

WITS UNIVERSITY, JOHANNESBURG
FACULTY OF ENGINEERING & THE BUILT ENVIRONMENT

**PROFESSOR OR ASSOCIATE PROFESSOR OR SENIOR LECTURER IN ARCHITECTURE –
(PERMANENT)
SCHOOL OF ARCHITECTURE AND PLANNING**

DESCRIPTION:

The School of Architecture and Planning invites applications for appointment at the levels of Professor or Associate Professor or Senior Lecturer in Architecture. Degrees in the School are internationally recognised and a range of undergraduate and postgraduate degree programmes are offered. The School has a strong team of dedicated staff and excellent facilities.

QUALIFICATIONS AND REQUIREMENTS:

At **Professor level**, an earned Doctoral degree in Architecture or related discipline of research within or outside the built environment field is essential. The successful candidate will develop and teach courses on the inter-scalar interfaces between ecological systems, resource management, and innovative solutions in building design, and at the city-scale technical performance in response to climate change and sustainable environmental design. The successful candidate should be able to develop and teach courses aimed at architects, urban designers, and specialized disciplines within the broader built environment field at the undergraduate and postgraduate levels. Have at least (5) five-years teaching experience, and a record of peer-reviewed research, peer-reviewed paper presentations, mentoring/supervision of PhD students and early career academics, and demonstrate publications resulting from the supervisions. Have a record of securing grants to facilitate research and/or inter-institutional exchange. South African citizens and permanent residents currently employed in academia must be in possession of a National Research Foundation (NRF) rating (<https://www.nrf.ac.za/rating/>). Applicants from industry and International applicants must have a research profile that meets the requirements for an NRF rating. Registration with a relevant professional body preferably the South African Council of Architectural Profession (SACAP), or eligibility is recommended.

OR

At **Associate Professor Level**, an earned Doctoral degree in Architecture or related discipline of research within or outside the built environment field is essential. The successful candidate will develop and teach courses on the inter-scalar interfaces between ecological systems, resource management, and innovative solutions in building design, and at the city-scale technical performance in response to climate change and sustainable environmental design. The successful candidate should be able to develop and teach courses aimed at architects, urban designers, and specialized disciplines within the broader built environment field at the undergraduate and postgraduate levels. Have at least (5) five-years teaching experience, and a record of peer-reviewed research, peer-reviewed paper presentations, mentoring/supervision of PhD students and early career academics, and demonstrate publications resulting from the supervisions. Have a record of securing grants to facilitate research and/or inter-institutional exchange. South African citizens and permanent residents currently employed in academia must be in possession of a National Research Foundation (NRF) rating (<https://www.nrf.ac.za/rating/>). Applicants from industry and International applicants must have a research profile that meets the requirements for an NRF rating. Registration with a relevant professional body preferably the South African Council of Architectural Profession (SACAP), or eligibility is recommended.

OR

At **Senior Lecturer Level**, an earned Doctoral degree in Architecture or related discipline of research within or outside the built environment field is essential. The successful candidate will develop and teach courses on the inter-scalar interfaces between ecological systems, resource management, and innovative solutions in building design. The successful candidate should be able to develop and teach courses aimed at architects, urban designers, and specialized disciplines within the broader built environment field at the undergraduate and postgraduate levels. S/he would be research active with a proven record of publications and supervision of undergraduate and postgraduate students. A record of substantial research funding would be advantageous. A National Research Foundation (NRF) rating (<https://www.nrf.ac.za/rating/>) or a research profile that meets the requirements is recommended. Registration with a relevant professional body preferably the South African Council of Architectural Profession (SACAP), or eligibility is recommended.

DUTIES:

- To teach courses aimed at architects, urban designers, and specialized disciplines within the broader built environment field.
- To develop and teach courses on the inter-scalar interfaces between ecological systems, resource management, and innovative solutions for buildings, and at the city-scale with technical performance that respond to environment control and climate change.
- To actively participate in research and supervision of undergraduate, postgraduate students, PhDs, and including early career academics.
- To organize workshops on human interactions with the environment and different aspects of sustainability.

- To have a record of securing grants to facilitate research and/or inter-institutional exchange.
- To develop courses for undergraduate and post-graduate students on sustainable building design.
- To be skilled in the assessment of sustainability and environmental modelling systems beneficial to students or architecture, planning, and urban design.
- To run evidence-based, building-scale simulation (such as, but not limited to, daylighting analysis and energy modelling), or urban-scale modelling, to evaluate sustainable design decision-making and produce appropriate design and technical strategies.
- To engage with students' designs- at a conceptual level and assist them in developing detailed, evidence-driven climate responsive building design decisions.
- To explore innovative approaches to the complexities of development impacts on climate change.
- To lecture on adaptation strategies by designers on how buildings, cities, companies, governments, individuals, and households can increase their resilience to climate change.
- To research, innovate, and apply emerging technical systems to study energy use in material and building production.

Enquiries: Professor Nnamdi Elleh; Head of School of Architecture and Planning: E-mail: Nnamdi.Elleh@wits.ac.za or telephone: +27 (0) 717 7720

To Apply: Please submit a covering letter of motivation, a detailed CV with names and current e-mail addresses and contact numbers of (3) three referees, certified copies of qualifications, academic transcripts and South African ID and/or (copy of Passport if not a South African Citizen). Please state your research metrics in your covering letter. External applicants are invited to apply by registering on the Wits i-Recruitment platform located at <https://irec.wits.ac.za> Internal employees may apply directly on Oracle Self-Service on the Wits Intranet by selecting "**Apply for a job**".

- Closing date: **20 October 2023**

Please note that given the thrust of the University's strategic plan on transformation, preference may be given to appointable applicants from the under-represented designated groups in terms of the relevant employment equity plans and policies of the University.

The University reserves the right to verify all information provided by candidates and to verify credit rating. Please note that correspondence will only be entered into with the shortlisted candidates. The University reserves the right not to make an appointment or re-advertise.