

Curriculum Vitae
DZI KEVIN TANYI JONG
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PhD candidate with a strong interest in Bioethics, Humanities, Medical Ethics, Epidemiology, Public Health, Biostatistics, Scientific Writing, Project Management and Quality of life Research

ACADEMIC ACHIEVEMENTS

September 2022 – present: PhD Fellowship FBM, University of Lausanne, Faculty of Biology and Medicine, Institute of Humanities and Social sciences of Medicine.

2021: Master's in Biomedical Ethics KU Leuven, Belgium

2019: Advanced Masters in Statistical Data Analysis, Ghent University Belgium.

2014: Master of Sciences in Epidemiology and Control of Infectious Diseases, University of Buea, Cameroon.

2012: Bachelor's in microbiology with Minor in Medical Laboratory Technology, University of Buea, Cameroon.

WORK EXPERIENCE

March 2021 to February 2022: Project Officer PEP Africa International, Belgium.

- Research proposal writing.
- Field preparation and planning of the research activities, field supervision.
- Design projects and ensure that they are carried out effectively.
- Take part in monitoring and evaluation of projects.
- Plan symposiums on topics including entrepreneurship, ethics at work, and health.

August 2020 to January 2021: Global health Intern at United Nations University International Institute for Global Health, Kuala Lumpur, Malaysia.

- Participate in writing statistical analysis plans and give contributions or advice on issues related to data analysis and statistics.
- Provide assistance to other units of the center as needed.
- Contribute in writing articles and blogs on global health issues.
- Take part in research activities carried out by the institute by participating in designing studies and conduct scoping reviews and write scientific articles on different global health topics.

October 2019 to March 2020: Volunteer Data Analysis Tutor, Self Employed, Ghent

- Teaching students how to use the software R, SAS to perform basic data analysis.
- Teach students how to perform Statistical Analysis, modelling, hypothesis testing, survival analysis, experimental project design, multivariate and univariate analysis, regression and classification, ANOVA, categorical data analysis.
- Teach students how to use R and SAS to perform Data visualization.

October 2017 to September 2019: Some projects I worked in while studying the masters in statistical data analysis program include:

- Working in a project which involved analysing customer review data from the Amazon website using SAS software and giving a presentation on findings.

- Working in a project related to prostate cancer which involved using the SAS and R software to analyze data obtained during the project. Applied modelling, regression and other statistical techniques in our analysis.
- Worked on a project titled 'Quality of life in residential care centres in Flanders, Belgium (Factor Analysis and scale Determination)' for my master's thesis. In this project, I performed data manipulation and analysis on data related to residents' self-reported quality of life and wrote program code to conduct factor analysis, performed univariate and multivariate analysis, and wrote a statistical report about my findings.

December 2015-March 2016: Lots Quality Assurance Sampling Surveyor for the 2015/2016 Poliomyelitis campaign in Cameroon for the World Health Organization (WHO).

- Supervision of social mobilizers and immunisation workers.
- Collection and entry of data, and Creating reports.
- Performed active surveillance in communities by looking for cases of acute flaccid paralysis in children.
- Public education regarding the significance of polio vaccine.

February 2015-August 2016: Research Assistant, Redeem Biomedical Laboratory Buea Cameroon

- Worked to support the company mission and followed company guidelines in carrying out tasks.
- Designing studies with team members from different disciplines and calculation of sample size and also take part in data collection, entry, and analysis using statistical software.
- Apply different statistical techniques to analyze data such as logistic regression, build models and carrying out t-tests, etc.
- Writing of statistical reports.
- Delivering presentations during symposiums that were meant to present key findings of research carried out by the institution.

August 2010 — October 2010: Intern Laboratory technologist at Mount Mary Hospital, Buea

- Worked in the following departments in the laboratory; Parasitology, Haematology, Biochemistry, Serology, and Collection, gained hands-on experience on the culture of microorganisms and preparation and observation of samples such as thick and thin films.
- Reporting of results of tests conducted and gaining knowledge on standard laboratory practice.

