

Curriculum Vitae

Professor Allison Littlejohn

1983-86 **PhD** Chemistry, University of Strathclyde

1979-83 **BSc (Hons)** Chemistry, University of Strathclyde

2000- **Fellowship** UK Higher Education Academy

Director, Caledonian Academy, Glasgow Caledonian University, UK Jun 2006-ongoing
Founding Director of a pioneering initiative advancing transformational change in learning through the integration of research and development. The Academy comprises 16 academic and admin. staff (annual budget £1m PA). As Senior Manager I lead a range of strategically targeted research and organisational development projects; direct a high-quality, accredited professional programme; advance practice by encouraging scholarship; lead scoping studies to provide an evidence base for development; formulate and report against agreed performance measures; and form strategic partnerships. My research leadership is focused around direction of a range of externally-funded research projects in Technology Enhanced Learning, supporting submission to the RAE. As Shell Senior Researcher I lead a prestigious industry-academia research partnership with Shell Learning, developing leading-edge approaches to work related learning. International standing is evidenced through regular invitations to collaborate with organisations, including ESRC, the HEA, ALT, the Scottish Funding Council and UK Government Organisations; the Carrick Institute & ASCILITE (Australia) and Universities in Europe, America, Australia & Asia. I established a new book series in Technology Enhanced Learning for Routledge and am series co-editor.

Chair in Learning Technology, University of Dundee, UK Apr 2005- Jun 2006

I established the International Centre for Research on Learning at the University of Dundee to lead international research in learning, leadership and technology. The Institute played a strategic role in extending capacity in research and scholarship in Education. I participated within the University of the Highlands and Islands Academic Council and acted as advisor to several national and international initiatives. I led the UK Higher Education Academy national forum on Supporting Sustainable eLearning 2002-2005. I was awarded the first ASCILITE travelling Fellowship to universities across New Zealand, Australia and in Hong Kong.

Senior Lecturer, University of Strathclyde, UK Feb 1997- Mar 2005

My role was to lead research and professional development in Technology Enhanced Learning. I established and led a research group by securing external funding and recruiting key research staff. In 1999-2005 over £2.5 million was secured in collaboration with a range of national and international partners, making significant contribution to the University's research rating. I published an international text on *Reusing Online Resources* (Routledge) and Chaired an international forum on Supporting Sustainable eLearning (SSeLF) for the UK Higher Education Academy (2002 to 2006).

Educational Consultant, University of Northern Colorado, USA Aug 1996 - Feb 1997

I directed a team of educational developers in the research and development of reusable learning resources for Science Education, funded by the US National Science Foundation.

Educational Consultant, Engineering, University of Glasgow, UK Jan 1996- Jul 1996

Led development of new approaches to Engineering Education, using web-based simulations.

Churchill Fellowship, USA Jun 1995- Oct 1995

Discussion/development of ideas in education with colleagues at six leading US universities.

Lecturer, Thurso College, University of the Highlands & Islands, UK Apr 1992-Jun 1995

Advanced Technology Enhanced Learning across the college/ UHI through developing electronic learning resources, winning the *BT Beacon Award for distance learning* (1995). Responsible for teaching, educational development, assessment and quality assurance.

Senior Research Fellowships, University of Glasgow and Strathclyde UK 1986-92

Senior researcher across two multidisciplinary projects funded by the Medical Research Council & US Navy. Research advancing contraceptive technologies was featured in *Nature*.

1. Recent contributions to the field

1.1 Leading transformational change learning in Higher Education

As founding Director of the Caledonian Academy at Glasgow Caledonian University, my role is to lead and coordinate all professional and educational development activities as well as research in education across the University. The Academy was formed in 2006 as a focal point for learning innovation. Its mission is to lead transformational change in learning through integration of leading-edge research with development, in line with the University's strategy.

Learning enhancement across the University is being driven through partnerships of Academy staff with colleagues in the Academic Schools and Support Units. Outputs from leading-edge research are being embedded in practice through a range of research studies linked to development initiatives. These initiatives include a scholars programme, driving strategic change within the Academic Schools; an accredited professional development programme, aligned with the University's promotions scheme; and a transformational change programme comprising integrated action-research initiatives focused on key strategic areas of progression, employability and learner autonomy. The Academy plays an active role in shaping the strategic direction, through scoping exercises related to the University's Learning, Teaching & Assessment Strategy, contributing to the development of appropriate response.

The Academy comprises 16 academic and administrative staff working in partnership with seconded scholars within the Academic Schools. The budget for 2008/09 is around £1m. The significance of the Academy is recognised internationally, evidenced through regular invitations to work with national and international organisations and present keynotes (see 'achievements at a glance' and 'presentation'). www.academy.gcal.ac.uk

1.2 Leading a major industry- academia partnership

As Shell Senior Researcher I lead a prestigious action-research partnership between Glasgow Caledonian University and Shell Learning (Shell International BV) to investigate innovative and dynamic approaches to technology-enhanced learning. The partnership was formed in January 2008 aiming to develop approaches and tools to support self-directed learning in the workplace. The partnership is being extended through a) co-ordination of two submissions to the EU Framework 7 Programme integrating the work of 10 partners from several European countries; b) development of an international Masters Programme in Learning Innovation integrating ideas from the public, private and education sectors; c) establishment of a Blended Learning Certification programme to ensure Shell staff can use the Shell Open University Learning Environment (Moodle) d) an Accelerated Talent Exchange, supporting knowledge flow in the use of Second Life, online games and simulations for learning; and e) establishment of industry-academia based PhDs. www.academy.gcal.ac.uk/calshell/

1.3 Leading research in technology enhanced learning

I lead a team of Academy-based researchers contributing to knowledge in these key of strategic importance to the University, taking forward research and extending the University's reputation. Research expertise has contributed to the University's first submission to the Education panel of the RAE (level 2). Research is action-focused, linking blue skies thinking with pragmatic changes in real learning and teaching situations. Having established research groups in three UK Universities I have experience in research in Technology Enhanced Learning, having secured funding from a range of funding bodies, directed, managed and delivered high-quality research.

