

STAFF MEMBER	Dr Belinda van der Merwe
DESIGNATION / POSITION	Lecturer and WPL coordinator
TEL. FAX E-MAIL OFFICE	051 5073853
QUALIFICATIONS	B RAD Honnours (UFS) Tertiary Education Diploma (UNISA) M Tech Diagnostic Radiography (CUT) PhD Health Professions Education (UFS)
PORTFOLIO / SHORT CV	<p>Radiography experience: 1983-1985: Student Radiographer at Universitas hospital 1986-1991: Qualified Radiographer 2004-current: Private Radiography practice (Theatre)</p> <p>Educational experience: University of the Free State, Junior Lecturer (Anatomy), 1989 –1990 and 1993 TECHNIKON Free State, Part-time Lecturer and Moderator, 1991, 1992, 1994, 1996 ELYON ACADEMY, Principal of an Independent Christian School, 2000- 2008 CUT part time lecturer, 2009 CUT, Lecturer and Work Integrated Learning Coordinator at 11 hospitals, Free State and Northern Cape, since 2010</p> <p>Registrations International Society of Radiographers and Radiological Technologists (ISSRT) Health Professions Council of South Africa (DR0042595) Irish Institute of Radiography (S423/125) Radiography Private Practice (039 0000178799) Golden Key International Honours Society (13146370)</p> <p>PhD thesis focused on the training and assessment of students in radiation safety requirements. The radiation safety requirement training was implemented in the modules of the new Bachelor in Radiography at the CUT in 2014.</p> <p>Awards 2010 ISRRT Dose wise Radiographer of the year (shortlisted) 2011 Vice-Chancellor's Excellence Award (Early career teaching) 2012 HELTASA - National Excellence in Teaching and Learning Commendation 2014 Prestige Research Day best speaker- staff member</p> <p>South African Teaching Advancement At University (Tau) Fellow</p>
AREAS OF EXPERTISE	Radiation protection Theatre Radiography
PUBLICATIONS	1990. SA RADIOGRAPHER, XXVIII No 2. Neck trauma,18-20 (sole author) 2007. Physica Medica. Radiation Distribution in a Private Neurological Theatre During Invasive Back Pain Management Procedures – Preliminary Results. H. Friedrich-Nel and C.A. Willemse, Volume 23, Issues 3-4, December 2007, Pages 131-132

2009. SA RADIOGRAPHER Skin doses in fluoroscopically guided interventional procedures in back pain management (co author). April 2009, Volume 47 number 1 p7-9

2009. NEUROSURGERY QUARTERLY Radiation dose to the neurosurgeon during back pain management procedures 19 (2):120-131, June 2009 doi: 10.1097/WNQ.0b.013.e.3181a362a9

2010 SA RADIOGRAPHER C-Arm orientation during back pain procedures May 2010, Volume 48 number 1 p 9-14

2010 JOURNAL FOR NEW GENERATION SCIENTISTS (JNGS) Fluoroscopic protocol for invasive back pain management procedures. December 2010. Vol 8 No 1. 286-302

2011 Online journal. Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie. Manuscript URL:

<http://www.satnt.ac.za/index.php/satnt/author/submission/269>

Stralingsblootstelling en beskerming in 'n chirurgiese teater.

2012. South African Journal of Surgery (SAJS) Radiation dose to surgeons in theatre. May 2012, Vol 49, no 2.

2012 South African Journal of Surgery (SAJS). <http://www.sajs.org.za> SASES abstracts: 50th SAGES/SASES. Radiation dose to surgeons in theatre. Congress, 9 - 11 August 2012, Durban. Vol. 50 No. 3.

2013 WIPIMD journal: van der Merwe B: Radiation dose to surgeons in theatre. S Afr J Surg; 2012 May; 50(2):26-9. Keywords: 'Radiation protection in theatre'. <http://wipimd.com/?&stffpg=4250944087fa1d68f35f279195fde37d6cd55338e7da e4d99c5dcc72ffd9211f>

2013 The African Journal for Work-Based Learning. Inaugural Edition. Workplace and Lecture hall synergy. October 2013. Southern African Society for Cooperative Education. Volume 1 no 1 23-27.

2014: SAAHE, Sixth National congress of the South African Association of Health Educationalists (SAAHE): 'Information to Transformation'. The perspective of radiography students regarding demonstrations recorded on video. Umhlanga. Abstracts published: African Journal of Health Professions Education (AJHPE) 2014;6(1):80. OI:10.7196/ajhpe.

2014 ISRRT 18th World Congress. Standardised training and assessment in radiation safety for diagnostic radiographers. Book of Abstracts. 12-15 June 2014. Helsinki. Finland. p 23. http://portfolio-web.ess.fi/www/SuomenRontgenhoitajat/2014_ISRRT/#/1/

2015 EDULEARN15 Proceedings Van der Merwe, B. . 7th International Conference on Education and New Learning Technologies. ISBN 978-84-606-8243-1. ISSN Publisher IATED., 2015. p1409.

