

Research Directions

Office of Research Services

Valuing Research

Professor Tim Turpin from the Centre for Industry and Innovation Studies, and a multi-disciplinary team from University of Technology, Sydney, University of Wollongong, and Georgia Tech (Atlanta – USA) have won an ARC Linkage International award to explore how the value of research and research collaboration can be quantified.



In order to identify the value of collaboration between the public and private sectors, particularly with regard to scientific investigations, the project will evaluate an existing database of science collaborations that has been developed by Professor Turpin and his team in Australia. This will be done using a technique known as 'Research Value Mapping' (RMV) developed at Georgia Tech and specialist analytical software which will enable the team to quantify different elements of collaborative research projects. This will enable both groups to integrate their respective data to create a unique international data base on the mobility of scientists.

According to Professor Turpin, 'the conceptual development of research value mapping and the technical expertise of the Georgia Tech team used together with the methodologies established by the UWS team offers world's best practice in mapping and valuing research interaction between universities and business; an area of science policy analysis in which there is currently something of a shortfall, and where increasing efforts will be concentrated in Australia in future.'

After collaboration and sharing methodologies for RMV in Atlanta, the research team will communicate the results of their integrated analysis at a workshop in Canberra. This workshop will be used as a forum for presenting the team's analysis of trends and explore implications for science policy in Australia and the US.

As well as the benefits this will afford in research training and collaborative network development, the project is expected to facilitate the import of potentially exciting evaluative tools and techniques to Australia from the US, and inform the science policy debate in both countries.

Project Title: *Research Training, Scientists, Mobility, and Innovation: Enhancing comparative methodologies*

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