1.4 Contributing to the field through international books and book series

Taylor and Francis invited me to establish a new, international book series, 'Connecting with eLearning' providing relevant guides for academics worldwide, featuring practical, accessible advice that draws on recent research. In the same year I co-authored a text, Preparing for Blended eLearning (A. Littlejohn and C. Pegler, Routledge, London, 2007). In 2003 I published Reusing Online Resources: a Sustainable Approach to eLearning. The book includes contributions from some of the most distinguished scholars in the field and has had significant impact on international research in this area, receiving favourable reviews.

Achievements and awards at a glance

2008

- Appointed as Shell Senior Researcher to lead an industry-academia partnership;
- Participated in the ESRC/ TEL expert panel. (UK);
- Advisor to the Australian Carrick Institute, Australia;
- Keynote at JISC Design for Learning, Birmingham and Learn@Work, Glasgow;

2007

- Established and launched a book series in Technology Enhanced Learning for Routledge¹;
- Published 'Preparing for Blended eLearning' (Routledge, 2007);
- Chaired review panel Hong Kong Institute of Education, Centre for Learning, Teaching & Tech.;
- Shortlisted for the board of British Educational Technology Association (BECTA) by UK Gov. DfES;
- Invited by the UK Higher Education Academy to join the 'Pathfinder' Initiative moderation panel;
- Guest co-editor to the Journal of Computer Aided Learning;
- Outstanding Paper award, EdMedia Conference, Vancouver, Canada;
- Keynotes at EdMedia, Vancouver, Canada and SOLSTICE, Edgehill University, UK.
- International expert advising the Carrick Institute, Australia;

2006

- Established the Caledonian Academy, Glasgow Caledonian University;
- Member of national committees including the Quality Assurance Agency research-teaching committee and Universities Scotland Heads of Education Development (SHED);
- Invited by the UK Economic and Social Research Council (ESRC) as an evaluator;
- Keynote speaker at the Carrick Institute ThinkTank, Melbourne, Australia.

2005

- Established International Centre for Research on Learning at the University of Dundee
- Awarded ASCILITE International Fellowship leading 25 public seminars, debates and events at the Universities of Auckland and Wellington, Sydney , Wollongong, Queensland Institute of Technology), the Royal Melbourne Institute of Technology & the institute of Education, Hong Kong;
- Member of the Academic Council, University of the Highlands and Islands(2005-07);
- External examiner, University of Southampton Faculty of Education (2005-07);
- Founding member of the Association for Learning Technology Research Committee;
- Invited member of the organising committee for the ALT-SURF ALT Spring Conference, Reflective learning, future thinking, Dublin, Ireland (April 2005);
- Keynotes at ASCILITE (Brisbane, Australia), Association of Information Technology for Teacher Education Conference (Dundee, UK) and University of Highlands & Islands(UK).

2004

- Chair of ALT - SURF Spring Conference, Living & learning: ePortfolios & Repositories, Edinburgh, Association for Learning Technology (UK), SURF Foundation (Netherlands)²;
- Visiting Scholar to the US Government Advanced Distributed Learning Initiative, University of Wisconsin-Madison;
- Co-founder and panel member of the UK Heads of eLearning Forum (HeLF);
- Chair of the National Forum of Supporting Sustainable eLearning for the UK Higher Education Academy 2002-2006 (Co-chair in 2006);
- Keynotes at Universities of Edinburgh, Paisley and Brighton.

2003

- Published major, international text on sustainable e-learning, Reusing Online Resources;
- Guest editor of the Journal Interactive Media in Education www.jime.open.ac.uk/2003/1/
- Invited by the British Council as a Visiting Scholar to Hanyang University, Seoul, Korea;
- Member of JISC JORUM steering group and JISC ePedagogy experts group (2003-05);
- Commissioned by JISC and the Higher Education Academy to write a Guide and InfoKit.

1997- 2002

- Established CELT Research Group at the University of Strathclyde, UK (2000);
- Scholarship from the UK Institute for Learning and Teaching Generic Centre (2002);
- Reviewer for impact rated technology journals BJET and JCAL³ (2000-2007);
- Invited as committee member for the ALT Events Committee and co-editor of ALT-N (2002-2005);
- Keynote at COMET Conference, Edgehill University College, UK (2001);
- Commended presentation award, ALT-C, Edinburgh, UK (2001);
- Invited on the editorial board of the Association for Learning Technology Journal (1999);
- Established the first accredited course in Web Based Learning in Scottish HE(1997);
- BT Beacon Award for distance learning (1995) and runner-up Award for HE (1997);
- Developed the first eLearning course accredited by the Scottish awards agency

¹ Connecting with eLearning series, Routledge, London

² www.alt.ac.uk/conference_detail.php?id=129

³ British Journal for Educational Technology and Journal for Computer Aided Learning

Appendix 1: Publications

Books

LITTLEJOHN, A.H. and Pegler, C. (May 2007) *Planning for blended learning*, Routledge, London ISBN 978-0-415-40361-0

