

STAFF PROFILE CONTENT BRIEF

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DESIGNATION

(SENIOR LECTURER)



Title & Name:

Dr Mack Moyo

Qualification & Institution:

PhD, University of
KwaZulu-Natal

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Campus:

ML Sultan

Area of Expertise:

Plant biology and
Biotechnology, Plant
physiology, Ornamental
Horticulture.

Short Bio: I joined the Department of Horticulture in July 2019. The thematic focus for my PhD was on micropropagation of medicinal plants using novel cytokinins. In my Postdoctoral research in the School of Life Sciences (University of KwaZulu-Natal), I continued on this thematic path exploring the influence of exogenous plant growth regulators on biosynthesis of endogenous cytokinin and auxin metabolites and their effect on ex vitro plant growth and development. In addition, I initiated research on abiotic plant stress physiology, studying drought, salinity and nutrient stress in indigenous vegetables and ornamental plants. In 2016 I joined the Department of Horticultural Sciences at the Cape Peninsula University of Technology as a Senior Lecturer (Fixed-Term) where I taught Botany and Plant tissue culture. In 2018 and 2019 I was engaged as a Life Sciences Lecturer (Fixed-term) in the Faculty of Education (University of Pretoria) and School of Education (Durban University of Technology), respectively. I have also worked as an agronomist.

Academic Interests: I teach Plant biology and Research methods. I have a National Research Foundation (NRF) C2 rating (Plant Sciences). My research focus is plant abiotic stress physiology and the role of plant growth hormones in regulating plant growth and development.

Research Links: <https://www.scopus.com/authid/detail.uri?authorid=24528683600>
<https://publons.com/researcher/2251752/mack-moyo/>
<https://www.researchgate.net/profile/Mack-Moyo>