

FACULTY OF NATURAL AND AGRICULTURAL SCIENCES
DEPARTMENT OF PLANT AND SOIL SCIENCES
LECTURER PLANT PATHOLOGY
PEROMNES LEVEL 008

In pursuit of the ideals of excellence and diversity, the University of Pretoria wishes to invite applications for the following vacancy. The University of Pretoria's commitment to quality makes us one of the top research Universities in the country and gives us a competitive advantage in international science and technology development.

RESPONSIBILITIES:

The incumbent will be responsible for:

- Undergraduate and Honours level teaching in plant pathology;
- Supervising of postgraduate students in plant pathology;
- Acquiring research funding;
- Conducting and leading research in plant pathology focussed on innovative plant health management
- Initiating community engagement projects, and engaging in professional development activities.

MINIMUM REQUIREMENTS:

- A BSc or BSc Agric degree in plant pathology or closely related field, and subsequent MSc and PhD degrees in plant pathology or a related agricultural field. Preference will be given to a plant pathologist with experience in epidemiology, disease development modelling or innovative technology solutions for disease control. These identified focus areas are based on a need to generate knowledge that builds upon and complements departmental and institutional strengths in plant pathology and addresses national strategic needs;
- One year teaching experience at undergraduate level;
- Evidence of postgraduate supervision;
- In-depth understanding of basic principles of plant pathology, and a strong focus on statistical analysis and experience in molecular or precision agriculture technologies to achieve food security, and improve food systems;
- A track record of research and publications in the relevant field in Web of Science accredited journals;
- A valid Driver's License.

REQUIRED COMPETENCIES (SKILLS, KNOWLEDGE AND BEHAVIOURAL ATTRIBUTES):

- Proficient in Microsoft Office (Word, Excel, PowerPoint);
- Documented proof of own research outputs in plant pathology;
- Proven academic capabilities in teaching and learning both face to face and in an online and hybrid model environment, research and research supervision;
- Able to seek out funding opportunities and successfully apply for local and international funding;
- Must be able to initiate and manage research partnerships with external stakeholders (e.g. Industry, Government, Industry, Science Councils);
- Appropriate language and communication skills, both written and verbal;
- Good knowledge of statistical analyses relevant to epidemiology and molecular or precision agriculture technologies, as well as general plant pathology research;
- Be able to collaborate with colleagues within and between departments and foster a constructive research dynamic in the discipline.

ADDED ADVANTAGES AND PREFERENCES:

- Post-doctoral experience;
- Experience in postgraduate supervision;
- Evidence of successful funding application;
- An NRF rating;
- Completed formal teaching training programmes;
- Be part of existing international networks and collaborations.

The annual remuneration package will be commensurate with the incumbent's level of appointment, as determined by UP policy guidelines. UP subscribes to the BESTMED and UMVUZO medical aid scheme and contributes 50% of the applicable monthly premium.

Applicants are requested to apply online at www.up.ac.za, and follow the link: Careers@UP.

In applying for this post, please attach:

- A comprehensive CV.
- Certified copies of qualifications.
- Names, e-mail addresses and telephone contact details of three referees who can attest to your academic and research profile, whom we have permission to contact.
- Self-evaluation of research career to date.
- University-level teaching portfolio.
- Outline of intended research programme and how this links to existing research in the Department and Faculty.

NOTE: Shortlisted applicants will be required to present a 20 minute undergraduate lecture on a topic that will be provided prior to the interviews.

CLOSING DATE: 09 June 2021

No application will be considered after the closing date, or if it does not comply with at least the minimum requirements.

ENQUIRIES:

Job related: Ms Rene Fryer, Tel: (012) 420 3770 or Prof. Nigel Barker (012) 420 2593 and application related: Ms K Seerane, Email: kabelo.seerane@up.ac.za

Should you not hear from the University of Pretoria by 31 August 2021 please accept that your application has been unsuccessful.

The University of Pretoria is committed to equality, employment equity and diversity.

In accordance with the Employment Equity Plan of the University and its Employment Equity goals and targets, preference may be given, but is not limited to candidates from underrepresented designated groups.

All candidates who comply with the requirements for appointment are invited to apply.

The University of Pretoria reserves the right to not fill the advertised positions.