019929.

Adeyemo AA, Omotade OO, Rotimi CN, Luke AH, Tayo BO, Cooper RS. Heritability of blood pressure in Nigerian families. *J Hypertens*. 2002 May;20(5):859-63. PubMed PMID: 12011645.

Adeyemo AA, Omotade OO. Variation in fontanelle size with gestational age. *Early Hum Dev*. 1999 Apr;54(3):207-14. PubMed PMID: 10321787.

FULL LIST OF PUBLICATIONS

Genetics & Genetic Epidemiology

1. OMOTADE OO, KAYODE CM and **ADEYEMO AA** : Facial Dimensions in Nigerian infants. Niger J Paediatr 1994; 21 : 101-106
2. **ADEYEMO AA**, OKOLO CM and OMOTADE OO : Major congenital malformations among paediatric admissions at the University College Hospital, Ibadan, Nigeria. Ann Trop Paediatr 1994; 14:75-79.
3. OMOTADE OO, KAYODE CM and **ADEYEMO AA** : Anterior fontanelle size in Nigerian infants. Ann Trop Paediatr 1995; 15: 89-91
4. OMOTADE OO, KAYODE CM and **ADEYEMO AA** : Ear dimensions, chest circumference and internipple distance in Nigerian infants Afr J Med Sci 1996; 25: 159-163
5. **ADEYEMO AA**, GBADEGESIN RA, OMOTADE OO. Major congenital malformations among neonatal referrals to a Nigerian university hospital. East Afr Med J 1997; 74: 699-701
6. OLUMESE PE, **ADEYEMO AA**, ADEMOWO OG, GBADEGESIN RA, SODEINDE O and WALKER O. Clinical manifestations of cerebral malaria among Nigerian children with the sickle cell trait. Ann Trop Paediatr 1997; 17: 141-145
7. **ADEYEMO AA**, OMOTADE OO, OLOWU JA. Facial and ear dimensions in term Nigerian neonates. East Afr J Med 1998; 75: 260-263
8. OMOTADE OO, KAYODE CM, FALADE SL, IKPEME S, **ADEYEMO AA** and AKINKUGBE FM. Routine screening for sickle cell haemoglobinopathy by electrophoresis in an infant welfare clinic. West Afr J Med 1998; 17: 91-94
9. **ADEYEMO AA**, OMOTADE OO. The variation of fontanelle size with gestational age. Early Hum Dev 1999; 54: 207-214
10. **ADEYEMO AA**, OMOTADE OO, OLOWU JA. Anterior fontanelle size in term neonates. West Afr J Med 1999; 18: 55-59
11. OMOTADE OO, **ADEYEMO AA**, KAYODE CM, FALADE SL, IKPEME S. Gene frequencies of ABO and Rh(D) alleles in an infant population in Ibadan, Nigeria. West Afr J Med 1999; 18: 294-297
12. COOPER RS, GUO X, ROTIMI CN, LUKE A, WARD R, **ADEYEMO AA**, DANILOV SM. Heritability of angiotensin-converting enzyme and angiotensin: A comparison of US Blacks and Nigerians. Hypertension 2000; 35:1141-1147
13. ESCARY JL, BOTTIUS E, PRINCE N, REYES C, FIAWOUMO Y, CALOUSTIAN C, BRULS T, FUJIYAMA A, COOPER RS, **ADEYEMO AA**, LATHROP GM, WEISSENBACH J, GYAPAY G, FOGGIO M, BECKMANN JS. A first high-density map of 981 biallelic markers on human chromosome 14. Genomics 2000 ;70:153-64
14. ZHU X, BOUZEKRI N, SOUTHAM L, COOPER RS, **ADEYEMO A**, MCKENZIE CA, LUKE A, CHEN G, ELSTON RC, WARD R. Linkage and association analysis of angiotensin I-converting enzyme (ACE) gene polymorphisms with ACE concentration and blood pressure. Am J Hum Genet 2001; 68: 1139-48
15. LUKE A, GUO X, **ADEYEMO AA**, WILKS R, FORRESTER T, LOWE Jr W, COMUZZIE AG, MARTIN LJ, ZHU X, ROTIMI CN, COOPER RS. Heritability of obesity-related traits among Nigerians, Jamaicans and US black people, Int J Obes Relat Metab Disord 2001; 25: 1034-41
16. **ADEYEMO AA**, OMOTADE OO, ROTIMI CN, LUKE AH, TAYO BO, COOPER RS. Heritability of blood pressure in Nigerian families. J Hypertens 2002; 20: 859-863
17. GABRIEL SB, SCHAFFNER SF, NGUYEN H, MOORE JM, ROY J, BLUMENSTIEL B, HIGGINS J, DEFELICE M, LOCHNER A, FAGGART M, LIU-CORDERO SN, ROTIMI C, **ADEYEMO A**, COOPER R, WARD R, LANDER ES, DALY MJ, ALTSHULER D. The Structure of Haplotype Blocks in the Human Genome. Science 2002;296:2225-9
18. COOPER RS, LUKE A, ZHU X, KAN D, **ADEYEMO A**, ROTIMI C, BOUZEKRI N, WARD R. Genome scan among Nigerians linking blood pressure to chromosomes 2, 3 and 19. Hypertension 2002; 40: 629-633
19. COX R, BOUZEKRI N, MARTIN S, SOUTHAM L, HUGILL A, GOLAMAULLY M, COOPER R, **ADEYEMO A**, SOUBRIER F, WARD R, LATHROP M, MATSUDA F, FARRAL M. Angiotensin-1-converting enzyme (ACE) plasma concentration is influenced by multiple ACE-linked quantitative trait nucleotides. Hum Mol Genet 2002; 11: 2969-2977
20. **ADEYEMO A**, LUKE A, COOPER R, WU X, TAYO B, ZHU X, ROTIMI C, BOUZEKRI N, WARD R. A genome-wide scan for body mass index among Nigerian families. Obesity Res 2003; 11: 266-273
21. WU X, LUKE A, COOPER RS, ZHU X, KAN D, TAYO BO, **ADEYEMO A**. A Genome Scan among Nigerians Linking Resting Energy Expenditure to Chromosome 16. Obes Res. 2004 12:577-81.

