

DAAD In-Region PhD Scholarships Available for 2020 Academic year at the University of Pretoria

1. Introduction

The University of Pretoria (UP), in collaboration with its Partner Institutions, invites applications for scholarships funded by the DAAD German Academic Exchange Service from qualifying candidates from the respective partner countries and institutions. The six partner institutions and countries are listed below:

- University of Buea (Cameroon)
- National University of Lesotho (Lesotho)
- Copperbelt University (Zambia)
- University of Zambia (Zambia)
- University of Zimbabwe (Zimbabwe)
- National University of Science & Technology (Zimbabwe)

The main aim of the project is to strengthen the postgraduate programmes of the participating universities in the fields of agricultural and environmental studies. Hence, staff members of the partner institutions or potential staff members (who would become eligible to be employed by the respective universities after completing their studies) are eligible to apply for scholarships.

It should be clarified that the application process for the DAAD scholarships being offered and the application for UP admission are independent of each other and have different time-frames.

The participating universities (except UP) will select eligible candidates who will eventually be recommended for the DAAD scholarships. The recommended candidates will also apply for admission to UP. The DAAD scholarships will cover tuition fees, travel costs (a return flight upon commencement and completion of the scholarship), accommodation, medical aid and subsistence.

NOTE: It is the candidates' responsibility to ensure that they familiarise themselves with the pertinent procedures, eligibility requirements and deadlines.

2. List of doctoral degree programmes offered by UP

To be eligible candidates must have obtained relevant Master's degree not more than six (6) years ago at the time of applying. Female applicants and applicants from less privileged regions or groups as well as candidates with disabilities are especially encouraged to apply.

PhD degree programmes offered by UP are in the fields tabulated below:

PhD(Agricultural Economics)	PhD(Animal Production Management)	PhD(Animal Science)	PhD(Engineering and Environmental Geology Hydrogeology)	PhD(Engineering and Environmental Geology)
PhD(Engineering Geology)	PhD(Environmental and Society)	PhD(Environmental Economics)	PhD Environmental Management	PhD Extension

PhD(Food Science)	PhD(Forest Science)	PhD (Horticultural Science)	PhD(Pasture Science)	PhD(Plant Pathology)
PhD(Plant Science)	PhD(Rural Development)	PhD (Soil Science)	PhD(Water Resource Management)	PhD(Wildlife Management)

Any other PhD degree programmes focused on agricultural or environmental topics

3. Application Procedure

The application procedure will have three (3) stages.

- The first stage is the selection of eligible candidates by the participating universities (except UP).
- The second stage is the application for UP admission, which the selected candidates have to do themselves on the UP online application system.
- The third stage is for candidates recommended by UP to apply for DAAD scholarship through the DAAD online portal.

Interested candidates have to submit their applications through the relevant participating university in the candidate's country of origin. The participating universities for different countries and contact details are given in the table below.

Partner Institutions Contacts

	UNIVERSITY	CONTACT PERSON	EMAIL ADDRESS
1	National University of Lesotho	Dr Manthoto Lephoto	hmlephoto@yahoo.com pvc@nul.ls

2	University of Zimbabwe	Prof. K. Nyikahadzoi	Knyikahadzoi@gmail.com
3	National University of Science & Technology (NUST), Zimbabwe	Prof. Yogi Naik	yoginaikatnust@gmail.com rio.director@nust.ac.zw
4	University of Zambia	Prof Sichingabula	sichingabula@unza.zm sichingabula@yahoo.com dvc@unza.zm vc@unza.zm
		Patricia Sakala, Manager, International Link, VC's Office	patricia.sakala@unza.zm
		Prof Elana Mwase	emwase@gmail.com
5	Copperbelt University, Zambia	Prof Jameson Mbale	jameson.mbale@cbu.ac.zm
		Dr Shadreck Chama	schama@cbu.ac.zm
		Professor Naison Ngoma (VC)	n_ngoma@yahoo.com

