



GREAT MINDS
CREATING BRIGHT
FUTURES

POSTGRADUATE CANDIDATE (x2)

CENTRE FOR ATMOSPHERIC CHEMISTRY (CAC)

The Centre for Atmospheric Chemistry (CAC) in the School of Science, Medicine and Health (SMAH) at the University of Wollongong is seeking two highly motivated PhD students to work in the area of atmospheric measurement and modelling of greenhouse gases. The full-time, fixed-term (3 year with possibility of 6-month extension) positions are available for immediate commencement, and are supported by project funding from the Australian Research Council and scholarships from the University of Wollongong.

Applicants should have (or expect to have by the time of commencement) an honours or masters degree in atmospheric science, applied mathematics, earth sciences, physical chemistry or physics. Experience and/or aptitude with computer programming, atmospheric modelling or infrared spectroscopy would be beneficial.

Successful applicants will have the opportunity to work collaboratively within Australia and in international networks, including with colleagues at the University of Melbourne, California Institute of Technology, NASA, and various European universities and research institutes. An ability to work independently to realise project goals is expected. The positions will remain open until filled, but preference will be given to applicants who apply before November 30, 2014 and can commence before March 2015.

To apply, please contact Prof. David Griffith ([griffith \[at\] uow.edu.au](mailto:griffith@uow.edu.au)) and/or Dr. Nicholas Deutscher ([ndeutsch \[at\] uow.edu.au](mailto:ndeutsch@uow.edu.au)) with copies of academic transcripts, a curriculum vitae and the names and contact information of three references. International applicants and enquiries are encouraged, and should make initial informal contact with Prof. Griffith and/or Dr. Deutscher before applying.

Further information regarding CAC and the projects available can be obtained from the websites of [CAC \(<http://smah.uow.edu.au/cac/index.html>\)](http://smah.uow.edu.au/cac/index.html), [Prof. Griffith \(<http://smah.uow.edu.au/chem/contacts/UOW110072.html>\)](http://smah.uow.edu.au/chem/contacts/UOW110072.html) and [Dr Deutscher \(<http://www.uow.edu.au/~ndeutsch/>\)](http://www.uow.edu.au/~ndeutsch/). The students will be able to work in the area of Solar FTIR Remote Sensing of greenhouse gases, specifically within the Total Carbon Column Observing Network (TCCON), or modelling and analysis of these measurements.

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