**CV for Professor Benjamin Ackon Eghan Jnr**

Nephrologist and Diabetologist

Associate Professor, Dept of Medicine, Kwame Nkrumah University of Science and Technology, School of Medical Sciences

**ACADEMIC DEGREES**

* B.Sc. Human biology, KNUST, November 1986
* MBChB, KNUST, December 1989
* Diploma of Imperial College in Renal Medicine, Imperial College  (formerly Royal Postgraduate Medical School, London, UK - 31st  October 1998
* M.Sc Renal Medicine, Imperial College, London, UK -1st November  1998
* Dr Med. (Doktor medizin) (laude cum), University of Ulm, Germany  April 2001
* Certificates in Epidemiology:

o Infectious diseases epidemiology, University of Ulm, Germany 2005

o Clinical trial, University of Ulm, Germany - 2005

o Introduction to Epidemiology, University of Ulm, Germany - 2007

o Clinical Epidemiology, University of Ulm, Germany - 2007

**b. INSTITUTIONS ATTENDED**

* Ghana Secondary Technical School, September 1975 to June 1982
* KNUST, 1982 -1989
* Imperial College School of Medicine (1997-1998)
* University of Ulm 1998-2001 (External Student)  2.
* **University teaching and or Research experience with dates**
* Academic Ranks held and subject taught
* a. Academic Ranks held

I. Full Professor, Department of Medicine, School of Medical Sciences. 2019 to date

Associate Professor, Department of Medicine, School of Medical Sciences. 2009- 2019

II. Senior Research Fellow, Department of Medicine, School of Medical Sciences. 2004-2009

1. Research Fellow in the Department of Medicine, School of Medical Sciences 1999-2004
2. Examination Officer, Department of Medicine, SMS. 2002-2007
3. Examiner (Internal and external) for Graduate school, KNUST  from 1999 to date for MSc, MPhil and PhD students. Since 2001  to date.
4. Examiner for Graduate Scholl, University of Cape Coast

**Subject taught:**

1. Internal Medicine 468: 4th year Medical and Dental students

2. Internal Medicine 668: 6th year Medical students

3. Supervision of Postgraduate students project work/theses/research in Biochemistry, Molecular Medicine and Clinical microbiology

