

Assoc Prof André du Plessis

ASSOC PROF ANDRE DU PLESSIS



Assoc Professor André du Plessis is Head of Programme and Head of Department of the PGCE at the Nelson Mandela Metropolitan University (NMMU) in Port Elizabeth, South Africa. His field of interest is Information and Communication Technologies (ICTs) and Primary School Mathematics Education. He joined the NMMU in 2007. Prior to his academic career, he was Head of Department of Mount Pleasant Primary School in Port Elizabeth. He always tries to be innovative and adopt new technologies and approaches for teaching and learning. In 2011 he received the Teacher of the Year Award within the Faculty of Education, as well as the NMMU Teacher of the Year Award. In 2013 he was awarded the HESA Scholarship, a scholarship awarded to thirty young academic leaders in South Africa. In January 2015 he received the Teaching Advancement at University Scholarship.

His research interests are Conflict Management, ICT implementation and integration in education, social media for teaching and learning, learning as design, intermediate phase school mathematics teacher professional development and learners' misconceptions in the intermediate phase.

He assists primarily disadvantaged schools and has developed a heuristic for ICT implementation, as well as the $C^2RHOAR^3FS^2R^2$ framework for professional teacher development. His ICT project in disadvantaged schools has received funding from the Hermann Ohlthaver Trust and his engagement with participating schools has resulted in research papers being published in several national and international accredited academic journals on ICT related aspects. In 2012 he was awarded the NMMU Emerging Engagement Award for the best emerging engagement project, as well as the NMMU Emerging Researcher of the Year within the Faculty of Education. His first MEd student graduated in 2013, cum laude and his second student cum laude too in 2014. He delivers ICT related papers and presentations at academic conferences and is invited to present at schools, local conferences and international conferences regularly on ICT in education related aspects. Currently he is busy to investigate and to convert DVDs based on the Khan Academy Mathematics and Science portal that can be played on any DVD player in order to assist learners who do not have access to the internet to view this content offline. Another project is using cartoon story maker software to assist learners with literacy development as well as the learner-designed Cyberhunts.

He also serves on the executive of the International Organisation of Science and Technology Education (IOSTE) and is co-editor in chief of the newly established online journal, Educational Research for Social Change (ERSC), serves on various academic editorials e.g. the International Journal of Baltic Science and also design and maintain websites for IOSTE and ERSC respectively. In addition, he also serves on various Faculty and University Committees and is also serving the

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community as the School Governing Body (SGB) Chairperson of Summerwood Primary School in Summerstrand, Port Elizabeth (2012-2015).

CURRICULUM VITAE

Assoc Prof André du Plessis

HDE (PETC) with distinction, BA (UPE) cum laude, MEd (Rhodes University) cum laude, PhD (NMMU)

Personal Website

<http://andreduplessis.nmmu.ac.za/>

QUALIFICATIONS, PROFESSIONAL REGISTRATION AND DISCIPLINE-BASED KNOWLEDGE

WORK EXPERIENCE AND QUALIFICATIONS

Current position

Associate Professor Nelson Mandela Metropolitan University (January 2015)

Senior Lecturer, Nelson Mandela Metropolitan University (January 2012 onwards)

HOD / HOP (Head of Department / Head of Programme) PGCE (appointed 2013)

Previous positions

Lecturer: Nelson Mandela Metropolitan University (2007 to 2011)

Lecturer: Advanced Certificate in Education (ACE) Information Communication Technology (ICT) at Nelson Mandela Metropolitan University [Contract Based] (February 2005- December 2006)

Head of Department: Mount Pleasant Primary School (July 1996 to 31 May 2007)
[Afrikaans & Mathematics]

Teacher: Newton Park Primary (July 1994 to March 1996) [Afrikaans & Mathematics]

Teacher: Tjaart van der Walt Primary (January 1993 to June 1994)

Lecturing, teaching & school experience

2 years part time (Nelson Mandela Metropolitan University)

