

Integrated References

INTEGRATED REFERENCES

- Abbad, M. M., Morris, D., & De Nahlik, C. (2009). Looking under the bonnet: factors affecting student adoption of e-learning systems in Jordan. *Journal*, 10(2). Retrieved from <http://www.irrodl.org/index.php/irrodl/article/view/596/1232>
- Abdal-Haqq, I. (1995). Infusing technology into preservice teacher education. *Journal*, (ED389699). Retrieved from http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/14/48/1e.pdf
- Aguti, J. N., Banks, F., Downes, T., & Henderikx, P. (2010). *An international evaluation of the SCTE distance education provision*. Potchefstroom: North-West University.
- Aguti, J. N., & Fraser, W. J. (2006). Integration of information communication technologies (ICTs) in the distance education Bachelor of Education Programme, Makerere University, Uganda. *Journal*, 7(3). Retrieved from <http://cees.mak.ac.ug/sites/default/files/publications/Aguti2.pdf>
- Agyei, D. D., & Voogt, J. M. (2011a). Exploring the potential of the will, skill, tool model in Ghana: Predicting prospective and practicing teachers' use of technology. *Computers & Education*, 56(1), 91-100.
- Agyei, D. D., & Voogt, J. M. (2011b). Exploring the potential of the will, skills, tool model in Ghana: predicting prospective and practicing teachers' use of technology. *Computers & Education*, 56(1), 91-100.
- Ally, M. (Ed.). (2009). *Mobile learning: transforming the delivery of education and training*. Edmonton, AB: AU Press.
- Amabile, T., Conti, R., Coon, H., Lazenby, J., & Herron, M. (1996). Assessing the work environment for creativity. *Academy of Management Journal*, 39(5), 1154-1184.
- American Federation of Teachers. (2000). Resolution on teacher education and teacher quality. *Biennial AFT Convention*. Retrieved 29 November, 2009, from <http://archive.aft.org/topics/teacher-quality/>
- Anderson, A. A. (1996). Predictors of computer anxiety and performance in information systems. *Computers in Human Behavior*, 12(1), 61-77.
- Anderson, J., & Van Weert, T. (Eds.). (2002). *Information and communication technology in education: a curriculum for schools and programme of teacher development*. Paris: UNESCO.
- Anderson, R. E. (2008). Implications of the information and knowledge society for education. In J. Voogt & G. Knezek (Eds.), *International Handbook of Information Technology in Primary and Secondary Education* (pp. 3-22). New York: Springer.
- Anderson, T., & Elloumi, F. (2004). Introduction. In T. Anderson & F. Elloumi (Eds.), *Theory and Practice of Online Learning* (pp. xiii-xxiv). Athabasca: Athabasca University.

- Anderson, T., & Garrison, D. R. (1998). Learning in a networked world: new roles and responsibilities. In C. Gibson (Ed.), *Distance Learners in Higher Education: Institutional responses for quality outcomes* (pp. 97-112). Madison, WI: Atwood.
- Anderson, T., Rourke, L., Garrison, D. R., & Archer, W. (2001). Assessing teaching presence in a computer conferencing context. *Journal of Asynchronous Learning Networks*, 5(2), 1-17.
- Argyris, C. (1976). Single-Loop and Double-Loop Models in Research on Decision Making. *Administrative Science Quarterly*, 21(3), 363-375.
- Argyris, C., & Schön, D. (1978). *Organizational learning: A theory of action perspective*. Reading, Mass: Addison Wesley.
- Ascough, R. S. (2002). Designing for Online Distance Education: Putting Pedagogy Before Technology. *Teaching Theology & Religion*, 5(1), 17-29.
- Attwell, G. (2007). The Personal Learning Environments—The Future of eLearning? *Journal*, 2(1). Retrieved from www.elearningeuropa.info/files/media/media11561.pdf
- Bacsich, P. (2008). The national UK universities benchmarking e-learning programme. Retrieved 29 December, 2008, from <http://www.eadtu.nl/conference-2008/Proceedings/QA%20-%20Paul%20Bacsich%20-%20National%20UK%20Universities.pdf>
- Barab, S., & Squire, K. (2004). Design-Based Research: Putting a Stake in the Ground. *The Journal of the Learning Sciences*, 13(1), 1-14.
- Bass, J. M. (2010). *A new ICT maturity model for education institutions in developing countries*. Manchester: Centre for Development Informatics: Institute for Development Policy and Management, SED.
- Bates, A. W. (1997). The impact of technological change on open and distance learning. *Distance Education*, 18(1), 93-109.
- Bateson, G. (1979). *Mind and nature: a necessary unity*. New York: Bantam Books.
- Becta. (2008). *Measuring e-maturity in the FE sector - Final report*.
- Beller, M., & Or, E. (1998). The Crossroads between Lifelong Learning and Information Technology: A Challenge Facing Leading Universities. *Journal*, 4(2). Retrieved from <http://jcmc.indiana.edu/vol4/issue2/beller.html>
- Bennett, R., Chan, L. K., & Polaine, A. (2004). *The future has already happened: dispelling some myths of online education*. Paper presented at the ACUADS 2004. Retrieved 23 July 2009, from http://www.acuads.com.au/conf2004/papers/bennett_chan_polaine.pdf
- Berring, J. (2004). What Is a Case Study and What Is It Good for? *American Political Science Review*, 98(2), 341-354.
- Blignaut, A. S. (2009). Towards a research framework for ICT use in developing contexts. Unpublished Prestige Lecture. North-West University, Potchefstroom Campus.