<http://library.iated.org/view/VANDERMERWE2015BES>

2016 (May) Radiation safety requirements documents and guidelines for diagnostic radiographers in SA are available in on this website to equip radiographers to apply the ALARA principle: <http://radiationsafe.co.za/>

BOOK(S) OR CHAPTER(S) IN BOOK(S)	
PRESENTED CONFERENCES, SEMINARS, WORKSHOPS	<p>2016 SASA (South African Society of Anaesthesiologists) 2016. Elephants in the room: Radiation safety for the theatre nurse. Refresher course. 27 February, Bloemfontein.</p> <p>2016 TAU (Teaching at Universities Fellowship Program). Mini Congress Unit 3. 9 January, Cape Town.</p> <p>2015 SOTL, CUT Best practice for standardised training and assessment for Diagnostic Radiography, 2 October Bloemfontein</p> <p>2015 RSSA/SORSA Best practice for standardised training and assessment for diagnostic radiography, 7 October Sandton</p> <p>2015 EDULEARN15 BEST PRACTICE FOR standardised training and assessment for diagnostic radiography. 7th International Conference on Education and New Learning Technologies. 6-8 July Barcelona, Spain</p> <p>2015 Prestige Research Day , CUT, The perspective of radiography students Regarding demonstrations recorded on video, October , Bloemfontein.</p> <p>2014 Prestige Research Day, CUT, Standardised training and assessment for radiation safety for diagnostic radiographers. October, Bloemfontein</p> <p>2014 WIL practices. Teaching and Learning Excellence Colloquium, CUT. August.</p> <p>2014 RED Group meeting. Bachelor in Radiography WIL. CUT. August</p> <p>2014 SRRT World Congress. Standardised training and assessment for radiation Safety for diagnostic radiographers.15 June 2014. Helsinki.</p> <p>2013 Prestige Research Day. The perspective of Radiography students regarding practical demonstrations recorded on video. 29 October. CUT.</p> <p>2013 SORSA/RSSA. SORSA/RSSA (Society of Radiographers of South Africa / Radiological Society of South Africa. Lecture hall and workplace synergy. 23-25 August. ICC, Durban.</p> <p>2013 SAGES/SAGINS. Radiation protection during fluoroscopy (screening) in theatre and the scope room. 15-18 August. Champagne Sports Resort.</p> <p>2013 Colloquium on “Best practices in Teaching and Learning” - former recipients of The Vice-Chancellor’s Excellence Awards in Teaching and Learning. 18 July. CUT.</p> <p>2013 SAAHE. The perspective of Radiography students regarding practical demonstrations recorded on video. 26-29 June. Durban.</p> <p>2013 WACE (World conference on Work-Integrated Education). Workplace and Lecture hall synergy. 24-26 June. ICC, Durban</p> <p>2013 SORSA Morning seminar. Radiation protection of patients and staff. 23 February. Japie van Lill. Bloemfontein.</p> <p>2012 Seminar on the OECD report. Co presenter Chapter 4.12 September. CUT</p> <p>2012 E-learning showcase. Clickers in the classroom. Co presenter. 23 August. CUT.</p> <p>2012 SAGES 50th National Congress. Presentation: Radiation protection for patients and staff during fluoroscopy. 9 -11 August 2012, Durban.</p> <p>2011 Prestige Research Day, CUT. ALARA in theatre. Post M – best presentation.</p> <p>2011 SORSA-RSSA Imaging Congress,4-6 March 2011, Durban, South-Africa. Oral presentation. “ALARA in theatre.”</p> <p>2010 Studentesimposium, Akademie vir Wetenskap en Kuns, 4-5 November 2010,</p>

	<p>presentation: "Stralings beskerming in die chirurgiese teater." 2008 15 ISRRT World Congress. 24-27 April 2008, Durban, South Africa. Poster presentation. "Radiation distribution during fluoroscopy in theatre." First prize. 2007 Radiography Morning Seminar, Bloemfontein, August 2007, Radiation Distribution 2007 South Africa Physicists in Medicine Biology Congress and Winter school, Poster presentation: Radiation Distribution in a private neurological theatre, 6-9 June 2007, Pretoria. 2006 Society of Radiographers, Morning Seminar CUTFS01, 13 May 2006. Radiation distribution during fluoroscopy. 2005 Radiography Morning Seminar, Bloemfontein, CUT, 15 October, 2005. Theatre images. 1996 12th National Radiography Conference, Bloemfontein, 21-24 March 1996. Neck Trauma. 1994 Mini Conference, Bloemfontein, 21 October 1994. Paediatric Cardiology</p>
LINKEDIN RESEARCHGATE GOOGLE SCHOLAR PROFILE	LinkedIn