7 years and 6 months full time (Nelson Mandela Metropolitan University)

15 Years (School based, Department of Basic Education)

Qualifications

Matric [1985]

Higher Diploma in Education, 4 year qualification, Port Elizabeth Teachers College (Distinction – Cum Laude) [1989] [Afrikaans as 4 year major as well as Mathematics as 4 year major subject. Afrikaans included from 1st to 4th year the following: Afrikaans Language Grammar, Afrikaans Literature & Poetry, Afrikaans Methodology. Also completed Speech and Drama as a subject. Received the prize as the BEST AFRIKAANS TEACHER as well as the FAK Medal as BEST AFRIKAANS METHODOLOGY & PRACTICE TEACHING student in 1988 and 1989. Also received the SAOU Award for being the best Practice Teaching Student in 1989]

BA Degree, University of Port Elizabeth (Cum Laude) [1991] [History, Biblical Studies & Education as major subjects]

B-Ed Honours Elective ICT Module [ICT implementation, strategies and management], Rhodes University (Distinction) [2000]

Master's Research Thesis section (ICT in Education), Rhodes University (Cum Laude) [2004] [ICT hypermedia for teaching and learning as focus]

PHD (ICT in Education), Nelson Mandela Metropolitan University (NMMU) [2010] [Focus on school management aspects, ICT implementation and management, ICT strategy developed and implemented, management & implementation of ICT within schools]

Continuing professional development activities undertaken

Supervision SLP: Yearlong SLP, Faculty of Education (2014)

Faculty Curriculum Engagement Activities (2013)

Workshop: Thesis writing and supervision by Dr Hofsted (2012)

Workshop: Guiding your students regarding theoretical frameworks (2012)

Workshop: Academic Engagement (2012)

Attending academic faculty writing retreats (2008, 2010)

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Attending a workshop on Academic writing presented by Dr Estelle Troskie De Bruyn (2009)

Attending a supervising workshop presented by Dr Chris Kapp (2007)

Attending the workshop on supervising presented by the international renowned Hewsons (2010)

Initial Lecture Training (June 2007) by Mrs Elsa Lombard en Dr Robert Gerber

Writing your philosophical teaching and learning position (2008) by Mrs Elsa Lombard en Dr Robert Gerber

ACHIEVEMENTS IN TEACHING AND LEARNING

Special Prestigious NMMU Teaching Awards

NMMU Distinguished Teacher Award: Awarded for Five Years (2014) [Highest Award]

NMMU Teacher of the Year (2011)

Teacher of the Year: Faculty of Education (2011)

Emerging Teacher of the Year: Faculty of Education (2010)

Leadership Awards

Higher Education South Africa HESA LEAD Leadership Scholarship (2013)

Awards for Academic Excellence

Council Medal: Best 4th year student (1989)

SAOU-Award: Best Teacher Student in Final year (1989)

Maskew Miller Longman-Award: For Excellence in Practical Teaching: Best Student (1989)

FAK Medal for best Afrikaans Method Teaching Student (1989)

Rector's Medal: Best 3rd year student (1988)

FAK Medal for best Afrikaans Method Teaching Student (1988)

Curriculum renewal and development

Leading the Post Graduate Certificate in Education (PGCE) curriculum renewal process (2013 onwards)

Submission of new PGCE in 2014 to APC: Accepted (October 2014)

University based teaching positions & experience

WRX103 ICT module (ACE Computer Literacy for School Leadership) for the NMMU in 2009 and updated every year. Also module coordinator.

