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## CURRICULUM VITAE

Mike Sharples, BSc PhD FRSA SMIEEE

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Mike Sharples is Emeritus Professor of Educational Technology at the Open University, UK. He is also Visiting Professor at the Centre for Higher Education Innovation, Anglia Ruskin University. He has been a global leader in technology-enhanced learning for over thirty years, engaging in collaborative research and development with international organisations including Nokia, Microsoft, Kodak, UNESCO, and OECD. As Academic Lead for FutureLearn he led pedagogy-informed design of the MOOC platform. Specific influence on educational policy and practice include prime authorship of the *Innovating Pedagogy* series of reports since 2012 (80,000 downloads per year), and consultancy since 2006 for the Swiss Government on improving vocational education through technology. In 2002, he inaugurated the mLearn international conference series and was founding President of the International Association for Mobile Learning. As Deputy Scientific Manager of the EU Kaleidoscope Network of Excellence in Technology Enhanced Learning from 2006-7 he coordinated a network of 1100 researchers across 90 European research centres. From 2009 to 2018 he was Associate Editor in Chief of *IEEE Transactions on Learning Technologies* and a Senior Member of the IEEE. Since 2000 he has gained £2.5 million in external research funding as Principal Investigator and been associated with £18.3 million of research income as a Co-Investigator. His current research focus is the design and evaluation of mobile, contextual, inquiry-based and massive-scale learning enabled by personal technologies. Current projects include ‘Tomorrow’s World nQuire’, a collaboration with the BBC to develop a platform for inquiry-led science learning. He is author of over 300 papers in the areas of educational technology, science education, human-centred design of personal technologies, artificial intelligence and cognitive science.

### Education and employment

1972 – 1976	St. Andrews University	BSc. Hons. Computational Science (2.1)
1977 – 1980	University of Edinburgh, Dept. of Artificial Intelligence	Postgraduate student
1984	PhD thesis	<i>Cognition, Computers and Creative Writing</i>
1981 – 1982	Research Fellow, Institute of Educational Technology, The Open University	Coordinator, evaluation of <i>CYCLOPS</i> telewriting system
1982 – 1984	Research Fellow, University of Edinburgh	ESRC funded project: <i>The Development of a Cognitive Theory of Writing</i>
1984 – 1993	Lecturer in Artificial Intelligence, University of Sussex	
1993 – 1997	Senior Lecturer, School of Cognitive and Computing Sciences, University of Sussex	
1997 – 2003	Kodak/ Royal Academy of Engineering Research Professor of Educational Technology, University of Birmingham	
1999 –	Director, Centre for Educational Technology and Distance Learning (CETADL)	

2003 – 2005	Professor of Educational Technology, University of Birmingham	
2005 – 2011	Professor of Learning Sciences and Director, Learning Sciences Research Institute, University of Nottingham	
2011 –	Professor of Educational Technology, Institute of Educational Technology, The Open University.	
2012 –	Part-time secondment as Academic Lead, FutureLearn Ltd.	
2018-2021	Visiting Professor of Anglia Ruskin University	Centre for Innovation in Higher Education

## Research Grants

1987	1 year personal research fellowship and equipment grant, funded by the Hunnisett Trust and the Renaissance Trust for <i>Computer-aided Tuition in the Interpretation of Medical Images</i> . £25,000.
1987-1990	Research grant from British Telecom for <i>The Design and Implementation of a Writer's Assistant</i> . Principal Investigator, £170,000.
1989-1990	Grant from EU Advanced Informatics in Medicine (AIM) initiative: <i>Multimedia Medical Diagnostic Assistant</i> . Principal Investigator, 16,000 ECUs.
1990-1992	Research grant from Joint Research Council's Cognitive Science/HCI Initiative for two research fellows: <i>The Development of a Cognitive Model for Computer Support of Collaborative Writing</i> . Principal Investigator, £93,000.
1990-1993	CASE award in collaboration with Rediffusion Interactive Training Systems Ltd. for postgraduate studentship. Funding of £3000 from company.
1990-1992	Teaching Company Scheme with ISL Ltd to develop <i>Hypermedia in Poplog</i> . Principal Applicant, £115,000.
1992	Grant of £23,930 from University of Sussex Teaching Development Fund to establish a Multimedia Teaching Centre.
1993-1996	Grant from SERC (DTI Computer Supported Cooperative Work Initiative) for <i>CORECT: Collaborative Requirements Capture Tool</i> . Principal Investigator, £181, 704.
1993-1995	Grant from Renaissance Trust for a project, with Professor Boden, to develop a <i>Multimedia Creativity</i> package. £60,000.
1995	Grant from the University of Sussex Research Development Fund, with Professor du Boulay, to carry out research on the MR Tutor project, and to prepare a proposal to the EU Framework Initiative. £5,000.
1995-1998	Grant from ESRC Cognitive Engineering Initiative for <i>A Cognitive Engineering Approach to the Design of Computer-based Training in Radiology</i> . Principal Investigator, £90,000.
1996-1998	Travel grant from British Council Alliance programme for £1,600.
1998	Grant from Prime College, Malaysia to demonstrate educational technology for MSc distance teaching. £15,000.
1998-2000	Grant from EPSRC Healthcare Informatics Programme for <i>Computer Support in Neuroradiology via Interactive Overviews of Disease Space</i> . Ref.: GR/L 53588. Co-

Investigator, £157,449.

- 1998 Grant from BT for *The Development of a Pilot Internet Mediated Teacher Education Programme for Special Educational Needs Coordinators in Primary and Secondary Schools*. In collaboration with School of Education. Total value: £10,000. School of Electronic and Electrical Engineering share: £2000.
- 1998 Grant from Royal Academy of Engineering for purchase of a digital video editing system. £11,700.
- 1999 Collaborator in ESRC Research seminar series on *Socio-cultural Theory and Learning Contexts*. Funds for travel and subsistence. Total value, £11,989.
- 1999 Grant from the Royal Academy of Engineering for the purchase of a 'test rig' for personal mobile learning. £10,300.
- 1999-2001 Grant from ESRC for *A Developmental Psychology of Children as Photographers*. Ref.: R000 23 8203. Co-Investigator, £95, 441.
- 2001 Grant from the Royal Academy of Engineering for the purchase of equipment to investigate mobile learning systems in knowledge-rich environments. £34,861.
- 2001 Funding from Kodak for a *Study of Children as Photographers*. In collaboration with Prof. G. Thomas, School of Psychology, the National Museum of Photography, Film and Television, and four European partners. Birmingham share approximately £28,168.
- 2001 Grant from EPSRC Strategic Equipment Initiative for *Equipment for Development and Evaluation of Mobile Contextual Technologies*. Co-Investigator, £83,575.
- 2001 Grant from the Royal Academy of Engineering for the purchase of five high resolution pen tablet computers to enable us to carry out workplace trials of the MEDiate system. Principal Investigator, £14,846.
- 2001 Funding from Eastman Kodak for a *Study of Children as Digital Photographers*. Principal Investigator, £40,000.
- 2001-2002 ROPA/EPSC grant for *Mobile Communication for Distributed Collaborative Problem Solving*. Co-Investigator, £40,860.
- 2001-2004 EC Information Society Technologies Programme for *Lab of Tomorrow*. Collaboration with 10 EU partners. Co-Investigator, £190,000.
- 2002 Grant from the Royal Academy of Engineering for equipment to support a programme of research and student projects in the area of advanced mobile and contextual computing. Principal Investigator, £13,805.
- 2002-2004 EC Information Society Technologies programme, *MOBILearn: Next generation paradigms and interfaces for technology supported learning in a mobile environment exploring the potential of ambient intelligence*. Consortium of 25 partners. Contract Number IST-2001-37187. Total value of project, €7.4 million. Principal Investigator, Birmingham share, €501,068.
- 2003 Funding from Microsoft Ltd. for a programme of research into Mobile Learning. Principal Investigator, £45,000.
- 2003-2006 Funding from Microsoft Ltd. for research into e-learning in CETADL. Principal Investigator, £90,000.
- 2003 Funding from Hewlett Packard, HP Philanthropy Applied Mobile Technology Initiative for equipment. Co-Applicant, £65,000.
- 2003 Equipment grant from Royal Academy of Engineering for purchase of video mixing equipment and peripherals to facilitate our research and innovation in video-based e-learning. Co-Applicant, £8,471.
- Microsoft STAR award for student travel to conferences, £2000.