- Blignaut, A. S., & Els, C. (2009). *Towards a Research Framework for ICT Use in Developing Contexts*. Paper presented at the 6th International Conference on Cybernetics and Information Technologies, Systems and Applications: CITSA 2009. Retrieved 28 Sept. 2009, from <http://www.iis2009.org/imeti/program/html/program-6.htm>
- Blignaut, A. S., Els, C., & Esterhuizen, H. D. (2010, 6-8 September). *NWU ODL Students' Perceptions of their Computer-literacy Competencies: Meeting the Expectations of the e-Education White Paper?* Paper presented at the NADEOSA 2010 Annual Conference.
- Blignaut, A. S., & Lillejord, S. (2005). Lessons from a cross-cultural online learning community. *South African Journal of Higher Education*, 19(Special Issue), 1350-1367.
- Blignaut, S., & Trollip, S. R. (2003). Developing a taxonomy of faculty participation in asynchronous learning environments--an exploratory investigation. [doi: DOI: 10.1016/S0360-1315(03)00033-2]. *Computers & Education*, 41(2), 149-172.
- Blin, F., & Munro, M. (2008). Why hasn't technology disrupted academics' teaching practices understanding resistance to change through the lens of activity theory. [doi: DOI: 10.1016/j.compedu.2007.09.017]. *Computers & Education*, 50(2), 475-490.
- Boeije, H. (2002). A Purposeful Approach to the Constant Comparative Method in the Analysis of Qualitative Interviews. *Quality & Quantity*, 36, 391-409.
- Bridges. (2005). *E-ready for what? E-readiness in developing countries: current status and prospects toward the millennium development goals*. Washington: Bridges.org.
- Buddhamind.com. (s.a.). A list of human emotions. Retrieved 8 December, 2011, from <http://www.buddhamind.info/leftside/actives/drama/key-word.htm>
- Burns, R. P., & Burns, R. (2008). *Business Research Methods and Statistics Using SPSS*. London: SAGE.
- Burrell, G., & Morgan, G. (1979). *Sociological paradigms and organisational analysis: elements of the sociology of coporate life*. Aldershot: Ashgate Publishing.
- Businessballs.com. (2010). Conscious competence learning model: stages of learning--unconscious incompetence to unconscious competence. Retrieved 9 December, 2011, from <http://www.businessballs.com/consciouscompetencelearningmodel.htm>
- Butcher, N., & Wilson-Strydom, M. (2008). Technology and open learning: the potential of open education resources for K-12 education. In J. Voogt & G. Knezek (Eds.), *International Handbook of Information Technology in Primary and Secondary Education* (pp. 725-745). New York: Springer.
- CDE. (2011). South Africa needs thousands more and better teachers every year. Retrieved 15 December, 2011, from <http://www.ngopulse.org/press-release/south-africa-needs-thousands-more-and-better-teachers-every-year>
- Chang, T. F. (2005). *Can emotional design change people's attitude on the web site?* Paper presented at the Fifth IEEE International Conference on Advanced Learning Technologies (ICALT'05). Retrieved 6 May 2011, from <http://ieeexplore.ieee.org.nwulib.nwu.ac.za/stamp/stamp.jsp?tp=&arnumber=1508660>

- Chatterton, P. (2006). *Higher education academy: e-learning benchmarking project*. University of Wales Institute, Cardiff (UWIC), University of Strathclyde, University of Bristol, University of Hertfordshire.
- Chen, J., & Luo, Q. (2006). *Research on e-learning system model based on affective computing* Paper presented at the Computer-Aided Industrial Design and Conceptual Design, 2006. CAIDCD '06. 7th International Conference. Retrieved 12 March 2010, from <http://ieeexplore.ieee.org.nwulib.nwu.ac.za/stamp/stamp.jsp?tp=&arnumber=4127134>
- Christensen, R., & Knezek, G. (2008). Self-report measures and findings for information technology attitudes and competencies. In J. Voogt & G. Knezek (Eds.), *International handbook of information technology in primary and secondary education* (pp. 349-365). New York: Springer.
- Cohen, L., Manion, L., & Morrison, K. (2000). *Research methods in education* (5th ed.). London: Routledge.
- Cohen, L., Manion, L., & Morrison, K. (2011). *Research methods in education* (7th ed.). London: Routledge.
- Conti-Ramsden, G., Durkin, K., & Walker, A. J. (2010). Computer anxiety: a comparison of adolescents with and without a history of specific language impairment (SLI). *Computers & Education*, 54(1), 136-145.
- Cramer, D., & Howitt, D. (2004). *The SAGE dictionary of statistics*. London: SAGE.
- Cresswell, J. W. (2009). *Research design: qualitative, quantitative and mixed methods approaches* (3rd ed.). London: Sage.
- CSIR. (2011, 10 February). *Classroom of the Future*, Pretoria.
- Danaher, P. A., & Umar, A. (2010a). Contemporary research on open and distance learning in teacher education. In P. A. Danaher & A. Umar (Eds.), *Teacher Education through Open and Distance Learning* (pp. 7-21). Vancouver: Commonwealth of Learning.
- Danaher, P. A., & Umar, A. (Eds.). (2010b). *Teacher education through open and distance learning*. Vancouver: Commonwealth of Learning.
- Davis, F. D., Bagozzi, R. P., & Warshaw, P. R. (1989a). User acceptance of computer technology: a comparison of two theoretical models. *Management Science*, 35(8), 982-1003.
- Davis, F. D., Bagozzi, R. P., & Warshaw, P. R. (1989b). User Acceptance of Computer Technology: A Comparison of two Theoretical Models. *Management Science*, 35: , 982-1003.
- Davis, R., & Wong, D. (2007). Conceptualizing and measuring the optimal experience of the eLearning environment. *Decision Sciences Journal of Innovative Education*, 5(1), 97-126.
- De Vos, A. S., Strydom, H., Fouche, C. B., & Delport, C. S. L. (2005). *Research at grassroots for the social science and human service professions* (3rd ed.). Pretoria: Van Schaik.