PICM201: Curriculum Studies - Concepts and Methodology in Mathematics: Numbers Concept (2007 onwards)

PICM202: Curriculum Studies - Concepts and Methodology in Mathematics: Measurement (2008 onwards)

PICM301: Curriculum Studies - Concepts and Methodology in Mathematics: Data Handling, probability and Space and Shape (2008-2010)

PICM302: Curriculum Studies - Concepts and Methodology in Mathematics: Numbers Concept: Space and Shape (2008)

PSMT101 module (BEd Senior Primary: Concepts of Numbers and Algebra) for the NMMU (2008-2011)

PSED305 module (BEd Senior primary and FET: Research Methodology in Education) for the NMMU (2008-2012)

PSPL301 module (BEd Senior primary and FET: RPL in Mathematics and Science Education) for the NMMU (2008-2012)

PSPL201 module (BEd Senior primary and FET: RPL in Mathematics and Science Education) for the NMMU (2008-2011)

Edit and re-design PHE408 Research module in honours degree module (2010)

School based teaching positions & experience

Head of Department: Mount Pleasant Primary School (1996 to 2007): Afrikaans, Mathematics, Technology, Social Sciences, Life Orientation, Economical and Management Science

Teacher: Newton Park Primary (1994-1996): Afrikaans, Mathematics, Science, Woodwork

Teacher: Tjaart van der Walt Primary (1993-1994): English & Woodwork

Presentations at NMMU

Using ICT for teaching and learning - Inclusivity: Presented at the book launch of Dr Christo Pienaar, September 2014

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Using ICT for teaching and learning: Presented at the Faculty of Education's Humanising Pedagogy week, August 2014

ICT practices: Presented at NMMU Teaching and Learning Break Away, June 2014

Educational Research for Social Change (ERSC)

Initiator of the NMMU journal: Educational Research for Social Change (ERSC)

Co Editor-in-Chief of Educational Research for Social Change <http://ersc.nmmu.ac.za>

Facilitation, training and development of school-based teachers

Writing Learning Area Policies (2005)

Designing Reports based on the RNCS (2005)

Portfolio Assessment and the RNCS (2005)

Computer Integration into the Curriculum: Social Sciences & Natural Sciences (2005)

Computer Integration in the Curriculum at Port Elizabeth Technikon (2004)

Training of staff in IQMS procedure (2004)

Develop Textbook evaluation form in collaboration with staff (2004)

AMESA Mathematics Conference: Project Based Learning and Game Design (2003)

Newspaper Design for 8 schools in collaboration with Die Burger newspaper (2003)

Desktop Publishing for Newspapers for 8 schools: Microsoft Publisher in collaboration with Die Burger newspaper (2003)

Portfolio assessment and development of 30 teachers from Port Elizabeth (2002)

Rubrics, Checklists and Constructivist Theory for 50 teachers from Port Elizabeth (2002)

Training of staff in methods for continuous evaluation (1995-2002)

Assessment and the paradigm shift in Outcomes Based Education (2002)

Thinking differently: Developing all the learners' skills (2002)

Training of staff of various schools in the surrounding areas how to set up Outcomes Based Education Reports (2000-2001)

Training of staff in Outcomes Based Education basics (1999)

Training of staff in Time Management (1999)

Training of Staff in Computer Literacy (1999-2000)

Training of staff skills in writing report remarks (1996)

Training of staff in Creativity Techniques to be used in the classroom (1997)

Training of staff in using Newspapers for language use in the classroom (1996)

Training of staff in selecting text books that suit their needs (1999)

Supervision completed successfully

Supervision of thesis, Mr G Cain: Educator's perceptions of conflict at three Northern Area Schools in Port Elizabeth: A Case Study [Full MEd Thesis]. Student graduated cum laude in 2013

Supervision of thesis, Mrs B. Subramanien: Exploring teachers' perceptions of the barriers and solutions to using one teacher laptop per class in a multi-grade context: The case of Intel® Teach – ICT implementation. [Full MEd Thesis]. Student graduated cum laude in 2014.