2004	Additional funding from EC Information Society Technologies programme, <i>MOBILearn</i> . Principal Investigator, €57,000.  Equipment donation (25 pen tablet computers) from Toshiba and Viglen, to a value of £30,000.  Funding from JISC eLearning Programme, Distributed eLearning Strand, for Delivery of personal learning tools. Co-Investigator, £92,000.
2006-7	Funding from Kaleidoscope Network of Excellence in Technology Enhanced Learning. Principal Investigator, €47,800.
2006-7	Grant from Sharp Labs Europe, for a Mobile Language Learning Demonstrator, Principal Investigator, £55,805.
2006-9	Grant from Cadbury Schweppes Foundation for Mobile Learning Tools for Children with Life Threatening Allergies. Co-investigator, £3000.
2007-10	ESRC/EPSRC Technology Enhanced Learning Grant for <i>Personal Inquiry (PI): Designing for Evidence-based Inquiry Learning across Formal and Informal Settings</i> . Reference: RES-139-25-0382. Principal investigator, £1,242,769.
2007	Funding from Hewlett Packard, HP Technology in Higher Education Grant. Co-Applicant, \$75,000.
2007-8	Grant from Becta, Web 2.0 Technologies for Learning at KS 3and 4. Co-investigator, £340,000.
2008-9	Grant from Becta CAPITAL: Research to support development of Harnessing Technology Strategy. Principal investigator. Total funding £626,000. UoN element, £327,000.
2008-12	National Biomedical Research Unit in Hearing. Funding from National Institute for Health Research. Co-Investigator, £5.75 million.
2008-11	EPSRC Industrial CASE studentship with Sharp Labs Europe.
2008	Research and production of report on ‘Big Issues and New Tools for Higher Education’. Microsoft. £29,000.
2009-10	Grant from Becta, Year 2, CAPITAL: Research to support development of Harnessing Technology Strategy. Principal investigator. Total funding £631,135. UoN element, £287,317.
2008-12	Grant from European Commission, STELLAR European Network of Excellence. Total funding € 4,993,330. Principal Investigator, UoN, € 201,312.00.
2009	Sharp Labs Europe, for evaluation of Mobile Language Learning Tool. Principal Investigator, £35,325.
2009-11	ESRC seminar series: ‘Educational Futures: the theory, methods and ethics of futures-oriented research in education’. Reference: RES-451-26-0744. Co-Investigator, £15,044.
2009-14	UKRC Digital Economy Research Hub, ‘Horizon’. Reference: EP/G065802/1. Co-investigator, £12.5 million.
2010	Grant from ESRC TLRP-TEL programme. Ethics and conducting research in digital environments. Co-Investigator, £10,000.
2010-11	Grant from Becta, Year 3, ‘CAPITAL: Research to support development of Harnessing Technology Strategy’. Principal investigator. Total funding £550,000. UoN element, £227,000.
2012-2013	Grant from Wolfson Foundation for ‘Wolfson OpenScience Laboratory’. Co-investigator, £1 million.

2012-2015	Grant from European Commission, 'JUXTALEARN'. Co-investigator. Total funding, €2,099,403, OU €623,781.
2013	Grant from ESRC, 'Beyond Prototypes'. Co-Investigator. £54,940.
2013-14	Grant from Nominet Trust. 'nQuire: Young Citizen Inquiry'. Principal Investigator. £119,178.
2017-18	Grant from Open University/BBC partnership, Tomorrow's World nQuire. Academic Lead. £160,000
2019	Nesta, Educational Technology testbeds. Consultant. £4,400.

## Publications (Google Scholar)

H-index = 55

16,749 citations (8,884 since 2013)

Author of the most cited publication in *Computers and Education*, the leading journal in the field of educational technology (Sharples, 2000; 1199 citations).

Eight publications as first author with greater than 300 citations each

## Books

Sharples, M. (1985) *Cognition, Computers and Creative Writing*, Chichester: Ellis Horwood.

Sharples, M., Hogg, D., Hutchison, C., Torrance, S., Young, D. (1989) *Computers and Thought: a Practical Introduction to Artificial Intelligence*. MIT Press. 406 pp.

*I was principal author and coordinator of this textbook which was used as a set text for AI and cognitive science on courses in the UK, US, Australia and Italy.*

Council for Science and Society (1989) *Benefits and Risks of Knowledge-based Systems*. Oxford University Press.

*I was Rapporteur for Council for Science and Society working group. I wrote and revised the complete report, with contributions from working group members.*

Sharples, M. (ed.) (1992) *Computers and Writing: Issues and Implementations*. Kluwer.

*Selected and revised papers from the Fourth Annual Conference on Computers and the Writing Process held at Sussex.*

Sharples, M. (ed.) (1993) *Computer Supported Collaborative Writing*. Springer-Verlag.

*This is the first book to be published on this topic of computer support for collaborative writing. It contains selected papers from a conference chaired by myself.*

Sharples, M. & van der Geest, T. (ed.) (1996) *The New Writing Environment: Writers at Work in a World of Technology*. Springer-Verlag.

*An international selection of articles on technology and workplace writing.*

Sharples, M. (1999) *How We Write: Writing as Creative Design*. London: Routledge.

*An accessible account of the psychology of writing including a new model of writing as design, drawing on my research over the past previous 20 years.*

Anastopoulou, S., Sharples, M., Vavoula, G. (2002) *Proceedings of the European Workshop on Mobile and Contextual Learning*. June 20-21, 2002, The University of Birmingham, UK. Birmingham, UK: The University of Birmingham.

