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### **PhD project opportunity in Uranium mineral systems**

The Centre for Exploration Targeting and Cameco Corporation are seeking a motivated geosciences graduate to pursue a PhD study on the uranium mineral systems of Arnhem Land, Northern Territories, Australia.

The project will focus on the integration of field observation, structural, geochemical and geophysical datasets into a 4-dimensional model of the evolution of the Alligator River Uranium Field. The study will aim to determine where uranium mineralisation forms within the geological evolution of the terrane, interpreted controls on the locations and geometry of the uranium deposits, ultimately leading to targeting of further uranium mineralisation within this world class uranium district.

The study will be based at the Centre for Exploration Targeting (CET; [www.cet.uwa.edu.au](http://www.cet.uwa.edu.au)) within the School of Earth and Geographical Sciences at The University of Western Australia ([www.uwa.edu.au](http://www.uwa.edu.au)) in Perth, Western Australia.

The ideal candidate for the project will be a highly motivated geoscientist with a strong desire to carry out studies applied to the mineral industry, and demonstrated skills in field geology. During the study the candidate will have strong interaction with the CET, a leading research group in economic geology, and Cameco Australia Pty Ltd a subsidiary of Cameco Corporation, the world's largest uranium producer. The candidate will have the opportunity to become expert on uranium mineral systems and in the 4D analysis of mineral systems, from field work to the application of advanced 3D modelling software such as Leapfrog and Geomodeller.

For further information or to register your interest in this study, please contact Professor T. Campbell McCuaig at the phone number above, or by email at [cmccuaig@cyllene.uwa.edu.au](mailto:cmccuaig@cyllene.uwa.edu.au).