[Both thesis include school management related aspects as well as 'how to' aspects]

ACHIEVEMENTS RELATED TO RESEARCH AND CREATIVE WORKS

Special Prestigious Research Awards

NMMU Faculty of Education: Emerging Researcher of the Year (2012) [Field of Research: ICT in Education]

Research Leadership, Positions & Committees

Initiator of Educational Research for Social Change (ERSC): Blind Peer-Reviewed Academic Journal [Initiating and establishing research publication platform]

Co Editor-in-Chief of Educational Research for Social Change <http://ersc.nmmu.ac.za> [2012 onwards]. Applied for accreditation at the Department of Higher Education in 2014

Web designer and maintaining Educational Research for Social Change (ERSC) online

Plenary Speaker

Du Plessis, A. (2014). An ICT learning-to-design heuristic to promote science learning: using PowerPoint in an "unintended" mode. Plenary keynote to be presented at the Eastern Europe IOSTE National Conference, Hradec Karlove University, Czech Republic, 15-18 September 2014.

Du Plessis, A. (2014). Cyberhunts: Technology usage meeting levels of cognitive thinking and critical outcomes in all subjects, including science. Video keynote presented at the

NATURAL SCIENCE EDUCATION IN COMPREHENSIVE SCHOOLS 2014 Conference, Panevėžys, 25–26 April, 2014.

Du Plessis, A. (2013). Wikis and PowerPoints as cognitive development tools in Scientific Literacy. International Scientific Conference, “Information & communication technology in natural science education – 2013”, 23-27 October 2013, Siauliai, Lithuania

Du Plessis, A. (2011). Internet learning through learners as designers of Extended Cyberhunts: A South African Developed Strategy. Presentation at the Africa Higher-Ed ICT Conference, Johannesburg, 30-31 March 2011.

Also conference chairperson at Africa Higher-Ed ICT Conference, Johannesburg, 30-31 March 2011.

ISI an IBSS indexed journals

Du Plessis, A. (2015). Rethinking traditional science teaching through infusing ICT learning embedded by a ‘learning-as-design’ approach. *Journal of Baltic Science Education*, 14(1), 4-6 [Special invited Editorial]

Du Plessis, A., & Webb, P. (2012). Teachers’ perceptions about their own and their schools’ readiness for computer implementation: A South African case study. *Turkish Online Journal of Educational Technology*, 11(3), 312-325

Du Plessis, A., & Webb, P. (2012). A teacher proposed heuristic for ICT professional teacher development and implementation in the South African context. *Turkish Online Journal of Educational Technology*, 11(4), 46-55.

Du Plessis, A., & Webb, P. (2012). Digital immigrant teacher perceptions of an extended Cyberhunt strategy. *Australasian Journal of Educational Technology*, 28(2), 341-363.

Du Plessis, A., & Webb, P. (2011). An extended Cyberhunts strategy: Learner centred learning-by-design. *Australasian Journal of Educational Technology*, 27(7), 1190-1207.

Du Plessis, A. & Webb, P. (2008). Generative use of computers: Promoting critical outcomes of the South African curriculum. *Education as Change*, 12(1), 15-27.

DHET accredited journals

Du Plessis, A. & Webb, P. (2011). An extended 'learning by design' framework based on learner perceptions. *African Journal of Research in Mathematics, Science and Technology Education*, 15(2), 16-29.

Articles in refereed journals

Du Plessis, A. & Subramanien, B. (2014). Voices of despair: Challenges of multi-grade teachers in a rural district in South Africa. *Educational Research for Social Change*, 3(1). 20-36.

Cain, G. & Du Plessis, A. (2013). Teachers' perceptions of the consequences of interpersonal conflict: A case study in three primary schools. *Problems of Management in the 21st Century. Managing in a changing Society*, 8, 25-41.

Du Plessis, A. (2013). Wikis and Power Points as cognitive development tools in Scientific Literacy: A Proposed Heuristic. *Problems in Education in the 21st Century*. 57, 25-47.