LITTLEJOHN, A.H. (Ed) (2003) *Reusing Online Resources: A Sustainable Approach to eLearning*, Routledge, London, ISBN 0749439505

Book Chapters and policy publications

Falconer, I, and Littlejohn, A. "Representing models of practice" (2008), (L. Lockyer, S. Bennet, S. Agostinho, and B. Harper (eds) *Handbook of Research on Learning Design and Learning Objects*, Idea Group ISBN-13: 978-1599048611

LITTLEJOHN, A.H. Cook, J., Campbell, L., Sclater, N., Currier, S. and Davies, H. (2006) *Managing Educational Resources*, Chapter 9, *Contemporary perspectives in e-learning research* (Eds Conole, G and Oliver, M), pp134-147, Routledge: London ISBN978-0-415-39394-2

Conole, G., Oliver, M., Falconer, I., LITTLEJOHN, A, & Harvey , J (2006) 'Designing for learning' in, Conole, G. and Oliver, M. (Eds). *Learning Technologies - Multiple Perspectives on an Emerging Field*. Oxford: Routledge

LITTLEJOHN, A.H., (2005) *Key issues in the design and delivery of learning and teaching*, Chapter 5, *Developing the new learning environment: the changing role of the academic librarian*, (Eds Levy, P. and Roberts, S.), Routledge, London

LITTLEJOHN, A.H., and Nicol, D.J. (2005) *Supporting interdisciplinary studies using learning technologies*, *Interdisciplinary Learning and Teaching: Theory and Practice in Contemporary Higher Education* (Eds Chandramohan, B and Fellows, S)

LITTLEJOHN, A.H., (2003) *Issues in reusing online resources*, Chapter 1, *Reusing Online Resources: A Sustainable Approach to eLearning*, (Ed. Littlejohn, A.), Kogan Page, London, pp 1-8 ISBN 0749439491

LITTLEJOHN, A.H., (2003) *An incremental approach to staff development in the reuse of learning resources*, Chapter 17, *Reusing Online Resources: A Sustainable Approach to eLearning*, (Ed. Littlejohn, A.), Kogan Page, London, pp 221-233 ISBN 0749439491

LITTLEJOHN, A.H., and Peacock, S (2003), Chapter 6: *From Pioneers to Partners: the changing voices of staff developers*, in *Learning Technology in Transition: from individual enthusiasm to institutional implementation* (Ed Jane Seale), pp 77-90, Swets and Zeitlinger, Lisse Netherlands ISBN 90 265 1963 x

LITTLEJOHN, A.H., Jung, I. and Broumley, E. (2003) *A comparison of issues in the reuse of resources in schools and colleges*, Chapter 16, *Reusing Online Resources: A Sustainable Approach to eLearning*, (Ed. Littlejohn, A.), Kogan Page, London, pp 212-220 ISBN 0749439491

LITTLEJOHN, A.H., and Higgison, C. (2003), *eLearning Guide for Teachers in Higher Education*, Learning and Teaching Support Network Publications

LITTLEJOHN, A.H., Calverley, G., Corley, C., Watson, B, Creanor, C and Jenkins, M (2004), *Making connections: British perspectives on learning technology developments in Netherlands Higher Education* (Eds Riachi, R and Roberts, G.), Association for Learning Technology Publications, Oxford, England ISBN 0-9545870-2-2

ALT and SURF, ePortfolios and Digital Repositories, Report of the ALT-SURF Seminar (Eds Riachi, R. and Cordewener, B.), 22 and 23 April 2004, University of Edinburgh (Chair Allison Littlejohn), Association for Learning Technology publications, Oxford, England

Peer reviewed journal articles

LITTLEJOHN, A., I. Falconer & L. McGill (2008) 'Characterising effective eLearning resources, *Computers & Education* (2006), doi:10.1016/j.compedu.2006.08.004

Normand, C., Littlejohn, A & Falconer, I. (2008) 'A model for flexible programme delivery', *Innovation in Education and Teaching International*

Margaryan, A., Littlejohn, A., and Volgt, G, (submitted) Exploring students' use of ICT and expectations of learning methods, *British Education Research Journal (BERJ)*.

Margaryan, A., & Littlejohn, A. (2008). Repositories and communities at cross-purposes: Issues in sharing and reuse of digital learning resources. *Journal of Computer Assisted Learning (JCAL)*, 24(4), 333-347.

Falconer, I., and Littlejohn, A. (2007) 'Designing for blended learning, sharing and reuse', *Journal of Further and Higher Education*, Volume 31, Issue 1, February 2007, pages 41 - 52

Littlejohn, A., & Margaryan, A. (2006). Cultural issues in the sharing and reuse of resources for learning. *Research and Practice in Technology-Enhanced Learning*, 1(3), 269-284.