Ogata, H., Sharples, M., Kinshuk, Yano, Y. (2005) *Proceedings of the Third IEEE International Workshop on Wireless and Mobile Technologies in Education 2005*. November 28-30, 2005, Tokushima, Japan. Los Alamitos: IEEE Computer Society.

Littleton, K., Scanlon, E. & Sharples, M. (eds.) (2012) *Orchestrating Inquiry Learning*. Routledge. ISBN-10: 0415601134.

Verbert, K., Sharples, M. & Klobučar, T. (eds.) (2016) *Adaptive and Adaptable Learning, Proceedings of 11th European Conference on Technology Enhanced Learning, EC-TEL 2016, Lyon, France*. Switzerland: Springer International Publishing.

Herodotou, C., Sharples, M. & Scanlon, E. (Eds.) (2017) *Citizen Inquiry: Synthesizing Science and Inquiry Learning*. Routledge.

Duval, E., Sharples, M. & Sutherland, R. (Eds.)(2017). *Technology Enhanced Learning: Research Themes*. Springer.

Sharples, M. (2019). *Practical Pedagogy: 40 New Ways to Teach and Learn*. Abingdon: Routledge.

*Drawing on material from the hugely influential Innovating Pedagogy series of reports, this book is a compilation of the 40 most relevant pedagogies.*

## Journal articles

- McConnell, D. & Sharples, M. (1983) Distance Teaching by CYCLOPS: an Educational Evaluation of the Open University's Telewriting System, *British Journal of Educational Technology*, 14, 2, 109-126.
- Sharples, M. (1983) The Use of Computers to Aid the Teaching of Creative Writing, *AEDS Journal*, 16, 2, 79-91.
- Sharples, M. & Pemberton, L. (1990) Starting from the Writer: Guidelines for the Design of User-Centred Document Processors, *Computer Assisted Language Learning*, Volume 2, June 1990, pp. 37-57.
- Sharples, M. (1991) Computer-based Tutoring of Visual Concepts: from Novice to Expert, *Journal of Computer Assisted Learning*, 7, 2, pp. 123 - 132.
- Sharples, M. (1992) Introduction to Special Issue on Computers and Writing, *Instructional Science*, 21, 1/3, pp. 1 - 4 .
- Sharples, M. & Evans, M. (1992) Computer Support for the Development of Writing Abilities, *Instructional Science*, Vol. 21, No. 1/3, pp. 99 - 108.
- Sharples, M & du Boulay, B. (1992) Heart and Head: the Radiology Tutor and Beyond, *Rivista di Neuroradiologia*. 5, pp. 465-47.
- Sharples, M. (1993) A Study of Breakdowns and Repairs in a Computer Mediated Communication System, *Interacting with Computers*, 5, 1, pp. 61 - 77.
- Sharples, M. (1994) Computer Support for the Rhythms of Writing, *Computers and Composition*, 11, pp. 217-226.
- Sharples, M., Clutterbuck, A., Goodlet, J. (1994) A Comparison of Algorithms for Hypertext Notes Network Linearization, *International Journal of Human-Computer Studies*, 40, pp. 727 - 752.
- Teather, B.A., Sharples, M., Jeffery, N., Teather, D., du Boulay, B. (1994) Statistical Modelling and Structured Image Description for Intelligent Tutoring in MR Imaging of the Head, *Rivista di Neuroradiologia*, 7, pp. 29-35.
- Sharples, M. & Bruce, B. (1996) Collaborative Writing and Technological Change: Implications for Writing Practice and System Design, *Computer Supported Cooperative Work*, 3, 3-4, pp. 225-228.
- Teather, B., Jeffery, N., Teather, C., du Boulay, G.H., Sharples, M., du Boulay, B. (1996) 'MEDIATE' - for Learning, Teaching and Diagnostic Help with MRI of the Brain. *Radiology UK, Supplement to Vol. 69 of the British Journal of Radiology*, p. 223.
- Sharples, M. (1997) Storytelling by Computer, *Digital Creativity*, Vol. 8, No. 1, pp. 20-29.
- Garlatti, S. & Sharples, M. (1998) The Use of a Computerized Brain Atlas to Support Knowledge-based Training in Radiology, *Artificial Intelligence in Medicine*, 13, 181-205.
- Sharples, M. (1999) Electronic Publication: Writing for the Screen. *Journal of Adolescent and Adult Literacy*, 43, 2, pp. 2-5. (Also available online at [http://www.readingonline.org/electronic/jaal/10-99\\_Column.html](http://www.readingonline.org/electronic/jaal/10-99_Column.html))
- Teather, D., Teather, B. A., Jeffery, N. P., du Boulay, G. H., du Boulay, B., & Sharples, M. (2000). Statistical Based Support for Uncertainty in Radiological Diagnosis. *Methods of Information in Medicine*, 39, 1-6.
- Sharples, M. (2000) The Design of Personal Mobile Technologies for Lifelong Learning. *Computers and Education*, 34, 177-193.
- Sharples, M., Jeffery, N.P., du Boulay, B., Teather, B.A, Teather, D. and du Boulay, G.H. (2000) Structured Computer-based Training in the Interpretation of Neuroradiological Images. *International Journal of Medical Informatics*, 60, 3, pp. 263-280.
- Pérez y Pérez, R. & Sharples, M. (2001) MEXICA: a computer model of a cognitive account of creative writing. *Journal of Experimental & Theoretical Artificial Intelligence*, 13, pp. 119-139.
- Sharples, M., Jeffery, N., du Boulay, J.B.H., Teather, D., Teather, B., and du Boulay, G.H. (2002) Socio-cognitive engineering: a methodology for the design of human-centred technology. *European Journal of Operational Research* 136, 2, pp. 310-323.



