

Curriculum Vitae

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Qualifications

1. Degree of DOCTOR OF PHILOSOPHY in MANAGEMENT SCIENCES Leadership and Complexity (DUT, 2021) [PhD certificates.pdf](#)
2. Master's Degree in Environment and Development (UKZN, 2004) [Magister Artium.pdf](#)
3. Post Graduate Diploma in Higher Education (UKZN, 2019) [PGDHE Certificate.pdf](#)
4. Bachelor of Technology in Environmental Health (Natal Technikon, 1998) [BACHELOR'S DEGREE IN TECHNOLOGY ENVIRONMENTAL HEALTH.pdf](#)
5. National Diploma in Environmental Health (Mangosuthu Technikon, 1993) [National Diploma Environmental Health.pdf](#)

Career history

My career composed of two knowledge production modes:

As Environmental Health Practitioner – mode one of knowledge production, strictly adhering to discipline knowledge guided by the scope of practice of environmental health and as a University Teacher – mode two of knowledge production, which is multidisciplinary based on mode one.

As Environmental Health Practitioner:

1. Coordinated a community driven project

As an Environmental Health coordinator - school greening project of 71 schools in the Maluti and Mt Fletcher District. This project aims were to plant green plants, trees and vegetables gardens. The department of waters affairs was providing water and department of agriculture with seeds. Environmental Health was coordinating the project.

Duration: 1997-2000 Project Description:

2. Introduction of Environmental Health issues in traditional practices.

Duration: 1996- 2002

Project Description:

Environmental Health Education- formation of committees to look at traditional practices. We visited traditional practices -training traditional nurses on hygiene practices in camp sites.

3. District Health data collector -Task Team for the Provincial Health Information System

Duration: 1995-1996

Project Description:

Coordinated Maluti and Mt Fletcher District, Data Collection Team. I was appointed team leader. It was during the integration of former Transkei clinics to the interim district task team.

4. District Environmental Health Services coordinator (Maluti / Mt Fletcher District)

Duration: 1998-2002

Project Description:

1. Responsible for the Environmental Health Services in the area of jurisdiction.
2. Promotion of intergovernmental relations to enhance service delivery.

Researcher - University of Cape Town

Duration: January 2007- December 2007

Water Commission Project: Researcher for UCT Grey Water project in informal settlements without onsite waterborne sanitation in Western Cape.

Incorporated into the Disaster management department in UCT- working in the project settlements. Involved and participated in disaster management workshops (Western Cape).

Duties:

The research was focusing on the interface between social /environmental impacts and technology options at community level, and includes:

Conducting in-depth surveys in selected settlements in the Western Cape through the use of participatory action research.

Identification of social challenges and environmental impacts related to the grey water management practices and assessment of management options.

Development of best practices and guidelines for grey water management.

Assistant Director - Environmental Health Duration:

January 2008 to 2014

Professional work Experiences Municipal Health Services/ Environmental Health

Elundini Local Service Area (LSA) - Joe Qgabi District Municipality and Maluti Local Service Area LSA (2008) Alfred Nzo District Municipality (September 2011)

Duties:

Responsible for the Environmental Health Services.

- Identification, Evaluation and Control of environmental health challenges.
- To ensure the availability of an adequate quantity and quality of water in the community.
- To achieve food safety in respect of acceptable microbiological, chemical and histological standards/quality of foods/foodstuffs for human consumption by ensuring optimal hygiene control throughout the food supply chain from the point of origin, food processing and manufacturing up to the point of sales and consumption.

- To realize waste management and achieve hygiene monitoring to protect water resources human health and the natural environment against visual, biological and chemical degradation.
- To enhance acceptable health standards and conditions through the surveillance of the development and utilization of any premises.
- To ensure the protection of the community against diseases spread by vector components and agents.
- To ensure a healthy human environment through environmental pollution control.

Knowledge and Skills

Formal training at work and practical participation in different projects.