McGill, L., Nicol, D.J, LITTLEJOHN, A.H. and Greirson, H. (2005). "Creating an information-rich learning environment to enhance design student learning: challenges and approaches." *British Journal of Educational Technology* 36(4): 629-642

Nicol, D.J., LITTLEJOHN, A.H. and Grierson, H. (2005) *The importance of structuring information and resources within shared workspaces during collaborative design learning*, *Open Learning: The Journal of Open and Distance Learning*, Vol. 20, No. 1, February 2005, pp. 31–49 ISSN 0268–0513 (print) ISSN 1469–9958

LITTLEJOHN, A.H., (2003), *Supporting Sustainable eLearning*, Association for Learning Technology Journal (ALT-J), 11.3, pp 70-88 ISSN:0968-7769

LITTLEJOHN, A.H., (2003) *Encouraging the sharing and reuse of eLearning resources*, *Journal of Media and Technology for Human Resource Development* 14.1, pp55-64, ISSN 0791-1848

LITTLEJOHN, A.H., (2003) *Issues in Reusing Online Resources*, *Journal of Interactive Media in Education: Special Edition on Reusing Online Resources* (Eds Allison Littlejohn and Simon Buckingham-Shum), April 203 (1) ISSN:1365-893X

LITTLEJOHN, A.H., (2002) *New lessons from past experiences: recommendations for improving continuing professional development in the use of ICT*, *Journal of Computer Aided Learning*, 18.2, 166-174

LITTLEJOHN, A.H., Campbell, L.M., Tizard, J. and Smith, A., (2003) *From pilot project to strategic development: scaling up staff support in the use of ICT for teaching and learning*, *Journal of Further and Higher Education*, 27 (1), 47-52 ISBN 1469-9486

LITTLEJOHN, A.H., Suckling, C.J., Campbell, L.M. and McNicol, D., (2002) *The Amazingly Patient Tutor: Students' Interactions with an Online Carbohydrate Chemistry Course*, *British Journal of Educational Technology (BJET)* 33.3, 313-322

CAMPBELL, L.M., Littlejohn, A.H. and Duncan, C, (2001) Share and share alike: Encouraging the re-use of academic resources through the Scottish electronic Staff

Development Library, Association of Learning Technologies Journal (ALT-J), 9.2, 28-38 ISSN 0968-7769

Creanor, L. and LITTLEJOHN, A.H., (2000) *Preparing for Online Learning and Teaching: A Cross-Institutional Approach to Staff Development in Internet Communication*, Journal of Computer Assisted Learning, Vol. 16, No. 3 ISSN 0266-4909

STEFANI, L.A.J., Clarke, J. and Littlejohn, A.H., (2000) *Developing A Student Centred Approach to Reflecting on Learning Innovations*, Education and Training International, 37(2), pp163-171 ISSN 1355-8005

LITTLEJOHN, A.H. and Stefani, L.A.J., (1999) *Effective Use of Communication and Information Technology: Bridging the Skills Gap*, Association of Learning Technologies Journal (ALT-J), 7.2, pp66-76 ISSN 0968-7769

LITTLEJOHN, A.H. and Sclater, N. (1999) *The Virtual University as a Conceptual Model for Faculty Change and Innovation*, Journal of Interactive Learning Environments, 7(2&3), pp209-226, ISSN 1049-4820

LITTLEJOHN, A.H. and Cameron, S., (1999) *Supporting Strategic Cultural Change: the Strathclyde Learning Technology Initiative as a model*, Association of Learning Technologies Journal (ALTJ), 7.3, pp64-75 ISSN: 0968-7769

LITTLEJOHN, A.H., Stefani, L.J. and Sclater, N. (1999) *Effective Use of Technology, the Pedagogy and the Practicalities: A Case Study*, Active Learning, 11, pp27 - 30 ISSN 1357-1125

LITTLEJOHN, A.H. and Macrosson, W.K., (1999) *Web Authoring: Transferable Skills for Graduates of the Future, Industry and Higher Education*, 13(4), pp277-281 ISSN 0950-4222

REEVES, D. and Littlejohn, A.H., *Virtual Reality as a Tool in Community Participation*, Town & Country Planning, 68(5), pp162-163 (1999) ISSN 0040-9960

LITTLEJOHN, A.H., Badcock, K., Baldwin, A., Watt, R. and Robb, M. (1996) *A Friendly Introduction to Fluid Dynamics on the Web*, Active Learning, 5, pp26-30, ISSN 1357-1125

Lapthorn, A.J., Harris, D.C., LITTLEJOHN, A.H., Lustbader, J.W., Cranfield, R.E., and Isaacs, N.W., (1994) *Crystal Structure of Human Chorionic Gonadotropin*, Nature, 369, p455

Adam, D., Freer, A.A., Isaacs, N.W., Kirby, G.W., LITTLEJOHN, A.H., Rahman, M.S., (1992) *Synthesis of a Thiashikamate Acid Derivative*, Journal of the Chemical Society, Perkins Transactions, p1261

Harris, D.C., LITTLEJOHN, A.H., Isaacs, N.W. and Lustbader, J.W., (1992) *The Structure Determination of Human Chorionic Gonadotropin*, Journal of the Endocrine Society, 14, p1478

Gillespie, K., LITTLEJOHN, A., Roberts, K.J., Sheen, D.B. and Sherwood, J.N., (1989) *An Environmental Facility for Synchrotron Radiation Topography*, Review of Scientific Instruments, 60:(7) 24, 98-2501, Part2b

Gallagher, H.G., LITTLEJOHN, A.H., Sheen, D.B and Sherwood, J.S., (1987) *A Comparative Study of Anisotropy in Knoop Hardness of Calcite and Sodium Nitrate Single Crystals, Crystal Lattice Defects and Amorphous Materials*, 16: 1-4, 137 -143

LITTLEJOHN, A.H., Sherwood, J.S. and Sheen, D.B., (1985) *Material Science Monograph, Reactions of Solids 28B*, p707

Publications in conference proceedings

Margaryan, A., Nicol, D., Littlejohn, A, & Trinder, K. (2008). Students' use of digital technologies to support formal and informal learning. *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications*

Margaryan, A. and LITTLEJOHN, A. (25th June, 2007) *Cultural dimensions of learning object repositories*. Outstanding Paper Award, EDMEDIA 2007 Conference, Vancouver, Canada.