Articles in refereed conference proceedings

Du Plessis, A. (2013). Wikis and PowerPoints as cognitive development tools in Scientific Literacy. International Scientific Conference, "Information & communication technology in natural science education – 2013", 23-27 October 2013, Siauliai, Lithuania

Du Plessis, A. & Webb, P. (2012). A proposed ICT implementation heuristic for schools in disadvantaged contexts: An African perspective from South Africa. *Science & Technology Education for Development, Citizenship and Social Justice, IOSTE 15 Symposium, La Medina - Yasmine Hammamet, Tunisia, October 28 to 03 November 3, 2012.*

Du Plessis, A. & Webb, P. (2012). A heuristic for higher level student cognitive thinking and questioning through collaborative student designed wiki-based Cyberhunts. *Seventh International Conference on Science, Mathematics and Technology Education, Muscat, Oman, November 4 to 7, 2012.*

Du Plessis, A. & Webb, P. (2010). The CRAR³FS² framework for developing teachers' ICT skills for Science Education through Cyberhunts. *Socio-cultural and Human Values in Science and Technology Education, IOSTE 14 Symposium, Bled, Slovenia. 361-371.*

Du Plessis, A. & Webb, P. (2009). Learners' perceptions of the skills developed through creating a collaborative hypermedia product. *Proceedings of the 17th Annual SAARMSTE Conference. Grahamstown, South Africa. 104 -120.*

Presentations at conferences, not in proceedings

Du Plessis, A. & Bean, P. (2014). Conceptualizing a rigorous (vigorous) & relevant PGCE for 21st century teaching. *Symposium on Academic Depth & Rigour in Initial Teacher Education Programmes, 30-31 October, WITS, Johannesburg, South Africa*

Du Plessis, A. (2014). Cyberhunts: Technology usage meeting levels of cognitive thinking and critical outcomes in all subjects, including science. Video keynote presented at the

NATURAL SCIENCE EDUCATION IN A COMPREHENSIVE SCHOOLS 2014

Conference, Panevėžys, 25–26 April, 2014.

Du Plessis, A. (2013). A heuristic for ICT implementation in schools and FET colleges. Presentation at 4th Annual ICT in Higher Education, Johannesburg, 18-19 March 2013.

Du Plessis, A. (2012). Can we continue with ICT devices the way we are currently?- The road ahead & A New Internet Teaching Strategy. Presentation at Inspiring Teachers Conference, Nelson Mandela Metropolitan University, Port Elizabeth, South Africa, 03 August 2012.

Du Plessis, A. (2011). Internet learning through learners as designers of Extended Cyberhunts: A South African Developed Strategy. Presentation at the Africa Higher-Ed ICT Conference, Johannesburg, 30-31 March 2011.

Conference chairperson of the Africa Higher-Ed ICT Conference, Johannesburg, 30-31 March 2011.

Presentation as part of keynote introduction: ICT usage trends – Setting the scene for the Africa Higher-Ed ICT Conference Africa Higher-Ed ICT Conference, Johannesburg, 30-31 March 2011.

Du Plessis, A. (2010). Action Research might hold the key to improving teachers' mathematics practices. Presentation at AMESA 2010 Mathematics Conference in Port Elizabeth.

Du Plessis, A. (2009). The CRAR³FS² framework for developing teachers' ICT skills for e-Education. Presentation and paper at Walter Sisulu University E-Learning Conference on 3-4 November 2009.

Du Plessis, A. (2003). Paper delivered at AMESA Mathematics Conference in Port Elizabeth: Project Based Learning and Game Design in Mathematics.

Presentation at research seminars

Present to MEd & PhD students (2014) on invitation from the Head of PhD studies, Prof Naydene de Lange

Presenting at Faculty of Education Seminar Series

Reviewer for journals

African Journal of Research in Mathematics, Science and Technology Education: ICT related articles (2009-2011)

Perspectives in Education: ICT Articles (2011 onwards)

Educational Research for Social Change: ICT for Social Change articles (2012 onwards)

Journal of Baltic Sciences (2013 onwards)

Supervision completed successfully of FULL THESES

Supervision of thesis, Mr G Cain: Educator's perceptions of conflict at three Northern Area Schools in Port Elizabeth: A Case Study [Full MEd Thesis]. Student graduated cum laude in 2013

Supervision of thesis, Mrs B. Subramanien: Exploring teachers' perceptions of the barriers and solutions to using one teacher laptop per class in a multi-grade context: The case of Intel® Teach – ICT implementation. [Full MEd Thesis]. Student graduated cum laude in 2014.