4. Academic tutor for Foreign medical students

Publications

1. Yeboah FA, Nkum B, Amankwaa B, **EghanJr.,B.A.** Acheampong E, Nsiah P, Okyere P.,Owusu L.,Nsenba EB., ,Odame E Anto. (2017) Metabolic syndrome among Ischaemic stroke patients in Ghana: The role of Renin and Aldosterone. Open Access Library Journal,4 e3952 (https://doi.org/10.4236/oalib.1103952)
2. Acquah S, BoampongJN, **EghanJnrBA.** (2017) Functional paradoxof leptins and adeponectin in diabetes patients and controls in the Cape Coast Metropolis of Ghana. Med JD Y Patil University 2017:!0; 268-76.
3. Benjamin Asuoko, MondayO.Owusu, **Benjamin A.Eghan**, and Peter Sarpong. (2017) Fasting plasma glucose and lipid profiles of diabetic patients improve with aerobic exercise training. *Ghana Med. Journal;* 51(3): 120-127.
4. AcquahS, **EghanBA**, Boampong JN. (2017)Highprevalenceof dyslipidemia irrespective of obesity in the Cape Coast metropolis of  Ghana. Ibnosia J Med Biomed Sci, 2017;9:103-10
5. SallyAdebamowo, Adebowale Adeyema,Fasil Tekola-Ayele,Ayo P. Doumatey, Amy R Bentley, Guanjie Chen, Jie Zhou, Daniel Shriner, Olufemi A Fasanmade, Godfrey Okafo, **Benjamin Eghan**, Kofi Agyenim- Boateng, Jokotade Adeleye, Willianm Balogun, Albert Amoah, Samuel Owusu, Joseph Acheampong, Thomas Johnson, Johnnie Oli, Clement A. Adebamowo, Charles N. Rotimi (2016) Impact of Type 2 Diabetes on impaired Kidney function in Sub-Saharan African Population. *Frontier Endocrinol* 7:50. Dol:10. 3389/fendo. 2016.
6. *Richard K.D Ephrim, Eric Arthur, W.K.B.AOwiredu, Prince Adoba, Hope*  *Agbodzakey,* ***Ben A. Eghan*** (2016***)*** Chronic Kidney disease stages among Diabetes patients in Cape Coast metropolis. Saudi Journal of kidney disease and and Transplant 2017;27(6):1231-1238
7. Osei Sarfo-Kantanka, Fred Stephen Sarfo, Eunice Oparebea Ansah, **Benjamin Eghan,** Nana Kwame Ayisi-Boateng, Emmanuel Acheamfour- Akowuah (2016) Secular trends in Admissions and mortality rates from Diabetes mellitus in the central Belt of Ghana: A 31- year review. PLoS one 11(11)
8. SamuelAcquah, Johnson Nyarko Boampong, **BenjaminAckonEghan jnr** (2016) Increased Oxidative Stress and inflammation independent of Body adiposity in Diabetic and Nondiabetic controls in falciparum Malaria. *Biomedical Research international.* Volume 2016,article ID 5216913,7 pages. http//dx.dol.org/10.1155/2016/5216913
9. SamuelAcquah, **Benjamin Ackon Eghanjnr,** Johnson Nyarko Boampong. (2016) Elevated adiponectin but varied response in circulating leptin levels to falciparum malaria in type 2 Diabetes and non- diabetic controls. Biomedical Journal 39(2016) 346-353
10. Samuel Acquah, **Benjamin Ackon Eghan Jnr,** Salifu Bawa, Johnson Nyarko Boampong. (2015). Differential response in lipid levels of type 2 diabetics and non-diabetic controls to falciparum malaria. *Asian Journal of Medical Sciences | Jan-Mar 2015 | Vol 6 | Issue 1*
11. Adeyemo AA, Tekola-Ayele F, Doumatey AP, Bentley AR, Chen G, Huang H, Zhou J, Shriner D, Fasanmade O, Okafor G, **Eghan B Jr,** Agyenim-Boateng K, Adeleye J, Balogun W, Elkahloun A, Chandrasekharappa S, Owusu S, Amoah A, Acheampong J, Johnson T, Oli J, Adebamowo C, Collins F, Dunston G, Rotimi CN. (2015). Evaluation of Genome Wide Association Study Associated Type 2 Diabetes Susceptibility Loci in Sub Saharan Africans. *Front Genet. 2015 Nov 24; 6:335*
