

Abbreviated CV:

Miss Luki-Marie Scheepers



Luki-Marie Scheepers currently

I am a doctoral candidate at FABI (Forestry and Agricultural Biotechnology Institute), situated at the University of Pretoria in Gauteng province, South Africa. My thesis project involves the elucidation and development of pheromones from three plantation insect pests. These include the Pine Emperor moth (*Nudaurelia clarki*), Eucalyptus snout weevil (*Gonipterus* sp. n. 2) and Wattle bagworm (*Kotochalia junodi*).

My project falls under the Applied Chemical Ecology Research group, which aims to develop integrated pest management solutions for various pests in forestry and agriculture sectors in South Africa. My specific interest lies in the Chemical analysis and investigations of insect volatiles, and being part of a team that applies this fundamental knowledge optimally to keep trees healthy.

Education

- BSc Biochemistry, BSc Hons (Advanced Chemistry) and MSc, Chemistry, University of Pretoria, South Africa
- Currently PhD candidate

Research output and related activities

- 6 papers in ISI rated, peer reviewed journals, including African Entomology, Southern Forests: A journal of forest science, Journal of Chemical Ecology and Journal of Natural Products.
- 9 Conference papers and posters

Employment history and relevant appointments

- Chemistry First, second and third year level, Practical demonstrator and tutor 2017-present
- Biochemistry, second year level, Practical demonstrator 2019
- Chemical Analysis Facility attendant in FABI (2021-present), incl. GCMS and GC-EAD

Selected awards and recognition

- One of three finalists representing Africa in IUFRO Graduate student webinar, Feb 2022
- Second prize for poster presentation at SAAWK Afrikaans student symposium, 2017