- Masterman, E. and Sharples, M. (2002) A theory-informed framework for designing software to support reasoning about causation in history. *Computers and Education*, 38, pp. 165-185.
- Sharples, M., Corlett, D. and Westmancott, O. (2002) The Design and Implementation of a Mobile Learning Resource. *Personal and Ubiquitous Computing*, 6, pp. 220-234.]
- Sharples, M. (2002) Disruptive Devices: Mobile Technology for Conversational Learning. *International Journal of Continuing Engineering Education and Lifelong Learning*, 12, 5/6, pp. 504-520.
- Sharples, M., Davison, L., Thomas, G.V., Rudman, P. D. (2003) Children as Photographers: an Analysis of Children's Photographic Behaviour and Intentions at Three Age Levels, *Visual Communication*, 2, 3, pp. 303-330.
- Hoppe, H.U., Joiner, R., Milrad, M and Sharples, M. (2003) Guest editorial: Wireless and Mobile Technology In Education, *Journal of Computer Assisted Learning*, 19, 3, pp. 255-259.
- Sharples, M. and Beale, R. (2003) A technical review of mobile computational devices, *Journal of Computer Assisted Learning*, 19, 3, pp. 392-395.
- du Boulay, G.H., Teather, D., Teather, B., du Boulay, B., Sharples, M., Jeffery, N., Hinkley, L., Whitcombe, E. (2003) Computer discrimination between diseases of the brain based on MR image features, *Rivista di Neuroradiologica*, 16, 957-960.
- Pérez y Pérez, R. and Sharples, M. (2004) Three Computer-Based Models of Storytelling: BRUTUS, MINSTREL and MEXICA. *Knowledge-Based Systems*, 17, 1, pp. 15-29.
- Corlett, D., Sharples, M., Chan, T., Bull, S. (2005) Evaluation of a Mobile Learning Organiser for University Students, *Journal of Computer Assisted Learning*, 21, pp. 162-170.
- Roschelle, J., Sharples, M., & Chan, T.W. (2005) Introduction to the special issue on wireless and mobile technologies in education, *Journal of Computer Assisted Learning*, 21,3, pp. 159-161.
- Taylor, J., Sharples, M., O'Malley, C., Vavoula, G., & Waycott, J. (2006) Towards a Task Model for Mobile Learning: a Dialectical Approach. *International Journal of Learning Technology*, 2, 2/3, 138 - 158.
- Chan, T-W., Roschelle, J., Hsi, S., Kinshuk, Sharples, M. and 16 others (2006) One-to-one Technology Enhanced Learning: An Opportunity for Global Research Collaboration. *Research and Practice in Technology Enhanced Learning*, 1,1 pp. 3-29.
- Hwang, W., Wang, C. & Sharples, M. (2007) A Study of Multimedia Annotation of Web-Based Materials. *Computers & Education*, 48, 4, 680-699.
- Vavoula, G.N. & Sharples, M. (2007) Future Technology Workshop: A collaborative method for the design of new learning technologies and activities. *International Journal of Computer Supported Collaborative Learning*, 2,4, 393-419.
- Sharples, M. (2007) Introduction to Special Issue of JCAL on Mobile Learning, *Journal of Computer-Assisted Learning*, 23, 4, 283-284.
- Kukulska-Hulme, A., Sharples, M., Milrad, M., Arnedillo-Sánchez, I. & Vavoula, G. (2009) Innovation in Mobile Learning: a European Perspective. *International Journal of Mobile and Blended Learning*, 1,1, 13-35.
- Sharples, M., Graber, R., Harrison, C. & Logan, K. (2009) E-Safety and Web2.0 for children aged 11-16. *Journal of Computer-Assisted Learning*, 25, 70-84.
- Vavoula, G., Sharples, M., Rudman, P., Meek, J., & Lonsdale, P. (2009) Myartspace: Design and evaluation of support for learning with multimedia phones between classrooms and museums. *Computers and Education*, 53, 2, 286-299. Available at <http://dx.doi.org/10.1016/j.compedu.2009.02.007>.
- Vavoula, G. & Sharples, M. (2009) Meeting the Challenges in Evaluating Mobile Learning: a 3-level Evaluation Framework. *International Journal of Mobile and Blended Learning*, 1,2, 54-75.
- Kukulska-Hulme, A. & Sharples, M. (2009) Editorial, Special Issue on Mobile and Contextual Learning. *ALT-J*, 17, 3, 159-160.
- Vavoula, G. & Sharples, M. (2009) Lifelong Learning Organisers: Requirements for tools for supporting episodic and semantic learning. *Educational Technology & Society*, 12, 3, 82-97.

- Sharples, M. & Roschelle, J. (2010) Guest Editorial, Special section on Mobile and Ubiquitous Technologies for Learning. *IEEE Transactions on Learning Technologies*, 3,1, 4-6.
- Anastopoulou, S., Sharples, M. & Baber, C. (2011). An evaluation of multimodal interactions while learning science concepts. *British Journal of Educational Technology*, 42,2, 266-290.
- FitzGerald, E., Sharples, M., Jones, R., & Priestnall, G. (2011) Guidelines for the design of location-based audio for mobile learning. *International Journal of Mobile and Blended Learning*, 3, 4, 70-85.
- Mulholland, P., Anastopoulou, S., Collins, T., Feisst, M., Gaved, M., Kerawalla, L., Paxton, M., Scanlon, E., Sharples, M. and Wright, M. (2011) nQuire: Technological support for personal inquiry learning. *IEEE Transactions on Learning Technologies*, 5,2, 157-169.
- Anastopoulou, A., Sharples, M., Ainsworth, S., Crook, C., O'Malley, C. & Wright, M. (2012) Creating personal meaning through technology-supported science learning across formal and informal settings. *International Journal of Science Education*, 34,2, 251-273.
- Lally, V., Sharples, M., Bertram, N., Masters, S., Norton, B., Tracy, F. (2012) Researching the Ethical Dimensions of Mobile, Ubiquitous, and Immersive Technology Enhanced Learning (MUITEL) in Informal Settings: a thematic review and dialogue. *Interactive Learning Environments*, 20 (3), 217-238.
- Barthel, R., Ainsworth, S. & Sharples, M. (2012) Collaborative Knowledge Building with Shared Video Representations. *International Journal of Human Computer Studies*, 71 (1), 59-75.
- McCabe, S., Sharples, M. & Foster, C. (2012) Stakeholder Engagement in the Design of Scenarios of Technology-enhanced Tourism Services. *Tourism Management Perspectives*, 4, 36-44.
- Fisher, T., Pemberton, R., Sharples, M., Ogata, H., Uosaki, N., Edmonds, P., Hull, A., Tschorn, P. (2012) Incidental second language vocabulary learning from reading novels: a comparison of three mobile modes. *International Journal of Mobile and Blended Learning*, 4,4, 47-61.
- Meek, S., Priestnall, G., Sharples, M. & Goulding, J. (2013) Mobile capture of remote points of interest using line of sight modelling. *Computers and Geosciences*, 52, 334-344.
- Sharples, M. (2013). Shared Orchestration Within and Beyond the Classroom. *Computers & Education*, 69, 504-506.
- Sharples, M. (2013). Mobile learning: Research, practice and challenges (In Chinese, J. Xiao, Trans.). *Distance Education in China*, 3:5-11, 44. Also reprinted as Sharples, M. (2013). Mobile Learning: Research, Practice and Challenges (In Chinese, trans. J. Xiao). *Adult Education*, 9, pp. 28-35.
- Sharples, M. & Specht, M. (2013). Guest Editorial Preface, Special Issue from the 11<sup>th</sup> World Conference on Mobile and Contextual Learning. *International Journal of Mobile and Blended Learning*, 5,4,iv-vi.
- Kong, S. C., Chan, T.-W., Griffin, P., Hoppe, U., Huang, R., Kinshuk, Looi, C. K., Milrad, M., Norris, C., Nussbaum, M., Sharples, M., So, W. M. W., Soloway, E., & Yu, S. (2014). E-learning in School Education in the Coming 10 Years for Developing 21st Century Skills: Critical Research Issues and Policy Implications. *Educational Technology & Society*, 17 (1), 70-78.
- Hoare, D. J., Van Labeke, N., McCormack, A., Sereda, M., Smith, S., Al Taher, H., Kowalkowski, V., Sharples, M., & Hall, D. (2014) Gameplay as a Source of Intrinsic Motivation in a Randomized Controlled Trial of Auditory Training for Tinnitus. *PLoS ONE*, 9(9): e107430.
- Sharples, M., Scanlon, E., Ainsworth, S., Anastopoulou, S., Collins, T., Crook, C., Jones, A., Kerawalla, L., Littleton, K., Mulholland, P. & O'Malley, C. (2015). Personal Inquiry: Orchestrating Science Investigations Within and Beyond the Classroom. *Journal of the Learning Sciences*, 2 (2), 308-341.
- Roy, A. & Sharples, M. (2015) Mobile Game Based Learning: Can it enhance learning of marginalized peer educators? *International Journal of Mobile and Blended Learning*, 7 (1), 1-13.
- Sharples, M., Delgado Kloos, C., Dimitriadis, Y., Garlatti, S., & Specht, M. (2015) Mobile and Accessible Learning for MOOCs. *Journal of Interactive Media in Education*, 2015 (1). Available online at <http://doi.org/10.5334/jime.ai>
- Ferguson, R., Sharples, M. & Beale, R. (forthcoming). MOOCs and Blended Learning: Opportunities and Issues for Higher Education. To be published in *Open Education Research (China)*.

