



# BN

## BANCY NGATIA

STATISTICIAN | RESEARCHER | PROJECT MANAGER

### OBJECTIVE

To apply and communicate statistical methods and analyses to explore and draw inferences from data for an objective evidence-based approach in solving real world problems

### SKILLS

Communication of statistical results  
Collaboration with diverse teams  
Formulation of research topics  
Organisation of statistical workflow  
R statistical software  
SAS statistical software  
Scientific writing  
Statistical modelling  
Statistical programming  
Training in statistical methods and analyses

### EXPERIENCE

#### PROJECTS & RESEARCH MANAGER • LIWA PROGRAMME TRUST, NAIROBI • NOV. 2018 – PRESENT

Coordinating projects to ensure deliverables are obtained while enhancing financial, administration and procurement services; Performing all aspects of the research process, including report and proposal writing, statistical analyses and research presentations; Developing, designing and implementing programs and projects in line with the organisation's goals and objectives; Organising events such as exhibitions and workshops

#### RESEARCH ASSISTANT • ICARDA, RABAT • NOV. 2017 – OCT. 2018

Built statistical models for use in identifying gaps in *ex situ* conservation; Created statistical analysis workflow for use with colleagues and collaborators; Developed library with functions for performing statistical analyses using R software; Formulated research topic for incoming master thesis intern; Contributed as an author to scientific research articles

#### RESEARCH INTERN • ICARDA, RABAT • JUN. 2017 – OCT. 2017

Managed and analysed data for use in predictive modelling of non-evaluated data; Developed functions and scripts for use in statistical analyses using R software; Assisted senior researchers and PhD students with their statistical analyses

#### MASTER THESIS INTERN • UNIVERSITEIT HASSELT, HASSELT • SEP. 2016 – FEB. 2017

Formulated research topic in collaboration with internal and external supervisors; Proposed statistical methodology for use in investigating research topic; Built statistical models and applied them to study data using R and SAS software; Presented results of statistical analyses to a jury of academic professors and peers



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**STATISTICIAN & RESEARCHER • IPFAR, NAIROBI • SEP. 2011 – PRESENT**

Conducting data analyses and supervising research; Recruiting clients and ensuring growth of the organisation; Offering training in application of statistical techniques and software

**EDUCATION**

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**M.SC., BIostatISTICS • FEB. 2017 • UNIVERSITEIT HASSELT, HASSELT**

Summary of courses: Bayesian Data Analysis, Clinical Trials, Discrete Data Analysis, Foundations of Linear Models, Genetic Epidemiology, Longitudinal Data Analysis, Medical Biology, Multivariate Data Analysis, Non-parametric Methods, Survival Data Analysis

**B.A. (HONS.), SOCIOLOGY & ECONOMICS • OCT. 2010 • CATHOLIC UNIVERSITY OF EASTERN AFRICA, NAIROBI**

Summary of courses: Economics for Social Development, Economics of Money and Banking, Environmental Sociology, Gender and Development, International Economics, Law and Society, Medical Sociology, Macro-economics, Micro-economics, Monetary Theory and Policy, Public Finance and Fiscal Policy, Social Change, Sociology of the Family



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## CONFERENCE PRESENTATIONS

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**AZURE HOTEL • NAIROBI • 5<sup>TH</sup> DEC. 2018**

**Conference:** Measuring the State of Industry-Academia-Government Linkages in Higher Education

**Presentation:** “Measuring Industry-Academia Linkages in Kenya”

**CEMASTECA • NAIROBI • 23<sup>RD</sup> MAY 2019**

**Conference:** National Conference on Linking Education to Industry

**Presentation:** “Linking Industry with Academia: Status of University and TVET Linkages with Industry”

## PROFESSIONAL ASSOCIATIONS

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**THE AMERICAN STATISTICAL ASSOCIATION • VIRGINIA • JUN. 2019 – PRESENT**

Member

**THE ROYAL STATISTICAL SOCIETY • LONDON • APR. 2019 – PRESENT**

Certified Graduate Statistician

**JOINT ORGANISATION OF STATISTICS SCHOLARS • HASSELT • SEP. 2013 – FEB. 2017**

Member



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## REFEREES

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Available upon request



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