
Pamela Ann Miller

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Education

- 2003 Ph.D. (CIE) University of Pretoria – Thesis *How South African Further Education and Training learners acquire, recall, process and present information in a digitally enabled environment* Online at upetd.up.ac.za/thesis/available/etd-08022003-002315/
- 1997 M.Ed. (CBI) University of Pretoria - specialised in Telecommunications and Management (Internet), Systems and Aids for CAI Authors (Authorware Professional), Computer Based Evaluation and Testing (Questionmark), Management and Implementation of CAE, Computer Applications in Bridging Education, and a thesis *The integration of computers at Pinelands High School: A case study* Online at upetd.up.ac.za/thesis/available/etd-08062003-202836/
- 1990 B.Bibl. Hons University of the Western Cape - subjects passed include Management, Readership, Children's literature, School librarianship and a thesis titled *Media Centre Lessons*
- 1978 B.A. University of South Africa - subjects passed Education 3, History 3, Geography 1, English 1, Practical Afrikaans and Biblical Studies 1
- 1974 Lower Diploma in Librarianship University of Cape Town - the subjects passed Afrikaans, Book production and assistance to readers, English 1, General literature, Geography 1, Library practice, Practical cataloguing and Practical classification
- 1969 Higher Primary Teacher's Diploma University of Cape Town - subjects passed were all primary subjects, and needlework
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Professional employment

Pinelands High School, Pinelands, Western Cape

1991 to the present

Computer Applications Technology teacher from 2006 to the present, Computer Studies SG teacher 1997 to the present, teaching Computer theory, Word processing, Spreadsheets, Databases, Graphics, Desktop publishing and Web design to Grades 10 - 12; designing instructional material for posting on the Internet; coordinating the computer and library and subject teaching in Stds 6 and 7; responsible for teaching Book Education to Stds 6 and 7; Std 6 and 7 History; gifted child programme; team-teaching classes ranging from Std 6 to Std 10; Std 6, Grade 10, 11 and Grade 12 register tutor; and recatalogued library on computer.

Milnerton High School, Milnerton, Western Cape

1986 to 1990

Responsible for organisation of library and media centre, recatalogued media centre on computer 1990, responsible for teaching Book Education to Stds 6 to 9 in both language media, Std 6 register teacher; cross country, general knowledge quiz, public relations, pupils' newspaper, PTA representative, acting head of department first term 1989, and awarded merit awards in 1988 and 1989

Westridge Senior Secondary School, Westridge, Mitchells Plain, Western Cape

1983 to 1985

Responsible for establishing library and teaching Book Education to Stds 6 to 10 in both language media, and cross country

Belgravia Senior Secondary School, Athlone, Western Cape

1982

Responsible for teaching Book Education to Stds 6 to 10 in both language media

Vredehoek Primary School, Vredehoek, Cape Town

1975 to 1981

Responsible for a Std 3 class, all needlework, chess, and established media centre/library

Cape College for Advanced Technical Education, Cape Town

May 1974 to July 1975

Part time library assistant

Rustenburg Girls' Junior School, Rondebosch, Western Cape

1972 to 1973

Responsible for a Std 2 class

Preparatory School, Somerset East, Eastern Cape

1970 to 1971

Responsible for a Std 3 class

Related professional experience

Examining and marking (Computing)

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Acted as deputy chief marker National Senior Certificate for Western Cape Education
Department for Computer Applications Technology - 2008

Acted as senior examiner Senior Certificate for Western Cape Education Department for
Computer Studies SG - 2004

Acted as examiner Senior Certificate for Western Cape Education Department for Computer
Studies SG - 2001-2002

Acted as chief examiner Senior Certificate for Western Cape Education Department for
Computer Studies SG - 1999-2000

Academia

Facilitated M.Ed. module in Computers in Education at Khartoum University of Science and
Technology, Sudan - 2009

Co-supervised Masters and Doctoral thesis students in Departments of Education and
Informatics and Design, Cape Peninsula University of Technology – 2009

Co-supervised Masters thesis students in Department of Didactics, Faculty of Education,
University of Pretoria – 2005 – 2010

Supervised three Masters thesis students in Department of Didactics, Faculty of Education,
University of Pretoria – 2005 – 2010

Facilitated M.Ed. in Computers in Education in Department of Didactics, Faculty of
Education, University of Pretoria in Cape Town – 2005-2006

Acted as external Masters thesis examiner - Department of Didactics, Faculty of Education,
University of Pretoria - 2000-2009; Department of Information Systems, Faculty of
Commerce University of Cape Town – 2003

Developed and taught B.Ed Hons course in Computer Applications Technology at the Cape
Peninsula University of Technology, Cape Town – 2007 - 2009

Acted as part time lecturer of Computer Applications Technology in the post graduate
certificate programme Advanced Certificate in Education: Computer Applications
Technology at the Cape Peninsula University of Technology, Cape Town - 2005 –
present

Developed material for the Computer Applications Technology subject in the post graduate
certificate programme Advanced Certificate in Education: Computer Applications
Technology at the Cape Peninsula University of Technology, Cape Town - 2005 –
present

Computer skills development

Performed in-service training of Computer Applications Technology subject advisors – Port
Elizabeth 2009 – at request of National Department of Education