Teaching positions

Lecturer – Environmental Health MUT

Duration: 2002-2005 Key performance Areas:

Preparing teaching materials

Conducting lectures and practicals

Supervising students projects

Conducting research /specify research projects

Reviewing the curriculum and improving the programme

Acting Head of Department (HOD)

2004 -2006 All HOD duties

Teaching experience

- Lecturer ;2002 - 2004 in the Mangosuthu University of Technology (MUT) National Diploma in Environmental Health – teaching various modules in the department as allocated by the HOD.

- Acting Head of Department (HOD); 2004 - 2006 in the Mangosuthu University of Technology (MUT) HOD duties and lecturing. The main reason for appointment as Acting HOD, I was the only lecturer in the department registered with the professional board for environmental health (HPCSA) as Environmental Practitioner with the master's qualification. The professional board is very strict on registration in our profession.

This was the most difficult period in out department; for the first time we had evening classes and a total number of 120 new students. Our Professional Board (HPCSA) was prompted to conduct a special audit of out offering. We managed to survive that process. All our students were accepted to be registered as Environmental Health Practitioners (EHPs).

The HOD post was advertised. I was the only candidate who was interviewed, my current HOD was part of the panel coming from DUT representing the profession. The outcome was that I should continue to act and be supported by the Dean of the faculty until such time a decision is taken.

- Lecturer 2014 until now; teaching four modules and participating in all other duties of academic staff members.

Certificates

1. Certificate in Leadership

- i) Transformational Leadership
- ii) Team- Building
- iii) Inter-Personal
- iv) Self-leadership
- v) Strategic Dimension of Leadership
- vi) Workplace-Based Strategic Action Project

2. Teambuilding and leadership (Middle Managers): Outward bound training for leaders

3. Health System Research (Training): Action Research (Patient Compliance with Treatment in the Maluti Health District, Eastern Cape Province)

4. Supervisor's safety Training Course (SSTC) Occupational: (Safety issues at the work place)

5. Waste Management for Supervisors: Course- Technikon Natal

6. Environmental Impact Assessment (Training) - Environmental Protection when and

7. Integrated Environmental Management Approach to community water supply and Sanitation-Reconstruction and Development Program (Development Projects)

8. Basic and applied Epidemiology (Modifiable and communicable Diseases, Outbreak Investigation, TB Surveillance)

9. Primary Health Education

10. Using Geographical Information Systems for Analyzing & Mapping Health Care Issues- School of Public Health (University of the Western Cape)

11. Safety Towards Our People (STOP): The safe handling and storage of pesticides (Common pesticides)

12. Environmental Risk and Impact Assessment: Environmental Risk and Impact Assessment for development and strategic environmental assessment (SEA) - Rhodes University Business School

Conference presentations

Lecheko. M, 2003. Geographic Information System used to Map the Distribution of Tuberculosis at Durban Metro South- Umlazi. University of Free State (UFS) – conference proceedings, 2003.

Lecheko. M, 2004. Geographic Information System used to map Environmental Health conditions in Informal settlements in Umlazi. World Congress on Environmental Health, ICC 2004.

Lecheko, M and Buthelezi, S.A., 2004. The impact of indoor and outdoor environmental factors on drinking water quality in hostels and the subsequent health risks to hostel dwellers, www.safewater2004.com

Poster Presentations

Lecheko, M, Gama, L.I., Cele, T.Z., Dube, S.M., Mdlalose, SM., Nxasana, L.D. and Buthelezi, S.A., 2004. Water Supply and sustainable livelihood in the informal settlements neighboring Mangosuthu Technikon. 2nd International Implementation Conference on Safe Water for Improving Health. Gallagher Estate, Midrand, Johannesburg, SA; 4 to 7 November 2004. www.safewater2004.com.

References

1. Dr TT Poswa
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2. Mr Vose
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3. Mr M Kgware
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