- Department of Education. (2004). White paper on e-Education: transforming learning and teaching through Information Communication Technologies (ICTs). Retrieved 12 March, 2011, from http://www.capegateway.gov.za/eng/publications/white_papers/2004/93586
- Dictionary.com. (2011). Emotion. Retrieved 30 June, 2011, from <http://dictionary.reference.com/browse/emotion>
- Dirani, K. M., & Yoon, S. W. (2009). Exploring open distance learning at a Jordanian University: A case study. *Journal*, 10(2). Retrieved from <http://www.irrodl.org/index.php/irrodl/article/view/599/1251>
- Dutta, S., & MIA, I. (2011). *The Global Information Technology Report 2010–2011*. Geneva: World Economic Forum and INSEAD.
- Ehlers, U. D., & Schneckenberg, D. (2008, June). *Webucating the Reflective Practitioner towards Competence Development in e-Learning*. Paper presented at the 3rd International scil Congress 2008, St Gallen, Switzerland.
- Ellis, S., & Steyn, H. S. (2003). Practical significance (effect sizes) versus or in combination with statistical significance (p-values). *Management Dynamics*, 12(4), 51-53.
- Elton, L. (1999). New ways of learning in Higher Education: Managing the change. *Tertiary Education and Management*, 5, 207–225.
- Errington, P. E. (2001). The Influence of Teacher Beliefs on Flexible Learning Innovation in Traditional University Settings. *Innovation in Open and Distance Learning* Retrieved 5 September, 2012, from <http://eprints.jcu.edu.au/11839/>
- Esterhuizen, H. D. (2011a). Diary of discussions held with staff from the Open University, UK, Milton Keynes. Open University, UK.
- Esterhuizen, H. D. (2011b). Summary of discussions held with staff members from the Indira Gandhi Open University, Delhi. Indira Gandhi Open University.
- Esterhuizen, H. D. (2011-2012). Journal of discussions with and observations of SCTE staff and students. North-West University.
- Esterhuizen, H. D. (2012). Researcher's diary: Integration of Learning Technologies.
- Esterhuizen, H. D., & Blignaut, A. S. (2011a, 2-5 October). *A Localized Socially Transformative Learning Technology Integration Framework for ODL* Paper presented at the 24th ICDE World Conference on Open and Distance Learning: Expanding Horizons—New Approaches to Open and Distance Learning (ODL), Nusa Dua, Bali.
- Esterhuizen, H. D., & Blignaut, A. S. (2011b, 2-5 October). *A Localized Socially Transformative Learning Technology Integration Framework for ODL*. Paper presented at the 24th ICDE World Conference on Open & Distance Learning: Expanding Horizons - New approaches to Open and Distance learning (ODL), Nusa Dua, Bali.
- Esterhuizen, H. D., & Blignaut, A. S. (2012). Seamless Support: Technology Enhanced Learning in Open Distance Learning at NWU. North-West University.

