

EDUCATION IS A KEY FOR SUCCESS

CURRICULUM VITAE

TEBATSO GRATITUDE MASHAMBA

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CAREER STATEMENT

Diligent, motivated, dedicated, hardworking and goal-oriented individual who holds a Masters in Microbiology. I would like to pursue a career in research; in the laboratory, clinical, medical, health, science, and academia and customer service field. I am passionate about bringing change to society, eager to explore new ideas that can contribute to research, and new possible treatments/ prevention for curable and non curable medical conditions; I am passionate about acquiring new knowledge and skills in the medical environment, as I assume learning does not end nor is it linear. During my postgraduate studies, I got exposed to working in a microbiology laboratory; working with medicinal plants, antibiotics and bacterial pathogens that are mostly associated with diabetic foot ulcer. I have knowledge of good laboratory practice, exposure to pathology laboratory and customer care. I believe the skills, education and knowledge I possess in research would be beneficial for any company's growth.

PERSONAL PARTICULARS

| | | |
|--------------------|---|--------------------------------------|
| Surname | : | Mashamba |
| First Names | : | Tebatso Gratitude |
| Identity Number | : | 9312100869080 |
| Contact [Cell no.] | : | +27 81 734 7655/ +27 79 920 3958 |
| EE/AA | : | African Female |
| Home Language | : | Tshivenda |
| Other Languages | : | English, Tswana, Sepedi and Isixhosa |
| Drivers License | : | Code 10 |

PROFESSIONAL EXPOSURE

Microbiology, Biochemistry, Molecular Diagnostics, Research methodology and Biology

RESEARCH WORK

- ❖ Quorum Quenching Potential of Selected South African Medicinal Plants in Combating Bacterial Pathogens Associated with Diabetic Foot Ulcer (**MSc Degree**)
- ❖ AHL-Based QS Modulation and Inhibition of Biofilm Forming Foot Ulcer Pathogens by Selected Medicinal plants (<https://dx.doi.org/10.2139/ssrn.3901858>)
- ❖ South African Botanicals Used in Traditional Management of Diabetic Foot Ulcer, Biological Activities and Safety of Use (**Review**)

ACADEMIC QUALIFICATIONS

- | | |
|-------------|---|
| ❖ Completed | : Master of Science: Microbiology, University of Pretoria, 2020 |
| ❖ Completed | : Bachelor of Sciences (Honours) in Biology, Sefako Makgatho Health Sciences University, 2016 |
| ❖ Completed | : Bachelor of Sciences: Molecular & Life Sciences, Sefako Makgatho Health Sciences University, 2015 |
| ❖ Completed | : National Senior Certificate, Mopane Intermediate School, 2011 |

TRAININGS & WORKSHOP ATTENDED

- ❖ Computer Packages : PowerPoint Assessment, Sefako Makgatho Health Sciences University, 2016.
- ❖ Computer Packages : International Computer Driving License, Mopane Intermediate School, 2010.

WORK EXPERIENCE

Zimmer Biomet: Sales/ Customer Experience Intern in Medical Devices: December 2022-November 2023 (Reason for leaving: Contract ended)

- ❖ Processing of orders; direct, consignment and loan-sets using MyMediset and System Analysis Program (SAP).
- ❖ Ensure approvals for all specials authorizations are followed before processing.
- ❖ Create quotation as requested by customers, according to the Surgeons specification for the case booked.
- ❖ Process invoices for customers after a procedure as per the usages and purchase orders provided by the customers.
- ❖ Provide/Process credits, and debits for customers if goods/ service were not met according to the agreement.
- ❖ Handle any queries from internal and external customers within an acceptable timeframe.

Inception Biosciences Laboratory: Medical Technologist: November 2021-July 2022 (Reason for leaving: Company restructuring)

- ❖ Receive Covid-19 specimens and record the time received in the laboratory on a daily basis.
- ❖ Create and printout worksheets according to the specimens received to set work instructions per batches.
- ❖ Maintain and clean the Polymerase chain reaction (PCR) workstations daily, according the relevant operation and maintenance work instructions.
- ❖ Run DNA/RNA extractions of Covid-19 samples as per the standard operating procedures, in accordance with Good laboratory Practices and ISO 15189 standards.
- ❖ Process all scheduled work in an organized manner and analyze results within required turn-around-times, and capture daily stats/ compile report for the board.
- ❖ Perform administration tasks and equipment maintenance in order to ensure effective systems in the laboratory.
- ❖ Check the temperatures of fridges, freezers, and laboratory ambient temperature on a daily basis, and when during change of shifts.
- ❖ Maintain good client relations in order to promote the image of the company.

Pathcare Vermaak: Laboratory Technician: June 2021-November 2021 (Reason for leaving: Career advancement)

- ❖ Receive, prepare, extract and run Covid-19 specimens according to the standard operating procedure.
- ❖ Keep record of specimens collected and to ensure patient information is correct and kept confidential.
- ❖ Perform advanced maintenance and trouble-shooting on all instruments in the laboratory, and comply with quality control procedures.
- ❖ Analyze the results on PCR machines; according to validation data; and receive basic/ advanced training in all professional duties, including result interpretation.
- ❖ Report incidents that occur during preparation, capture the information in details on forms in accordance to the laboratory information management system.
- ❖ Ensure that all tests are resultted and reports sent to the practitioner within the acceptable turnaround time.

