



University of Wollongong seek expressions of interest for PhD scholarship

The University of Wollongong is offering a PhD scholarship on relaxor-PT ferroelectric crystal growth and property characterization. This project will be supervised by Professor Shujun Zhang, a Fellow of the American Ceramic Society and the Institute of Electrical and Electronics Engineers, NSW Premier's Prize for Excellence in Mathematics, Earth Sciences, Chemistry or Physics 2021 winner, and a 2021 Clarivate Highly-Cited Researcher.

The PhD scholar will be expected to develop and carry out a project that supports the programs in developing local crystal growth foundry as well as advancing research in advanced piezoelectric materials. The project will be supervised by Prof. Shujun Zhang in the Institute for Superconducting and Electronic Materials (ISEM), Australian Institute for Innovative Materials (AIIM), University of Wollongong. The PhD scholar will be supported through the active research programs and have the opportunity to interact with other researchers in ISEM, AIIM/UOW, UNSW, University of Sydney and local industry.

To be eligible for this scholarship the applicant must:

- Have completed a Bachelor/Master's degree in Material Science, Solid State Chemistry Science, Physics Sciences, or a related discipline with First-Class Honours, or be regarded by UOW as having an equivalent level of attainment;
- Be able to commence full-time higher degree by research by April 2022;
- Be Australian Citizens or have the capacity to obtain a security clearance if required.

To apply for this scholarship, applicants should submit to Professor Shujun Zhang: shujun@uow.edu.au

- A letter of application outlining your thematic interest in relation to ferroelectric materials, relevant experience and expertise in materials (maximum 2 pages);
- A CV with relevant academic transcripts;
- A one-page summary of the proposed project.

The successful candidate will receive a stipend of \$45,000 pa (tax free) for the duration of the award. The duration of the award shall be up to 4 years.

Applications Close: 20th March 2022

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/>



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