12. Tekola-Ayele F, Doumatey AP, Shriner D, Bentley AR, Chen G, Zhou J, Fasanmade O, Johnson T, Oli J, Okafor G, **Eghan BA** Jr, Agyenim- Boateng K, Adebamowo C, Amoah A, Acheampong J, Adeyemo A, Rotimi CN (2015). Genome-wide association study identifies African- ancestry specific variants for metabolic syndrome. *Mol Genet Metab. 2015 Oct 23. pii: S1096-7192(15)*
13. Ruth C. Brenyah, Richard K. D. Ephraim, **Ben A. Eghan Jnr**, John Asamoah (2014) Bacterial Profile of Diabetic Foot Ulcers of Patients Visiting a Specialist Diabetic Clinic at Komfo Anokye Teaching Hospital, Kumasi, Ghana. *British Journal of Medicine & Medical Research 4(27): 4501-4510, 2014*
14. Osei Sarfo-Kantanka, Ellis Owusu-Dabo, Fred Adomako-Boateng, **Benjamin Eghan,** Joslin Dogbe, George Bedu-Addo. (2014). An assessment of prevalence and risk factors for hypertension and diabetes during world diabetes day celebration in Kumasi, Ghana. *East African Journal of Public Health, Volume 11 No 2, 2014*
15. Samuel Acquah, Johnson Nyarko Boampong, **Benjamin Ackon Eghan Jnr**, Magdalena Eriksson (2014), Evidence of Insulin Resistance in Adult Uncomplicated Malaria: Result of a Two-Year Prospective Study. *Malaria Research and Treatment, Volume 2014, Article ID 136148, 8 pages*
16. Doumatey AP, Chen G, TekolaAyele F, Zhou J, Erdos M, Shriner D, Huang H, Adeleye J, Balogun W, Fasanmade O, Johnson T, Oli J, Okafor G, Amoah A, **Eghan BA**, Agyenim-Boateng K, Acheampong J, Adebamowo C, Gerry NP, Christman MF, Adeyemo A, Rotimi CN. (2014) C-reactive protein (CRP) promoter polymorphisms influence circulating CRP levels in a genome-wide association study of African Americans. *Hum Mol Genet. 2012 Jul 1; 21(13): 3063-72. Doi: 10.1093/hmg/dds133. Epub 2012 Apr 5.*
17. W.K.B.A. Owiredu, R.K.D. Ephraim, N. Amidu, **B.A. Eghan Jnr**, E.F. Laing. (2012) Oxidative Stress among Ghanaian Patients presenting with Chronic Kidney Disease. *Journal of Medical and Biomedical Sciences (2012) 1(1): 28-37*
18. William K. Boakye Ansah Owiredu, Richard Kobina Dadzie Ephraim, **Ben A. Eghan Jnr,** Nafiu Amidu, and Edwin F. Laing. (2012) Relationship between parathyroid hormone and electrolytes in chronic kidney disease. *Journal of Medical Research Vol. 1(8). pp.0103-0111, September, 2012*
19. W.K.B.A Owiredu, R.K.D. Ephraim, **B.A. Eghan Jnr**. N Amidu, and E.F. Laing. (2012) Metabolic syndrome among Ghanaian patients presenting with chronic kidney disease. *Journal of Medical and Biomedical Sciences (2012) 1(3): 1-*
20. Bentley AR, Doumatey AP, Chen G, Huang H, Zhou J, Shriner D, Jiang C, Zhang Z, Liu G, Fasanmade O, Johnson T, Oli J, Okafor G, **Eghan BA Jr,** Agyenim-Boateng K, Adeleye J, Balogun W, Adebamowo C, Amoah A, Acheampong J, Adeyemo A, Rotimi CN. (2012). Variation in APOL1 Contributes to Ancestry-Level Differences in HDLc-Kidney Function Association. *Int J Nephrol. 2012;2012:748984. doi: 10.1155/2012/748984. Epub 2012 Sep 2.*
21. Doumatey AP, Zhou J, Huang H, Adeleye J, Balogun W, Fasanmade O, Johnson T, Oli J, Okafor G, Amoah A, **Eghan B,** Agyenim-Boateng K, Acheampong J, Adebamowo C, Adeyemo A, Rotimi CN. (2012). Circulating adiponectin is associated with renal function independent of age and serum lipids in West africans. *Int J Nephrol. 2012; 2012:730920. doi: 10.1155/2012/730920. Epub 2012 Aug 22.*
