

Summary CV: A C Lynn Zelmer

Name: A C Lynn Zelmer, BEd, MS, PhD

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DoB: 19 March 1943

Qualifications: PhD, University of Queensland, 1994
MS, Stout State University, Wisconsin, 1969
BEd, University of Alberta at Calgary, 1965

Current Membership Of Professional Societies/Community Organisations:

National Tertiary Education Union, CQU Branch (Hon Life)
Central Queensland Combined Rail Group Network
Friends of Archer Park Station and Steam Tram Museum Inc
Light Railway Research Society of Australia
Australian Narrow Gauge Railway Museum Society (Life)
Australian Sugar Cane Railway
National Model Railroad Association (Life)

Work History:

I have variously worked as a photographer, media producer, trainer, teacher, academic and consultant in Canada, Australia, and several overseas countries. My first major job was teaching building construction to disadvantaged youths. Subsequently I've taught/trained at every level of formal education, including supervising post-graduate students, and within the non-formal education sector. I've also developed a wide variety of training resources and used the media for community education (eg over a decade of weekly programs on the effects of computers and information technology for Australia's ABC radio).

Throughout my working life I've been involved with the application of technology to teaching/training. Thus I've developed tape slide presentations for workers cleaning up after an oil spill, interactive television programs on community planning, simulations and games for village level health workers, computer-based learning materials for nurses and on-line interactive resources for university students and public education. I've also managed to successfully make the transition from still photography and film-making to digital image creation for computer-based presentations and digital artwork/

Retired from fulltime employment, my current 'work' includes continuing responsibilities for supervising postgraduate students, developing/managing several community museum and organisational web sites, writing regular articles for an Australian model building magazine, multimedia/computer art projects, teaching tai chi and providing on-going support for overseas development projects.

2005-, Volunteer, ABV (Australian Business Volunteers): **Tonga:** assisting with training and web development for government Ministry; **Fiji:** assisting with design/redesign of two Fijian development organisations' web sites and training to maintain the site (2007, 2008), and on-going staff mentoring via e-mail; **Vanuatu:** assisting with staff and resource development for an indigenous computer training institute (2005-6).

2002-, Special Needs Instructor, Australian Academy of Tai Chi providing Tai Chi services for *Rockhampton 60 & Better* program and evening classes.

2000-, Honorary, then Adjunct, Senior Fellow, Central Queensland University. Duties include supervising postgraduate students and research projects.

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2000-2, National Information Manager, HISA (Health Informatics Society of Australia). Volunteer duties include editing and refocussing the organisation's publications for electronic delivery and advising the organisation on policy.

~1995-2007, External Moderator, UCoL (Universal College of Learning), New Zealand. Moderating undergraduate computer courses.

1989-1999, Lecturer, then Senior Lecturer, Faculty of Informatics and Communication, Central Queensland University, with responsibility for end-user (applied) computing and multimedia studies. Duties included undergraduate and postgraduate teaching and resource development for campus and distance delivery. Other activities included chairing the CQU Computer Security Committee, serving on a variety of working parties and negotiating employment conditions, intellectual property policy, and industrial disputes.

1973-1988, Consultant, International Communications Institute (part time 1969-1973). Consultant with government (including UNESCO, UNICEF, UNFPA and CIDA), industry, education and community groups.

Work in Asia (India, Sri Lanka, Maldives Republic and Malaysia) and Africa (Ethiopia, Kenya, Zambia) with United Nations and non-government development agencies. Overseas projects ranged from assisting with the training of village level health workers and creche attendants to training professional radio producers to assessing NGO operations.

Canadian projects included developing training materials on oil spill technology for the petroleum industry, teaching computer basics to adults and children, teaching microcomputer management to college students and adults, and assisting native groups to use radio, film and television for community development.

1968-73, Assistant Professor of Educational Media and Assistant Supervisor, Educational Media Division, Department of Extension, the University of Alberta. Duties included design, marketing and teaching adult classes; production, evaluation and design of educational materials; and the management of a rental library of film and other media.

1964-68, Teacher, Calgary School Board, Alberta, Canada. Primarily years 7-9; vocational building construction, industrial and language arts, sciences, etc.

Publications (Selected to show scope/range, from most recent):

Zelmer, ACL (2007). **Organising Academic Conferences**, 2nd Edition. HERDSA. [First edition published 1991.]

Zelmer, ACL (2006-). "Bundaberg Fowler Locomotives" in Hince, Gavin (ed). **Narrow Gauge Down Under**, Summer/Autumn, #21, pp 13-15 and similar articles in each subsequent issue.

