

Curriculum Vitae

Dr D. Moodley

PhD (UWC); MSc Dent (Stell); PDD Aesthetics (Stell); BDS (Mys).



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PhD (UWC); MSc Dent (Stell); PDD Aesthetics (Stell); BDS (Mys).

+27 82 657 3948
 dmoodley@uwc.ac.za
 Dental Faculty,
 University of the Western Cape,
 Tygerberg, Cape Town,
 7505

background

Desigar Moodley,
 South African,
 b. 14 September 1957, Port Shepstone

Dental Education

1982 University of Mysore
 Bachelor of Dental Surgery (BDS)

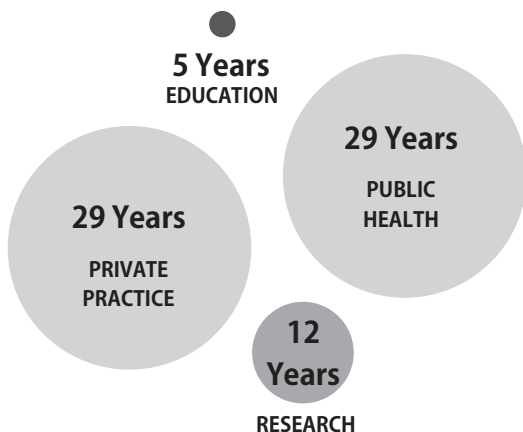
Advanced Education

2018 University of the Western Cape
 PhD Biomedical Sciences (to be completed March, 2018)
2007 University of the Western Cape
 PhD Restorative Dentistry
1999 University of the Western Cape
 Msc Dent Science Restorative Dentistry
1997 University of the Stellenbosch
 PDD Aesthetic Dentistry

Career

2013 to Present Education and Research
 University of Western Cape
1987 to 2012 Private Dental Practice
 Belgravia Crescent, East London, South Africa
1983 to 2012 Public Health
 Frere Hospital, East London, South Africa

Years in Career



Hospital Appointments

1983 to 2012 Senior Dentist
 Frere Hospital, East London, South Africa

Dental Organizational Membership

2016 LOC International Association of Dental Research SA Div. Congress
 Chairperson/Convenor
2013 to Present University of the Western Cape
 Senior Lecturer Restorative Dentistry
2008 South African Dental Association, National Congress. East London
 Member of organizing committee and chairperson of scientific programme
2007 to Present International Association of Dental Research
 Member
2005 to 2006 South African Dental Association Border Kei Branch
 President
2004 to 2005 South African Dental Association Border Kei Branch
 Vice President
2004 to 2006 South African Dental Association Border Kei Branch
 Chairman Peer Review Committee
2004 to 2006 South African Dental Association Border Kei Branch
 Chairman CPD Committee
1983 to Present South African Dental Association
 Member
1983 to Present Health Professionals Council SA
 Registered Member



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Dental Faculty,
University of the Western Cape,
Tygerberg, Cape Town,
7505

education

2018

PhD – Biomedical Sciences

University of the Western Cape, Cape Town, South Africa

Research topic

An in-vitro study of the effects of bioactive materials on human dental pulp stem cells.
To be completed in March 2018.

Project registration number: BM17/7/3. Biomedical Science Research Ethics Committee.

2007

PhD – Restorative Dentistry

University of the Western Cape, Cape Town, South Africa

Research topic

Cytotoxicity of various dentine-bonding agents.

Research: Establishment of Dental Pulp Cells from tooth biopsy and cytotoxicity testing of Dentine Bonding Agents.

1999

Masters in Dental Sciences (MSc Dent).

University of Stellenbosch, South Africa

Thesis topic

An in-vitro study of compomers.

Research topic

Confocal Microscopy of Dentine Bonding Agents and Compomers, Shear Bond Strengths and Microleakage studies.

1997

Post Graduate Diploma in Aesthetic Dentistry – Cum Laude.

University of Stellenbosch, South Africa

1983

Bachelor of Dental Surgery

University of Mysore, India

Gold Medal Student, Best Undergraduate Final Year Student.

1975

Matriculated

Port Shepstone High School, Port Shepstone. South Africa



awards / grants

2017

Research Fund

University of the Western Cape, Cape Town, South Africa

Research project

Use of Bioactive Materials on Dental Stem Cells.

R26992.00

2016

Fellow of International College of Dentists (FICD)

The International College of Dentists (ICD or "College") is the world's oldest and largest honor society for dentists. Fellowship in the College is by invitation only. Nominated dentist must pass a rigorous, peer review process leading to the recognition of the individual's "outstanding professional achievement, meritorious service and dedication to continued progress of dentistry for the benefit of humankind." www.icd.org

2015

Research Grant, Dentistry Development Fund

South African Dental Association

Registered Project

Isolation, Characterisation and Differentiation of Human Dental Pulp-Derived Mesenchymal Stem Cells.