Margaryan, A, & Littlejohn, A. (2007). Communities at cross-purposes: Contradictions in the views of stakeholders of learning object repository systems. In Proceedings of Australasian Society for Computers in Learning in Tertiary Education (ASCILITE) 2007 Conference (pp. 624-635). <http://www.ascilite.org.au/conferences/singapore07/procs/margaryan.pdf>

Trinder, K, Littlejohn, A. , Margaryan, A, Nicol, D, . Guiller, J. (October 2007) Learning from Digital Natives: Integrating Formal and Informal Learning, Handheld Learning, London, uk <http://www.handheldlearning2007.com/pages/programme.php>

LITTLEJOHN, A., & Margaryan, A. (30 March, 2006). *Communities of exchange: Issues in sharing digital learning resources for art, and design education*. Paper presented at the Learning and Teaching with Technology in Art Design and Communication online conference, 27-30 March, 2006. www.designsonlinelearning.net/index.php?section=1&item=2

Oliver, R & LITTLEJOHN, A.H. (27th March, 2006) Discovering and describing accessible and reusable learning designs for higher education. Paper presented at JISC Innovating e-Learning Conference 2006 www.jisc.ac.uk/elp_conference06.html

LITTLEJOHN, A. (14th March 2006) Community Dimensions of Learning Object Repositories, JISC Conference 2006, Birmingham, England www.jisc.ac.uk/index.cfm?name=conf06_home

Margaryan, A., LITTLEJOHN, A., & Nicol, D. (2006, 11 April). *Community dimensions of learning object repositories*. Paper presented at the Networked Learning 2006 Conference, 10-12 April, Lancaster, UK.

Greirson, H., Nicol, D., LITTLEJOHN, A.H. and Woodhouse, A., Structuring and Sharing Information Resources to support Concept Development and Design Learning, Proceedings of Networked Learning, University of Lancaster, England, April 2004

LITTLEJOHN, A.H., Supporting Sustainable eLearning: a UK national Forum, Proceedings of ASCILITE, Adelaide, Australia (December 2003)

LITTLEJOHN, A.H., Integrating Real and Virtual Learning Spaces, Proceedings of ASCILITE, Adelaide, Australia (December 2003)

LITTLEJOHN, A.H. and Campbell, L.M., Two approaches to enable the sharing and reuse of resources across institutions, Proceedings of EdMedia2002, AACE, Denver, Colorado, USA (July 2002)

McAteer, E., LITTLEJOHN, A.H. , Peacock, S., Juwah, C., Bates, D., Bruce, S., Grounding Staff Development for Networked Learning Environments, Proceedings of Networked Learning, University of Sheffield, England (Eds., Banks, S., Goodyear, P., Hodgson, V. and McConnel, D.), 438-442 (April 2002) ISBN0902831410

LITTLEJOHN, A.H. and Grierson, H., Embedding Information and Communication Technologies into the 21st Century Curriculum, Proceedings of Computers in Art & Design Education Conference, Glasgow School of Art Press 199-202 (April 2001) ISBN0901904821

Creanor, L and LITTLEJOHN, A.H., Collaboration and communication: staff development for teaching and learning online, International Conference for Computers in Education, Taipei, Taiwan November 2000 ISBN: 957-02-7006-3

LITTLEJOHN, A.H. Supporting the millennium teacher: faculty development in the use of information and communications technologies, Proceedings of EdMedia 2000, Association for the Advancement of Computers in Education, Montreal, Canada, 1394-1395, (July 2000) ISBN 1-880095-35-5

LITTLEJOHN, A.H., Unravelling the Web: The Accreditation of Web Based Teaching, Proceedings of EdMedia99, Association for the Advancement of Computers in Education, Seattle, USA, 1885-1887, (July 1999) ISBN 1-880095-35-5

LITTLEJOHN, A.H. and Sclater, N., Overcoming Conceptual Barriers to the Use of Internet Technology in University Education, Proceedings of WebNet98, Association for the Advancement of Computers in Education, Orlando, Florida, USA, 586-590, (November 1998) ISBN 1-880094-31-2

Harris, D.C., Isaacs, N.W., LITTLEJOHN, A.H. and Lustbader, J.W., *The Structure Determination of Human Chorionic Gonadotropin*, 13th European Crystallographic Conference, Trieste, Italy, August 1991

Harris, D.C., Isaacs, N.W., LITTLEJOHN, A.H. and Lustbader, J.W., *The Structure Determination of Human Chorionic Gonadotropin*, British Crystallographic Association, BSG12, University of Sheffield, March 1991

LITTLEJOHN, A.H., Sheen, D.B. and Sherwood, J.N., *The Effects of Radiation on the Reactivity of Solid Propellants*, Proceedings of Science and Engineering Research Council Conference, Daresbury, England, 1986

Short articles

Margaryan, A., & LITTLEJOHN, A. (March 2006). Community dimensions of learning object repositories. *D-Lib*, www.dlib.org/bonnie/march06/03inbrief.html#LITTLEJOHN

LITTLEJOHN, A.H., (Feb 2004), From Learning Objects to Learning Design, Exchange Magazine, Learning and Teaching Support Network Publications

Place, E., Smith, P. and LITTLEJOHN, A.H., (April 2003), The RDN Virtual Training Suite: a simple, off-the-shelf solution for improving students' information literacy, ALT-N 41, Association for Learning Technology Publications