Zelmer, ACL (2003-). **QldRailHeritage.com** web site supporting Queensland's rail heritage (tourist) railways and organizations.

Zelmer, ACL (2002-). **From Field to Mill: Modelling Cane Railways**, Brisbane: Modelling the Railways of Queensland Convention 2002, and subsequently adapted and expanded for www.zelmeroz.com/canesig/mpdel/model.htm.

Zelmer, ACL (2000). "Occupational Overuse Syndrome (OOS) and computer use among NTEU members at Central Queensland University", in Pradhan, M et al (2000). **HIC 2000 Proceedings: Integrating Information for Health Care**, Health Informatics Society of Australia, 347-354. ISBN: 0 9585370 5 4

Zelmer, ACL (1999). "Communication Skills Using Legal, Ethical and Professional Issues", chapter in Fallows, S and Ahmet, K (1999). **Inspiring Students: Case Studies in Motivating the Learner**, Kogan Page. ISBN: 0-7494-2872-4.

Zelmer, ACL. **00101 Introduction To Multimedia Systems** (1998) and **00202 Multimedia Development** (1999): Unit Resources for Macintosh and Windows [CD-ROMs, web site, student and tutor videotapes, etc.], Central Queensland University.

Zelmer, ACL (1997-). **CaneSIG**, web site of the Cane Railway (Tramline) Modelling Special Interest Group, www.zelmeroz.com/canesig.

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Zelmer, ACL (1996). "The more things change... memoirs of a computer-based educator", in Christie, A et al (Eds), **Making New Connections, ASCILITE'96, Proceedings Of The 13th Annual Ascilite Conference**, Adelaide: The University of South Australia, 49-64, ISBN 0 86396 409 5.

Zelmer, ACL, Lye, NC and Pace, S (1996). 'Academics Developing Media Materials: Learning from several cases' in Yong, LK, et al (Eds). **Human Factors of IT: Enhancing Productivity and the Quality of Life, Proceedings of the First Asia Pacific Conference on Computer Human Interaction**, Singapore: Information Technology Institute, 356-366, ISBN 9971 88 495 X.

Zelmer, ACL (Ed) (1996). **Computer Basics for Health Practitioners 1996**, Revised Edition, Rockhampton: CQU Department of Mathematics and Computing for the Australian Health Informatics Association (Queensland) Inc, ISBN 1 875902 34 1. [First edition published 1993.]

Zelmer, ACL (Ed/Adaptor) (1996). **Guidelines for Computer Security at CQU**, Rockhampton: CQU Computer Security Committee, 54 pp, ISBN 1 875902 39 2; and in electronic form [http://www.cqu.edu.au/documents/compsec/guidelines/cqu_sec01.html].

Zelmer, ACL (1995). "Re-Examining the Myth: Developing Truly Affordable Multimedia", in Pearce, JM, and Ellis, A (Eds) (1995). **Learning With Technology: The Twelfth Annual Conference of the Australian Society for Computers in Learning in Tertiary Education**, The Science Multimedia Teaching Unit, University of Melbourne, 571-578.

Zelmer, ACL (1995). "Change and technology in Nursing Education" in Greenes, RA, et al (Editors) (1995). **MEDINFO: Proceedings Of The 8th World Congress On Medical Informatics, 23-27 July 1995**, Edmonton: Healthcare Computing and Communications Canada for the International Medical Informatics Association, pp 1357-1361 (indexed in MedLine).

Anderson, D, and Zelmer, ACL (1989-2006). **The ABC Computer Show**, Rockhampton: ABC Radio. [Weekly radio commentary on computer, computing and the effects of technology.]

Harnar, R, Zelmer, ACL and Zelmer, AE (1983). **A Manual of Learning Exercises for use in Health Training Programs In India**, New Delhi, India: Voluntary Health Association of India.

Zelmer, ACL (editor) (1979). **Community Media Handbook**, 2nd edition, Metuchen NJ: Scarecrow Press. [First edition published 1973.]

Zelmer, AE and Zelmer, ACL (1979). "Some Reflections on the Use of Experiential Learning in Developing Countries", **Simulation/Games For Learning**, 9: 3, Autumn, pp 117-121.

Zelmer, AE and Zelmer, ACL (1978). "Applications of Educational Technology for Community Health Workers in Developing Countries" in Brook, D and Race, P (Eds), **Aspects of Educational Technology**, London: Kogan Page, Vol X11, pp 309-313.