R134 008.69.

2006

Hatton Award

Awarded the Post Graduate Hatton Colgate Award for the best research paper presented at national level.

Cytotoxicity of Recent Dentine Bonding Agents on Mouse Fibroblast Cells. 38th Scientific Congress of the SA Division of the International Association for Dental Research, Johannesburg, South Africa. 2006.

Best Post Graduate Research and Oral Presentation. IADR Competition,

Presented research paper at the IADR, General Session, New Orleans, USA. 2007.

R25 000.00 award

2005

Lever Ponds Fellow

Awarded for research project: Confocal Microscopic Study of Dentine Bonding Agents

R15 000.00 award

2004

Pameijar Fellow

Awarded for research project: Cytotoxicity of Dentine Bonding Agents

R15 000.00 award

1983

Best Out-Going Under-Graduate Dental Student Award

Dr. TMA Pei Gold Medal Student

Undergraduate Awards for Prosthodontics,

Oral and Dental Anatomy,

Pharmacology.



research

“Creating new knowledge through innovation”.

Research philosophy

Innovative Research

Created a new bioactive antibacterial orthodontic cement to prevent demineralization around orthodontic brackets which is a worldwide problem.

Patent: Intend to patent it through Edelweiss Dentistry, Wolfurt, Austria.

Created a new antibacterial intra-canal medicament to kill *Enterococcus faecalis* and *Candida* which is a problem to eradicate in root canal treatment.

Creating a new antibacterial post by modifying the existing Edelweiss post and core system. To be done at Edelweiss laboratory in Wolfurt, Austria.

Currently researching the effects of dental materials on Human Dental Stem Cells. I have registered for a second PhD which involves the innovative use of new bioactive materials to stimulate pulpal repair

Collaboration Research

Stem Cell Research project: I have successfully grown stem cells from teeth and one of the first dental faculty to do so in South Africa. Started to collaborate with Medical Biosciences (Prof T. Monsees) to work jointly on stem cells and its osteogenic potential.

Bioactive Materials Research: The trend internationally is to develop dental materials that have bioactive properties. I have identified this niche area and started this project in our lab. I have a PhD, and two Masters Students working on this project.

I am passionate about research and involved in personal research projects that uses bioactive materials for regeneration of dental tissue, stem cell differentiation and development of novel bioactive pulp capping materials.

publications

- 01 Management of necrotic pulp of immature permanent incisor tooth: A new regenerative endodontic treatment protocol. 2017. DS. Moodley; C. Peck; T. Moodley N; Patel. **South African Dental Journal**. Vol 72 no 3 April 2017
- 02 Local anaesthetics in dentistry. Vasoconstrictors in local anaesthetics. Part 3. DS Moodley. **South African Dental Journal**. May 2017, Vol 72 no 4:176–178
- 03 Local Anaesthetics in Dentistry. Choice of local anaesthetic agents in Dentistry: Part 2. DS Moodley **South African Dental Journal** April 2017, Vol 72 no 3 128-130
- 04 Local Anaesthetics in Dentistry. Part 1. DS Moodley **Oral Hygienist Association of South Africa Journal** Vol 18 No 3, 22-23
- 05 Local Anaesthetics in Dentistry. Choice of local anaesthetic agents in Dentistry: Part 2. DS Moodley **Oral Hygienist Association of South Africa Journal** Vol 18 No 3, 24-25.
- 06 Use of Antibacterial Nanoparticles in Endodontics: A Review. 2017 SADJ. A.I.O. Ibrahim; D.S. Moodley; L. Petrik; N. Patel. **South African Dental Journal** April 2017, Vol 72 no 3 p105 - p112
- 07 Insights into a comparison of three different cements on the push-out bond strength of a glass-fibre post. A. Fortuin, N. Patel, DS Moodley, SR Grobler. 2017. **South African Dental Journal** April 2017, Vol 72 no 3 p126 - p127
- 08 Local Anaesthetics in Dentistry. Local anaesthetics in Dentistry. 2017. DS Moodley **South African Dental Journal** Vol 72 no 1 February 2017 p32 - p34
- 09 A Survey of Dentists' Opinions Regarding Stem Cells in Dentistry. 2016. RA Basson, DS Moodley, A Olivier & NJ Basson. **South African Dental Journal** September 2016, Vol 71 no 8 p351 - p355
- 10 The whitening effect of four different commercial denture cleansers on stained acrylic resin. 2016. R Maart, SR Grobler, HW Kruijse, Y Osman, N Patel, D Moodley. **South African Dental Journal** April. 71 (3):106 - p111
- 11 Comparison of Colour Differences in Visual versus Spectrophotometric Shade Matching. 2015. Moodley DS, Patel N, Moodley T & Ranchod H. **South African Dental Journal** 70(9):402-407.
- 12 components of maxillary central incisors. 2015. Moodley DS, Grobler SR, Osman Y & Kotze. **South African Dental Journal** February 2015, Vol 70 (1). 4–8.



