About the Authors

Anthony Herrington is associate professor in both adult education and IT in education in the Faculty of Education, University of Wollongong, Australia. He has a long history of teaching in schools and universities, nationally and overseas. His initial teaching focus was mathematics education. However, with the impact of technology his interests have broadened to include adult, and information and communications technology education. Tony has won national teacher development grants resulting in award winning publications that have focused on the professional development of teachers using technologies such as video, CD-ROM-based multimedia and the Internet. He is currently engaged in researching the benefits of online communities of practice for beginning teachers.

Jan Herrington is associate professor in IT in education at the University of Wollongong, Australia. She is a member of the Research Centre for Interactive Learning Environments (RILE) at the university. Recent research and development interests have focused on the design of Web-based learning environments for higher education and the use of authentic tasks as a central focus for Web-based courses. She was awarded the Association of Educational Communications and Technology (AECT) Young Researcher of the Year Award in Houston Texas in 1999 and won a Fulbright Professional Award in 2002 to conduct research at the University of Georgia, USA.

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Shirley Agostinho is a post doctoral fellow in the Faculty of Education at the University of Wollongong, Australia. She has been involved in teaching in the Master of Education (IT) program and her current research focus is the use of learning objects within a “learning design” framework. Shirley was the project manager for an Australian nationally funded project (2000-2002) that investigated the redevelopment of effective technology-based learning designs (implemented in higher education) into more generic forms. She also has worked as an instructional designer on multimedia CD-ROM educational programs. Shirley completed her doctoral dissertation titled: *Examining Interactions in a Web-based Learning Environment: Creating an Online Learning Community* in 2000.

Karen Anderson is senior lecturer in archives and records management at Edith Cowan University in Western Australia, where she has taught distance education courses for professionals since 1990. She has been president of the International Council on Archives, Section for Archival Educators and Trainers for 2000 - 2004, is vice president of the Section for 2004 - 2008 and is a member of the Australian Society of Archivists’ Education Committee. Her interests in archival education include development, delivery and evaluation of distance education for information service professionals using online technologies. In 2003, she won the Edith Cowan University Vice-Chancellor’s Excellence in Teaching Award.

Sue Bennett is a senior lecturer and researcher in the Faculty of Education at the University of Wollongong, Australia. She is an active member of the Centre for Research in Interactive Learning Environments. Sue’s interest in use of online technologies to support collaboration stems from her research into authentic learning environments and her experiences as a tertiary teacher of on-campus and distance students.

Brian Cambourne is currently associate professor in the Faculty of Education, University of Wollongong Australia. He began teaching in 1956 when he was 19 years old, and spent 15 years teaching in a mix of one-room schools, and primary classrooms K-6 for the New South Wales Department of Education. He completed his PhD at James Cook University, and was subsequently a Fulbright scholar and a post-doctoral fellow at Harvard. He has also been a visiting fellow at the Universities of Illinois and Arizona. Since 1980 Brian has been researching how learning, especially literacy learning, occurs.
Di Challis is senior lecturer with the Teaching and Learning Support Unit within Learning Services at Deakin University, Geelong, Australia. Her research interests are in the areas of academic discourse, most especially tertiary teaching, and the mediation of technologies on teaching and learning with a recent focus on the management of information technologies within the University sector. She has co-authored a federal government report on information technology, consulted internationally on e-learning and contributed to scholarly literature in this area.

Brian Ferry is associate professor in education at the University of Wollongong, Australia, associate dean (Graduate) and coordinator of RILE Research Group. His research interests include the use of interactive learning environments in educational settings. In 2003 he was awarded an Australian Research Council (ARC) Discovery Grant to conduct research about the use of online simulations in teacher education. Brian has written more than 20 refereed journal articles and more than 80 refereed conference papers. His awards include: the Illawarra/South Coast Regional Group award for outstanding service to education 1995, Vice-Chancellor’s Award for Outstanding Teaching 1996 and the University Teaching Fellowship 1998.

John Fitzsimmons (BA, Honors; PhD, Adelaide - John Howard Clark Scholar; Grad Cert Online Learning, ECU) teaches literary and cultural studies in the School of Humanities at Central Queensland University in Australia. His research interests include online learning and post-modern fiction.

Evan Glazer is director of the Roanoke Valley Governor’s School, USA, a regional program for secondary students who are talented in mathematics, science, and research. Some of his work can be seen in his books Using Internet Primary Sources to Teach Critical Thinking and Everyday Use of Mathematical Concepts: A Reference Guide. During his post graduate work, Evan taught courses on instructional design, research methods, and using computers in the classroom. His research examined social and environmental factors that influence professional learning as teachers integrate technology into their classrooms.