- Sharples, M., Aristeidou, M., Villasclaras-Fernández, E., Herodotou, C., Scanlon, E. (2017) Sense-it: A Smartphone Toolkit for Citizen Inquiry Learning. *International Journal of Mobile and Blended Learning*, 9, 2, 16-38.
- Aristeidou, M., Scanlon, E., and Sharples, M. (2017). Profiles of engagement in online communities of citizen science participation. *Computers in Human Behavior*, 74, 246–256.
- Herodotou, C., Aristeidou, M., Sharples, M., Scanlon, E. (2018). Designing citizen science tools for learning: Lessons learnt from the iterative development of nQuire. *Research and Practice in Technology Enhanced Learning*, 13,4.
- Cross, S.J., Sharples, M., Healing, G., Ellis, J. (submitted). Unpacking the ‘Anywhere’ in Anytime Anywhere Learning: study spaces, handheld learning activities, and the seamless mobile learner. Paper submitted to International Review of Research in Online and Distributed Learning.
- Priestnall, G., FitzGerald, E., Meek, S., Sharples, M. & Polmear, G. (2019). Augmenting the landscape scene: students as participatory evaluators of mobile geospatial technologies. *Journal of Geography in Higher Education*. XXXX

### **Papers published in refereed conference proceedings**

- Sharples, M. (1981) A Computer-based Teaching Scheme for Creative Writing, in R. Lewis & D. Tagg (eds.), *Computers and Education*, North Holland, pp. 617-622.
- Sharples, M. (1982) An Evaluation of the CYCLOPS Telewriting Systems for Distance Teaching of Open University Students, *Proceedings of the Teleconferencing and Interactive Media Conference, May 1982*, University of Wisconsin Extension, 7 pp.
- Sharples, M. (1984) Phrasebooks and Boxes: Microworlds for Language, in K. Duncan & D. Harris (eds.), *Computers in Education*, Elsevier, pp. 617-622.
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## Recent invited keynote presentations

- 2005                      Keynote presentation on “Mobile Contextual, Ambient: A Future for learning in the mobile world”, Handheld Learning 2005 conference, London.
- Invited presentation on “Mobile Learning” to British Telecom/ National Natural Science Foundation of China Workshop on E-Learning and Emerging Technologies, Shanghai Jiaotong University (by videoconference).
- Invited presentation on “A Review of Mobile Learning” to National College for School Leadership.
- Invited presentation on “Informal Mobile Learning”. Online Educa conference, Berlin.
- 2006                      Invited presentation on “Mobile Learning” at Kaleidoscope Network Symposium on “Collaborative learning, inquiry learning, mobile learning and their synergy”, AERA Annual Meeting, San Francisco.
- Invited Keynote Presentation on “Big Issues in Mobile Learning”, IADIS International Conference on Mobile Learning, Dublin.
- Invited plenary panel member, mLearn 2006, World Conference on Mobile Learning, Banff, Canada.
- Invited presentation on “Mobile Learning - Big Issues and Future Educational Requirements”, Sharp Labs Europe
- 2007                      Invited presentation on “Children as Photographers”, Institute of Education, London

Invited presentation on “A theory of learning for the mobile age”, Beyond Distance Research Alliance, University of Leicester

Invited presentation on “Big Issues in Technology Enhanced Learning”, Learning Societies Lab, University of Southampton

Keynote presentation on “Big Issues in Mobile Learning”, EdTEch 2007 conference, Dublin

Keynote presentation on “Learning Technologies: What Works, What Next” at Becta Research Conference, London

Invited presentation on “Ambient Learning” at IT Futures conference, Edinburgh

2008 British Educational Suppliers Association (BESA) invited keynote speaker, “Disruptive Mobile Learning”, BETT 2008 conference, London

Invited keynote presentation on “Big Issues in Mobile Learning”, IMCL 2008 conference, Amman Jordan

Invited presentation on “Disruptive Mobile Learning”, University of Durham

Invited keynote presentation on “Disruptive Mobile Learning” at e-Learning Summit, Nottingham

Invited speaker on “Re-imagining teaching for 21st Century learners”, Handheld Learning Conference, London

Invited presentation on “A Theory of Learning for the Mobile Age”, University of Exeter

Invited keynote presentation on “1:1@many Learning”, ICCE 2008 conference, Taiwan.

2008 Invited presentation on “From CYCLOPS to Smart Meeting Pro: Thirty years of telewriting, with a few diversions in between” at the 30<sup>th</sup> anniversary meeting of the Open University CAL research group.

2009 Invited presentation on “A Theory of Learning for the Mobile Age”, CNRS Summer School on Mobile Learning, Brest

Invited presentation on “Context in Mobile Learning”, Open University of the Netherlands, Heerlen, Netherlands.

Keynote presentation on “Towards an Interdisciplinary Design Science of Learning” at EC-TEL conference, Cannes, France.

Keynote presentation on “Flexible Mobile Learning” at Multimedia Information and Technology Group conference, Birmingham, UK.

Invited presentation on “A Theory of Learning for the Mobile Age”, Early Researchers Workshop, Wolverhampton.