[Both thesis include school management related aspects as well as 'how to' aspects]

External examiner

External Examiner for Rhodes honours ICT in 2008

External Examiner for University of Pretoria honours ICT in 2013 onwards

External moderator for Walter Sisulu University: Mathematics 2012, 2013, 2014

External examiner of theses

Examiner of MEd thesis from Rhodes University 2008

Examiner of MEd thesis from University of Cape Town 2013

Examiner of MEd thesis from University of Pretoria 2013

Examiner of MEd thesis from University of Pretoria 2014

Examiner of MEd thesis from University of Cape Town 2014

Examiner of MEd thesis from University of Cape Peninsula 2014

Examiner of PhD thesis from University of the Free State 2014

External service to the discipline/profession

Serve on International IOSTE board as representative (2010-2014)

Assisted Eastern Cape Department of Education with its ICT Draft Policy at the LAIS Conference (December 2010)

The use of ICT in teaching and learning (Walter Sisulu University, November 2009)

Teacher development in the Eastern Cape: Swinging the tide (LAIS Congress of the Department of Education, December 2009)

The Matric results (Herald, January 2010)

ACHIEVEMENTS IN ACADEMIC ENGAGEMENT

Special Prestigious Engagement Awards at NMMU

NMMU Emerging Engagement Award for ICT: Best Emerging Engagement Project for ICT in Education in Schools (2012) [Field of Engagement: ICT in Education which also includes School Management]

Leadership in engagement and research

Head of the Science, Mathematics and Technology Unit in the Faculty of Education (2014)

University based community and engagement projects

SAB ICT project to improve Mathematics and Science Education: Sandizulwazi School in Paterson (2012 onwards)

Hermann Ohlthaver Trust Wireless Internet Connectivity Project : Computers in schools at Missionvale: Developing teachers for ICT implementation and Integration at their schools (2009 onwards) www.nmmu.ac.za/helpingteachers/individualprojectduplessis

ABSA SMIS DELL computers in schools at Missionvale: Developing teachers for ICT implementation and Integration at their schools (2008-2009)

SOS Schools Project for principals (2009) with Prof Paul Webb & Dr Johann McFarlane

Engagement Presentations at NMMU

Invited to present on Engagement at the Engagement Colloquium Presentation on 27 October 2014, to be held at the North Campus Conference Centre

ICT reports, proposals, budgeting and presentations

Yearly ICT Herman Ohlthaver Trust reporting (2009 onwards)

Proposal for ICT plan for Summerwood Primary School, Port Elizabeth (2012)

Inexpensive Wireless Tablets Testing Findings (2012)

Hermann Ohlthaver Trust Wireless Internet Connectivity Proposal writing and Presentations to director and group (2010 onwards)

Reviewer for journals

African Journal of Research in Mathematics, Science and Technology Education: ICT related articles (2009-2011)

Perspectives in Education: ICT Articles (2011 onwards)

Educational Research for Social Change: ICT for Social Change articles (2012 onwards)

Journal of Baltic Sciences (2013 onwards)

Application of disciplinary knowledge & expertise in facilitating learning tailored to the needs of the external community (incl. SLPs, seminars, CPD workshops, public talks)

ABSA SMIS DELL computers in schools at Missionvale: Developing teachers for ICT implementation and Integration at their schools (2008-2009)

SOS Schools Project for principals (2009) with Dr Johann McFarlane

DG Murray Trust: Computer Literacy for teachers (2011-2013)

Herman Ohlthaver Trust ICT Project (2010-2013)

Development of SLP for School Educators for ICT (2012)

