Seipati Poopedi

Seipati’s research career has followed a largely academic route. She is currently completing her Master of Science degree in Environmental Science at the North-West University (NWU), Potchefstroom Campus.
She is also a candidate scientist employed by the South African National Biodiversity Institute (SANBI) and is stationed at the City of Johannesburg’s Water Management and Biodiversity Directorate.

Her areas of expertise are water quality analysis, microbiology,
molecular biology and environmental science. Undergraduate studies
(BSc Environmental & Biological Sciences, 2018) and subsequent
postgraduate studies (BSc Honours in Environmental Science with
Aquatic Ecosystem Health, 2019) allowed for the development of her
research skills including, water quality analysis, aseptic microbial
techniques, DNA extraction, PCR, metabarcoding,, testing of
physico-chemical parameters, data analysis, microscopy, activated
sludge analysis, water sampling and excellent scientific report writing.

Above her academic accolades, Seipati is also an exceptional leader
where she served as head girl of her high school (2015),
Vice-Chairperson of SRC (Council of Societies) at NWU (2017/2018), and
the North-West Provincial Empowerment Lead for Young Water
Professionals South Africa (2020).

Seipati is currently part of the reigning champions for Wetskills
Challenge South Africa (2023). Wetskills is an international programme