22. ROTIMI CN, CHEN G, **ADEYEMO AA**, FURBERT-HARRIS P, GUASS D, ZHOU J, BERG K, ADEGOKE O, AMOAH A, OWUSU S, ACHEAMPONG J, AGYENIM-BOATENG K, EGHAN BA JR, OLI J, OKAFOR G, OFOEGBU E, OSOTIMEHIN B, ABBIYESUKU F, JOHNSON T, RUFUS T, FASANMADE O, KITTLES R, DANIEL H, CHEN Y, DUNSTON G, COLLINS FS. A genome-wide search for type 2 diabetes susceptibility genes in West Africans: the Africa America Diabetes Mellitus (AADM) Study. *Diabetes*. 2004; 53:838-41.
23. BOUZEKRI N, ZHU X, JIANG Y, MCKENZIE CA, LUKE A, FORRESTER T, **ADEYEMO A**, KAN D, FARRALL M, ANDERSON S, COOPER RS, WARD R. Angiotensin I-converting enzyme polymorphisms, ACE level and blood pressure among Nigerians, Jamaicans and African-Americans. *Eur J Hum Genet*. 2004; 12 (6): 460-8
24. FEJERMAN L, BOUZEKRI N, WU X, **ADEYEMO A**, LUKE A, ZHU X, WARD R, COOPER RS. Association between evolutionary history of angiotensinogen haplotypes and plasma levels. *Hum Genet*. 2004; 115(4):310-8.
25. G CHEN, **AA ADEYEMO**, T JOHNSON, J ZHOU, A AMOAH, S OWUSU, J ACHEAMPONG, K AGYENIM-BOATENG, BA EGHAN JR, J OLI, G OKAFOR, F ABBIYESUKU, GM DUNSTON, Y CHEN, F COLLINS, C ROTIMI. A genome-wide scan for quantitative trait loci linked to obesity phenotypes among West Africans. *Int J Obesity* 2004 Dec 21 (epub ahead of print)
26. CHEN Y, KITTLES R, ZHOU J, CHEN G, **ADEYEMO A**, PANGULURI RK, CHEN W, AMOAH A, OPOKU V, ACHEAMPONG J, AGYENIM-BOATENG K, EGHAN BA JR, NYANTAKI A, OLI J, OKAFOR G, OFOEGBU E, OSOTIMEHIN B, ABBIYESUKU F, JOHNSON T, FASANMADE O, RUFUS T, FURBERT-HARRIS P, DANIEL HI, BERG KA, COLLINS FS, DUNSTON GM, ROTIMI CN. Calpain-10 gene polymorphisms and type 2 diabetes in West Africans: the Africa America Diabetes Mellitus (AADM) Study. *Ann Epidemiol*. 2005; 15(2):153-159.
27. ZHU X, FEJERMAN L, LUKE A, **ADEYEMO A**, COOPER RS. Haplotypes Produced from Rare Variants in the Promoter and Coding Regions of Angiotensinogen Contribute to Variation in Angiotensinogen Levels. *Hum Mol Genet*. 2005; 14(5): 639-643
28. MCKENZIE CA, SINSHEIMER JS, **ADEYEMO AA**, COX RD, SOUTHAM L, HUGILL A, BOUZEKRI N, LATHROP M, FORRESTER TE, COOPER RS, WARD R. SNP haplotypes in the angiotensin I-converting enzyme (ACE) gene: analysis of Nigerian family data using gamete competition models. *Ann Hum Genet*. 2005;69(Pt 2):227-32.
29. KRAMER H, WU X, KAN D, LUKE A, ZHU X, **ADEYEMO A**, MCKENZIE C, COOPER R. Angiotensin-converting enzyme gene polymorphisms and obesity: an examination of three black populations. *Obes Res*. 2005 May;13(5):823-8.
30. JOHNSON L, LUKE A, **ADEYEMO A**, DENG HW, MITCHELL BD, COMUZZIE AG, COLE SA, BLANGERO J, PEROLA M, TEARE MD. Meta-analysis of five genome-wide linkage studies for body mass index reveals significant evidence for linkage to chromosome 8p. *Int J Obes (Lond)*. 2005 Apr;29(4):413-9. Erratum in: *Int J Obes Relat Metab Disord*. 2005 Jul;29(7):878. Adeyemo, A [added].
31. **ADEYEMO AA**, JOHNSON T, ACHEAMPONG J, OLI J, OKAFOR G, AMOAH A, OWUSU S, AGYENIM-BOATENG K, EGHAN BA, ABBIYESUKU F, FASANMADE O, RUFUS T, DOUMATEY A, CHEN G, ZHOU J, CHEN Y, FURBERT-HARRIS P, DUNSTON G, COLLINS F, ROTIMI C. A genome wide quantitative trait linkage analysis for serum lipids in type 2 diabetes in an African population. *Atherosclerosis* 2005; 181; 389-97
32. **ADEYEMO AA**, CHEN G, CHEN Y, ROTIMI CN. Genetic structure in four West African population groups. *BMC Genet*. 2005;24;6(1):38
33. **ADEYEMO A**, LUKE A, WU X, COOPER RS, KAN D, OMOTADE O, ZHU X. Genetic effects on blood pressure localized to chromosomes 6 and 7. *J Hypertens*. 2005;23(7):1367-73.
34. AMODU OK, **ADEYEMO AA**, AYOOLA OO, GBADEGESIN RA, ORIMADEGUN AE, AKINSOLA AK, OLUMESE PE, OMOTADE OO. Genetic diversity of the msp-1 locus and symptomatic malaria in south-west Nigeria. *Acta Trop*. 2005 Sep;95(3):226-32.
35. AMODU OK, GBADEGESIN RA, RALPH SA, **ADEYEMO AA**, BRENCHLEY PE, AYOOLA OO, ORIMADEGUN AE, AKINSOLA AK, OLUMESE PE, OMOTADE OO. Plasmodium falciparum malaria in south-west Nigerian children: is the polymorphism of ICAM-1 and E-selectin genes contributing to the clinical severity of malaria? *Acta Trop*. 2005 Sep;95(3):248-55.
36. BONILLA C, PANGULURI RK, TALIAFERRO-SMITH L, ARGYROPOULOS G, CHEN G, **ADEYEMO AA**, AMOAH A, OWUSU S, ACHEAMPONG J, AGYENIM-BOATENG K, EGHAN BA, OLI J, OKAFOR G, ABBIYESUKU F, JOHNSON T, RUFUS T, FASANMADE O, CHEN Y, COLLINS FS, DUNSTON GM, ROTIMI C, KITTLES RA. Agouti-related protein promoter variant associated with leanness and decreased risk for diabetes in West Africans. *Int J Obes (Lond)*. 2006 Apr;30(4):715-21.