6	University of Buea, Cameroon	Prof Eric Achidi	achidi_e@yahoo.com

3.1 Selection of eligible candidates by partner institutions (excluding UP)

- a) UP to distribute the call for applications to partner institutions.
- b) Partner institutions to advertise the scholarships in their countries through various channels including their websites, posters, notice boards and any other medium of communication.
- c) Eligible candidates should be employees of the partner institution or should be employable by partner institution upon completion of their studies.
- d) Each partner institution is to set up a selection committee comprising of at least five (5) members.
- e) Applicants are to apply to the partner institutions in their respective countries.
- f) Only applicants with qualification verification certificates obtained from the South African Qualification Authority (SAQA) will be considered. Applicants without SAQA certificates but with proof that they have applied for SAQA certificates will be considered but will be given less priority than those with SAQA certificates already. Applicants can submit their qualifications to SAQA for evaluation as early as possible. The link for SAQA is: <http://www.saqa.org.za/>
- g) Applicants are encouraged to secure supervisors as early as possible.
- h) Alternatively, candidates can choose projects and supervisors from the list provided in section 6 of this call. Candidates are strongly encouraged to liaise with their identified potential supervisors immediately after identifying suitable projects for their studies.
- i) Applicants are to submit brief (2 to 3 pages) but detailed and precise PhD proposals (concept notes), including detailed breakdown of the work for the 1st, 2nd and 3rd years of study to their respective national institutions.

- j) Each partner institution is to select up to eight (8) candidates whose names and application documents (PhD proposals, CVs, qualifications, motivation letters, ID/passport, etc.) are to be submitted to UP by 23 May 2019.
- k) Each partner institution to advise applicants to apply for SAQA certificates which are required for UP admission. (<http://www.saqa.org.za/>)
- l) Minutes from partner institution's selection committee are to be submitted to UP together with the applications by 23 May 2019.
- m) Upon receiving applications of candidates from partner institutions, UP liaises with the relevant Faculties in order to confirm availability of supervisors.
- n) UP will submit names of candidates with confirmed supervisors and projects to DAAD by 4 June 2019

3.2 Application for PhD admission to UP by selected candidates

- a) From the applications submitted to UP by partner institutions, UP supervisors select candidates that they want to supervise.
- b) By 27 May 2019, UP informs the candidates selected by supervisors to apply for UP admission through the UP online application system (if they have not done so already).
- c) The candidates selected by supervisors are required to submit their UP application reference numbers to Onalerona (onalerona.matlawe@up.ac.za) by 31 May 2019. The UP application reference numbers are obtained from the UP online application system.
- d) Upon receiving the application reference numbers, UP Graduate Support will send confirmation letters to the candidates by 7 June 2019 [N.B. The letter will be needed for the DAAD scholarship application explained in section 3.3 below]
- e) To be eligible for PhD studies at UP, candidates should have obtained relevant Masters Degrees in not more than six years ago at the time of applying.
- f) Candidates are required to submit SAQA certificates for the degrees they obtained outside of South Africa.
- g) A Master's degree with an **NQF level 9** (as stated on the SAQA certificate) is a requirement for PhD admission at UP.

- h) Additional requirements and conditions may be prescribed by the Dean on the recommendation of the supervisor, head of department and/or Postgraduate Studies Committee.
- i) Candidates should indicate on the UP online application system whether they require UP accommodation or not
- j) UP will send admission letters to successful candidates.

3.3 Application for DAAD scholarships by the recommended candidates

- a) Upon receiving names of recommended candidates from UP, DAAD sends a link for DAAD application portal to UP.
- b) By 7 June 2019, UP sends the link to the recommended candidates to enable them to submit their applications for scholarships to DAAD.
- c) Recommended candidates are to submit their complete scholarship application documents to DAAD by 19 June 2019. The DAAD portal will be open from 7 to 19 June 2019, after which it will be closed and no applications for scholarships can be submitted.
- d) A pdf copy of the successfully submitted DAAD application should be sent to Onalerona (onalerona.matlawe@up.ac.za) by 19 June 2019.

