

# JANE PAULA NYANDELE

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## SUMMARY

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I am a tutor to medical students and a research assistant at Hubert Kairuki Memorial University. Proactive and detail-oriented, I am proficient at a range of professional abilities in Molecular Biology and notable skills in experiment design and project execution.

I have a Bachelor's degree in Molecular Biology and Biotechnology (GPA 4.4, First Class with Honors). Being a dedicated learner with strong work ethics, I executed a research project in my undergraduate studies that led to publications as leading author in the journal of Bioresource Technology.

I am a great team player. I collaborate effectively in executing daily duties at my department. Outside the lab, I am a supporting lead of the Tanzania chapter of Women in Tech Africa (WiTA), and a board member of RPHA (Responsible and perspective health ally)

Being passionate about public healthcare, I aspire to leverage technology and systems innovations to bring life-saving healthcare products and services to the hands of underserved communities.

## EDUCATION BACKGROUND

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**Nov 2012 – Nov 2015**

**University of Dar es Salaam**

BSc Molecular Biology and Biotechnology.

**Achievement:** GPA 4.4 with Honors

**Feb 2010 – Feb 2012**

**Makongo High School**

Advanced Secondary School Education

Majored in Biology, Chemistry and Physics

**Achievement-** Prizes for Biology and Discipline

**Sept 2005 – Sept 2009**

**Osborn High School**

Secondary School Education

## WORK EXPERIENCE

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April 2016 - Present: **Tutorial assistant** at **Hubert Kairuki Memorial University**. Responsibilities include providing assistance in research and consultancy activities in molecular biology and biochemistry, and delivering practical training and lecture presentations in molecular biology and biochemistry to medical students.

February - March 2016: **Research Assistant** at **Muhimbili University of Health and Allied Sciences**. Research activities on surveillance of newborn infants with sickle cell disease at the Muhimbili hematology program.

June - August 2014: **Undergraduate Practical Training** at the **Tanzania National Health Laboratory**. Clinical research on Influenza, HIV, Tuberculosis and Malaria by biochemistry, molecular biology, hematology and microbiology analyses.

## TRAINING AND RESEARCH

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- Training in **"Ethics and Scientific Integrity in Research"**, March 2017, Muhimbili University of Health and Allied Sciences
- A research study entitled **"Awareness, Knowledge and Attitude of Rural Pregnant Women**

results.

## SKILLS AND OTHER INFORMATION

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- Language Skills: Fluent in English and Kiswahili, both spoken and written.
- Proposal/Report writing and presentation
- MS-Office Literacy (Intermediate)

## NON-COLLEGIATE ACTIVITIES

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January 2018-Present: Board member of **Responsible and Perspective Health Ally (RPHA)**. An organization that mobilizes and empowers community health workers to educate poor communities on the most pressing health issues. The main responsibility is directing and overseeing the affairs of the organization.

June 2017-Present: Supporting chapter lead of **Women in Tech Africa (WiTA)** Tanzania. A women's group that positively supports women in science and technology, supports local communities and creates a pipeline for girls to choose careers in science and technology.

Nov 2017-Present: Local volunteer in the Community Health Initiative (CHI) of the **Rotary club of Dar es Salaam**, Oysterbay. Main activities include organizing biannual medical camps to bring basic quality health services to dwellers of rural and suburban villages who would otherwise not have easy access to them. The health services include screening for Malaria, HIV, Hypertension, Diabetes, ENT illnesses, eyesight, dental problems and chronic disease risk factors.

2014-2015: **General Secretary** for the **Microbiology and Biotechnology Student Association (MBSA)** at the University of Dar es Salaam. Responsibilities included representing students both within the university and externally in local and national issues and to aid the preparation of molecular biology and microbiology students for professional responsibilities.

## REFERENCE

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Prof. A. M. Mshandete

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Biotechnology,  
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