22. Tekola Ayele F, Doumatey A, Huang H, Zhou J, Charles B, Erdos M, Adeleye J, Balogun W, Fasanmade O, Johnson T, Oli J, Okafor G, Amoah A, **Eghan BA Jr,** Agyenim-Boateng K, Acheampong J, Adebamowo CA, Herbert A, Gerry N, Christman M, Chen G, Shriner D, Adeyemo A, Rotimi CN. (2012) Genome-wide associated loci influencing interleukin (IL)-10, IL-1Ra, and IL-6 levels in African Americans. *Immunogenetics.* 2012 May;64(5):351-9. doi: 10.1007/s00251-011-0596- 7. Epub 2011 Dec 29.
23. R.C. Brenyah, R.K.D. Ephraim, W.K.B.A. Owiredu, **B.A. Eghan Jn**r, L. Quaye (2013). Prevalence and determinants of proteinuria among type 2 diabetics in Kumasi, Ghana. *Journal of Medical and Biomedical Sciences (2013) 2(1): 13-21*
24. **Eghan BA**, Amoako-Atta K, Kankam CA, Nsiah-Asare A. (2009) Survival pattern of haemodialysis patients in Kumasi, Ghana. A summary of 40 patients initiated on haemodialysis at a new haemodialysis unit. (Haemodialysis international, Hemodialysis International 2009; 13:467– 471.
25. Richard KD Ephraim, William KBA Owiredu, **Benjamin A Eghan** Jnr et al, (2008). Anemia as a risk factor for cardiovascular disease in patients with chronic kidney disease, J Med Sci 8(8) 707-714 15th December 2008
26. KD Ephraim, **BA Eghan (2008)** Predictive performance of Renal function equations among Ghanaians presenting with Chronic Kidney Disease, J. Med Sci 8 (5), 491-497, Aug 2008
27. MT Agyei-Frempong, FVK Titty, **BA Eghan** et al. (2008) Prevalenceof Autoimmune Diabetes among Diabetes mellitus patients in Kumasi, Ghana. Pakistani Journal of Biological sciences 11(19), 2320-2325, 2008.  *My contribution:* 14
28. **EghanBAJr,** Frempong MT,Adjei-Poku M. (2007) Prevalence and predictors of microalbuminuria in patients with diabetes mellitus: a cross- sectional observational study in Kumasi, Ghana. Ethn Dis. 2007 Autumn;17 (4):726-30.
29. ChenY, Huang H, **Eghan BA et al**, (2007) 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.
30. Chen G, Adeyemo A, **Eghan BA Jr et al,** (2007) Genome-wide search for susceptibility genes to type 2 diabetes in West Africans: Potential role of C-peptide. Diabetes Res ClinPract. 2007 Dec;78(3):e1-e6. Epub 2007 Jun 4.
31. Chen G, Adeyemo AA, **Eghan BA Jr et al**,(2007) Agenome-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.
32. Rotimi CN, Chen G, **Eghan** **BA Jr et al,** (2006) Genome wide 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.
33. Bonilla C, Panguluri RK, **Eghan BA et al**, (2006) 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
34. Adeyemo AA, Johnson T, **Eghan BA Jr** et al, (2005) 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.
35. Chen Y, Kittles R, **Eghan BA Jr** et al, (2005) Calpain-10 gene polymorphisms and type 2 diabetes in West Africans: the Africa America Diabetes Mellitus (AADM) Study. Ann Epidemiol. 2005 Feb;15 (2):153-9.
36. Chen G, Adeyemo AA, **Eghan BA et al,** (2005) A genome-wide scan for quantitative trait loci linked to obesity phenotypes among West Africans. Int J Obes (Lond). 2005 Mar; 29(3): 255-9.
37. 14.Rotimi CN, Chen G, **Eghan BA Jr et al, (2004)** The Africa America Diabetes Mellitus (AADM) Study. A genome-wide search for type 2 diabetes susceptibility genes in West Africans: the Africa America Diabetes Mellitus (AADM) Study. Diabetes. 2004 Mar;53(3):838-41. Erratum in: Diabetes. 2004 May;53(5):1404. Guass, Debra
