FACULTY OF SCIENCE AND AGRICULTURE

SCHOOL OF MATHEMATICAL AND COMPUTER SCIENCES

DEPARTMENT OF MATHEMATICS AND APPLIED MATHEMATICS

POSITION: POSTDOCTORAL FELLOWSHIP

The Department of Mathematics and Applied Mathematics seeks to appoint Postdoctoral Research Fellow with expertise in the following fields: **MATHEMATICS AND APPLIED MATHEMATICS**

Value and Duration of the Award: The value of the fellowship is **R320 000.00** per financial year and the duration of the award is for one-year fixed contract subject to satisfactory performance and the availability of funds

RESPONSIBILITIES:

Minimum requirements:

- A PhD degree (NQF Level 10) in Applied Mathematics or a closely related field, completed within the last five (5) years.
- Strong research in Financial Mathematics, Financial Insurance, Stochastic Differential Equations and Quantitative Finance, and Model-free Finance.
- Evidence of research productivity including 3 peer-reviewed publications.
- Knowledge of and experience in various mathematical packages.
- Strong written and oral communication skills, and the ability to work independently and in interdisciplinary teams.

Duties and Responsibilities:

- Conducting scientific research in any of the areas: Financial Mathematics, Financial Insurance, Stochastic Differential Equations and Quantitative Finance, and Model-free Finance.
- Publish in DHET-accredited journals and peer-reviewed books.
- Mentoring and/or supervising postgraduate students – honours, masters, and doctoral students
- Comply with research ethics, governance, and data management requirements.
- Participate in seminars and activities that promote a strong research culture.
- Present findings at academic forums and conferences.

Expected outputs:

During the fellowship, the successful candidate will be expected to produce:

- At least 2 accredited journal publications in one year of fellowship.
- A conference presentation at national and international conference.
- At least one competitive external research grant application.
- Contributions to postgraduate student supervision and capacity development.
- Collaborative publications with the host supervisor and research team.
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CLOSING DATE: 11TH DECEMBER 2026

Please submit cover clearly indicating which post you are applying for, a detailed CV with all your names, addresses, contact details and e-mail address and include contact numbers of three (3) referees, certified copies of all qualifications including Matric / Grade 12 Certificate, academic transcripts and a South African ID/ Passport **(Not older that six months)** should be forwarded to Human Resources Officer, e-mail applications to recruitment15@ul.ac.za

Telephonic enquiries regarding conditions of service: **Ms NA Mbatsane** (**Tel 015 268 2800)**

It is the applicant's responsibility to have foreign obtained qualifications evaluated by the South African qualifications Authority. Please note that failure to submit the requested documents / information will result in your application not being considered.

The University of Limpopo is an Equal Opportunity Employer. All appointments will be made in accordance with University's Employment Equity Police. Preference for the position of **Postdoctoral Research Fellow** will be given to Male (Africans & Indians) and Female (Africans).

Correspondence will be limited to short-listed candidates only. Applicants who have not been contacted within 30 days of the closing date must consider their applications as unsuccessful.

The University reserves the right not to make appointment.