37. WILSON JG, ROTIMI CN, EKUNWE L, ROYAL CD, CRUMP ME, WYATT SB, STEFFES MW, **ADEYEMO A**, ZHOU J, TAYLOR HA JR, JAQUISH C. Study design for genetic analysis in the Jackson Heart Study. *Ethn Dis*. 2005;15(4 Suppl 6):S6-30-37.
38. CHEN G, **ADEYEMO A**, ZHOU J, YUAN A, CHEN Y, ROTIMI C. Genome scan linkage analysis comparing microsatellites and single-nucleotide polymorphisms markers for two measures of alcoholism in chromosomes 1, 4, and 7. *BMC Genetics* 2005, **6**(Suppl 1):S4 (30 December 2005)
39. TIFFIN N, ADIE E, TURNER F, BRUNNER HG, VAN DRIEL MA, OTI M, LOPEZ-BIGAS N, OUZOUNIS C, PEREZ-IRATXETA C, ANDRADE-NAVARRO MA, **ADEYEMO A**, PATTI ME, SEMPLE CA, HIDE W. Computational disease gene identification: a concert of methods prioritizes type 2 diabetes and obesity candidate genes. *Nucleic Acids Res*. 2006 Jun 6;34(10):3067-81.
40. ROTIMI CN, CHEN G, **ADEYEMO AA**, JONES LS, AGYENIM-BOATENG K, EGHAN BA JR, ZHOU J, DOUMATEY A, LASHLEY K, HUANG H, FASANMADE O, AKINSOLA FB, EZEPUE F, AMOAH A, AKAFO S, CHEN Y, OLI J, JOHNSON T. Genomewide scan and fine mapping of quantitative trait loci for intraocular pressure on 5q and 14q in West Africans. *Invest Ophthalmol Vis Sci*. 2006 Aug;47(8):3262-7.
41. FEJERMAN L, WU X, **ADEYEMO A**, LUKE A, ZHU X, HICKS C, COOPER RS. The effect of genetic variation in angiotensinogen on serum levels and blood pressure: a comparison of Nigerians and US blacks. *J Hum Hypertens*. 2006 Nov;20(11):882-7.
42. MARSHALL PA, ADEBAMOWO CA, **ADEYEMO AA**, OGUNDIRAN TO, VEKICH M, STRENSKI T, ZHOU J, PREWITT TE, COOPER RS, ROTIMI CN. Voluntary participation and informed consent to international genetic research. *Am J Public Health*. 2006 Nov;96(11):1989-95.
43. DAVEY G, GEBREHANNA E, **ADEYEMO A**, ROTIMI C, NEWPORT M, DESTA K. Podoconiosis: a tropical model for gene-environment interactions? *Trans R Soc Trop Med Hyg*. 2007 Jan;101(1):91-6.
44. HELGASON A, PALSSON S, THORLEIFSSON G, GRANT SF, EMILSSON V, GUNNARSDOTTIR S, **ADEYEMO A**, CHEN Y, CHEN G, REYNISDOTTIR I, BENEDIKTSSON R, HINNEY A, HANSEN T, ANDERSEN G, BORCH-JOHNSEN K, JORGENSEN T, SCHAFFER H, FARUQUE M, DOUMATEY A, ZHOU J, WILENSKY RL, REILLY MP, RADER DJ, BAGGER Y, CHRISTIANSEN C, SIGURDSSON G, HEBEBRAND J, PEDERSEN O, THORSTEINSDOTTIR U, GULCHER JR, KONG A, ROTIMI C, STEFANSSON K. Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. *Nat Genet*. 2007 Feb;39(2):218-225.
45. MALHOTRA A, ELBEIN SC, NG MC, DUGGIRALA R, ARYA R, IMPERATORE G, **ADEYEMO A**, POLLIN TI, HSUEH WC, CHAN JC, ROTIMI C, HANSON RL, HASSTEDT SJ, WOLFORD JK. Meta-analysis of genome-wide linkage studies of quantitative lipid traits in families ascertained for type 2 diabetes. *Diabetes*. 2007 Mar;56(3):890-6.
46. CHEN G, **ADEYEMO AA**, ZHOU J, CHEN Y, DOUMATEY A, LASHLEY K, HUANG H, AMOAH A, AGYENIM-BOATENG K, EGHAN BA JR, OKAFOR G, ACHEAMPONG J, OLI J, FASANMADE O, JOHNSON T, ROTIMI C. A genome-wide search for linkage to renal function phenotypes in West Africans with type 2 diabetes. *Am J Kidney Dis*. 2007 Mar;49(3):394-400.
47. STEINTHORSDOTTIR V, THORLEIFSSON G, REYNISDOTTIR I, BENEDIKTSSON R, JONSDOTTIR T, WALTERS GB, STYRKARSDOTTIR U, GRETARSDOTTIR S, EMILSSON V, GHOSH S, BAKER A, SNORRADOTTIR S, BJARNASON H, NG MC, HANSEN T, BAGGER Y, WILENSKY RL, REILLY MP, **ADEYEMO A**, CHEN Y, ZHOU J, GUDNASON V, CHEN G, HUANG H, LASHLEY K, DOUMATEY A, SO WY, MA RC, ANDERSEN G, BORCH-JOHNSEN K, JORGENSEN T *et al*. A variant in CDKAL1 influences insulin response and risk of type 2 diabetes. *Nat Genet*. 2007 Jun;39(6):770-5.
48. HICKS C, ZHU X, LUKE A, KAN D, **ADEYEMO A**, WU X, COOPER RS. A genome-wide scan of loci linked to serum adiponectin in two populations of African descent. *Obesity (Silver Spring)*. 2007 May;15(5):1207-14.
49. CHEN G, **ADEYEMO A**, ZHOU J, CHEN Y, HUANG H, DOUMATEY A, LASHLEY K, AGYENIM-BOATENG K, EGHAN BA JR, ACHEAMPONG J, FASANMADE O, JOHNSON T, OKAFOR G, OLI J, AMOAH A, ROTIMI C. Genome-wide search for susceptibility genes to type 2 diabetes in West Africans: Potential role of C-peptide. *Diabetes Res Clin Pract*. 2007 Dec;78(3):e1-6. Epub 2007 Jun 4.
50. SAUNDERS CL, CHIODINI BD, SHAM P, LEWIS CM, ABKEVICH V, **ADEYEMO AA**, DE ANDRADE M, ARYA R, BERENSON GS, BLANGERO J, BOEHNKE M, BORECKI IB, CHAGNON YC, CHEN W, COMUZZIE AG, DENG HW, DUGGIRALA R, FEITOSA MF, FROGUEL P, HANSON RL, HEBEBRAND J, HUEZO-DIAS P, KISSEBAH AH, LI W, LUKE A, MARTIN LJ, NASH M, OHMAN M, PALMER LJ, PELTONEN L, PEROLA M, PRICE RA, REDLINE S, SRINIVASAN SR, STERN MP, STONE S, STRINGHAM H, TURNER S, WIJMENGA C, A COLLIER D. Meta-Analysis of Genome-wide Linkage Studies in BMI and Obesity. *Obesity (Silver Spring)*. 2007 Sep;15(9):2263-2275.

