

Australian Journal of Educational Technology

Volume 18, Number 2, Winter 2002 ISSN 0814-673X

## Contents

Editorial iii-iv
An evaluation of tertiary language learning through student constructed multimedia: The Interactive Stories approach
Understanding common interviewing pitfalls: An evaluation of <i>Legal Interviewing Skills</i>
You can lead a student to water, but can you make them think? An evaluation of a situated learning environment: <i>An Ocean in the Classroom</i>
Learning to evaluate - evaluating to learn
Iterative evaluation of <i>Reflex Control of Blood Pressure</i>
Computer supported teamwork: An integrative approach to evaluating cooperative learning in an online environment
Learning human biology: Student views on the usefulness of IT materials in an integrated curriculum

 ${\ensuremath{\mathbb C}}$  2002 All rights reserved. No part of this journal may be reprinted or reproduced without permission from the publishers.

The *Australian Journal of Educational Technology* is a refereed research journal published three times per year jointly by the Australasian Society for Computers in Learning in Tertiary Education and the Australian Society for Educational Technology. For details on submission of manuscripts, subscriptions and access to the AJET online archives, please see:

http://www.ascilite.org.au/ajet/

or for manuscript submission contact the Editor, Associate Professor Catherine McLoughlin, School of Education (ACT), Australian Catholic University, PO Box 256, Dickson ACT 2602, Australia. Email: C.McLoughlin@signadou.acu.edu.au, Tel: +61 2 6209 1100 Fax +61 2 6209 1185, or for subscriptions contact the Production Editor, Dr Roger Atkinson, 5/202 Coode Street, Como WA 6152, Australia. Email: rjatkinson@bigpond.com, Tel: +61 8 9367 1133. Members of ASET, ASCILITE and ISPI (Vic) receive AJET as a part of their membership benefits.

AJET is managed by an Editorial Board nominated by ASCILITE and ASET. The 2002 Editorial Board comprises:

Catherine McLoughlin (Editor), Australian Catholic University Roger Atkinson (Production Editor) Trish Andrews, University of Queensland Carolyn Dowling, Australian Catholic University Mike Keppell, University of Melbourne Lori Lockyer, University of Wollongong Mary Jane Mahony, University of Sydney Elizabeth Stacey, Deakin University

Australasian Society for Computers in Learning in Tertiary Education http://www.ascilite.org.au/ Australian Society for Educational Technology http://cleo.murdoch.edu.au/aset/

Copyright in individual articles contained in AJET is vested in each of the authors in respect of his or her contributions. Copyright in AJET is vested in ASET (1985-86), AJET Publications (1987-1996), and ASET and ASCILITE (from 1997). Desktop publishing and HTML by Roger Atkinson. Printed and bound by The Printing Place, Myaree WA 6154, Australia.

## Supporting Societies

Supporting societies obtain bulk supplies of printed copies of AJET at the same cost as applicable for ASCILITE and ASET members, and access to AJET online articles during the period of restricted access for each issue. Inquiries about supporting society status may be directed to the Production Editor.



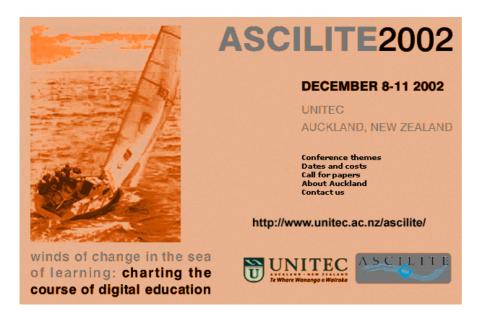
ISPI Melbourne Chapter http://www.ispimelb.org.au/

International Society for Performance Infrovement

## Editorial

This special issue of AJET arose from an evaluation project undertaken by ASCILITE and funded by the Committee for University Teaching and Staff Development (CUTSD). The project involved the participation of 44 university staff from 10 participating universities who took part in 20 evaluation studies supported by 11 mentors (Phillips, 2002). The studies were centred on the technology based teaching developments of the university staff involved, and most studies were informed by the learning centred evaluation framework of Alexander and Hedberg (1994) and Bain (1999), as augmented by Phillips et al (2000). Seven of the 20 evaluation studies were selected for this special issue of AJET so as to illustrate a wide range of discipline areas, information technologies, and evaluation methods. The authors include the academic staff and their project mentors.

Unlike the formal evaluations of earlier literature, the studies reported here focus on whether a teaching development is functioning as intended - with adjustments made if it is not - rather than on demonstrating the superiority



of the development relative to others that might be available. Accordingly, the evidence gathered has an emphasis on whether students use the technology in the ways intended, whether they understand, think and learn as intended, and whether the outcomes of their learning show the characteristics that were planned. All studies are works in progress, and hence they should be viewed as ways in which teaching developments can be informed and improved by systematic evaluation, and how the evaluations can be enhanced with successive iterations.

John D Bain Special Issue Editor

## References

- Bain, J. D. (1999). Introduction: Learning centred evaluation of innovation in higher education. *Higher Education Research and Development*, 18(2), 165-172.
- Alexander, S. & Hedberg, J. (1994). Evaluating technology-based learning: Which model? In K. Beattie, C. McNaught & S. Wills (Eds), *Multimedia in higher education: Designing for change in teaching and learning* (pp. 233-244). Amsterdam: Elsevier.
- Phillips, R., Bain, J. D., McNaught, C., Rice, M. & Tripp, D. (2000). Handbook for learning-centred evaluation of computer-facilitated learning projects in higher education. Australasian Society for Computers in Learning in Tertiary Education (ASCILITE) and Murdoch University. http://cleo.murdoch.edu.au/projects/cutsd99/handbook/handbook.htm
- Phillips, R. A. (2002). Learning-centred evaluation of computer-facilitated learning projects in higher education: Outcomes of a CUTSD staff development grant. Canberra: Committee for University Teaching and Staff Development, Commonwealth of Australia. http://cleo.murdoch.edu.au/projects/cutsd99/