John Hedberg is professor and ICT Millennium Chair at Macquarie University, Australia. John is currently editor-in-chief of Educational Media International, a refereed journal for those interested in the application of media and technology in learning contexts throughout the world. He currently serves on the editorial advisory boards of the Journal of Interactive Learning Research.
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Lynne Hunt is a professor (leader teaching and learning) at Charles Darwin University, Australia. She is the recipient of three university awards for teaching excellence and the 2002 Australian Award for University Teaching in the Social Science category. She also won the 2002 Prime Minister’s Award for Australian University Teacher of the Year. She publishes in the fields of women’s health and tertiary teaching and is a Higher Education Research and Development Society of Australasia (HERDSA) Fellow. Lynne is also a member of the board of the Carrick Institute for Learning and Teaching in Higher Education.

Jennifer Jamison has been involved in chiropractic education for some 25 years. After completing her medical degree in South Africa she migrated to Australia where she obtained her PhD and EdD. She holds the position of professor of primary care in the School of Chiropractic at Murdoch University. She has published more than 185 articles in peer reviewed journals, has chapters in several books and has written six textbooks.

Cate Jerram taught with the management information systems program at the University of Western Sydney in Australia for four years and is now teaching in social psychology. Originally an adult educator working in drama, employment relations and life skills, Cate took undergraduate studies and honours in adult education. Cate is interested in inter-disciplinary research and practice, and the synergies created by bringing diverse fields of knowledge together. Twenty years as an adult educator and four years working with university undergraduates have aroused an intense interest in applying principles of adult education to challenge current undergraduate attitudes and approaches to learning, and tertiary teaching methods.

David Jonassen is a distinguished professor at the University of Missouri. He is the author of more than 20 books, 130 journal articles, 30 book chapters, 20 book reviews and several hundred conference papers. His research interests include: knowledge representation, technologies, and instructional design and learning. He is a member of more than 20 professional associations and has received numerous awards for his work in the field in information technology in education. David is also a consultant for a wide variety of bodies including: IBM
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**Sandra Jones** is associate professor of employment relations and the director of higher education programs in the School of Management at RMIT. She combines her significant practical experience as a practitioner and industry consultant with her considerable educational experience to design, develop and implement experiential learning environments in which students can combine their practical experience with their theoretical knowledge. With the introduction of a distributed learning system within the university to which all students are connected, she has augmented the experiential learning activities using the virtual learning environment.

**Mike Keppell** is principal lecturer and head of the Centre for Integrating Technology in Education (CITIE) at The Hong Kong Institute of Education. The centre focuses on online learning, media production, IT competencies and research. His institute-wide role encourages staff and students to utilise educational technology to enrich the teaching and learning process. His research interests cover four areas: student-centred learning, multimedia design, processes involved in optimising the instructional designer-subject matter expert interaction and knowledge management. His current interests at the Institute focus on technology-enhanced authentic learning environments, online communities, problem-based learning and learner-centred assessment.

**Lisa Kervin** lectures in language and literacy and educational research in the Faculty of Education, University of Wollongong, Australia. She has taught across the primary grades and has been responsible for both the literacy and numeracy curriculum areas within schools. She has been employed in consultancy roles within New South Wales education systems. Her current research interests are related to the literacy development of children, the use of technology to support student learning and teacher professional learning.

**Annette Koenders** is senior lecturer in the School of Natural Sciences at Edith Cowan University, Australia. Annette has a BSc (Honors) and PhD in zoology from Monash University and a Graduate Certificate (tertiary teaching) from ECU. She has lectured in undergraduate biology for over 10 years and pursues research in muscle regeneration. Annette has long-standing interests in transitional issues for first year students and in the application of technology to enhance learning in the biological sciences, having developed a virtual dissection of the garden snail.
Richard Ladyshewsky is senior lecturer at the Graduate School of Business, Curtin University of Technology, Perth, Western Australia. He is an associate fellow of the Australian Institute of Management and an inaugural fellow of the Higher Education and Research Development Society of Australasia. He teaches in the area of organisational behaviour and managerial effectiveness and conducts research in the area of coaching and professional development.

Marilyn Laiken is professor of adult education in the Workplace Learning and Change specialisation at OISE, University of Toronto, Canada, and director of the OISE/UT Certificate Program in Adult Training and Development. Marilyn combines an interest in adult education and organisational change through research, teaching and field development in such areas as organisational learning and change, system redesign, work team development, participative leadership, and experiential, transformative adult education. Marilyn has been honoured with the prestigious OCUFA award for Excellence in Teaching, and the Canadian Society for Training and Development President’s Award for her contributions to the field of Adult Education.