51. GUDMUNDSSON J, SULEM P, STEINTHORSDOTTIR V, BERGTHORSSON JT, THORLEIFSSON G, MANOLESCU A, RAFNAR T, GUDBJARTSSON D, AGNARSSON BA, BAKER A, SIGURDSSON A, BENEDIKTSDOTTIR KR, JAKOBSDOTTIR M, BLONDAL T, STACEY SN, HELGASON A, GUNNARSDOTTIR S, OLAFSDOTTIR A, KRISTINSSON KT, BIRGISDOTTIR B, GHOSH S, THORLACIUS S, MAGNUSDOTTIR D, STEFANSDOTTIR G, KRISTJANSSON K, BAGGER Y, WILENSKY RL, REILLY MP, MORRIS AD, KIMBER CH, **ADEYEMO A**, CHEN Y, ZHOU J, SO WY, TONG PC, NG MC, HANSEN T, ANDERSEN G, *et al*. Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. *Nat Genet*. 2007 Aug;39(8):977-83. Epub 2007 Jul 1.
52. CHEN Y, HUANG H, ZHOU J, DOUMATEY A, LASHLEY K, CHEN G, AGYENIM-BOATENG K, EGHAN BA, ACHEAMPONG J, FASANMADE O, JOHNSON T, AKINSOLA FB, OKAFOR G, OLI J, EZEPUE F, AMOAH A, AKAFO S, **ADEYEMO A**, ROTIMI CN. Polymorphism of the endothelial nitric oxide synthase gene is associated with diabetic retinopathy in a cohort of West Africans. *Mol Vis*. 2007 Nov 26;13:2142-7.
53. HJORTSHØJ TD, GRØNSKOV K, PHILP AR, NISHIMURA DY, **ADEYEMO A**, ROTIMI CN, SHEFFIELD VC, ROSENBERG T, BRØNDUM-NIELSEN K. Novel mutations in BBS5 highlight the importance of this gene in non-Caucasian Bardet-Biedl syndrome patients. *Am J Med Genet A*. 2008 Feb 15;146(4):517-20.
54. DU PREEZ J, MATOLWENI LO, GREENBERG J, MNTLA P, **ADEYEMO AA**, MAYOSI BM. The alpha 2C Del322-325 adrenergic receptor polymorphism is not associated with heart failure due to idiopathic dilated cardiomyopathy in black Africans. *Cardiovasc J Afr*. 2008 Jan-Feb;19(1):15-6.
55. SIRUGO G, HENNIG BJ, **ADEYEMO AA**, MATIMBA A, NEWPORT MJ, IBRAHIM ME, RYCKMAN KK, TACCONELLI A, MARIANI-COSTANTINI R, NOVELLI G, SOODYALL H, ROTIMI CN, RAMESAR RS, TISHKOFF SA, WILLIAMS SM. Genetic studies of African populations: an overview on disease susceptibility and response to vaccines and therapeutics. *Hum Genet*. 2008 Jul;123(6):557-98.
56. MCKENZIE CA, ZHU X, FORRESTER TE, LUKE A, **ADEYEMO AA**, BOUZEKRI N, COOPER RS. A genome-wide search replicates evidence of a quantitative trait locus for circulating angiotensin I-converting enzyme (ACE) unlinked to the ACE gene. *BMC Med Genomics*. 2008 Jun 10;1:23.
57. FOX ER, BENJAMIN EJ, SARPONG DF, ROTIMI CN, WILSON JG, STEFFES MW, CHEN G, **ADEYEMO A**, TAYLOR JK, SAMDARSHI TE, TAYLOR HA Jr. Epidemiology, Heritability, and Genetic Linkage of C-Reactive Protein in African Americans (from the Jackson Heart Study). *Am J Cardiol*. 2008 Oct 1;102(7):835-41.
58. **ADEYEMO A**, GERRY N, CHEN G, HERBERT A, DOUMATEY A, HUANG H, ZHOU J, LASHLEY K, CHEN Y, CHRISTMAN M, ROTIMI C. A genome-wide association study of hypertension and blood pressure in African Americans. *PLoS Genet*. 2009 Jul;5(7):e1000564. Epub 2009 Jul 17.
59. Tekola F, Bull S, Farsides B, Newport MJ, **Adeyemo A**, Rotimi CN, Davey G. Impact of social stigma on the process of obtaining informed consent for genetic research on podoconiosis: a qualitative study. *BMC Med Ethics*. 2009 Aug 22;10:13. PubMed PMID: 19698115; PubMed Central PMCID: PMC2736170.
60. **ADEYEMO A**, ROTIMI C. Genetic Variants Associated with Complex Human Diseases Show Wide Variation across Multiple Populations. *Public Health Genomics*. 2010;13(2):72-9. Epub 2009 May 13. PubMed PMID: 19439916; PubMed Central PMCID:PMC2835382.
61. SHRINER D, **ADEYEMO A**, CHEN G, ROTIMI CN. Practical considerations for imputation of untyped markers in admixed populations. *Genet Epidemiol*. 2010 Apr;34(3):258-65. PubMed PMID: 19918757.
62. SHRINER D, **ADEYEMO A**, GERRY NP, HERBERT A, CHEN G, DOUMATEY A, HUANG H, ZHOU J, CHRISTMAN MF, ROTIMI CN. Transferability and fine-mapping of genome-wide associated loci for adult height across human populations. *PLoS One*. 2009 Dec 22;4(12):e8398. PubMed PMID: 20027299; PubMed Central PMCID: PMC2792725.
63. TAYO BO, LUKE A, ZHU X, **ADEYEMO A**, COOPER RS. Association of regions on chromosomes 6 and 7 with blood pressure in Nigerian families. *Circ Cardiovasc Genet*. 2009 Feb;2(1):38-45. Epub 2009 Jan 23. PubMed PMID: 20031566; PubMed Central PMCID: PMC2744324.
64. OKPECHI IG, RAYNER BL, VAN DER MERWE L, MAYOSI BM, **ADEYEMO A**, TIFFIN N, RAMESAR R. Genetic variation at selected SNPs in the leptin gene and association of alleles with markers of kidney disease in a Xhosa population of South Africa. *PLoS One*. 2010 Feb 5;5(2):e9086. PubMed PMID: 20140086; PubMed Central PMCID:PMC2816711.

