

Research Directions

Office of Research Services

SUCCESS FOR NANOTECHNOLOGY

Professor William S. Price from the School of Biomedical and Health Sciences, Nanoscale Organization and Dynamics Research Group, is part of a successful ARC Linkage Infrastructure and Facilities (LIEF) grant, together with researchers at seven other universities. The grant will provide funding for the purchase of an ultra-high resolution imaging Bruker Biospin NMR spectrometer which will extend the research capacity of over fifty academics and postgraduate students.



Bruker Biospin NMR spectrometer

‘The use of the spectrometer for nanotechnology and related disciplines produces very exciting and diverse outcomes’ said Professor Price. ‘They include research into fundamental problems of drug development, investigation into the effects on biodiversity of carbon dioxide level increases, through to protecting Australia from terrorism and diseases’.

The facility will also provide research training in cutting edge nanotechnology and support associated disciplines exploring fundamental problems such as drug development, and applied outcomes in horticulture such as improved fruit preservation.

Project Title: *Ultra-High Resolution NMR Imaging System for Nanotechnology including Nanobiotechnology.*

Funding has been set at: \$740,000.

Collaborating Institutions include:

University of Sydney, University of Wollongong, University of Adelaide, University of Newcastle, University of Melbourne, University of New South Wales, Griffith University

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