Lancet: Procedure Swab Aid: January 2021-June 2021 (Reason for leaving: Better opportunity)

- ❖ Ensures that patients/ clients from whom the nasopharyngeal and throat swabs to be taken, are correctly identified and educated about the procedure and their rights, in compliance with relevant standard operating procedures.
- ❖ Ensures that bio-hazardous waste is disposed of in the correct manner to comply with relevant safety protocols.
- ❖ Keeps records of specimens collected and ensures that all patient details and clinical information is accurately recorded.
- ❖ Ensures dispatching of specimens for processing in accordance with prescribed standard operating procedures and monitors progress and filing of reports including handling queries and report delivery, in line with prescribed turn around requirements.
- ❖ Implements sound housekeeping procedures and work effectively with others as a member of a team to ensure a safe working environment in accordance with relevant legislation and safety protocols.
- ❖ Ensure on-going maintenance of quality control standard, adherence to infection control measures and participation (as per delegated responsibilities) in the preparation process for internal and external quality control audits.
- ❖ Represents the organization by applying the principles of customer care in the medical pathology field and interacts professionally and ethically with the patient, Clients, doctors and other hospital staff.
- ❖ Receiving cash and electronic payments from patients and ensuring banking of monies in accordance with relevant standard operating procedures.
- ❖ Reports incidents, logs customer complaints and problem solution, reads documents and actions tasks on the laboratory information management, system in compliance with relevant organizational policy.
- ❖ Processes sample registration logging and queries according to set standard operating procedures.
- ❖ Co-ordination of the reception area and give out relevant information and direct clients to relevant departments while offering excellent customer service.
- ❖ Prepares and scans patient forms onto the laboratory scanning system (Oculus) and resolves the scanning incompletes according to set standard operating procedures.

National Research Foundation (SAASTA): Science Awareness Program- National Youth Service. Volunteer: March 2020- December 2020 (Reason for leaving: Looking for a challenge)

- ❖ Receive, draw and analyze financial report/s from the grant holders, and from then draft quarterly reports for the project coordinator.
- ❖ Assist the coordinator with arranging bookings for travelling of delegates, and setting meetings.
- ❖ Manage the variations controls, forecasts, progress on reports and assessment of claims.
- ❖ Assist project coordinator with generating cheque request, invoice request, printing and submission of documents.
- ❖ Make follow-ups on documents submitted within the division, for the manager's recommendation, approval and submit to relevant departments.
- ❖ Cross reference invoices and proof of expenditure with the proof of payments submitted for grant reconciliation.

University of Pretoria: Bio-labs-Practical Assistant: February 2018-November 2019 (Reason for leaving: Contract ended after graduation)

- ❖ Demonstrated to students on the how to be acquainted with laboratory equipments, taught them rules and regulation of working in a microbiology laboratory.
- ❖ Assisted microbiology students with laboratory experimental preparations, tutored and guided them with resulting.
- ❖ Carry out tests and practical activities for reconciliation of final marks/ examination.
- ❖ Assisted the students with report writing, and analyses of results from the day to day experiments.

Sefako Makgatho Health Sciences University: Biology Labs – Practical Assistant: February 2015-November 2016 (Reason for leaving: Contract ended after graduation)

- ❖ Assisted first and second year students with Biology practical.
- ❖ Tutored and guided students on how to be aquatinted with Biology laboratory equipments.
- ❖ Guided students on the use of microscope, identification of samples, analysis of results and report writing.
- ❖ Assisted course coordinators with invigilating and mark grading.

ACHIEVEMENTS (WORK & ACADEMIC)

- ❖ Volunteer at South African Agency for Science and Technology (SASTA (NRF)) 2020.
- ❖ Presented at the Indigenous Plant Use Forum (IPUF) Annual Conference 2019.
- ❖ National Research Foundation Scholarship holder from 2017-2019.
- ❖ Completed MSc and Honours Degree with 70%.

TECHNICAL SKILLS

Statistical Packages (ANOVA), Report Writing & Presentation, Plant extraction and Minitab, Operating lab equipment, working with patients, MS Office Suite and Data Analysis

PERSONAL QUALITIES, SKILLS AND KNOWLEDGE

- ❖ Analytical, logical and innovative thinking ability.
- ❖ Diligent, open-minded, flexible, quality and goal driven.
- ❖ Ability to present arguments and solutions.
- ❖ Good communicator (Verbal and Writing).
- ❖ Ability to handle & work under pressure
- ❖ Ability to work under pressure, within a team and independently.
- ❖ Self-starter, disciplined, confident and able to learn new skills quickly.
- ❖ Trustworthy and reliable with good human and interpersonal relations.
- ❖ Good customer/ client services skills.
- ❖ Knowledge of laboratory procedures and practices.
- ❖ Leadership skills and problem-solving capabilities.
- ❖ Takes initiative and ability to manage time efficiently.
- ❖ Honest, resilient and full of integrity
- ❖ ISO accredited laboratory exposure
- ❖ Operating medical laboratory equipments
- ❖ Customer care skills

REFERENCES

| NAME & SURNAME | COMPANY/ORGANISATION | CONTACTS |
|------------------------|--|---|
| Mr. Jacque Esterhuizen | Customer Experience Department Manager: Zimmer Biomet | +27 67 428 0031 jacque.esterhuizen@zimmerbiomet.com |
| Mr. Shaun Hlongwane | Laboratory Manager: Inception Biosciences | +27 79 043 7519 Shaun_hlongwane@ymail.com |
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