65. RUIZ-NARVAEZ EA, ROSENBERG L, ROTIMI CN, CUPPLES LA, BOGGS DA, **ADEYEMO A**, COZIER YC, ADAMS-CAMPBELL LL, PALMER JR. Genetic variants on chromosome 5p12 are associated with risk of breast cancer in African American women: the Black Women's Health Study. *Breast Cancer Res Treat*. 2010 Feb 7. [Epub ahead of print] PubMed PMID: 20140701.
66. **ADEYEMO A**, CHEN G, ZHOU J, SHRINER D, DOUMATEY A, HUANG H, ROTIMI C. FTO genetic variation and association with obesity in West Africans and African Americans. *Diabetes*. 2010 Jun;59(6):1549-54. Epub 2010 Mar 18. PubMed PMID: 20299471; PubMed Central PMCID: PMC2874717.
67. KANG SJ, CHIANG CW, PALMER CD, TAYO BO, LETTRE G, BUTLER JL, HACKETT R, **ADEYEMO AA**, GUIDUCCI C, BERZINS I, NGUYEN TT, FENG T, LUKE A, SHRINER D, ARDLIE K, ROTIMI C, WILKS R, FORRESTER T, MCKENZIE CA, LYON HN, COOPER RS, ZHU X, HIRSCHHORN JN. Genome-wide association of anthropometric traits in African- and African-derived populations. *Hum Mol Genet*. 2010 Jul 1;19(13):2725-38. Epub 2010 Apr 16. PubMed PMID: 20400458; PubMed Central PMCID: PMC2883343.
68. CHEN G, SHRINER D, ZHOU J, DOUMATEY A, HUANG H, GERRY NP, HERBERT A, CHRISTMAN MF, CHEN Y, DUNSTON GM, FARUQUE MU, ROTIMI CN, **ADEYEMO A**. Development of admixture mapping panels for African Americans from commercial high-density SNP arrays. *BMC Genomics*. 2010 Jul 5;11:417