Keynote presentation on “Learning at Large”, mLearn 2009 conference, Orlando, Florida

Keynote presentation on “Personal Inquiry - Supporting Inquiry Science Learning with Mobile Technology”, International Conference in Technology Enhanced Learning, Mexico City, Mexico

2010 Invited presentation on “MLearning Insights: Challenges and Solutions”. Mlearncon, San Diego, US.

Invited presentation on “Museum Learning Between Physical and Conceptual Spaces”, DREAM Centre summit, Copenhagen.

Keynote presentation on “Designing Learning: Towards a Scalable Interdisciplinary Design Science of Learning”, JISC CETIS conference.

2011 Invited presentation on “Personal Inquiry Learning” at BETT 2011.

Invited keynote presentation on “Phone CALL: Incidental Language Learning with Mobile Technologies”, EUROCALL 2011 conference, Nottingham.

Invited keynote presentation “Innovation in Mobile Learning: An International Perspective”, mLearn 2011 conference, Beijing, China.

Invited keynote presentation, “Virtual Worlds from lab to field: Learning about landscape through high fidelity virtual models”, Innovative Educational Research in Virtual Worlds conference, Coventry.

Invited keynote presentation, “Navigating the Future of Education”, JISC online research conference

2012 Public lecture ‘Computer-mediated inquiry learning across formal and informal settings’, University of Southern Denmark

Invited keynote presentation on ‘Disruptive Devices: new pedagogies for mobile technology’ at 9<sup>th</sup> Intel Education Summit, Stockholm

Invited keynote presentation on ‘Personal Inquiry and Citizen Science Engaging Children in Scientific Investigations’ at ASET 2012 international conference on science education, Taipei, Taiwan.

2013 Invited keynote presentation on ‘Disruptive Devices: new pedagogies for mobile technology’, Naace Strategic Annual Conference – Learning without Limits, Leicester.

Invited keynote presentation on ‘Mobile Learning’ at the Technologies for Learning symposium, The Peter Wallenberg Foundation and the Universities of Helsinki, Lund and Stanford.

Invited keynote presentation on ‘Innovating Pedagogy’ at the Political Studies Association and British International Studies Association Learning and Teaching Conference, London.

Invited seminar presentation on ‘OpenScience: A new Perspective on Distance Education and Inquiry Learning’ at Moscow State University.

Invited keynote presentation on ‘A Social Approach to Online Learning’ at Universities Association for Lifelong Learning annual conference, London.

2014 Invited keynote talk on ‘Designing Massive-Scale Social Learning’, e-Madrid, Spain.

Invited workshop on ‘Citizen Science’ at British Science Association Communications Conference.

Invited keynote presentation on ‘Innovating pedagogy: futures for teaching, learning and assessment in higher education’ at HEA Social Sciences annual learning and teaching conference, Birmingham.

Invited keynote presentation on ‘Innovating Pedagogy: new modes of teaching, learning and assessment’ at Irish Learning Technology Association conference, Dublin.

Invited keynote presentation on ‘Open Learning – a Brilliant Idea, Extended’ at European Access Network annual conference, Edinburgh.

Invited keynote talk on ‘Massive and Sustainable – Two Challenges for Mobile Learning’, 13<sup>th</sup> World Conference on Mobile and Contextual Learning, Istanbul, Turkey.

Invited keynote talk on ‘Open Learning at Massive Scale’, International Conference on Web and Open Access to Learning (ICWOAL), Dubai, United Arab Emirates.

2015

Invited keynote presentation on ‘Social Learning at Massive Scale’, Research and Innovation in Distance and eLearning conference (RIDE2015), London.

Invited keynote presentation on ‘Massive Open Social Learning’ at the Irish National MOOC Symposium, Dublin.

Invited member of panel session on “Social Learning”, EMOOCs 2015 conference

Invited keynote presentation on “The changing Landscape of Technology Enhanced Learning”, Birmingham conference on Technology Enhanced Learning, organized by University of Birmingham and NHS West Midlands.

Invited keynote presentation on “Massive, open, global, blended: shaping the future of learning with technology”, annual meeting of Royal College of Surgeons of Ireland, Dublin.

Invited presentation on “Wonder Rooms: Museums and Creative Inquiry”, International research conference on Museum Communication, Danish Royal Academy of Sciences and Letters, Copenhagen.

Invited keynote presentation, “Social Learning at Massive Scale”, Learning with MOOCs conference, New York.

Invited keynote presentation, “Strengthening the MOOCs Model: A Long-term Future for MOOCs” at Franco-British meeting on MOOCs organized by French Embassy, London.

2016

Invited keynote presentation, “Innovative Pedagogy at Scale: Social Learning and Citizen Inquiry”, Learning@Scale Conference, Edinburgh.

Invited keynote presentation, “Innovating Pedagogy: Transforming teaching, learning and assessment in Higher Education”, International Conference on University Teaching and Innovation, Barcelona, Spain.

Invited keynote presentation, “Language Learning at Massive Scale”, ChinaCALL conference, Qingdao, China.

2017

Invited keynote presentation, “Educational innovation: uses of technologies to learn”, International Colloquium on Educational Innovation and Academic Agency, Mexico City, Mexico.

Invited keynote presentation, “Social Learning at Massive Scale”, International Conference on Open and Innovative Education, Hong Kong.

Invited keynote presentation, “Innovating pedagogy and futures for higher education”, National Conference on Innovation in Flexible Learning, Lillehammer, Norway.

Invited keynote presentation, “New directions in personalized learning: Open, informal, social”, International Conference on Computers and Education, Canterbury, New Zealand.

2018

Invited keynote presentation, “Pedagogy of FutureLearn: How our learners learn”, SmartLearning conference, Copenhagen, Denmark.

## **Major partnerships with organisations**

Microsoft: Funding for programme of e-learning research at the University of Birmingham; University of Birmingham appointed 'Microsoft European Reference Site for Research in Mobile Learning'; MA3D scheme for free access to software for staff and students; STAR travel award for postgraduate travel to conferences.

Sharp Labs Europe: Funding of L-Mo project on the design of mobile language learning. Funding for evaluation of mobile technology for language learning. EPSRC CASE studentship. KTP project on Connected Classrooms.

Hewlett Packard: HP philanthropy grant to University of Birmingham and the Business and Public Policy Schools of equipment to investigate student mobile learning. HP Technology in Higher Education Grant to University of Nottingham for Applied Mobile Technology Initiative.

IBM Ease of Use Group, Warwick: Joint development of socio-cognitive engineering methodology; teaching by IBM staff on MSc course. Partner in Research Council proposals.

Nokia: Partner in MOBIlearn project; donation of mobile technology; videoconference meetings with company research staff. Donation of equipment and funding to LSRI.

Cisco: partnership related to the design of innovative learning spaces.

FutureLearn: Academic Lead (60% secondment, December 2012 – November 2014; 40% secondment December 2014 – November 2015; 20% secondment December 2016 – November 2017).

Samsung: Joint presentation at BETT 2014 show on mobile devices in schools.

Educational Appstore Ltd: Academic consultant.

