


TEMPLATE FOR BIODATA OF STAFF

Name: Edwin Ferguson Laing

Department: Molecular Medicine

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	Personal Website/Blog:	

Qualifications (Degree/Education) with dates:

<u>August 2005</u>	Foundation Fellow Ghana College of Physicians and Surgeons
<u>Dec 2000</u>	PhD Sch. of Biochemistry & Molecular Biology, University of Leeds, UK
<u>1993</u>	Certificate of Participation, Nuclear Medicine, University of Cairo
<u>Sept 1988</u>	MSc Clinical Biochemistry, University of Leeds, Leeds, LS2 9JT, UK
<u>1983</u>	MB ChB
<u>1980</u>	Bsc Human Biology

Institutions of Study with dates:

1969-1976	Adisadel College, Cape Coast, Ghana
1976-1983	Kwame Nkrumah University of Science & Technology, Kumasi, Ghana
1987-1988	University of Leeds, Leeds, UK
1993-1993	University of Cairo, Cairo, Egypt
1995-1995	Royal Post-Graduate Medical School, Hammersmith Hospital, London, UK
1995 -2000	University of Leeds, Leeds, UK

Area of Specialty:

Clinical Biochemistry:
Oct 1987-Sept 1988
MSc Clinical Biochemistry
University of Leeds, Leeds, LS2 9JT, UK
Dec.1995-Jan. 2000
PhD Biochemistry and Molecular Biology
University of Leeds, Leeds, LS2 9JT, UK

Research Interest (Where Applicable):

Metabolic Syndrome	
Diabetes Mellitus, Hb A1c and Insulin Resistance	
Diabetes Mellitus and Thyroid Disease	
Vitamin D Metabolism	
Collagen, Keloids and Fibrotic Skin Diseases	

Area of Interest (Where Applicable):

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Employment Records & Position Held/Hold (with dates):

1984-1985	House Officer, Komfo Anokye Teaching Hospital, Kumasi, Ghana
1985-1986	Senior House Officer, Komfo Anokye Teaching Hospital, Kumasi, Ghana
1985-1987	Medical Officer, Komfo Anokye Teaching Hospital
1987-1988	Senior Medical Officer, Komfo Anokye Teaching Hospital (Study-leave)
1989-date	Lecturer, Kwame Nkrumah University of Science & Technology, Kumasi
Feb 1993	International Atomic Energy Agency (IAEA) Trainee at Regional Training course on Nuclear Medicine at Kasr El-Einy Centre of Radiation, Oncology and Nuclear Medicine, University of Cairo, Cairo, Egypt
April-Oct: 1995	IAEA Fellow at the Royal Post-Graduate Medical School, Hammersmith Hospital, London, UK
Dec 1995- Jan 2000	Research Student: School of Biochemistry and Molecular Biology, University of Leeds, Leeds, LS2 9JT, UK
2000-2002	Head: Department of Molecular Medicine, School of Medical Sciences, KNUST, Kumasi, Ghana
2003-2009	Doctor-in-Charge: Wednesday Diabetic Clinic, Komfo Anokye Teaching Hospital Kumasi, Ghana
2009-2019	Head: Department of Biochemistry: Komfo Anokye Teaching Hospital Kumasi, Ghana

Professional/Teaching Experience (with dates): This should include current courses taught by semester and teaching load:

Medical Biochemistry: SMS 281, SMS 282, SMS 265 266,
 Chemical Pathology: Pharm D III Pharm 485/486 Med Lab Tech IV SMS 485/486 MB ChB I
 SMS 465/466 Post graduates SMS 565 566

Update pending

Positions held (with dates):

2000-2002	Head: Department of Molecular Medicine, School of Medical Sciences, KNUST, Kumasi, Ghana
2003-2009	Doctor-in-Charge: Wednesday Diabetic Clinic, Komfo Anokye Teaching Hospital Kumasi, Ghana

Employment Records & Position Held/Hold (with dates):

2009-2019	Head: Department of Biochemistry: Komfo Anokye Teaching Hospital Kumasi, Ghana
2015-2019	Lead Clinician, Directorate of Diagnostics, Komfo Anokye Teaching Hospital Kumasi, Ghana
2015 & 2021	Reviewer, KNUST Research Fund (KReF) applications, October 2015
2015	Head: Department of Sonography, FAHS, CoHS, KNUST August
2014	Chairman: Subject Content Review Committee, Department of Molecular Medicine, SMS, KNUST, September 2014
2015	Member: Medical School Admission Interview Committee
2014	Medical School Admission Interview Committee,
2013	Member: Medical School Admission Interview Committee,
2013-2015	Member: Medical School Library Committee.
2012- 2015	Member and Clinical Pathologist, Technical Advisory Committee on Clinical Trials (TAC-CT) of the Food and Drugs Authority (FDA) Ghana
2012	Chairman: (first ever) Equipment Policy Committee , Komfo Anokye Teaching Hospital, Kumasi, to draft an Equipment Policy for the Hospital
2011	Member: Interview Panel to select candidates for admission to BSc Human Biology/BDS (Dental Surgery) programme Sept 2011
2010-2012	Head: Department of Molecular Medicine, School of Medical Sciences, KNUST, Kumasi, Ghana
2010:	Senior Lecturer Department of Molecular Medicine, SMS, KNUST

Honours & Awards:**Achievements:**

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Associations/Affiliations (*Contribution and Current Position*):

PROFESSIONAL ASSOCIATIONS	
Dec1989-date	Member: University Teachers Association of Ghana
2000-date	Member: Ghana Science Association
2005 till date	Member: Faculty Board: Ghana College of Physicians (Laboratory Medicine Div)
2012 till 2020	Member Technical Advisory Committee on Clinical Trials (TAC-CT, FDA Ghana)

Publications (or Articles):

Grants/Funds won with dates:

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Research Projects (*Current and Past Projects*):

PREVIOUS PROJECTS
Pending
CURRENT PROJECTS
1. VEGF gene polymorphisms as risk and prognostic markers for colorectal cancer in a Ghanaian population (2020)
2. Genomics of T2DM in SSA studied through the application of restriction fragment length polymorphism (RFLP)-PCR (2020)
3. Candidate gene polymorphisms and risks of type-2 diabetes mellitus in a Ghanaian population (2019)
4. Assessing the serum levels of interleukin 17 (IL17) to determine its prognostic potential in prostate cancer patients (2019)
5. Vitamin D binding protein (VDBP) as a specific and sensitive biomarker for early diagnosis of diabetic nephropathy (2019)