

UniServe

S C I E N C E

Proceedings of the
Blended Learning in
Science Teaching and Learning
Symposium

September 30, 2005
The University of Sydney

UniServe Science

UniServe Science aims to enhance the quality of university science teaching in Australia by collecting, maintaining and disseminating information on up-to-date and innovative teaching. To this end UniServe Science provides support at both an international and a national level. Internationally, UniServe science publishes *CAL-laborate*, an international journal, prepared in collaboration with the United Kingdom Science LTSNs and the Swedish Council for the Renewal of Higher Education. *CAL-laborate* is published in June for the Life Sciences and October for the Physical Sciences and Geosciences and is available online from <http://science.uniserve.edu.au/pubs/callab/>. Nationally, UniServe Science conducts an annual conference which focuses on the enhancement of tertiary science teaching and learning.

The annual conference now consists of three components: a Science Discipline Day, held for interested parties to come together and discuss issues of common interest; the First Year Experience Discussion Forum; and the Tertiary Science Teaching Symposium. The Science Discipline Day this year was held for Physics (Convenor: Alberto Mendez, The University of Sydney), Chemistry (Convenor: Trevor Appleton, The University of Queensland) and Biology (Convenor: Dawn Gleeson, The University of Melbourne). The First Year Experience Discussion Forum concentrated on issues to do with assessment, especially for large numbers of students and notes from this day are available online from <http://science.uniserve.edu.au/disc/fye.html>.

The Pearson Education UniServe Science Teaching Award, which is presented at the annual Symposium, recognises teaching that improves student learning outcomes via the innovative and integrated use of information technology.

Papers for the 2005 Symposium, 'Scholarly Inquiry into Science Teaching and Learning' have been reviewed to meet the Department of Education, Science and Training standard for research conference publications. The full papers were peer reviewed by at least two members of a national review panel that was chaired by Associate Professor Ian Johnston, Director, UniServe Science. For those papers deemed to be worthy of refereed publication, authors were provided with feedback from the reviewers and asked to make appropriate changes.

The proceedings are distributed nationally and internationally from the Web at:
(<http://science.uniserve.edu.au/pubs/procs/>).

UniServe Science PERSONNEL

Directors: Associate Professor Ian Johnston, Associate Professor Mary Peat

Deputy Director: Associate Professor Robert G. Hewitt

Educational Technologists:

Kaye Placing

Tel: (02) 9351 2960

BioSciCH@mail.usyd.edu.au

Danielle Merrett

Tel: (02) 9351 5783

PhySciCH@mail.usyd.edu.au

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