- 13 Towards Bio-active Restorative Materials with Copaiba Oil and Oblepicha Oil: In vitro. Perchyonok VT, Moodley DS, Souza T, de Souza JA, Zhang S, J Dent **Oral Disord Ther** 2015; 3(2): 1-8.
www.symbiosisonline.org
- 14 Bioactive Materials for Temporary Restorations: From Design to Applications. Perchyonok VT, Augusto de Souza J, Zhang S, Moodley D and Grobler S. **Ann Materials Sci Eng**. 2015; 2(2): 1024
- 15 Nano-Diamonds Containing Chitosan Gels as Inter-Canal Medication: From Design to Application In vitro. Jacobs Journal of Regenerative Medicine. V. Tamara Perchyonok, Nicolaas Basson, Rafael Felitti, Shengmia Zhang, DS Moodley. SR Grobler. **Jacobs Journal of Regenerative Med** 1 (10), 001-004
- 16 Hydroxyapatite/Nanodiamond Hydrogels as Potential Materials for Temporomandibular Joint Dysfunction: from Design to Performance in vitro V. Tamara Perchyonok, Shengmiao Zhang, Tatiana Souza, Nickolas Basson, Desigar Moodley and Sias Grobler. 2015. **Int J Oral Health** 1:3
- 17 Temporomandibular Joint Dysfunctions and Bio-Materials: Design, Free Radical Defense and Mechanism In Vitro. Tamara Perchyonok, Tatiana Souza, Desigar Moodley, Nickolas Basson, Shengmiao Zhang, Sias Grobler. **EC Dental Science**. 2015: 2.3:307-316.
- 18 Towards bioactive dental restorative materials with Chitosan and Nanodiamonds: design, evaluation and application. Perchyonok, VT; Grobler SR; Mulder R, Moodley DS. **Int J Dentistry Oral Sci**. 2(9), 147-154.
- 19 Bio-Active Nano Diamond designer materials and dentures: from design to application. V Tamara Perchyonok, John Souza, Shengmiao Zhang, Desigar Moodley and Sias Grobler. (2015) **EC Dental Science** 2015, 3(2):483-495.
- 20 Different Factors Affecting the Micro-leakage Determination of Dental Restorations. SB Ismail, SR Grobler, DS Moodley, Y Osman. **Ciencia Technica Vitivinicola** 30 (5), 76-92. 2015.
- 21 Cytotoxic Effect of Chitosan-H, Resveratrol, β -Carotene and Propolis and their Chitosan Hydrogels On Balb/C Mouse 3T3 Fibroblast Cells. (2014). Grobler SR, Olivier A, Perchyonok TV, D Moodley, Y Osman. **Int J Dentistry Oral Sci**. 1(2), 1-5.
- 22 Cytotoxicity of recent dentine bonding agents on mouse fibroblast cells. Grobler SR, Moodley DS & Olivier. 2008 **Quintessence Int** 2008;39:511–516.
- 23 Cytotoxicity of a dentine bonding agent on four different cell lines. Moodley DS, Grobler SR & Olivier AO. **South African Dental Journal**. 2005;60(6):234-236.
- 24 Cytotoxicity of two concentrations of a dentine bonding agent on 3T3 and human pulp fibroblast cell lines. Grobler SR, Moodley DS, & Olivier. **South African Dental Journal** 2004;59(9):368-72.
- 25 Dentine bonding agents - A review of adhesion to dentine. Moodley DS & Grobler SR **South African Dental Journal** 2002; 57(6):234-8.
- 26 Compomers: adhesion and setting reactions Moodley DS & Grobler SR. **South African Dental Journal** 2003 Feb;58(1):21, 24-8.
- 27 In vitro evaluation of two adhesive systems used with compomer filling materials. Moodley DS, Grobler SR, Rossoauw RJ, Oberholzer TG, Patel N. **International Dental Journal**. 2000;50:400-6.