- Esterhuizen, H. D., Blignaut, A. S., & Ellis, S. M. (2012a). Looking out and looking in: Exploring a case of faculty perceptions during e-learning staff development.
- Esterhuizen, H. D., Blignaut, A. S., Ellis, S. M., & Els, C. J. (2012b, 26-29 June). *Computer Literacy Learning Emotions of ODL Teacher-Students*. Paper presented at the EdMedia 2012: World Conference on Educational Media & Technology, Denver, CO.
- Esterhuizen, H. D., Blignaut, A. S., Ellis, S. M., & Els, C. J. (2012c). ODL students' perceived computer literacy competencies, expectations of support, intention to use and perseverance. *Journal*, 14(3). Retrieved from http://tojde.anadolu.edu.tr/tojde49/articles/article_5.htm
- Esterhuizen, H. D., Blignaut, A. S., Els, C. J., & Ellis, S. M. (2012d, 26-29 June). *Computer Literacy Learning Emotions of ODL Teacher-Students*. Paper presented at the Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2012, Denver, CO.
- Fishbein, M., & Ajzen, I. (1975). Belief, attitude, intention, and behavior: an introduction to theory and research, Available from <http://people.umass.edu/ajzen/f&a1975.html>
- Fluck, A. E. (2001). Some national and regional frameworks for integrating information and communication technology into school education. *Educational Technology & Society*, 3(3), 145-152.
- Foell, N. A. (1983). A new concern for teacher educators: computer literacy. *Journal of Teacher Education*, 35(4), 19-22.
- G20. (2012). What is the G20? Retrieved 11 Sept., 2012, from <http://www.g20.org/index.php/en/g20>
- García-Valcárcel, A., & Tejedor, F. J. (2006). *Use of information and communication technology in higher education and lecturers' competencies*. Paper presented at the INFORMATEX. Retrieved 12 March 2011, from <http://www.formatex.org/micte2006/pdf/1787-1791.pdf>
- Garrison, D. R. (2007). Online community of inquiry review: social, cognitive, and teaching presence issues. *Journal of Asynchronous Learning Networks*, 11(1), 61-72.
- Geisert, P., & Futrell, M. (1984). Computer literacy for teachers. *Journal*, (May). Retrieved from <http://www.ericdigests.org/pre-921/literacy.htm>
- Glaser, B., G. . (1978). *Theoretical Sensitivity Advances in the Methodology of Grounded Theory*. Mill Valley, Calif: The Sociology Press.
- Goleman, D. (1995). *Emotional intelligence*. New York: Bantam Books.
- Goles, T., & Hirschheim, R. (2000). The paradigm is dead, the paradigm is dead...long live the paradigm: the legacy of Burrell and Morgan. *Omega*, 28(3), 249-268.
- Gutterman, B., Rahman, S., Supelano, J., Thies, L., & Yang, M. (2009). *White paper: information communication & technology (ICT) in education for development*. The New School University.

- Harreveld, R. E. (2010). A capability approach to open and distance learning for in-service teacher education. In P. Danaher & A. Umar (Eds.), *Teacher Education through Open and Distance Learning* (pp. 47-60). Vancouver: Commonwealth of Learning.
- Harrison, J. M., Blakemore, C. L., & Buck, M. M. (2001). Basic principles of curriculum design. In J. M. Harrison, C. L. Blakemore & M. M. Buck (Eds.), *Instructional strategies for secondary school physical education* (5th ed., pp. 131-148). Boston: McGraw-Hill.
- Haythornthwaite, C., & Wellman, B. (1998). Work, friendship and media use for information exchange in a networked organization. *Journal of the American Society for Information Science*, 49(2), 1101-1114.
- Heeks, R. (2008). ICT4D 2.0: the next phase of applying ICT for international development. *Computer*, 41(6), 26-33.
- Herrington, J., McKenney, S., Reeves, T., & Oliver, R. (2007). *Design-based research and doctoral students: Guidelines for preparing a dissertation proposal*. Paper presented at the World Conference on Educational Multimedia, Hypermedia and Telecommunications 2007
- Hikmet, N., Taylor, E. Z., & Davis, C. J. (2008). The Student Productivity Paradox: Technology Mediated Learning in Schools. *Communications of the ACM | september 2008 | vol. 51 | no. 9, 51(1)*, 128-131.
- Hinostroza, J. E., Labbé, C., López, L., & Iost, H. (2008). Traditional and Emerging IT Applications for Learning. In J. Voogt & G. Knezek (Eds.), *International Handbook of Information Technology in Primary and Secondary Education* (Vol. 1, pp. 81-93). New York: Springer.
- ICT in Higher Education*. (2012, 13 March). Kempton Park.
- Ingleton, C. (1999, 12-15 July). *Emotion in learning: a neglected dynamic*. Paper presented at the HERDSA Annual International Conference, Melbourne.
- Issroff, K., & Scanlon, E. (2002). Educational technology: the influence of theory. *Journal*, (6). Retrieved from <http://www-jime.open.ac.uk/2002/6>
- Jain, P. (2006). Empowering Africa's development using ICT in a knowledge management approach. [DOI: 10.1108/02640470610649245]. *Electronic Library, The*, 24(1), 51-67.
- Johnson, B., & Turner, L. A. (2003). Data Collection Strategies in Mixed Methods Research. In A. Tashakkori & C. Teddlie (Eds.), *Handbook of Mixed Methods in Social and Behavioral Research* (pp. 297-320). London: Sage.
- Johnson, L., Adams, S., & Haywood, K. (2011). *The NMC Horizon report: 2011 K-12 edition*. Austin, Texas: The New Media Consortium.
- Jonassen, D., Davidson, M., Collins, M., Campbell, J., & Haag, B. B. (1995). Constructivism and computer-mediated communication in distance education. *American Journal of Distance Education*, 9(2), 7-26.