LITTLEJOHN, A.H. and Campbell, L.M. (May 2002), Two approaches to enable the sharing and reuse of resources across institutions, ALT-N 37, Association for Learning Technology Publications

LITTLEJOHN, A.H., Improving Students' Personal Effectiveness, Prism, Strathclyde University (Oct 2002)

LITTLEJOHN, A.H., The eLearning revolution: Myth or Reality, Survey of student attitudes to eLearning, for the Times Higher Educational Supplement (September 2001)

LITTLEJOHN, A.H. and Stefani, L.A.J., (1998) *Back to the Future Learning Society*, Active Learning, 7, v-vi, ISSN 1357-1125

Appendix 2: Presentations

Invited keynotes/presentations

LITTLEJOHN, A.H., Keynote, Collective Use of Learning Resources, JISC Conference: Using Learning Resources, Aston Business School, Birmingham, UK January 14th 2008

LITTLEJOHN, A.H., Keynote, Blended Learning at Work, Learn @ Work Conference, Glasgow Caledonian University, Glasgow, UK September 2007

LITTLEJOHN, A.H., Keynote, Challenging or conforming: the art of blended e-learning, EdMedia, American Association for Computers in Education (AACE), Vancouver, Canada, 27th June 2007

LITTLEJOHN, A.H., Keynote, SOLSTICE Conference, Edge Hill College, UK, 11th May 2007

LITTLEJOHN, A.H., Keynote, Blended eLearning, Connecting with eLearning Launch Event, Open University, Milton Keynes, April 2007

LITTLEJOHN, A.H. and Oliver, R., Keynote; Community Dimension of Learning Object repositories, JISC Online Conference on ePedagogy, 29th March 2006

LITTLEJOHN, A.H.; Community Dimension of Learning Object repositories, JISC Annual Conference, Birmingham Convention Centre, March 2006

LITTLEJOHN, A.H. Keynote; Communities of exchange: issues in sharing digital learning resources for art, and design education, Art, communication and design education, online conference (March 27th, 2006)

LITTLEJOHN, A.H., Keynote; Community Dimension of Learning Object repositories, ASCILITE Conference, QUT, Brisbane, Australia, 5th December 2005

LITTLEJOHN, A.H., Keynote; Resources for courses: strategies for digital fluency, Association of Information Technology for Teacher Education, University of Dundee, Scotland, UK, July 2005

LITTLEJOHN, A.H., Keynote; Digital Fluency, the University of Highlands and Islands Annual Conference, Aviemore, Scotland, UK, June 2005

LITTLEJOHN, A.H., Keynote; Flexible Use of Virtual Learning Environments, Teaching and Learning Conference, Enhancement into Practice: Employability and Flexibility, University of Paisley, Scotland, UK, Sept 14th 2004

LITTLEJOHN, A.H., Keynote; What's the problem? Enhancing Learning and Teaching with ICT, University of Edinburgh eCPD Conference, February 24th, 2004

LITTLEJOHN, A.H., Keynote; Flexible Learning, eLearning Conference, University of Sussex, Brighton, England, UK, Nov 24th 2004

LITTLEJOHN, A.H., Keynote: Making the Curriculum Accessible, COMET Conference: Communicating and Managing through the Educational Application of Technologies, Edge Hill College, England, 21st June 2001

LITTLEJOHN, A.H., ASCILITE invited public seminar; Tools of the trade: help or hindrance? University of Auckland, New Zealand, November 2005

LITTLEJOHN, A.H., Reusing Online Resources, British Council Seminar Invited Presentation, Department of Educational Technology, Hanyang University, Seoul, Korea, December 15th, 2003 (Chair: Prof Sungho Kwon)

LITTLEJOHN, A.H., Society for Research in Higher Education, Invited Presentation; Reusing Online Resources, Society for Research into Higher Education Conference, University of Strathclyde, January 22nd 2004 (Chair Prof Heather Eggins)

LITTLEJOHN, A.H., HEDG Invited Presentation; Reusing Online Resources, Heads of Educational Development Groups Conference, City University, London, England, November 7th, 2003

LITTLEJOHN, A.H., HEA Invited Presentation; Reusing Online Resources Teaching Quality Enhancement Fund Conference, University of Nottingham, England, Nov 4th, 2003

LITTLEJOHN, A.H., DfES Invited Presentation; Response to the DfES eLearning Strategy Consultation: a support perspective, CETIS Pedagogy Forum, Birkbeck College, London 20th Oct 2003

LITTLEJOHN, A.H., ADL Invited Presentation; Advanced Distributed Learning (ADL) Summit, University of Wisconsin, Madison, WI, USA, October 2003

LITTLEJOHN, A.H., Invited presentation; Integrating real and virtual learning spaces: the new renaissance? Virtual Learning Environment Conference, University of Bristol 14th July 2003

Conference presentations

Littlejohn, A and Margaryan, A (2007) Communities at cross-purposes: Contradictions in the views of stakeholders of learning object repository systems. Australasian Society for Computers in Learning in Tertiary Education (ASCILITE) Conference , Singapore <http://www.ascilite.org.au/conferences/singapore07/procs/margaryan.pdf>

Margaryan, A., LITTLEJOHN, A.H. and Nicol, D., Networked Learning Conference, University of Lancaster, England, April 2006

Falconer, I, Conole, G., Jefferey, A. and LITTLEJOHN, A.H. Networked Learning Conference, University of Lancaster, England, April 2006

Littlejohn, A.H and Nicol, D. Learning from digital natives: integrating formal and informal learning using technology, Association for Learning Technology Conference, University of Manchester, September 2005