UNESCO: Consultancy for UNSECO mobile learning initiative, including keynote at UNSECO international Mobile Learning Week, Paris, and contribution to 'Future of Mobile Learning' report, 2011

OECD: Member of OECD Innovative Pedagogies for Pedagogical Learning (IPPL) expert panel to inform policy makers, teachers and researchers on innovations in teaching and learning, 2016-17.

## Major Positions Held

- 1994 – 2004 Member of the editorial board of *Computers and Composition*
- 1997 – 1999 Member of editorial board of *Digital Creativity*.
- 2002 onwards Member of Editorial Board of *Journal of Computer Assisted Learning*
- 2002 onwards Member of Review Panel of *British Journal of Educational Technology*
- 2002 Conference Organiser, MLEARN 2002, *European Workshop on Mobile Learning*, Birmingham
- 2002 onwards Founder and member of the Steering Committee of the mLearn world conference series on mobile learning.
- 2003 Member, DfES/EPSRC/ESRC strategy group on UK e-learning research
- 2003 Member of conference programme committee, mLearn 2003, *European Conference on Mobile Learning*, London
- 2004 Co-chair, MLEARN 2004, *European Conference on Mobile Learning*, Bracciano, Italy
- 2005 Programme Co-chair, WMTE 2005, *International Workshop on Wireless and Mobile Technologies in Education*
- Member of International Review Panel, mLearn 2005, *World Conference on Mobile Learning*, Cape Town, South Africa
- Member of Organising Committee, CSCL 2005 conference, Taipei, Taiwan.
- Member of Program Committee, ICALT, IEEE International Conference on Advanced Learning Technologies, Kaohsiung, Taiwan
- 2006 Member of Program Committee, mLearn 2006, *World Conference on Mobile Learning*, Banff, Canada.
- Member of the International Programme Committee of WMUTE, *4th International Workshop on Wireless, Mobile and Ubiquitous Technologies in Education*
- Member of Programme Committee, *IADIS Mobile Learning conference*
- 2006 - 2012 Member of Research Committee, *Association of Learning Technology*
- 2007 Co-Chair *ALT-C* (Conference of the Association of Learning Technology), Nottingham
- Member of International Reference Panel, *mLearn 2007*, Melbourne, Australia
- Member of Advisory Group, *Handheld Learning Conference*, London
- 2008 Director, National Biomedical Research Unit in Hearing
- Member of International Reference Panel, *mLearn 2008*, Wolverhampton, UK
- Member of Programme Committee, *IADIS Mobile Learning 2008*, Porto, Portugal
- Member of Research Community Advisory Committee, *ICCE 2008*, International Conference on Computers and Education, Taipei, Taiwan
- Member of Advisory Group, *Handheld Learning Conference*, London
- Member of IMCL 2008, *International Conference on Interactive Mobile and Computer-based Learning*, Amman, Jordan
- Member of Programme Committee, *WMUTE 2008*, Fifth International Conference on Wireless, Mobile, and Ubiquitous Technologies in Education, Beijing, China
- 2009 Member of Programme Committee, *IADIS 2009*, International Conference on Mobile Learning, Porto, Portugal
- 2009 onwards Member of the Editorial Board of *Journal of the Learning Sciences*.

Member of International Reference Panel, *mLearn 2009*, Orlando, Florida, USA  
Member of Programme Committee, *AIED 2009*, 14th International Conference on Artificial Intelligence in Education

Member of Programme Committee, *EC-TEL 2009*, European Conference on Technology-Enhanced Learning, Nice, France

Member of Advisory Group, *Handheld Learning Conference*, London

2009 - 2018 Associate Editor, *IEEE Transactions on Learning Technologies*

2010 Member of International Reference Panel, *mLearn 2010*, Malta.

Member of Programme Committee, *IADIS International conference on Mobile Learning*, Porto, Portugal

Member of Programme committee, *WMUTE 2010*, Sixth IEEE International Conference on Wireless, Mobile and Ubiquitous Technologies in Education, Kaohsiung, Taiwan

Member of Programme Committee, *EC-TEL 2010*, European Conference on Technology-Enhanced Learning, Barcelona, Spain

2011 Member of Programme Committee, *EC-TEL 2011*, European Conference on Technology-Enhanced Learning, Palermo, Italy

Member of Programme Committee, *mLearn 2011*, Beijing, China

2011-2013 Visiting Professor, DREAM Centre, University of Southern Denmark, Odense, and Roskilde University

2013- Associate Editor in Chief, *IEEE Transactions on Learning Technologies*  
Academic Lead, FutureLearn

2014- Invited member of Dagstuhl Perspectives Workshop on "Massively open online courses, current state and perspectives", Dagstuhl, Germany

## University Positions

2000-2004 Member, Academic Board

Chair, Taught Postgraduate Committee

Member e-Learning Strategy Committee

2006 - 2010 Member e-Learning/e-Knowledge Strategy Committee

Member Regional Development Committee

2011 - Lead, Next Generation Distance Learning Programme

2013 Member, MOOCs Advisory Committee

Lead, Innovating Pedagogy IET portfolio

2015 - 2017 Academic Lead, Minerva strategic development project to investigate and promote innovation in methods of production and pedagogies for OU modules and courses.

## Service on Advisory Panels

2004 - 14 Member, EPSRC Peer Review College

2003-5 Member EPSRC/ESRC strategy group for UK research programme in Technology Enhanced Learning

2005 Member National Genetics Education and Development Centre Advisory Board

2006	Member of DfES advisory panel on Web 2.0 technologies for education. Member of Steering Committee , UK Computing Research Committee, Grand Challenges for Computer Research: “Learning for Life”
2006 - 15	Member of advisory panel of Swiss Education Ministry Dual-T ‘Leading House’ research programme on vocational education
2007 - 10	Member, Becta Research Advisory Committee Member, Association for Learning Technology Research Committee
2010 - 14	Member, ESRC Peer Review College
2012	Member, Scottish ICT in Education Excellence Group
2013	Member, Scottish ICT in Education Reference Group
2017 -	Member JISC Senior Technology Enhanced Learning working group
2018	External advisor Education University of Hong Kong
2018	External advisor, RMIT, Melbourne

### Membership of Societies

1989 onwards	Member of the <i>Society for the Study of Artificial Intelligence and Simulation of Behaviour</i> (Committee member from 1989–1991)
1991 – 1995	Committee member of UK Special Interest Group on Computer Supported Collaborative Work
1991 – 2005	Founder and Committee member of <i>Writing and Computers Association</i>
1990 onwards	Member of the <i>Society of Authors</i>
2003 onwards	Fellow, The <i>Royal Society for the Encouragement of Arts, Manufactures &amp; Commerce</i> (RSA).
2008 – 2010	Founding President, <i>International Association for Mobile Learning</i>
2016 -	Senior Member <i>IEEE Computer Society</i>