- Jones, A. (2010). Affective issues in learning technologies: emotional responses to technology and technology's role in supporting socio-emotional skills. *Journal*, 9(9). Retrieved from <http://jime.open.ac.uk/article/2010-9>
- Jung, C. G. (1990). *The archetypes and the collective unconscious* (Vol. 10th, Part I, Bollingen Series XX). New York: Princeton University Press.
- Junge, K., & Hadjivassiliou, K. (2007). What are the EU and member states doing to address digital literacy? *Journal*, 6. Retrieved from <http://www.elearningeuropa.info/files/media/media14196.pdf>
- King, F. B. (2002a). A virtual student Not an ordinary Joe. *The Internet and Higher Education*, 5(2), 157-166.
- King, F. B. (2002b). A virtual student Not an ordinary Joe. *Internet and Higher Education*, 5(2), 157-166.
- Kleiman, G. M. (2000). Myths and Realities About Technology in K-12 Schools. *Journal*, 14. Retrieved from <http://www.sfu.ca/educ260/documents/myths.pdf>
- Koehler, M., & Mishra, P. (2005). Teachers learning technology by design. *Journal of Computing in Teacher Education*, 21(3), 94-102.
- Koehler, M., & Mishra, P. (2009). What is technological pedagogical content knowledge? . *Journal*, 9(1). Retrieved from <http://www.citejournal.org/vol9/iss1/general/article1.cfm>
- Kok, I., & Blignaut, A. S. (2009). *Introducing developing teacher-students in a developing context to e-portfolios*. Paper presented at the iLearning Forum, 19-20 January, 2009. Retrieved 21 Feb. 2010, from <http://www.eife-l.org/publications/proceedings/ilf09/ilearning-forum-2009-proceedings.pdf>
- Kok, I., Rabé, A., Swarts, P., & Van der Vyver, C. (2008). Process evaluation: The lecturers' view. School of Continuing Teacher Education.
- Kort, B., Reilly, R., & Picard, R. (2001, 6-8 August). *Affective model of interplay between emotions and learning: reengineering educational pedagogy--building a Learning Companion*. Paper presented at the Advanced Learning Technologies, 2001, Madison, WI.
- Krathwohl, D. R., Bloom, B. S., & Masia, B. B. (1973). *Taxonomy of educational objectives, the classification of educational goals. Handbook II: affective domain*. New York: David McKay Co., Inc.
- Kruger, J., & Dunning, D. (1999). Unskilled and unaware of it: how difficulties in recognizing one's own incompetence lead to inflated self-assessments. *Journal of Personality and Social Psychology*, 77(6), 1121-1134.
- Kurtz, G., Amichai-Hamburger, Y., & Kantor, J. (2009). Psychosocial well-being of Israeli students and attitudes toward open and distance learning. *Journal*, 10(2). Retrieved from <http://www.irrodl.org/index.php/irrodl/article/view/593/1229>
- Laurillard, D. (2006). E-learning in higher education. In P. Ashwin (Ed.), *Changing Higher Education: the development of learning and teaching* (pp. 71-84). London: Routledge.

- Law, N. (2008). Teacher Learning Beyond Knowledge for Pedagogical Innovations with ICT. In J. Voogt & G. Knezek (Eds.), *International Handbook of Information Technology in Primary and Secondary Education: Part One* (pp. 425-444). New York: Springer.
- Leech, N. L., & Onwuegbuzie, A. J. (2009). A typology of mixed methods research designs. *Qual Quant*, 43(2009), 265-275.
- Lin, K.-M. (2011). e-Learning continuance intention: moderating effects of user e-learning experience. *Computers & Education*, 56(2), 515-526.
- Longworth, N., & Davies, W. K. (1996). *Lifelong learning: new vision, new implications, new roles for people, organizations, nations and communities in the 21st century*. London: Kogan Page.
- Lowendahl, J.-M., Harris, M., Rust, B., Gootzit, D., Fiering, L., Margevicius, M. A., et al. (2009). Hype cycle for education, 2009. Retrieved 6 February, 2010, from <http://my.gartner.com/portal/server.pt?open=512&objID=260&mode=2&PageID=3460702&resId=1095713&ref=QuickSearch&stkw=hype+cycle+education>
- Ma, L., Vogel, D., & Wagner, C. (2000). Will virtual education initiatives succeed? *Information Technology and Management*, 1(4), 209-227.
- MacKeogh, K., & Fox, S. (2008, 6 November). *Strategies for embedding e-learning in traditional universities: drivers and barriers*. Paper presented at the 7th European Conference on e-Learning, Reading.
- Masters, K. (2011). A Brief Guide To Understanding MOOCs. *Journal*, 1(2). Retrieved from <http://www.ispub.com/journal/the-internet-journal-of-medical-education/volume-1-number-2/a-brief-guide-to-understanding-moocs.html>
- Maxcy, S. J. (2003). Pragmatic Threads in Mixed Methods Research in the Social Sciences: The Search for Multiple Modes of Inquiry and the End of the Philosophy of Formalism. In A. Tashakkori & C. Teddlie (Eds.), *Handbook of mixed methods in social and behavioral research* (pp. 51-90). Thousand Oaks: Sage Publications.
- Mayes, A. S., & Burgess, H. (2010). Open and distance learning for initial teacher education. In A. Umar & P. Danaher (Eds.), *Perspectives on teacher education through Open and Distance Learning* (pp. 35-46). Vancouver: Commonwealth of Learning.
- Mayes, T. (2001). Learning technology and learning relationships. In J. Stephenson (Ed.), *Teaching and learning online: new pedagogies for new technology* (pp. 16-26). London: Koga Page.
- McMillan, J. H., & Schumacher, S. (2001). *Research in education: a conceptual introduction* (5th ed.). New York: Longman.
- Melrose Training. (2011, 30-31 March). *Proceedings at the Intel Education: ICT in the Classroom Conference*. Paper presented at the Africa Higher-Ed ICT Conference, Rosebank, South Africa.
- Merriam, S. B. (1998). *Qualitative research and case study application in education*. San Francisco, CA: Jossey-Bass.
- Usability issues of e-Learning systems: case-study for Moodle learning management system, (2008).