Littlejohn, A.H., Enhancing reflective practice, Education Conference, University of Dundee, June 2005

Littlejohn, A.H. and McGill, L., Using knowledge structures to enhance reflective practice, ALT-SURF Spring Conference, Trinity College, Dublin, Eire, April 2005

Rees-Jones, P. , LITTLEJOHN, Nicol, D. and Veuglers, M , ePortfolios and Digital Repositories: an international perspective, ALT-C, University of Exeter, England, September 2004 www.alt.ac.uk

Greirson, H., LITTLEJOHN, A.H., Ridy, K. and Longmuir, A. , Digital Libraries in the Classroom, Association for Learning Technology Conference, ALT-C, University of Exeter, England, September 2004 www.alt.ac.uk

Littlejohn, A.H., Students' use of digital repositories, Supporting eLearning Higher Education Academy Forum, University of Central England, Preston, England, May 2004

Greirson, H., Nicol, D., LITTLEJOHN, A.H. and Wodehouse, A., Structuring and Sharing Information Resources to support Concept Development and Design Learning, Networked Learning Conference, University of Lancaster, England, April 2004

LITTLEJOHN, A.H., Supporting Sustainable eLearning: a UK national Forum, ASCILITE Conference, Adelaide, Australia, December 2003

LITTLEJOHN, A.H., Integrating Real and Virtual Learning Spaces, ASCILITE Conference, Adelaide, Australia, December 2003

Riddy, P., Calverley, G., LITTLEJOHN, A.H. and Duncan, C. Find me a learning Object, Association for Learning Technology Conference (ALT-C2003), University of Sheffield, England, September, 2003

LITTLEJOHN, A.H. and Corley, L. Making Connections: Learning Technology Standards, Association for Learning Technology Conference (ALT-C2003), University of Sheffield, England, September, 2003

LITTLEJOHN, A.H., and Campbell, L.M., Multiple approaches to sharing and reuse of resources for staff development, Association for Learning Technologies Spring Conference: E-content, Sheffield Hallam University, England, April 2002

Juwah, C., PEACOCK, S., Littlejohn, A.H., McAteer, E., Bates, D., Bruce, S., Supporting Staff Development in the Use of C&IT: From Needs Analysis to Implementation in the ELICIT Project, Staff in Educational Development Association (SEDA) Conference, Dublin, April 2002

McAteer, E and LITTLEJOHN, A.H. Grounding staff development for networked learning environments, Networked Learning 2002, University of Sheffield, March 2002

LITTLEJOHN, A.H and Peacock, S., Bringing It Together: Joining the Joined-Up Initiatives through Roundtables, Association for Learning Technology Conference Workshop (ALT-C2001), Queen Margaret University College, 13th September 2001 (commended)

LITTLEJOHN, A.H., Peacock, S., McAteer, E., Juwah, C., Bates, D., Bruce, S., ELICIT: Preparing staff for the changing learning environment, Association for Learning Technology Conference Workshop (ALT-C2001), University of Edinburgh, September 2001 (Highly commended)

LITTLEJOHN, A.H., Supporting academics in rethinking online teaching and learning, International Conference on Communication, Problem-Solving and Learning, University of Strathclyde, Glasgow, 19th June 2001

Campbell, L.M., LITTLEJOHN, A. and Duncan, C., Share and share alike: encouraging the reuse of academic resources through the Scottish electronic Staff Development Library, paper, Association for Learning Technology Conference (ALT-C), University of Manchester Institute of Science and Technology, September 2000

Stefani, L. and LITTLEJOHN, A.H., Supporting Reflective Learning: C&IT Possibilities and Potential, SEDA Scotland Conference, Napier University, Edinburgh, June 1999

Stefani, L.A.J. and LITTLEJOHN, A.H., Encouraging Reflective Student Learning: a Case Study, Student Wellbeing in Higher Education conference, University of Glasgow, Sept1998

LITTLEJOHN, A.H. and Cameron, S., Supporting Strategic Cultural Change, Association for Learning Technology Conference(ALT-C), University of Oxford, September 1998

Stefani, L.A.J., LITTLEJOHN, A.H. and Guerra, E., Exploring the Gap between the Concept and the Reality of Using New Technologies in Teaching and Learning, SEDA Conference, University of Southampton, April 1998

LITTLEJOHN, A.H., Badcock, K.J, Baldwin, A., Watt, R.M., Robb, M, Computer Assisted Learning for Fluid Dynamics, Association for Learning Technology Conference (ALT-C), University of Strathclyde, September 1996

Appendix 3: Recent research funding

2008-2010 CalShell Partnership

Leading a prestigious action-research partnership with Shell Learning, investigating innovative and dynamic approaches to Technology Enhanced Learning. The aim is to develop approaches and tools to support self-directed learning in the workplace. In particular, the partnership will explore the role of self-directed learning during transition from education to workplace, focusing on processes and systems that can significantly improve knowledge flow between novices and experts within the organisation. www.academy.gcal.ac.uk/calshell/

2008 Learning Literacies for a Digital Age (LLiDA)

Directing a study funded by JISC (£60K) into learning literacies in UK HE and FE. The study is informing JISC and the wider UK FE and HE communities on learning literacies, how they are evolving, how requirements are changing, and how they may be supported in different contexts. Outcomes are embedded by partner institutions and into JISC InfoNet resources. Recommendations to the JISC will provide a strong foundation for commissioning further work, enabling informed action on the part of HE and FE institutions, and key actors in the e-learning, learning development and libraries communities www.academy.gcal.ac.uk/llida/

