

**The University of KwaZulu–Natal (UKZN) is committed to Employment Equity with the intention to promote representivity within the Institution.**

**COLLEGE OF AGRCULTURE, ENGINEERING AND SCIENCE**

**ADDITIVE TECHNICIAN INTERNSHIP  
ONE YEAR FIXED-TERM APPOINTMENT  
POLLUTION RESEARCH GROUP, CHEMICAL ENGINEERING  
SCHOOL OF ENGINEERING  
HOWARD COLLEGE CAMPUS**

**REF NO.: PRG5/2019**

The Pollution Research Group (PRG) in the School of Engineering is an externally-funded team of professional researchers working on multidisciplinary research projects in the urban and industrial water and sanitation sector.

The Group is looking for an additive/rapid prototyping intern to work on the Bill & Melinda Gates Foundation Generation 2 Reinvent the Toilet (G2RT) project. The incumbent will be trained on how to use a large scale 3D printer and CNC laser. They will be building toilets from scratch that will be field tested and modified according to the feedback given by communities.

The successful candidate will work closely with engineering teams across the world (Atlanta, USA, Zürich, Switzerland, and Cranfield, UK) in order to create the newest solution that will aid in increasing access to those without adequate access to sanitation globally.

**Minimum Requirements:**

- Completed at least three years of study in engineering by end 2019
- A registered student at a tertiary institution
- Experience with SolidWorks or equivalent package and prototyping (can be at design project level)
- First language isiZulu with good command of English language
- Be able to start mid-November

Short-listed candidates may be required to undergo a skills test.

**The remuneration package includes benefits: 2/3s medical scheme, provident fund subsidy and 13<sup>th</sup> cheque.**

**The closing date for receipt of applications is Thursday 31<sup>st</sup> October 2019.**

**Applicants are required to complete the relevant application form which is available on the vacancies page of the University website at [www.ukzn.ac.za](http://www.ukzn.ac.za).**

**Please send completed forms ONLY (no CVs and no covering letter necessary) to Jade Marcus and Prof. Chris Buckley: [PRG.OpenPosition@gmail.com](mailto:PRG.OpenPosition@gmail.com)**