Actively participates in projects directed at economic, social & cultural development locally/nationally

NMMU Faculty of Education: Emerging Researcher of the Year (2012) [Field of Research: ICT in Education]

NMMU Emerging Engagement Award for ICT: Best Emerging Engagement Project for ICT in Education in Schools (2012) [Field of Engagement: ICT in Education]

ABSA SMIS DELL computers in schools at Missionvale: Developing teachers for ICT implementation and Integration at their schools (2008-2009)

SOS Schools Project for principals (2009) with Dr Johann McFarlane

DG Murray Trust: Computer Literacy for teachers (2011-2013)

Herman Ohlthaver Trust ICT Project (2010-2014)

Facilitation, training and development of school-based teachers

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Training of staff in using Newspapers for language use in the classroom (1996)

Training of staff in selecting text books that suit their needs (1999)

COMMUNITY LEADERSHIP & INVOLVEMENT

School based leadership positions & committees

Member of Mount Pleasant Primary School Governing Body (1996-2007)

Treasurer: Port Elizabeth Primary Schools Rugby Football Union (2005-2007)

Chairperson of Mount Pleasant Primary School Marketing Committee (1996-2007)

Member of Mount Pleasant Primary School Senior Management Team (1996-2007)

Community leadership

Chairperson of SGB: Summerwood Primary School SGB (Elected 2012 until 2015)

Municipal Ward Committee Member: Education Portfolio (2004-2005)

ADDITIONAL INFORMATION

FACULTY ADMINISTRATION

Leadership Awards

Higher Education South Africa HESA LEAD Leadership Scholarship (2013)

Leadership positions & committees

HOD/HOP (Head of Department / Head of Programme) PGCE (Appointed 2013)

Head of the Science, Mathematics and Technology Unit in the Faculty of Education (2014)

Member of the NMMU Teaching and Learning Committee (2012 onwards)

Facilitating the PGCE Curriculum Renewal Process (2013)

Organiser of Inspiring Teachers and Student Teachers Conference – ICT: Social Media, iPads and the Y-Generation as Main Themes (NMMU, August 2012)

Member of quarterly NMMU HOD ICT meeting (2010 onwards)

Initiator and Co-editor in Chief of Education Faculty Academic Journal: ERSC (2010)

Member of ERTIC (2010, 2011, 2012, 2013, 2014)

Member of Faculty Board Committee (FMC) (2013 onwards)

Represent Education Faculty on Media Innovation Committee, led by Mr Paul Harper (2010)

Member of ERTIC sub-committee responsible for proposal on Funding Allocation Model (2010 onwards)

Member of Blended Learning Committee with Prof Cheryl Foxcroft (2011 onwards)

Module coordinator of several on- and off-campus modules:

Primary School Mathematics (PICM201, PICM202, PICM301 and PSMT101)

Portfolio Based Modules (PSPL201, PSPL301)

Research Based Module (PSED305)

ICT for School Leaders (WRX103)

Media (PEMC203)

Curriculum renewal and development

Leading the Post Graduate Certificate in Education (PGCE) curriculum renewal process (2013 onwards) in the Faculty of Education

ICT for Administration & Software design

Administrative Software Design using Microsoft Access for Mount Pleasant Primary School (2000-2006)

Design of School Administration System for Mount Pleasant Primary School: Microsoft Access (2003 to 2007)

Design of Computerized Stock Control System for Mount Pleasant Primary School: Microsoft Access (2003 to 2007)

Design of Athletics Computerized System for Mount Pleasant Primary School: Microsoft Access (2003 to 2007)

Design of School Budget (1998 in Microsoft Excel and onwards to 2007)

ICT software experience

Moodle: Managing Modules, Adding Content and Media on Moodle on NMMU LEARN Portal (<http://learn.nmmu.ac.za>)

