



University of New South Wales (Sydney) seek expressions of interest for PhD scholarship

The School of Materials Science and Engineering at UNSW Sydney, in partnership with DMTC, have some exciting PhD projects available for Australian students. This opportunity will allow you to work within a large collaboration of research and defence industry partners with the overarching goal of improving Australian capability in the design and manufacturing of advanced SONAR and remote energy harvesting systems.

The project(s) will concentrate on the characterisation of high-strain single crystal piezoelectric material systems. This work will include extensive electrical and mechanical property characterisation as well as the opportunity to travel to large scale research facilities such as synchrotron x-ray and/or neutron sources to carry out advanced structural measurements. Throughout the project, we will work closely with collaborators from the initial materials fabrication to the final device engineering.

Projects can be tailored to be suitable for specific student backgrounds and applications are welcome from students with Materials Science, Chemistry, Physics, Computer Science, Electrical Engineering, Mechanical Engineering or related fields.

Applicants must be an Australian citizen. Applicants who are successful in applying for a government sponsored PhD position at UNSW will receive an additional top-up scholarship, bringing the total stipend to \$45,000pa (tax free).

Interested students should contact Associate Professor John Daniels: j.daniels@unsw.edu.au

More information on DMTC's work in this technology area is available at: <https://dmtc.com.au/news/ngtf-investment-spurs-pursuit-of-technology-gains/>



UNSW
SYDNEY