2008-2012 RealWorld

Playing a leading role in a Caledonian Academy based, transformational change project in employability, funded by the Scottish Funding Council (£250k). This action-research initiative is supporting the University in meeting strategic targets in employability through encouraging academic schools to embed work-related learning activities into their programmes, use innovative approaches in learning and teaching to enhance students' professional skills and engage with employers www.academy.gcal.ac.uk/realworld/

2008-2011 Moving Forward

Playing a leading role in a Caledonian Academy led, transformational change project in transition and progression and , funded by the Scottish Funding Council (£120k). Strategic aims include improved progression rates , enhanced student transition to university, improved support for staff in developing and implementing strategies to address issues associated with transition and progression. The project is focusing on the importance of learning communities and learner autonomy. www.academy.gcal.ac.uk/movingforward

2005-7 Community Dimensions of Learning Object Repositories (CD-LOR)

Directed this cutting-edge study exploring the social dimensions of a range of flagship repositories. This £250k project was funded through the JISC Repositories Programme, with project partners at the University of Strathclyde and Intrallect with associate partners from five different countries. The outputs are series of testbed solutions to problems encountered by practitioners in using repositories alongside guidelines that are being tested across the UK and Australia, though the Carrick Institute www.academy.gcal.ac.uk/cd-lor/

2006 Models for Learning (Mod4L)

Co-directed this innovative £60k project (with Dr Isobel Falconer) as part of the JISC ePedagogy Programme, with a range of associate partners from the UK and Australia. Mod4L developed a range of practice models that can be used by practitioners in real life contexts and have a high impact on improving teaching and learning practice. Project outputs are influencing future funding decisions through the JISC Design for Learning Programme and are receiving international interest www.academy.gcal.ac.uk/mod4l/

2006 Learning from Digital Natives

Co-directed with Dr Anoush Margaryan in partnership with the University of Strathclyde (£25k). The project is funded by the UK Higher Education Academy to investigate students' use of electronic tools to learn outside formal settings. The project will develop case studies and recommendations on how these e-tools can be harnessed to integrate formal and informal learning, with the view of improving the quality of students' learning. The project findings will be made available in a range of ways for the benefit of higher and further education in the UK and internationally. www.academy.gcal.ac.uk/ldn/

2006 A model for effective implementation of flexible programme delivery

Funded by the Scottish Quality Assurance Agency (£30k) with partners the University of the Highlands and Islands and the University of Dundee. As project Co-director, I led the development of a model for implementation of flexible delivery within Educational institutions. www.enhancementthemes.ac.uk/documents/flexibleDelivery/flexible_delivery_QAA_124.pdf

2005-6 Learning Activity Design in Education (LADIE)

This study developed a reference model for reusable learning activities as part of the JISC eLearning Framework. Project partners include the University of Southampton and Intrallect as well as a series of international associates in Australia, the Netherlands and the US. This cutting-edge work is developing next generation, service based virtual learning environments www.jisc.ac.uk/whatwedo/programmes/elearning_framework/elfref_southhampton.aspx

2005-7 Re-engineering Assessment Practices in Scottish HE

initial co-director of this £1.2m Strathclyde project (prior to taking up a post at another university) funded by the Scottish Higher Education Funding Council, within the e-learning Transformation Programme. This project is re-engineering e-assessment to improve feedback to students during their first year of study. Project partners are the University of Glasgow and Glasgow Caledonian University.

2002-07 Use of digital libraries to support globally distributed design projects (DIDET)

Led an evaluation team investigating the use of digital libraries for collaborative design, involving globally distributed teams of students and tutors. This 5-year project is funded by JISC and the US National Science Foundation (£1m). The collaborating partners are the University of Strathclyde and Stanford University. Issues highlighted by this study include the need for integrated support in information literacy skills, issues in the integration of online/face-to-face interactions and the role of information management in supporting peer assisted learning. www.didet.ac.uk

2003-04 The effective use of Virtual Learning Environments

Commissioned by JISC InfoNet to design and develop electronic resources to encourage academic staff to extend the use of technology beyond that of the 'delivery of content' towards more effective support of learning methods (such as problem based and peer assisted learning). These resources will be disseminated across all UK Further and Higher Education Institutions in December 2004. The project is examining the development of reusable learning objects across a distributed environment – an area of growing importance.

2000-02 The Scottish electronic Staff Development Library (SeSDL)

This pioneering project was funded over two years by SHEFC through the ScotCIT programme, receiving international acclaim. Collaborating partners included the Universities of Edinburgh and Paisley. My role was project management, supporting the bid writing and secure £150,000 in funding that employed two researchers. Evaluation of the entire SHEFC ScotCIT programme revealed this project had a significant impact on staff development programmes and practice across a number of UK institutions and beyond. The electronic library was the prototype for a leading, commercially available digital repository software (www.intrallect.com) www.sesdl.scotcit.ac.uk

2000-02 Enabling Large-scale Institutional implementation of C&IT (ELICIT)

Management role within this 2 year project, securing £125k from the Scottish Higher Education Funding Council (SHEFC) ScotCIT programme. Academic partners included Universities of Napier, Glasgow, Queen Margaret College and Robert Gordon. The project developed novel approaches to staff development through a series of online modular CPD courses for academic staff. These courses focused on the use of C&IT in teaching and learning. An independent, national evaluation funded by SHEFC recently revealed that this approach to staff development and the learning resources themselves have been adopted within a number of accredited programmes across a variety of UK institutions. www.elicit.scotcit.ac.uk