Creating iPad online content for learning: Educreations

Using iPads for teaching and learning: Doceri and Splashtop Suites

CamStudio, BlueBerry Express: Creating Online Content

Internet and Web design: WYSIWYG WebBuilder, FrontPage, DreamWeaver, Visual Page, Word: www.nmmu.ac.za/helpingteachers/individualprojectduplessis

Adding Multi Media, sound and JAVA to web pages

PowerPoint Presentations

E-Mail: Outlook, Netscape, Pegasus

Graphic Design: Microsoft Photodraw, Xara Web Styles

Spreadsheets: Excel

Databases: Microsoft Access Data Base Design

Word-processing: Microsoft Word

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Designing and Newspaper Software: Pagemaker & Microsoft Publisher

Operating Systems: Microsoft Windows XP/VISTA/Windows 7/Windows 8 & Linux

Assembling of computers, trouble shooting and repairing

Installation and maintenance of Internet connections

REFERENCES

EXTERNAL NATIONAL REFERENCES

- Prof Johannes Cronje
 - Dean of the Faculty of Informatics and Design
 - Cape Peninsula University of Technology
 - Cell: +27825585311
 - Email: johannes.cronje@gmail.com
- Prof Cheryl Hodgkinson-Williams
 - Professor of information communication technologies (ICT) in education
 - University of Cape Town
 - Tel: +27 21 650 5030
 - Email: cheryl.hodgkinson-williams@uct.ac.za
- Mr Markus Mostert
 - Centre for Higher Education Research: Teaching and Learning
 - Rhodes University
 - Phone: +27 (0)46 603 7385 (w)
 - Phone: +27 (0)46 603 8010 (h)
 - Cell: +27 (0)82 416 0571
 - Email: m.mostert@ru.ac.za
- Dr Moira Keane
 - Academic advisor-educator in the Centre for Learning Teaching and Development
 - University of the Witwatersrand
 - Cell: 072 1377637
 - Tel: 011 7171488

- Email: moyra.keane@wits.ac.za
- Prof Lesley Wood
 - Research Professor
 - Faculty of Education Sciences
 - NORTH-WEST UNIVERSITY
 - POTCHEFSTROOM
 - Co-editor: Educational Research for Social Change.<http://ersc.nmmu.ac.za>
 - Tel +27-18-299 4770
 - Mobile: +27 082 296 9202
 - Email: lesley.wood@nwu.ac.za

EXTERNAL INTERNATIONAL REFERENCES

- Prof Vincentas Lamanuskas
 - Siauliai University, Faculty of Education
 - P.Visinskio Street 25-119
 - LT-76351 Siauliai, Lithuania
 - Tel: +370 687 95668
 - Email: v.lamanuskas@ef.su.lt
 - Email: vincentaslamanuskas@yahoo.com
- Prof Martin Bilek
 - University of Hradec Kralove
 - Rokitanskeho 62, CZ-500 03 Hradec Kralove, Czech Republic
 - Tel no at work: +420-493332404 (vice-dean office)
 - Tel at home: +420-493697409
 - Mobile/Cell no: +420-777484236
 - Email: martin.bilek@uhk.cz

INTERNAL REFERENCES

- Prof Cheryl Foxcroft
 - Dean of Teaching and Learning

Assoc Prof André du Plessis

- Nelson Mandela Metropolitan University
- Tel 041 504 2332
- Email: cheryl.foxcroft@nmmu.ac.za
- Prof Paul Webb
 - Director of the School for Educational Research and Engagement (SERE)
 - Nelson Mandela Metropolitan University
 - Tel 041 504 4206
 - Email: paul.webb@nmmu.ac.za
- Prof Sylvan Blignaut
 - Head of Programme: MEd
 - Nelson Mandela Metropolitan University
 - Tel 041 504 4086
 - Email: sylvan.blignaut@nmmu.ac.za
- Prof Naydene de Lange
 - Research Chair: HIV & AIDS
 - Nelson Mandela Metropolitan University
 - Tel 041 504 4519
 - Email: naydene.delange@nmmu.ac.za