38. Acheampong JW, Agyenim-Boateng K, ***Eghan BA* et** al ; (2000) *The impact of diabetes nurses in Komfo Anokye Teaching Hospital, Ghana: Diabetes International (DI),* Vol. 10 No 3 Nov 2000,81-83 *My contribution:*
39. **Eghan BA**, Acheampong JW, Keller F; (2001) *Atheroembolic renal disease during treatment with low-molecular-weight heparin.* Indian Journal of Clinical Practice *(International edition) IJCP:Jan-Feb 2001,9-11.*
40. **Eghan BA,** Frimpong C, Acheampong JW; (2001) *Factors predicting survival of Acute Stroke patients at Komfo Anokye Teaching Hospital (KATH), Kumasi.GMJ, 2001,Vol 35 No 4:150-4*
41. **Eghan BA,** Acheampong JW; (2002) *Factors predicting survival of Pyogenic Meningitis patients at Komfo Anokye Teaching Hospital (KATH), Kumasi. IJCP (International edition) Jan-Feb 2002:20-25*
42. **Eghan BA,** Acheampong JW: (2003) *Dyslipidaemia in outpatients at a General hospital in Kumasi, Ghana: A cross-sectional study. CMJ, 2003:44(5): 576- 579*
43. C. Rotimi, G. Chen, J. Zhou, **B. Eghan Jr.** et al, (2002) *A Genome search for Type 2 Diabetes Susceptibility Genes in West Africans: The AADM study.* American Journal of Human Genetics (*AJHG), Vol. (4)Supl, Oct 2002 .*
44. Y Chen, R. Kittles, J. Zhou, Chen G, B. **Eghan Jr.** et al (2002) *Calpain*- 10*Gene Polymorphisms and Type 2 Diabetes in West Africans.AJHG, Vol. (4) Supl, Oct 2002 My contribution*
45. G. Chen, Acheampong, K. Agyenim-Boateng, **B. Eghan Jr.** et al (2002) *Scanning the Genome for Obesity Susceptibility Genes in Type 2 Diabetes Patients from West Africa.AJHG, Vol. (4)Supl, Oct 2002 My contribution:*
46. G. Chen, J. Zhou, A. Amoah, **B.Eghan Jr. et al**, (2002) *Genome Search for Genes Underlying Susceptibility to Insulin Resistance Syndrome in Type 2 Diabetes Patients from West Africa.AJHG, Vol. (4)Supl, Oct 2002.*
47. RotimiC, Daniel H, **Eghan BA et al, (2003)** *Prevalence and determinants of retinopathy and cataracts in West African type 2 Diabetes patients.Ethn Dis.* 2003;13(suppl 2);S2-110-117.
48. Chen Y, Kittles R, **Eghan B** et al, (2005) Calpain-10 gene polymorphisims and Type 2 Diabetes in West Africans: The Africa America Diabetes Mellitus (AADM) study AEP Vol 15, No 2, 2005, 153-9\* *My contribution:*
49. 26.Rotimi CN, Chen G, K, **Eghan BA Jr, (2004)** *A genome-wide search for type 2 diabetes susceptibility genes in West Africans: the Africa America Diabetes Mellitus (AADM) Study.* Diabetes. 2004 Mar;53(3):838-41. Erratum in: Diabetes. 2004 May;53 (5):1404.
50. Abstracts and Poster presentation

1. 27.A Genome-wide Search for Type 2 Diabetes Susceptibility Genes in West Africans: The AADM study. *C. Rotimi, G. Chen,* **B. Eghan Jr**.*,et al .*.
2. **28.**Calpain-10 Gene Polymorphisms and Type 2 Diabetes in West Africans. *Y Chen1, R. Kittles,* **B. Eghan Jr. et al**
3. **29.**A Genome Search for Genes Underlying Susceptibility to Insulin Resistance Syndrome in a Cohort of Type 2 Diabetes Patients from West Africa. *G. Chen1, J. Zhou1,***B. Eghan Jr et al**
4. 30. A Genome-Wide Scan for Obesity Susceptibility Genes in a Cohort of Type 2 Diabetes Patients from West Africa. *G. Chen1, J. Zhou,***B. Eghan Jr.** et al