



Prof Kearsley is sedert 2007 Hoof van die Departement Siviele Ingenieurswese in die Fakulteit Ingenieurswese, die Bou-omgewing en Inligtingtegnologie. In 1984 behaal sy die graad BEng (Siviel) aan die Universiteit van Pretoria en in 1999 promoveer sy aan die Universiteit van Leeds met die graad PhD.

In 2008 het THRIP (Tegnologie en Menslike Hulpbronne vir die Nywerheid Program) haar vereer met die Tegnologietoekenning vir Navorsingsamewerking. Van haar mees onlangse belangrike publikasies is twee referate waarvan sy mede-outeur was (met E Denneman, R Wu en A T Visser), "Discrete fracture in high performance fibre reinforced concrete materials", in *Fracture Mechanics*, 78:2235-2245 (2011), en (met Denneman en Visser) "Splitting tensile test for fibre reinforced concrete", in *Materials and Structures*, 44 (2011).

Prof Kearsley is as Professionele Ingenieur geregistreer by die Suid-Afrikaanse Raad vir Ingenieurswese (ECSA) en is deur die Minister van Openbare Werke as lid van die ECSA-raad aangestel, waar sy tans 'n tweede termyn voltooi (van 2009 tot 2012). Sy is 'n genoot van die Suid-Afrikaanse Akademie vir Ingenieurswese (SAAE), sowel as van die Suid-Afrikaanse Instituut van Siviele Ingenieurswese (SAICE) en sy het in 2009 as President van laasgenoemde gedien. Sy is 'n senior lid van die Réunion internationale des laboratoires et experts des matériaux, systèmes de construction et ouvrages (RILEM) (International Union of Laboratories and Experts in Construction Materials, Systems and Structures), lid van die Betonvereniging van Suid-Afrika en van die Suid-Afrikaanse Steenkoolasgenootskap (SACAA). Prof Kearsley het 'n C2-gradering van die NNS.

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Prof Kearsley has been Head of the Department of Civil Engineering in the Faculty of Engineering, Built Environment and Information Technology since 2007. She completed her BEng (Civil) at UP in 1984 and obtained the PhD from the University of Leeds in 1999.

She received the Technology and Human Resources for Industry Programme (THRIP) Technology Awards for Research Collaboration in 2008. Amongst her most recent important publications are co-authored articles 'Discrete fracture in high performance fibre reinforced concrete materials' published in *Fracture Mechanics* Vol 78 (2235-2245, 2011) and (with Denneman and Visser) 'Splitting tensile test for fibre reinforced concrete' published in *Materials and Structures*, Vol 44, 2011.

Prof Kearsley is registered as a Professional Engineer with the Engineering Council of South Africa (ECSA) and she was appointed by the Minister of Public Works as an ECSA Council Member where is she serving in her second term from 2009 to 2012. She is a Fellow of the South African Academy of Engineering (SAAE), a Fellow of the South African Institute of Civil Engineering (SAICE) and was elected SAICE President for 2009. She is a senior member of the International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM), a member of the South African Concrete Society and of the Coal Ash Association of South Africa. Prof Kearsley has a C2-rating from the NRF.

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Prof Kearsley o bile Hlogo ya Kgoro ya Boentsenere bja Kago ka Lefapheg la Boentsenere, Kago ya Tikologo le Theknolotši ya Tshedimošo go tloga ka 2007. O feditše dithuto tša gagwe tša BEng (ya Kago) go la UP ka 1984 gomme a hwetsša lengwalo la gagwe la PhD go tšwa University of Leeds ka 1999.

O amogetše Difoka tša Theknolotši le Tlhokomelo ya Bašomi tša Lenaneo la Intasteri (THRIP) tša Theknolotši ya Tšhomomogogo ka Dinyakišišong ka 2008. Gare ga diphatlalatšo tša bjalebjale tše bohlokwahlokwa ke diathikele tšeo a di ngwadilego mmogo le ba bangwe, e lego "*Discrete fracture in high performance fibre reinforced concrete materials*" yeo e phatlaladitšwego ka go *Fracture Mechanics* Vol 78 (2235-2245, 2011) le "*Splitting tensile test for fibre reinforced concrete*" yeo e phatlaladitšwego ka go *Materials and Structures*, Vol 44, 2011.

Prof Kearsley ke moentsenere wa profesešonale yoo a ingwadišitšego le Khansele ya Boentsenere ya Afrika-Borwa (ECSA) ebile o ile a thwalwa ke Tona ya Mešomo ya Setšhaba bjalo ka leloko la Khansele ya ECSA moo a lego pakeng ya bobedi ya mošomo wa gagwe go tloga ka 2009 go yo fihla ka 2013. Ke Mogweramoleloke wa Akhatemi ya Boentsenere ya Afrika-Borwa (SAAE) gomme o ile a kgethwa go ba Mopresidente wa SAICE ka 2009. Ke molelokomogolo wa Yunione ya Boditšhabatšhaba ya Dilaporathori le Ditsebi ka Dimetheriale tša Go Aga, Disestemo le Dihlamago (RILEM), leloko la Mokgatlo wa Konkorihi wa Afrika-Borwa le Mokgatlo wa Molora wa Malahla wa Afrika-Borwa. Prof Kearsley o na le maemo a C2 go tšwa go NRF.