### Postgraduate Supervision

1989 – 1993	Full-time DPhil student: Alexandre Direne Thesis title: <i>Methodology and Tools for Designing Concept Tutoring System</i> . DPhil awarded 1993.
1990 – 1994	Full-time DPhil student: Eevi Beck Thesis title: <i>Practices of Collaboration in Writing and their Support</i> . DPhil awarded 1994.
1991 – 2000	Part-time DPhil student Ian Cullimore Thesis submitted: <i>An Analysis and Implementation of Informal Human-Computer Interaction</i>
1991 – 1995	Full-time DPhil student Ulysses de Oliveira (co-supervisor) Thesis title: <i>Individualising Instruction with Concept Maps in Intelligent Tutoring Systems</i> . DPhil awarded 1996.
1991 – 1995	Full-time DPhil student Sadhana Puntebeckar (co-supervisor)



- Thesis title: *Training Meta-cognitive Skills in Studying from Texts*.  
DPhil awarded 1995.
- 1993 – 1999 Full-time DPhil student Rafael Perez y Perez  
Thesis title: *MEXICA: A Computer Model for Creativity in Writing*.  
Dphil awarded 1999.
- 1998 – 2006 Part-time PhD student Julia Meek  
Research area: *Evaluation of Computer-assisted Learning*  
PhD awarded 2006.
- 1998 – 2004 Full-time PhD student Elizabeth Masterman  
Thesis title: *Representation, Mediation, Conversation: Integrating Sociocultural and Cognitive Perspectives in the Design of a Learning Technology Artefact for Reasoning about Historical Causation*. PhD awarded 2004.
- 1998 – 2004 Full time PhD student, Giasemi Vavoula  
Thesis title: *KLEOS: A Knowledge and Learning Organisation System in Support of Lifelong Learning*. PhD awarded 2004.
- 1998 – Full time PhD student, Evi Chryssafidou  
Research area: *Computer Support for Learning Argumentation in Writing*.
- 1999 – 2003 Full-time PhD student Mary Ulicsak, co-supervised with Prof. H. Daniels, Education Research area, *A Study of Educational Technology as a Tool to Support Collaborative Working*. PhD awarded 2003.
- 1999 – 2005 Full-time PhD student Paul Rudman  
Research area, *The Social and Group Interaction Implications of Implementing a Personal Learning Resource*  
PhD awarded 2005.
- 2000 – Co-supervisor, part-time PhD student Sariyah Binsaleh, with Dr William Edmondson, Computer Science  
Research area, *The Design of an Authoring System for Intelligent Tutoring*
- 2001 – Full-time PhD student, Tony Chan  
Research area, *Computer Support for Mobile Learning*
- 2003 – Co-supervisor, part-time PhD student, Peter Lonsdale.  
Research area, *Design and evaluation of mobile games to support active and reflective learning outdoors*
- 2004 – Part-time PhD student, Patricia Thornton-Houser. Research area: *An Analysis of the Role of Technology in Long-Term Language Learning Projects*
- 2005 – Principal supervisor, full-time PhD student, Jitti Niramitranon. *Orchestrating Learning in a One to One Technology Classroom*.
- Principal supervisor, part-time PhD student, Riad Saba. *Virtual Reality in Language Education*
- 2006 – 2011 Co-supervisor, full-time PhD student, Ralph Barthel. *Collaborative Knowledge Building through Multi-Path Video Creation*.
- 2007 – Co-supervisor, full-time PhD student, Anupama Roy. *Mobile Learning for Health Promotion and HIV/AIDS Prevention, in Relation to the Males having Sex with Males Community in India*.

- Co-supervisor, full-time PhD student, Matthew McFall. *Wonder Learning; Magic, Puzzle & Game as Tools for Learning.*
- 2009- Co-supervisor, full-time PhD student, Thomas Sweeney. *Design and evaluation of mixed-reality technologies for second language learning.*
- 2010 - Co-supervisor, full-time PhD student, Rob Jones. *Using literary linguistics to enhance interactive narratives.*
- Co-supervisor, full-time PhD student, Sam Meek. *How can in field modelling techniques improve reflection and learning?*
- 2011 - 2012 Co-supervisor, part-time PhD student, Claudia Igbrude.
- 2012 - Lead supervisor, full-time PhD student, Maria Aristeidou
- Lead supervisor, full-time PhD student, Adam Oliver
- 2013 - Co-supervisor, full-time PhD student, Inge de Waard

### **Recent Course teaching**

- 2002/3 BEng module: *Scientific and Engineering Principles and Methods*  
 MEng module: *Human Centred Technology, Interactive Systems*  
 MSc module: *Interactive Systems Design and Evaluation*  
 MSc course: *Methods of Socio-Cognitive Engineering*  
 BEng and MEng project supervision
- 2003/4 MEng module: *Human Centred Technology, Interactive Systems*  
 MSc module: *Interactive Systems Design and Evaluation*  
 MSc course: *Methods of Socio-Cognitive Engineering*
- 2005/6 onwards MA Module: *Mobile Learning*

### **Recent External Examining and Assessment**

- 2000 – 2003 External Examiner, MSc/PgDp in Information Technology and Intelligent Systems, and PgDip/MSc in Information Technology, University of Aberdeen
- 2001 External examiner, PhD thesis, Judy Robertson, University of Edinburgh
- 2002 Internal examiner, PhD thesis, Lee Cooper, University of Birmingham
- External examiner, PhD thesis, Angela Trikić, University of Lancaster
- External examiner, PhD thesis, Victor Bayon, University of Nottingham
- 2003 External examiner, PhD thesis, Blay Whitby, Middlesex University
- External examiner, PhD thesis, Jennifer Waycott, The Open University
- External examiner, PhD thesis, Gustavo Zurita, Pontificia Universidad, Catolica de Chile

2006 External examiner, PhD thesis, Mairghread McLundie, University of Glasgow  
External examiner, PhD thesis, Anna Trifonova, Universita' degli Studi di Trento, Italy  
External examiner, PhD thesis, Nicolas Nova, École Polytechnique Fédérale de Lausanne  
External examiner, PhD thesis, Sanaz Fallahkhair, University of Brighton

2008 External examiner, PhD thesis, Fatma El-Sayed Meawad, University of Glamorgan.

2009 External examiner, PhD thesis, Juliet Sprake, University College London

2010 – 2013 External examiner, MSc Technology and Learning, Trinity College Dublin  
External examiner, PhD thesis, Yishay Mor, Institute of Education, London

2011 External examiner, PhD thesis, Tim de Jong, Open University of the Netherlands  
External examiner, PhD thesis, Ryan Butler, Queen's University, Belfast  
External examiner, PhD thesis, Teemu Laine, University of Eastern Finland

2013 External examiner, PhD Thesis, Jo Wake, University of Bergen  
External examiner, MSc Technology and Learning, Trinity College Dublin

2014 External examiner, PhD thesis, Peter Ilic, University of Exeter

2015 External examiner, PhD thesis, Jessica Frawley, University of Technology, Sydney