Non-Communicable Disease Epidemiology

69. GBADEGESIN RA, ASINOBI AO, OSINUSI K and **ADEYEMO AA**. Is the height/plasma creatinine formula of Schwartz useful as a screening test in detecting Nigerian children with low GFR? *West Afr J Med* 1995; 14: 242-245
70. GBADEGESIN RA, **ADEYEMO AA**, ASINOBI AO and OSINUSI K. Inaccuracy of Schwartz formula in the estimation of glomerular filtration rate in Nigerian children. *Ann Trop Paediatr* 1997; 17: 179-185
71. GBADEGESIN RA, **ADEYEMO AA** and ASINOBI AO. Deaths in childhood nephrotic syndrome in Ibadan. *J Trop Paediatr* 1997;43: 248-249
72. OBISESAN KA, **ADEYEMO AA**, OHAERI JU, ARAMIDE FA, OKAFOR SI. The family planning aspects of the practice of traditional healers in Ibadan, Nigeria. *West Afr J Med* 1997; 16: 184-190
73. OBISESAN KA, **ADEYEMO AA**, FAKOKUNDE BO. Awareness and use of family planning methods among married women in Ibadan, Nigeria. *East Afr J Med* 1998; 75: 133-136
74. OBISESAN KA, **ADEYEMO AA**, OKUNADE MA. Haematological values in pregnancy in Ibadan, Nigeria. *Afr J Med Sci* 1998; 27: 7-11
75. OBISESAN KA, **ADEYEMO AA**. Infertility and other fertility-related issues in the practices of traditional healers and christian religious healers in south western Nigeria. *Afr J Med Sci* 1998; 27: 51-55
76. OBISESAN KA, **ADEYEMO AA**, FAWOLE AO, ADESINA OA. Squamous cell carcinoma of the cervix simulating an advanced malignancy of the ovaries. *Afr J Med Sci* 1998; 27: 135-136
77. OBISESAN KA, **ADEYEMO AA**, ONIFADE RA. Childhood sexuality and child sexual abuse in southwest Nigeria. *J Obstet Gynaecol* 1999; 19: 624-626
78. ROTIMI C, OKOSUN I, JOHNSON L, OWOAJE E, LAWYOIN T, ASUZU M, KAUFMAN J, **ADEYEMO A**, COOPER R. The distribution and mortality impact of chronic energy deficiency among adult Nigerian men and women. *Eur J Clin Nutr* 1999; 53: 734-739
79. ASINOBI AO, GBADEGESIN RA, **ADEYEMO AA**, AKANG EU, ABIOLA AO, OSINUSI K. The predominance of membranoproliferative glomerulonephritis in childhood nephrotic syndrome in Ibadan, Nigeria. *West Afr J Med* 1999;19:203-206.
80. AJAIYEOBA AI, ADEYEFA IA, **ADEYEMO DEBO**, OMOTADE YO. Xerophthalmia and vitamin A deficiency in Nigeria. *Ann Trop Paediatr*. 2000; 20:165-6.
81. KOTILA TR, **ADEYEMO AA**, ABBIYESUKU FM, SHOKUNBI WA. Betke's and elution methods in estimation of haemoglobin F in sickle cell anaemia. *East Afr Med J* 2000; 77: 336-339
82. LUKE A, ROTIMI CN, **ADEYEMO AA**, DURAZO-ARVIZU RA, PREWITT TE, MORAGNE-KAYSER L, HARDERS R, COOPER RS. Comparability of resting energy expenditure in Nigerians and U.S. blacks. *Obes Res*. 2000; 8:351-9.
83. LUKE A, COOPER RS, PREWITT TE, **ADEYEMO AA**, FORRESTER TE. Nutritional consequences of the African diaspora. *Annu Rev Nutr* 2001; 21: 47-71
84. **ADEYEMO AA**, PREWITT TE, LUKE AH, OMOTADE OO, ROTIMI CN, BRIEGER WR, COOPER RS. The feasibility of implementing a dietary sodium reduction intervention among free-living individuals in south west Nigeria. *Ethnicity Dis* 2002; 12: 207-212

85. LUKE A, DURAZO-ARVIZU RA, ROTIMI CN, IAMS H, SCHOELLER DA, **ADEYEMO AA**, FORRESTER TE, WILKS R, COOPER RS. Activity energy expenditure and adiposity among black adults in Nigeria and the United States. *Am J Clin Nutr* 2002 75:1045-50
86. SHETTY P, IYENGAR V, SAWAYA A, DIAZ E, MA G, HERNANDEZ-TRIANA M, FORRESTER T, VALENCIA M, RUSH E, **ADEYEMO A**, JAHLOOR F, ROBERTS S. Application of stable isotopic techniques in the prevention of degenerative diseases like obesity and NIDDM in developing societies. *Food Nutr Bull* 2002 23(3 Suppl):174-179
87. LEMAN C, **ADEYEMO AA**, SCHOELLER DA, COOPER RS, LUKE A. Body composition of children in southwestern Nigeria: validation of bioelectrical impedance analysis. *Ann Trop Paediatr* 2003; 23:61-7