chapters in books

- 01 **Biomaterials and Designer Functional Applications in Oral Cavity.**
Editors: VT Perchyonok. Chapter 6. Biomaterials in Endodontics and Tooth Whitening: from molecular mechanism to clinical applications. 2016. Nova Science Publishers. VT. Perchyonok, R. Felitti, DS. Moodley and S.R. Grobler
- 02 **Nanomaterials and Regenerative Medicine.**
Editors Yunfeng Lin, Tao Gong. Chapter 11. Temporomandibular Disorders and BIO-IPNs: in vitro approach to find a molecular solution to a biological problem. VT. Perchyonok, SR Grobler, N Basson, DS Moodley, S Zhang. 2016. DOI number: 10.5599/obp.9.9
- 03 **Orthodontics Principles and Practice.**
Editors Phulari. Chapter 13: Management of Midline Diastema. Moodley DS. Jaypee Medical Publishers 2011.
- 04 **Dentine Bonding Agents.**
Editor: Moodley DS. Lambert Publishers, Germany. 2011.
- 05 **Edelweiss Dentistry. Minimally Invasive Aesthetic Dentistry.**
To be written in collaboration with Edelweiss Dentistry, Wolfurt, Austria.



publications and abstracts at scientific congresses

- 01** **Effect of Aging on the Repair Bond Strength of Composite.**
K. Irari, D. Moodley. AMER-IADR Africa Middle East Region Congress/31st East and Southern Africa Division Annual Meeting / 12th Ethiopian Association for Dental Research Annual Meeting / 14th Annual Scientific Conference of IADR Nigerian Division
- 02** **An In-vitro Evaluation of Repair Protocols Applied to Composite Resin.**
K. Irari, D. Moodley, and. Patel J Dent Res:96(A); IADR/AADR/CADR General Session. San Francisco, California 2017.
- 03** **Isolation and Differentiation of Human Dental Pulp Stem Cells**
D. Moodley & A. Olivier. 2016. J Dent Res:95(C). IADR SA Division. Cape Town
- 04** **Survey of Dentists' Opinions Regarding Stem Cells in Dentistry**
R. Basson, D. Moodley, A. Olivier, N. J. Basson. J Dent Res 95(C). IADR SA Division. Cape Town 2016.
- 05** **Antimicrobial properties of Zeolite and Titanium Dioxide containing nanoparticles.**
A. Ibrahim, D. Moodley, L. Petrik, R. Missengue, N. Patel, Y. Osman. 2016. J Dent Res:95(C). IADR SA Division. Cape Town
- 06** **A Spectrophotometric Analysis Of Staining Of Glass Ionomer Cements**
F. Karjiker, D. Moodley. 2016. J Dent Res:95(C). IADR SA Division. Cape Town.
- 07** **Assessment of light intensity of curing lights on different shades of composite**
R. Haffajee, N. Patel, D. Moodley. 2016. J Dent Res:95(C). IADR SA Division. Cape Town.
- 08** **An invitro study of microleakage of nanofilled and nanohybrid dental composites.**
J. Ziegler, N. Patel, D. Moodley. 2016. J Dent Res:95(C). IADR SA Division. Cape Town.
- 09** **Microhardness and Depth of Cure of Dental Bulkfill Composites.**
H. Abughufa, D. Moodley, N. Patel, H. Omar. 2016. J Dent Res:95(C). IADR SA Division. Cape Town.
- 10** **Comparative Microhardness study of Nanohybrid and Nanofill composites.**
C. C. Cloete, N. Patel, D. Moodley. 2016. J Dent Res:95(C). IADR SA Division. Cape Town.
- 11** **Dental Pulp Stem Cells: Isolation and Characterization.**
N. Patel, D. Moodley, A. Olivier. 2016. J Dent Res:95(C). IADR SA Division. Cape Town.
- 12** **An invitro study of the shear bond strength of four resin core buildup materials.**
W. Asia, N. Patel, D. Moodley. 2016. J Dent Res:95(C). IADR SA Division. Cape Town.
- 13** **Analysis of water sorption, water solubility and monomer elution of bulkfill composites.**
H. Omar, D. Moodley, N. Patel, H. Abughufa. 2016. J Dent Res:95(C). IADR SA Division. Cape Town.
- 14** **Staining ability of Glass Ionomer Cements.**
Karjiker F & Moodley D. 2015. J Dent Res:94 (B). IADR SA Division. Pretoria.
- 15** **Concentration of Hydrogen Peroxide in Various Tooth-Whitening Products. 2014.**
Moodley DS & Grobler SR. J Dent Res 93 (C). IADR/AMER General Session. Cape Town, South Africa.
- 16** **Physical properties of current dental nanofilled and a nanohybrid resin composites.**
Patel N & Moodley DS. J Dent Res 93(C). IADR/AMER General Session, 2014. Cape Town, South Africa.
- 17** **Donor Variability of Human Dental Pulp Cells in Cytotoxicity Testing.**
D. Moodley. J Dent Res 87 (C). XXXXI Scientific Meeting of the South African Division . International Association of Dental Research. 2008.