Joe Luca is senior lecturer at Edith Cowan University, Australia, in the School of Communications and Multimedia. He lectures in both the undergraduate and postgraduate courses, with a focus on e-learning, project management and industry liaison. Research interests include creating online learning environments that promote the development of generic skills as well as deep and meaningful learning experiences. Joe’s qualifications include a PhD, Master of Education (instructional multimedia), Graduate Certificate in computer based instructional design, Graduate Diploma in computing, Graduate Diploma in science education (computing), Diploma of Education and a Bachelor of Science.

Catherine McLoughlin is associate professor and head of the School of Education, Australian Catholic University, Canberra, Australia. Her publications attest to extensive research and development in flexible and online learning, innovative pedagogy in higher education, curriculum design and assessment strategies. Current research interests are the development of e-learning environments to support self-direction, online assessment, evaluation of learning environments and models for the integration of information technology in teacher-education programs. Catherine is editor of the Australian Journal of Educational Technology and a member of the program committee of the World Conference on Educational Multimedia and Hypermedia, organised by the Association for Advancement of Computing in Education.
Jim Millar gained a doctorate in physics from Monash University and then lectured in mathematics and science in NSW. An interest in computer education grew and led to a shift to Perth, Western Australia, lecturing in computer science and software engineering at Edith Cowan University, Australia. A diploma in tertiary education along the way provided a new focus onto learning. He has taught large first year classes and boutique post-graduate units, and filled service roles from course coordinator to chairperson of department, and associate dean teaching and learning. Currently he is director of Learning and Development Services and interested in policy development and planning in teaching and learning.

Ron Oliver is professor of interactive multimedia in the Faculty of Communications and Creative Industries at Edith Cowan University, Australia. He has a background in multimedia and learning technologies and currently leads a research team at ECU in these fields. He has extensive experience in the design, development, implementation and evaluation of technology-mediated and online learning materials. Current projects in which he is involved include investigations of authentic settings for online teaching and learning, the reusability of e-learning resources, and the modelling and specification of high quality generic learning designs for online learning.

Greg Parry has been a lecturer in economics at Edith Cowan University, Australia since 1998. Greg’s main teaching responsibilities are in first year economics and in managerial economics. His research interests include franchising and the economics of innovation, in addition to an interest in authentic learning and the application of wireless technology in tertiary education.

Sarah Puglisi is an education student at the University of Wollongong, Australia who graduated in 2004 with first class honours. Her minor thesis focused on investigating the role of an online simulation in supporting the pedagogical development of first year pre-service teachers at the University of Wollongong.

Thomas C. Reeves is professor of instructional technology at the University of Georgia, USA, where he teaches program evaluation, multimedia design, and research courses. Since receiving his PhD at Syracuse University in 1979, he has developed and evaluated numerous online and interactive multimedia programs for education and training. His research interests include: evaluation of instructional technology for education and training, socially responsible research goals and methods in education, cognitive tools, and applications of instructional technology in developing countries. He is a former Fulbright lecturer in Peru, and
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**Clive Reynoldson** is former head of the School of Finance and Business Economics at Edith Cowan University, Australia, and director of the WA Management Development Centre. His current position is director of graduate studies at the Faculty of Business and Public Management, ECU. Clive teaches economics and business strategy to post-graduate students at the university. His current research interests include reform of service delivery in the public sector, quality assurance in higher education and economics education.

**John Ryan** is an experienced manager and management consultant from a broad range of areas. After 12 years with Ford Australia (Graduate Trainee to National Sales Distribution Manager), he joined PA consulting in Melbourne in late 1967, and transferred to Perth in 1968. He became a principal consultant, PA’s highest grade. He retired to freelance in 1991. Since receiving a Doctorate in Business Administration in 2001, he has assisted with the Peer Coaching project, continued consulting and undertaken sessional lecturing. Until November 2001 he was chairman of ITIM, a national non-profit company, which offers a range of employee assistance programs throughout Australia.

**Sue Stoney** is senior lecturer in management information systems at Edith Cowan University, in Western Australia, and has had a wide experience of both teaching and business. She has been a tertiary educator for over 20 years and has had 15 years experience in start up businesses in the primary industry sector. The main focus of her recent research has been the usability of various Internet environments, legal aspects of the Internet, and online communities, particularly in learning environments. Sue currently teaches a first year introductory business computing course, as well as Web usability courses for both undergraduate and graduates.

**Jan Turbill** is currently the director of primary education in the Faculty of Education, University of Wollongong, Australia. She began teaching for the Department of School Education in New South Wales, teaching primary children for 12 years, working as a Literacy Consultant for nine years before moving to the academic world of the University in 1985. Jan’s research ranges from early literacy development to the professional development of teachers. More recently
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