88. MOODY JO, OJO OO, OMOTADE OO, **ADEYEMO AA**, OLUMESE PE, OGUNDIPE OO. Anti-sickling potential of a Nigerian herbal formula (ajawaron HF) and the major plant component (*Cissus populnea* L. CPK). *Phytother Res*. 2003; 17(10):1173-6.
89. OMOLOLU B, TELLA A, OGUNLADE SO, **ADEYEMO AA**, ADEBISI A, ALONGE TO, SALAWU SA, AKINPELU AO. Normal values of knee angle, intercondylar and intermalleolar distances in Nigerian children. *West Afr J Med*. 2003; 22(4):301-4.
90. LUKE A, **ADEYEMO A**, KRAMER H, FORRESTER T, COOPER RS. Association between blood pressure and resting energy expenditure independent of body size. *Hypertension*. 2004; 43:555-60.
91. BOYNE MS, GASKIN P, LUKE A, WILKS RJ, BENNETT FI, YOUNGER N, SARGEANT LA, **ADEYEMO AA**, COOPER RS, FORRESTER TE. Energetic determinants of glucose tolerance status in Jamaican adults. *Eur J Clin Nutr*. 2004; 58(12): 1666-8
92. LUKE A, KRAMER H, **ADEYEMO A**, FORRESTER T, WILKS R, SCHOELLER D, LEMAN C, COOPER RS. Relationship between blood pressure and physical activity assessed with stable isotopes. *J Hum Hypertens*. 2005; 19: 127-32
93. LUKE A, **ADEYEMO A**, KRAMER H, FORRESTER T, COOPER RS. Response: Blood Pressure, Resting Energy Expenditure, and Creatine Kinase Activity: Hypertension. 2004 Jul 26; [Epub ahead of print]
94. FORRESTER T, **ADEYEMO A**, SOARRES-WYNTER S, SARGENT L, BENNETT F, WILKS R, LUKE A, PREWITT E, KRAMER H, COOPER RS. A randomized trial on sodium reduction in two developing countries. *J Hum Hypertens*. 2005; 19: 55-60
95. BOYNE MS, GASKIN P, LUKE A, WILKS RJ, BENNETT FI, YOUNGER N, SARGEANT LA, **ADEYEMO AA**, COOPER RS, FORRESTER TE. Energetic determinants of glucose tolerance status in Jamaican adults. *Eur J Clin Nutr*. 2004 Dec;58(12):1666-8.
96. COOPER RS, WOLF-MAIER K, LUKE A, **ADEYEMO A**, BANEGAS JR, FORRESTER T, GIAMPAOLI S, JOFFRES M, KASTARINEN M, PRIMATESTA P, STEGMAYR B, THAMM M. An international comparative study of blood pressure in populations of European vs. African descent. *BMC Med*. 2005 Jan 05;3(1):2.
97. OLI JM, **ADEYEMO AA**, OKAFOR GO, OFOEGBU EN, ONYENEKWE B, CHUKWUKA CJ, CHEN G, CHEN Y, DOUMATEY AP, AJE TO, ROTIMI CN. Beta cell function and response to treatment in Nigerians with Type 2 diabetes mellitus. *Diabetes Res Clin Pract*. 2005 Aug;69(2):196-204.
98. LUKE A, DURAZO-ARVIZU R, CAO G, **ADEYEMO A**, TAYO B, COOPER R. Positive association between resting energy expenditure and weight gain in a lean adult population. *Am J Clin Nutr*. 2006 May;83(5):1076-81.
99. CAPPuccio FP, KERRY SM, **ADEYEMO A**, LUKE A, AMOAH AG, BOVET P, CONNOR MD, FORRESTER T, GERVASONI JP, KAKI GK, PLANGE-RHULE J, THOROGOOD M, COOPER RS. Body size and blood pressure: an analysis of Africans and the African diaspora. *Epidemiology*. 2008 Jan;19(1):38-46.
100. DURAZO-ARVIZU RA, LUKE A, COOPER RS, CAO G, DUGAS L, **ADEYEMO A**, BOYNE M, FORRESTER T. Rapid increases in obesity in Jamaica, compared to Nigeria and the United States. *BMC Public Health*. 2008 Apr 23;8:133.
101. EBERSOLE KE, DUGAS LR, DURAZO-ARVIZU RA, **ADEYEMO AA**, TAYO BO, OMOTADE OO, BRIEGER WR, SCHOELLER DA, COOPER RS, LUKE AH. Energy Expenditure and Adiposity in Nigerian and African-American Women. *Obesity (Silver Spring)*. 2008 Sep;16(9):2148-54.
102. LUKE A, DUGAS LR, EBERSOLE K, DURAZO-ARVIZU RA, CAO G, SCHOELLER DA, **ADEYEMO A**, BRIEGER WR, COOPER RS. Energy expenditure does not predict weight change in either Nigerian or African American women. *Am J Clin Nutr*. 2009 Jan;89(1):169-76. Epub 2008 Dec 3.
103. TEKOLA F, BULL SJ, FARSIDES B, NEWPORT MJ, **ADEYEMO A**, ROTIMI CN, DAVEY G. Tailoring consent to context: designing an appropriate consent process for a biomedical study in a low income setting. *PLoS Negl Trop Dis*. 2009 Jul 21;3(7):e482.