- Mishra, P., & Koehler, M. J. (2006). Technological pedagogical content knowledge: a framework for teacher knowledge. *Teachers College Record*, 108(6), 1017–1054.
- MIT Media Lab. (s.a.). Affective communication. Retrieved 29 April, 2011, from <http://affect.media.mit.edu/areas.php?id=communication>
- Moersch, C. (1995). Levels of technology implementation (LoTi): a framework for measuring classroom technology use. Retrieved 15 June, 2009, from <http://loticonnection.com/pdf/LoTiFrameworkNov95.pdf>
- Molnar, A. R. (1978). *The next great crisis in American education: computer literacy*. Washington, D.C.: National Science Foundation.
- Moolman, H. B., & Blignaut, S. (2008). Get set! e-ready, ... e-learn! The e-readiness of warehouse workers. *Educational Technology & Society*, 11(1), 168-182.
- Moore, M. G. (2003). Preface. In M. G. Moore & W. Anderson (Eds.), *Handbook of distance education* (pp. ix–xii). Mahwah, NJ: Erlbaum.
- Motiwalla, L. F. (2007). Mobile learning: a framework and evaluation. *Computers & Education*, 49(3), 581-596.
- Müller, J. (2011). Gendering 'the Millennials'. Analysing staff responses to new student profiles in Spanish ICT higher education. *Journal*, 3(2). Retrieved from <http://genderandset.open.ac.uk/index.php/genderandset/article/view/170/342>
- Mutula, S. M. (2008). Digital divide and economic development: case study of sub-Saharan Africa. *The Electronic Library*, 26(4), 468-489.
- National Assessment Governing Board. (2010). Technology and engineering literacy framework for the 2014 NAEP. Retrieved 22 September, 2011, from http://www.nagb.org/publications/frameworks/tech2014-framework/ch_toc/index.html
- Norris, P. (2001). *Digital divide: Civic engagement, information poverty and the Internet world-wide*. Cambridge. Cambridge, MA: Cambridge Univ. Press.
- North-West University. (2012). Requirements of Unit for Open Distance Learning on university IT infrastructure: A discussion.
- North-West University. Taskgroup for Educational Learning Technologies. (2012a). Minutes of the meeting held on 7 August 2012. North-West University.
- North-West University. Taskgroup for Educational Learning Technologies. (2012b). Minutes of the meeting held on 22 October 2012. North-West University.
- North-West University. Taskgroup for Educational Learning Technologies. (2012c). Minutes of the meeting held on 26 April 2012. North-West University.
- Oblinger, D. G., & Oblinger, J. L. (2005). Educating the Net Generation, Available from <http://www.educause.edu/educatingthenetgen>
- OECD. (2010). *Are the new millennium learners making the grade. Technology and educational performance in PISA*. Paris: OECD.
- OER Africa. (2011). Open Educational Resources for African Academics. Retrieved 30 July, 2011, from www.oerafrica.org

- Oettinger, A., & Marks, S. (1968). Educational Technology: New Myths and old Realities. *Harvard Educational Review*, 38(4), 697-717.
- Oldfield, S. (2003). *TeAchnology – appropriate learning technology*. Paper presented at the International Conference on Computer Systems and Technologies - CompSysTech'2003. Retrieved 30 July 2011, from <http://ecet.ecs.ru.acad.bg/cst/docs/proceedings/S4/IV-1.pdf>
- Oliver, R., & Towers, S. (2000). *Benchmarking ICT literacy in tertiary learning settings*. Paper presented at the ASCILITE Conference. Retrieved 20 October 2011, from <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.17.8052&rep=rep1&type=pdf>
- Papastergiou, M. (2010). Enhancing Physical Education and Sport Science students' self-efficacy and attitudes regarding information and communication technologies through a computer literacy course. *Computers & Education*, 54(1), 298-308.
- Peirce, C. S. (1966). *Collected papers of Charles Sanders Peirce*. Cambridge, MA: Belknap Press of Harvard University Press.
- Pelgrum, W. J. (2008). School practices and conditions for pedagogy and ICT. In N. Law, W. J. Pelgrum & T. Plomp (Eds.), *Pedagogy and ICT use in schools around the world: Findings from the IEA SITES 2006 study* (pp. 67-121). Hong Kong: Springer and the Comparative Education Research Centre, The University of Hong Kong.
- Pena-Bandalaria, M. D. (2007). Impact of ICTs on open and distance learning in a developing country setting: the Philippine experience. *Journal*, 8(1). Retrieved from <http://www.irrodl.org/index.php/irrodl/article/view/334/793>
- Peslak, A. R. (2005). The Educational Productivity Paradox: Studying the effects of increased IT expenditures in educational institutions. *Communications of the ACM*, 48(10), 111-114.
- Pfeiffer, T. (Ed.). (2012). *Virtualization of Universities: Digital Media and the Organization of Higher Education Institutions*: Springer.
- Plomp, T. (2007). Educational Design Research: an Introduction. In T. Plomp & N. Nieveen (Eds.), *An Introduction to Educational Design Research* (pp. 9-36). Enschede: SLO •Netherlands institute for curriculum development.
- Psychpage.com. (2010). Resources for students and professionals. Retrieved 8 December, 2011, from <http://www.psychpage.com/learning/library/assess/feelings.html>
- Rawitsch, D. G. (1982). Minnesota's statewide push for computer literacy *Instructional Innovator*, 27, 34-35.
- Reeves, T. (2006). Design research from a technology perspective. In J. Van den Akker, K. Gravemeijer, S. McKenney & N. Nieveen (Eds.), *Educational Design Research* (pp. 86-109). London: Routledge.
- Riel, M., & Becker, H. J. (2008). Characteristics of Teacher Leaders for Information and Communication Technology. In J. Voogt & D. G. Knezek (Eds.), *International Handbook of Information Technology in Primary and Secondary Education* (Vol. 1, pp. 397-414). New York: Springer.