Documents to be submitted to DAAD through the DAAD online portal are:

- DAAD application form duly filled (available in the DAAD-Portal)
- Hand signed curriculum vitae (please use the European specimen form at <http://europass.cedefop.europa.eu>), including a list of publication (if applicable)
- Two (2) recommendation letters by University teachers
- Letter from UP Graduate Support
- Certified copies of university degree certificates including transcripts
- Letter of motivation indicating why you think you are a suitable candidate for the scholarship.

- Detailed and precise PhD proposal, including detailed activity plan and time table
 - One page abstract of the proposal (please include your name and title of proposal)
 - If candidate is also applying for “additional benefits” (see explanation below), details of research work to be done in Germany (2 to 6 months) should be submitted.
- e) Applicants should have successfully completed a two (2) year university master’s degree.
- f) Have completed their last university degree not more than 6 years ago at the time of application.
- g) Applicants must be nationals of Cameroon, Lesotho, Zambia or Zimbabwe.
- h) DAAD will select and award scholarships to the best candidates out of the candidates submitted by UP.

Additional Benefits

DAAD In-Country /In-Region scholarship holders are also encouraged to apply for a **research grant in Germany** for two (2) up to six (6) months, if the necessary financial means are available. Please note: **The short-term research stay in Germany should preferably be announced in the application for the regular scholarship.**

The short-term research scholarship includes:

- A monthly scholarship payment for living costs which amounts to 1,000 € per month
- Health/accident/personal liability insurance
- A flat-rate travel allowance
- All further details regarding additional benefits and the additional application processes will be provided after admission to the scholarship programme.

4. Application Timelines

- a) Partner institutions to advertise the DAAD scholarship opportunities **by 3 May 2019**
- b) All applications for DAAD scholarships must be received by the six (6) partner universities listed in section 1 **by 16 May 2019**
- c) Selection Committees at the six partner universities will complete their shortlisting process and submit recommended candidates (up to twelve (12) candidates per university) to UP **by 23 May 2019**
- d) UP will complete the shortlisting process and inform recommended candidates directly and through their national universities **by 27 May 2019**
- e) The recommended candidates should apply online to UP for admission by **31 May 2019**
- f) Recommended candidates should submit their reference numbers for UP application to UP Graduate Support by 31 May 2019.
- g) UP submits recommended candidates to DAAD by 4 June 2019.
- h) DAAD will send the scholarship application portal link to UP **by 7 June 2019**
- i) UP will send the DAAD Scholarship application portal link to the recommended candidates **by 7 June 2019**
- j) The recommended candidates should apply for DAAD scholarships through the DAAD application portal link **by 19 June 2019**
- k) Meetings of academics to review applications submitted to DAAD will be finalised by Mid-September 2019
- l) DAAD will award scholarships to successful candidates and inform UP and the candidates.
- m) UP will facilitate visa application process and arrangements for the scholarship awardees to travel to South Africa to start their studies

5. The DAAD Doctoral scholarship

The PhD Scholarships are available for a period of three (3) years beginning in 2020. The scholarships will be initially granted for one year and will be extended subject to satisfactory progress reports submitted to the DAAD secretariat by the scholarship holder

6. Research Projects and Supervisors Available at the University of Pretoria

The table below gives names of supervisors and their contact details. Brief overviews of the research projects can be accessed by clicking on the name of the supervisor