ADDITIONAL SKILLS:

- Good knowledge in using Microsoft Office Word, Excel, PowerPoint
- Good knowledge of using the software packages SAS, R, and SPSS for analysis of Data.
- Basic knowledge of PowerBI, and SQL.
- Good communication and event planning skills.

VOLUNTEERING ACTIVITIES:

- **March 2018 to March 2020: Director in charge of Community and Public Health for the nongovernmental organization ACP DYSS (African Caribbean Pacific Diaspora Youth Support Services) Belgium.** Among my responsibilities were conceiving and drafting projects for the department, supervising the management and execution of department projects, informing the board of directors on the department's operations, and recruiting volunteers for the department.
- **Volunteer at two conferences held in Ghent, Belgium: The 2018 EuroNGOs Conference on Sexual and Reproductive Health and the 2016 International Students Conference.** Participated in the **preparation of**

events for the International students' conference and assisted with **participant registration** for the EuroNGOs conference.

- **March 2012: Peer educator** for UNICEF's HIV/AIDS/Birth Control campaign at the University of Buea.
- **April 2012:** Joined the US Peace Corps Volunteers as a **Peer educator** to raise awareness of the HIV/AIDS screening campaign carried out by Peace Corps Volunteers in 2012 during the Mount Cameroon Race of Hope among the Buea people.

Publications

- Fokam, E.B., Kindzeka, G.F., Ngimuh, L., **Dzi, K.T.**, &Wanji, S. (2017). Determination of the predictive factors of long-lasting insecticide-treated net ownership and utilization in the Bamenda Health District of Cameroon. *BMC public health*, 17(1), 26.
- Vandemeulebroucke, T., **Dzi, K.**, & Gastmans, C. (2021). Older adults' experiences with and perceptions of the use of socially assistive robots in aged care: A systematic review of quantitative evidence. *Archives of Gerontology and Geriatrics*, 95, 104399.

Presentations

- Delivered a presentation on **human dignity at a January 2019 workshop** in Zagreb, Croatia, that brought together young people from eight European nations to discuss how to better promote capacity building, solidarity, human dignity, tolerance, justice, and culture.
- Attended and **delivered a speech at the 5th edition of the international students' conference** that took place in Ghent University Belgium on the 9th of November 2018.
- Delivered a presentation on **the relationship between Peer pressure and Crime among University students** at a **symposium on Drug abuse** held at the University of Buea (2011)

Awards and Honours:

- **PhD fellowship recipient** from the Faculty of Biology and Medicine to pursue a PhD in Humanities and Social Sciences of Medicine at the University of Lausanne in Switzerland (2022).
- **Two times recipient of the presidential grant for Excellence** for outstanding university students at the masters and bachelors' level in Cameroon's University of Buea (2013 and 2014).
- **Award for good leadership qualities** offered by the Dean of the Faculty of Science University of Buea (2014).
- **Recipient of the Ghent university Grant of 3500Euros** to organize a sensitizing event in the university of Ghent which brought international students, local students as well as non-governmental organizations to interact with each other while promoting the Sustainable development goals (2018).
- The office of the international relations at **Ghent University (UGent) nominated me to represent UGent in the 2019 STAD Gent Contest for Student of the Year**. I was one of fifteen students selected out of more than 50,000 students from Ghent's higher education institutions to compete for the award, which is often given to students with exceptional leadership abilities. One student is awarded the prize (did not win the award)

LEADERSHIP ACTIVITIES:

- Secretary-General of the health club at the University of Buea. September 2013 – June 2014
- General Organizer Faculty of science student's association at the University of Buea. December 2012 – June 2013
- President University of Ghent International Students Association Belgium (ISAG). October 2018 – August 2019

LANGUAGE

- English – Native speaker
- French – B1
- Dutch- A2

References

1. Professor Chris Gastmans

Email: chris.gastmans@kuleuven.be,

Professor of Medical Ethics at Faculty of Medicine KU Leuven

2. Dr. Michael James Penkunas

Email: mike.penkunas@unu.edu,

Research fellow at United Nations International institute of Global health Kuala Lumpur, Malaysia