Graduate study at Research School of Earth Sciences,  
The Australian National University

PhD Student Positions in Seismology are available at the Research School of Earth Sciences at the Australian National University. Applications and inquiries are invited from highly-qualified and motivated students wishing to pursue a PhD degree in Seismology. Successful applicants will be joining a group of seismologists with interests in various aspects of global and regional seismology (both observational and theoretical) and computational geophysics, studying Earth’s structure and seismic sources. For example, opportunities exist in studying seismic sources around Australia using complete waveform modeling and a three-dimensional structural model of Australasia or using simple one-dimensional models for local and regional moment tensor inversion of smaller earthquakes. Other topics include studying the Earth’s core and lowermost mantle using globally distributed broadband stations. Furthermore, interesting topics include exploiting large quantity of passive seismic data recorded by a rolling array to improve seismic images of the Australian lithosphere utilizing receiver functions, surface wave dispersion, tomography and other techniques. This would include participation in the deployment of stations across various parts of Australia and consequent structural interpretation.

The applicants should have strong analytical and computational skills with a background in physics, geophysics, mathematics, engineering, computer science, or related fields. Once enrolled, all graduate students are provided financial support for living expenses, including research stipend, tuition and computer purchase/travel allowance. Information about the department and the application process can be found at http://www.rses.anu.edu.au/students/index.php

ANU Geosciences has been rated as the top university program in Australia and in the top ten of its class in the world. The Australian National University is situated in the centre of the nation’s capital, Canberra, between lake and mountain. Canberra is also the cultural heart of Australia, with the National Gallery of Australia, the High Court of Australia and the National Museum of Australia all a short distance from the city centre. The city is located about two hours drive from the beaches of the South Coast of New South Wales, about two hours drive to the Snowy Mountains and Mt Kosciusko ski fields, about three hours drive from Sydney, and about seven hours drive from Melbourne.

For additional information, please contact

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