Performed in-service training of Computer Applications Technology teachers – for EMDC
North – 2007 - 2010

Mentored Computer Applications Technology teachers for EMDC Central – 2006

Developed materials for Tshwane University of Technology for Computer Applications
Technology 3 training in FrontPage, Long documents and Integration – 2007

Co-ordinated and taught adult education classes in integrating ICT in schools, presentations,
multimedia authoring, word processing, desktop publishing, spreadsheets, databases,
web design and Windows operating system for Continuing Education Programme of
Pinelands High School - 1997-2009

Online management

Maintained blog for Computer Applications Technology teachers at www.studyopp.blogspot.com – 2007 - present
Maintained own web site at www.compmat.wcape.school.za/PHS/ with material for download for teaching – 1997 - present
Maintained web site of Red Cross Children's Hospital Primary School – www.compmat.wcape.school.za//PHS/rc/index.htm - 2000 – 2008
International and local judge in ThinkQuest web design competition www.thinkquest.org - 1998, 1999, 2000

Researcher, developer and writer

Evaluated educational software for Inspiration.Inc at www.inspiration.com – 2005 - 2006
Developed rubrics for Rubricate for Computer Applications Technology - www.rubricate.co.za – 2005
Reviewed video scripts for Mindset on computer hardware for the NCS subject Information Technology – 2004 - 2005
Sourced software found in or developed for Sub Saharan Africa and wrote reviews on software packages for South African Institute of Distance Education (Neil Butcher & Associates) – 2002
Co-developed the curriculum for Gauteng Online for Gauteng Education Department for South African Institute of Distance Education (Neil Butcher & Associates) - 2002
Developed tip sheets on installing Flash plugin for Neil Butcher & Associates – 2002
Developed tip sheets on Adobe Acrobat Reader for Commonwealth of Learning (Neil Butcher & Associates) - 2001
Developed tip sheets on Outlook for Stephen Marquard (Western Cape Schools' Network) - 2001
Developed tip sheets on FrontPage for ThinkQuest web design competition for Gerald Roos (Telkom) - 2000
Developed aspects of Educator's Network for Schoolnet South Africa – 2000

Library skill development

Performed in-service training of teachers and teacher-librarians - at invitation of Natal Media Teachers Association - 1989 - Pinetown, Natal
Performed in-service training of teacher-librarians employed by Department of Education: House of Assembly - 1989 - Pietermaritzburg, Natal
Performed in-service training of teacher-librarians of the Department of Education: House of Representatives - 1988 - Pietermaritzburg, Natal

Related professional development

2007	Certificate in Advanced Technologies for Distance Education – University of West Georgia, USA
2003	Qualifications from the ICDL Foundation www.icdl.org.za ICDL Expert – Certificate number ADV001 - passed Basic, and Advanced spreadsheets, Advanced presentations, Advanced databases and Advanced word processing

Recent publications, presentations and conference papers

Books

Teaching-Learning dynamic edited by Monica Jacobs – published by Heinemann – October 2010 – chapter on Information and Communication Technologies – ISBN ???

Computers part of your life: Book 3 – A textbook for Computer Applications Technology – published by Study Opportunities – 2006 and updates – ISBN 1 919867 56 2 - Collaborated on and contributed to

Computers part of your life: Book 2 – A textbook for Computer Applications Technology – published by Study Opportunities – 2006 and updates – ISBN 1 919867 51 1 - Collaborated on and contributed to

Computers part of your life: Book 1 – A textbook for Computer Applications Technology – published by Study Opportunities – 2005 and updates – ISBN 1 919867 48 1 - Collaborated on and contributed to

Article in *Towards understanding* - published by Maskew Miller Longman - 1988 - ISBN 0 636 01091 0

Book Education lessons / Boekopvoedinglesse - a bilingual book of lessons for the senior primary and junior high school published by Maskew Miller Longman - 1988 - ISBN 0 636 01078 3

Papers

Factors that influence interaction of high school learners with information in a digitally enhanced environment – World Conference of Computers in Education – June 2005 – Stellenbosch, South Africa

The importance of computers in education and how to integrate them in schools – Meeting of the Computer Society of South Africa (Western Cape chapter) - 2004

Influences affecting the information interaction of South Africa FET learners - Africa Connects conference - July 2001 - Cape Town

Introducing kids to the web - The Teacher Edutex Expo 2000 - March 2000 - Cape Town

Teaching via the Internet at Western Cape School's Network conference - July 1998 - Cape Town

A model for the integration of computers in schools at Future World - Educating for the 21st century conference - December 1997 - University of Cape Town

The Introduction of Computer Studies Standard Grade at Pinelands High School 1997 - Western Cape Schools' Network conference - September 1997 - Cape Town

Referees

Antony Reeler – Headmaster, Pinelands High School, Forest Drive, Pinelands, 7405, South Africa ☎ 021 531 7410 (Office) ☎ 083 330 5437

Johannes Cronje – Dean - Faculty of Informatics and Design, Cape Peninsula University of Technology, Cape Town, 0001, South Africa ☎ 082 558 5311

Rosalyn Rowe – Lecturer - Faculty of Education and Social Sciences, Cape Peninsula University of Technology, Cape Town, 0001, South Africa ☎ 021 680 1524