Supervisor	Contact details	Project title
FACULTY NATURAL AND AGRICULTURAL SCIENCES		
Prof. Catherine Sole	clsol@zoology.up.ac.za	Effective methods for identifying isolated populations of Savannah tsetse flies: host-orientation behaviour, chemical ecology and population genetics
Prof. Chris Weldon	cwweldon@zoology.up.ac.za	Simultaneous application of SIT and MAT for management of <i>Bactrocera dorsalis</i> : Environmental and physiological considerations
Prof. Christian Pirk	wwpirk@zoology.up.ac.za	The effects of toxins and pesticides on the signal composition and biosynthetic pathways of the honeybee mandibular gland
Dr Almuth Hammerbacher	almuth.hammerbacher@fabi.up.ac.za	How does the chemical composition of Eucalyptus affect <i>Anaphes nitens</i> , an egg parasitoid of the Eucalyptus snout beetle, <i>Gonypterus scutellatus</i> ?
Prof Mapitsi S. Thantsha	mapitsi.thantsha@up.ac.za	Recombinant L. Casei expressing internalins stability as influenced by food matrices
Dr Eyob Tesfamariam	eyob.tesfamariam@up.ac.za	Biosolids use in agricultural lands in a circular economy risks from emerging contaminant transfer food and water
Prof Chris Chimimba and Prof Armanda Bastos	ctchimimba@zoology.up.ac.za ; adbastos@zoology.up.ac.za	Invasion risk assessment of the genus <i>Rattus</i> in Africa: Implications for food security, disease transmission and conservation

Prof Abubeker Hassen	Abubeker.Hassen@up.ac.za	Evaluation of encapsulated tannin from different plant species for their effect on rumen fermentation, in situ digestibility of nitrogen and starch, enteric methane emission and animal performance
		Mapping current and future suitability of some tropical and temperate grass species commonly used for pasture based dairy production in South Africa
Prof. Kerstin Krüger	kkruger@zoology.up.ac.za	Distribution and alternative hosts in different geographical regions and cultural control of the tomato leafminer <i>Tuta absoluta</i>
		Stressed plants lead to stressed aphids: implications for aphids in wheat
		Environmental and host plant determinants of fall armyworm, <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae), outbreaks
Faculty of Engineering, Built Environment and Information Technology		
Dr. Tinus Stander	tinus.stander@up.ac.za	New techniques and technologies for environmental remote sensing
Prof. Josua P Meyer and Dr Marlize Evertz	josua.meyer@up.ac.za and Marlize.Evertz@up.ac.za	Environmentally friendly heat exchangers for renewable energy power plants that would ensure agricultural sustainability in Southern Africa
Prof. Evans Chirwa	evans.chirwa@up.ac.za	Onsite sanitation - biological approaches for odour control in pit latrines
		Solar-radiation based photocatalysis and advanced oxidation processes
		Substitution of chemical and physico-chemical processes with natural materials in water treatment processes - ecological and value chain analysis
Dr. Marco van Dijk	marco.vandijk@up.ac.za	Hydropower Atlas
Dr. HG Brink	deon.brink@up.ac.za	The bioremediation and biorecovery of aqueous lead from solution

		The bioremediation and biorecovery of aqueous selenium from solution
Prof. Wynand JvdM Steyn	wynand.steyn@up.ac.za	Effects of transportation conditions on agricultural produce damage
Prof Walter Focke	walter.focke@up.ac.za	Utilising synthetic biodegradable polymers such as poly(lactic acid) as the base materials
Prof. Reza Malekian	reza.malekian@up.ac.za	Software Defined Networking for Vehicle monitoring and Sustainable Urban Development and Smart Cities

*For an overview of all available projects and supervisors [click](#).

N.B.

- Candidates awarded DAAD scholarships should send a copy of their award letter to Onalerona (onalerona.matlawe@up.ac.za) immediately.
- Visa, medical aid and travel arrangements will be communicated to you by UP.

For more information, please contact:

Onalerona Matlawe, International Postgraduate Consultant, Graduate Support: onalerona.matlawe@up.ac.za

Dr Aceme Nyika, Head, Graduate Support: Aceme.Nyika@up.ac.za