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