- Rist, R., & Hewer, S. (1996). What is learning technology? Some definitions. In G. Stoner (Ed.), *Implementing Learning Technology* (pp. 3-5): Learning Technology Dissemination Initiative
- Saldña, J. (2009). *The coding manual for qualitative researchers*. London: Sage.
- Salmon, G. (2005). Flying not flapping: a strategic framework for e-learning and pedagogical innovation in higher education institutions. *ALT-J*, 13(3), 201 — 218.
- Sánchez, J., Salinas, A., Contreras, D., & Meyer, E. (2010). Does the new digital generation of learners exist? A qualitative study. *Journal*. Retrieved from <http://www3.interscience.wiley.com/cgi-bin/fulltext/123340848/PDFSTART>. doi:10.1111/j.1467-8535.2010.01069.x
- Scanlon, E. (2010). Technology enhanced learning in science: interactions, affordances and design based research. *Journal*, (8). Retrieved from <http://jime.open.ac.uk/2010/08>
- Schneckenberg, D. (2007). *eCompetence Development Measures for Faculty in Higher Education - A Comparative International Investigation*. Universität Duisburg-Essen, Standort Essen.
- Schneckenberg, D. (2008, 4-5 February). *No Future Learning without Present Staff—The Role of Faculty in University Innovation*. Paper presented at the iLearning Forum 2008, Paris.
- Schneckenberg, D. (2010). Overcoming barriers for eLearning in universities—portfolio models for eCompetence development of faculty. *Journal*. Retrieved from <http://www3.interscience.wiley.com/cgi-bin/fulltext/123271711/PDFSTART>. doi:10.1111/j.1467-8535.2009.01046.x
- Schneckenberg, D., Ehlers, U., & Adelsberger, H. (2011). Web 2.0 and competence-oriented design of learning—potentials and implications for higher education. *British Journal of Educational Technology Vol 42 No 5 2011*, 42(5), 747-762.
- Schneckenberg, D., & Wildt, J. (2006). Understanding the Concept of eCompetence for Academic Staff. In I. M. Labhainn, C. M. Legg, D. Schneckenberg & J. Wildt (Eds.), *The Challenge of eCompetence in Academic Staff Development* (pp. 29-35). Galway: NUI Galway.
- Schrum, L., Burbank, M. D., Engle, J., Chambers, J. A., & Glassett, K. F. (2005). Post-secondary educators' professional development: Investigation of an online approach to enhancing teaching and learning. *The Internet and Higher Education*, 8(4), 279-289.
- Schwier, R. A. (2010). Focusing Educational Technology Research on Informal Learning Environments. *Contemporary Educational Technology*, 1(1), 90-92.
- Silva, B. (30 July, 2011). Over 1700 unqualified teachers in South Africa. *West Cape News*, from <http://westcapenews.com/?p=1431>
- Simpson, V. (2002). *The effect of Staff Perceptions of Online Learning when Using a Non-traditional Approach to Staff Development*. Paper presented at the Networked Learning 2002 Conference, University of Lancaster, Sheffield.