104. DOUMATEY AP, LASHLEY KS, HUANG H, ZHOU J, CHEN G, AMOAH A, AGYENIM-BOATENG K, OLI J, FASANMADE O, ADEBAMOWO CA, **ADEYEMO AA**, ROTIMI CN. Relationships among obesity, inflammation, and insulin resistance in African Americans and West Africans. *Obesity (Silver Spring)*. 2010 Mar;18(3):598-603. Epub 2009 Oct 1. PubMed PMID: 19798069.
105. MEILLEUR KG, DOUMATEY A, HUANG H, CHARLES B, CHEN G, ZHOU J, SHRINER D, **ADEYEMO A**, Rotimi C. Circulating Adiponectin Is Associated with Obesity and Serum Lipids in West Africans. *J Clin Endocrinol Metab*. 2010 Apr 9. [Epub ahead of print] PubMed PMID: 20382687.

Infectious Disease/Communicable Disease

106. **ADEYEMO AA**, AKINDELE JA and OMOKHODION SI : *Klebsiella septicaemia*, osteomyelitis and septic arthritis in neonates in Ibadan, Nigeria. *Ann Trop Paediatr* 1993; 13:285-289.
107. OMOKHODION SI, **ADEYEMO AA** and AKINDELE JA. Neonatal *Klebsiella septicaemia* in Ibadan: Implications for neonatal care in developing countries. *Early Child Dev Care* 1993; 91: 71-85
108. **ADEYEMO AA**, GBADEGESIN RA, ONYEMENEM TN and EKWEOZOR CC. Urinary tract pathogens and antimicrobial sensitivity patterns in children in Ibadan, Nigeria. *Ann Trop Paediatr* 1994;14: 271-274
109. FALADE AG, FATUNDE OJ, AJAYI KO, ALUKO OT, **ADEYEMO AA** and FAMILUSI JB. Local tetanus: a case report. *Niger J Paediatr* 1994; 21 : 63-65
110. SODEINDE O, GBADEGESIN RA, **ADEYEMO AA** and ADEMOWO OG. Prehospital treatment of acute childhood diarrhoea in Ibadan, Nigeria. *Niger J Paediatr* 1994; 21 (Suppl): 132-136
111. OMOTADE OO, KAYODE CM, DARE OO, OLADEPO O and **ADEYEMO AA**. Perceptions and first line home treatment of diarrhoeal diseases in Ona Ara Local Government Area of Oyo State. *Niger J Paediatr* 1994; 21(suppl) : 80-87
112. OMOTADE OO, KAYODE CM, **ADEYEMO AA** and OLADEPO O. Observations on hand washing practices of mothers and environmental conditions in Ona-Ara Local Government Area of Oyo State. *J Diarrhoeal Dis Res* 1995; 13: 224-228
113. GBADEGESIN RA, **ADEYEMO AA** and OSINUSI K. Post-neonatal tetanus in Ibadan. *Niger J Paediatr* 1996; 23: 11-15
114. SODEINDE O, **ADEYEMO AA**, GBADEGESIN RA, OLALEYE BO, AJAYI-OBE K and ADEMOWO OG. The interaction between falciparum malaria and acute diarrhoea among Nigerian children. *J Diarrhoeal Dis Res* 1996; 14: 269-273
115. OBISESAN KA, OLALEYE OD, **ADEYEMO AA**. The increasing prevalence of HIV-1 and HIV-2 infections in a low-risk antenatal population in south west Nigeria. *Int J Gynecol Obstet* 1997; 56: 271-273
116. GBADEGESIN RA, SODEINDE O, **ADEYEMO AA**, ADEMOWO OG. Body temperature is a poor predictor of malaria parasitaemia in childhood acute diarrhoea. *Ann Trop Paediatr* 1997;17: 89-94
117. SODEINDE O, **ADEYEMO AA**, GBADEGESIN RA, ADEMOWO OG. Lack of association between malaria and diarrhoea in Nigerian children. *Am J Trop Med Hyg* 1997; 57: 702-705
118. SODEINDE O, **ADEYEMO AA**, GBADEGESIN RA, ADEMOWO OG. Persistent diarrhoea in children aged less than five years : a hospital based study. *J Diarr Dis Res* 1997; 15: 155-160
119. **ADEYEMO AA**, SODEINDE O, GBADEGESIN RA and ADEMOWO OG. Breastfeeding and bloody diarrhoea in young children in Ibadan, Nigeria. *J Trop Paediatr* 1997; 43: 235-236
120. AMODU OK, **ADEYEMO AA**, OLUMESE PE, GBADEGESIN RA. Intraleucocytic malaria pigment in asymptomatic and uncomplicated malaria. *East Afr Med J* 1997; 74: 714-716
121. OLUMESE PE, **ADEYEMO AA**, GBADEGESIN RA, WALKER O. Retinal haemorrhage in cerebral malaria. *East Afr Med J* 1997; 74: 285-287
122. OKUNRIBIDO OO, BRIEGER WR, OMOTADE OO, **ADEYEMO AA**. Cultural perceptions of diarrhoea and illness management choices among Yoruba mothers in Oyo State, Nigeria. *Int Quarterly Comm Health Education* 1997-98; 17: 309-318
123. AMODU OK, **ADEYEMO AA**, OLUMESE PE, GBADEGESIN RA. Intraleucocytic malaria pigment and clinical severity of malaria infection in children. *Trans R Soc Trop Med Hyg* 1998; 92: 54-56
124. OLALEYE OD, OMOTADE OO, SHENG Z, **ADEYEMO AA**, ODAIBO G. Human T-lymphotropic virus prevalence in mother-child pairs in south west Nigeria. *J Trop Paediatr* 1999; 45: 66-70
125. OLUMESE PE, GBADEGESIN RA, **ADEYEMO AA**, BROWN B, WALKER O. Neurological features of cerebral malaria in Nigerian children. *Ann Trop Paediatr* 1999; 19: 321-325
126. OLUMESE PE, BJORKMAN A, GBADEGESIN RA, **ADEYEMO AA**, WALKER O. Comparative efficacy of intramuscular artemether and intravenous quinine in Nigerian children with cerebral malaria. *Acta Tropica* 1999; 73: 231-236

127. **ADEYEMO AA**, OLUMESE PE, GBADEGESIN RA, AMODU OK. Correlates of hepatomegaly and splenomegaly among healthy school children in a malaria-endemic village. *Niger J Paediatr* 1999; 26: 1-3
128. OMOTADE OO, **ADEYEMO AA**, KAYODE CM, OLADEPO O. Treatment of childhood diarrhoea in Nigeria: Need for adaptation of health policy and programmes to cultural norms. *J Health Pop Nutr* 2000; 18: 139-144
129. OMOTADE OO, OLALEYE DO, SALIU L, ODAIBO NG, **ADEYEMO AA**. Human immunodeficiency virus seropositivity among mother-child pairs in south west Nigeria : a community based survey. *West Afr J Med* 2001; 20: 232-236
130. KAYODE CM, **ADEYEMO AA**, OMOTADE OO. Beliefs and perceptions about HIV infection and AIDS among mothers of infants in Ibadan, Nigeria. *West Afr J Med* 2002;21:43-7
131. OLUMESE PE, AMODU OK, BJORKMAN A, **ADEYEMO AA**, GBADEGESIN RA and WALKER O. Chloroquine resistance of *Plasmodium falciparum* is associated with severity of disease in Nigerian children. *Trans R Soc Trop Med Hyg* 2002; 96: 418-420
132. AYOOLA OO, **ADEYEMO AA** & OSINUSI K. Predictors of Bacteraemia among Febrile Infants in Ibadan, Nigeria. *J Health Popul Nutr* 2002: 20:223-229
133. OGUCHE S, OMOKHODION SI, **ADEYEMO AA**. Low plasma bicarbonate predicts poor outcome of cerebral malaria in Nigerian children. *West Afr J Med*. 2002 ; 21: 276-9.
134. AYOOLA OO, **ADEYEMO AA**, OSINUSI K. Aetiological agents, clinical features and outcome of septicaemia in infants in Ibadan. *West Afr J Med*. 2003 ; 22: 30-4.
135. AMODU OK, OLUMESE PE, GBADEGESIN RA, AYOOLA OO, **ADEYEMO AA**. The influence of individual preventive measures on the clinical severity of malaria among Nigerian children. *Acta Trop*. 2006 Mar;97(3):370-2.

Book chapter

136. **ADEYEMO AA**. *Nigeria*. Book chapter In: D'Avanzo CE (ed): **Cultural Health Assessment. 4th edition**. Mosby's Pocket Guide Series. St. Louis, MO: Mosby Inc. 2007
137. **ADEYEMO AA**. *Nigeria*. Book chapter In: D'Avanzo CE, Geissler EM (eds): **Cultural Health Assessment. 3rd edition**. Mosby's Pocket Guide Series. St. Louis, MO: Mosby Inc. 2003. pp 587-593.