- Smyth, R. (2009). Enhancing learner–learner interaction using video communications in higher education: Implications from theorising about a new model. *Journal*. Retrieved from <http://www3.interscience.wiley.com/cgi-bin/fulltext/122577468/PDFSTART>. doi:10.1111/j.1467-8535.2009.00990.x
- Solow, R. M. (1987). Prize Lecture: Growth Theory and After". Retrieved 16 September, 2012, from http://www.nobelprize.org/nobel_prizes/economics/laureates/1987/solow-lecture.html
- South Africa. (2004). White paper on e-Education. Retrieved 9 December, 2011, from <http://www.info.gov.za/view/DownloadFileAction?id=68767>
- South Africa. Department of Education. (2004a). *Draft white paper on e-education: transforming learning and teaching through Information Communication Technologies (ICTs)*. Retrieved 15 Feb. 2009. from <http://www.info.gov.za/view/DownloadFileAction?id=68766>.
- South Africa. Department of Education. (2004b). *White paper on e-Education*. Retrieved 13 Mar. 2011. from <http://www.info.gov.za/view/DownloadFileAction?id=68767>.
- South African Democratic Teachers Union (SADTU). (2008). Union pens teacher laptop deal. Retrieved 31 January, 2009, from <http://www.educationweb.co.za/ew/?p=229>
- Spamer, E. J. (2011). Status of Technology at the SCTE, North-West University [interview]. Potchefstroom.
- Spotts, T. (1999). Discriminating Factors in Faculty use of Instructional Technology in Higher Education. *Educational Technology & Society*, 2(4), 92-99.
- StatSoft Inc. (2011). STATISTICA (data analysis software system), version 10. Retrieved 27 September, 2012, from www.statsoft.com.
- Stone, J. A., & Madigan, E. (2007). Inconsistencies and disconnects. *Communications of the ACM* 50(4), 76-79.
- Stoner, G. (1996). A conceptual framework for the integration of learning technology. In G. Stoner (Ed.), *Implementing Learning Technology* (pp. 6-13): Learning Technology Dissemination Initiative
- Tashakkori, A., & Teddlie, C. (Eds.). (1998). *Mixed Methodology: Combining Qualitative and Quantitative Approaches* (Vol. 46). Thousand Oaks: Sage Publications.
- Taylor, J. C. (2001). *Fifth generation distance education*. Paper presented at the ICDE 20th World Conference. Retrieved 23 July 2011, from <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.113.3781&rep=rep1&type=pdf>
- Teddlie, C., & Tashakkori, A. (2003). Major issues in controversies in the use of mixed methods in the social and behavioral sciences. In A. Tashakkori & C. Teddlie (Eds.), *Handbook of Mixed Methods in Social and Behavioral Research* (pp. 3-50). London: Sage.
- UNESCO. (2002a). *Information and communication technologies in teacher education: a planning guide* (No. ED/HED/TED/3): UNESCO.

- UNESCO. (2002b). Open and Distance Learning: Trends, Policy and Strategy Considerations. Retrieved 5 September 2012, 2012, from <http://unesdoc.unesco.org/images/0012/001284/128463e.pdf>
- Van den Akker, J., Gravemeijer, K., McKenney, S., & Nieveen, N. (2006). Introduction to educational design research. In J. Van den Akker, K. Gravemeijer, S. McKenney & N. Nieveen (Eds.), *Educational design research* (pp. 1-8). London: Routledge.
- Verhoeven, J. C., Heerwegh, D., & De Wit, K. (2010). Information and communication technologies in the life of university freshmen: an analysis of change. *Computers & Education*, 55(1), 53-66.
- Volk, B. (2010). The «Zurich E-Learning Certificate» A role model for the acquirement of eCompetence for Academic Staff and an example of a practical implementation. *Journal*, 1. Retrieved from www.eurodl.org/index.php?tag=34&article=159&article=390
- Voogt, J., & Knezek, G. (Eds.). (2008). *International handbook of information technology in primary and secondary education, part 1*. Washington: Springer.
- Walter Hottinga.com. (2011). Feelings--a list of describing words. Retrieved 5 June, 2011, from <http://www.walterhottinga.com/personal-development/feelings-a-list-of-describing-words/>
- Watson, D. M. (2001). Pedagogy before Technology: Re-thinking the Relationship between ICT and Teaching. *Education and Information Technologies*, 6(4), 251-266.
- Wenger, E. (1998). Communities of practice: learning as a social system. *Systems Thinker*, 9(5).
- White, D. (2009). Digital literacy and ICT competence. Retrieved 25 August, 2010, from http://www.e-skills-ilb.org/docs/DW_on_e-skills_for_Baltic_ICT_forum_090329.pdf
- Williams, S. (2001). *Increasing employees' creativity by training their managers*. Dayton, Ohio: MCB UP Ltd.
- Williamson, D. M., Katz, I. R., & Kirsch, I. (2011). An overview of the higher education ICT literacy assessment. *Journal*, 27. Retrieved from http://www7.nationalacademies.org/bose/ICT%20Fluency_Assessment_Overview_Article.pdf
- Wilson, W. (2003). Faculty Perceptions and Uses of Instructional Technology. *EDUCAUSE Quarterly* 2, 60-62.
- Wolfenden, F. (2008). The TESSA OER Experience: building sustainable models of production and user implementation. *Journal of Interactive Media in Education*(3).
- World Bank. (2012). *South Africa economic update: Focus on inequality of opportunity*. Washington, DC: The World Bank.
- Zemsky, R., & Massy, W. F. (2004). *Thwarted innovation - what happened to e-learning and why*: The Learning Alliance for Higher Education.

Zentel, P., Bett, K., Meister, D. M., Rinn, U., & Wedekind, J. (2004). A Change Process at German University – Innovation through Information and Communication Technologies? *Journal*, 2(1), 237-246. Retrieved from <http://www.ejel.org>