- 18 The Relative Sensitivity of 3T3 vs. Human Fibroblast Cells.**
Moodley D. J Dent Res 86 (B) International Association of Dental Research, Cape Town, August 27-29, 2007.
- 19 Cytotoxicity of recent dentine bonding agents on mouse fibroblast cells.**
40th Scientific Congress of the SA Division of the International Association for Dental Research, Johannesburg, South Africa. 2006.
- 20 Cytotoxicity of a self-etching dentine bonding agent.**
First African and Middle-East IADR Federation Conference Kuwait. 2005.
- 21 A practical model for cytotoxicity testing of dentine bonding agents.**
Scientific Congress of the SA Division of the International Association for Dental Research, South Africa. 2004.
- 22 Cytotoxicity of three recent bonding agents.**
Scientific Congress of the SA Division of the International Association for Dental Research, South Africa. 2003.
- 23 Cytotoxicity testing of two dentine bonding agents.**
35th Scientific Congress of the SA Division of the International Ass. for Dental Research, Durban. 2002
- 24 The relationships within the colour components of maxillary central incisors.**
Scientific Meeting of the South African Division and Skills Transfer Workshop. International Association of Dental Research. 2013, Pretoria, South Africa.
- 25 Donor Variability of Human Dental Pulp Cells in Cytotoxicity Testing.**
XXXXI Scientific Meeting of the South African Division and Skills Transfer Workshop. International Association of Dental Research. 2008.
- 26 The Relative Sensitivity of 3T3 vs. Human Fibroblast Cells.**
Scientific Meeting South African Division of the International Association of Dental Research, Cape Town, August 27-29, 2007.
- 27 Cytotoxicity of recent dentine bonding agents on mouse fibroblast cells.**
40th Scientific Congress of the SA Division of the International Association for Dental Research, Johannesburg, South Africa. 2006.09.03
- 28 Cytotoxicity of a self-etching dentine bonding agent.**
First African and Middle-East IADR Federation Conference 2005. Kuwait.
- 29 A practical model for cytotoxicity testing of dentine bonding agents.**
Scientific Congress of the SA Division of the International Association for Dental Research, South Africa. 2004.
- 30 Cytotoxicity of three recent bonding agents.**
Scientific Congress of the SA Division of the International Association for Dental Research, South Africa. 2003.
- 31 Cytotoxicity testing of two dentine bonding agents.**
35th Scientific Congress of the SA Division of the International Ass. for Dental Research, Durban. 2002.

publications in progress

- Micro-CT evaluation of obturation techniques
- Stem Cell Differentiation from pulp tissue
- Local Anaesthetics in Dentistry 2017: 7 parts SADJ (Invited articles for publication by the Editor)
- Bulk fill Composites Depth of Cure
- Bulk-fill Composites Elution of monomers

reviewed articles for journals

I am asked on a regular basis to review articles for;

- The South African Dental Journal,
- Open Journal of Stomatology,
- Scientific Times – Journal of Dentistry, Columbia, USA.
- I am on the editorial board of the Scientific Times – Journal of Dentistry, Columbia, USA.

research enrichment courses attended

- Post Graduate Supervisors Workshop. UWC April 2013.
- SEM Microscopy Training. Prof Basil Julies. Physics Department, UWC.
- Statistics workshop Prof Madsen. University of Michigan, USA.
- Research Capacity Development Workshop.
- Medical Statistics-SPSS Workshop. Beginners and Intermediate
- Research Supervisor Development Workshop. 2 day workshop. UWC.
- Cmap Tools, Concept maps for project organization
- ATLAS Ti Qualitative Research Data Analysis
- Refworks Reference Management Tool.

I have submitted students to several research competitions including International Association of Dental Research, International Federation of Esthetic Dentistry, and Dentsply Undergraduate Clinician Research Competition.

My student, Dr. Ken Irari won the International Association of Dental Research award for Dental Materials Research, The Heraeus Kulzer Award at the General Session, San Francisco, 2017

My students have won the best Dental Materials Poster Presentation at the International Association of Dental Research 2015 (Dr. Karjiker) and 2016 (Dr. Abugufar) competitions.

I am currently supervising both Masters and PhD students.

I am also involved in mentoring staff in the department and supervising in Master's degree programme.



professional clinical experience

After 20 years of clinical experience driving **strategic growth of dental practice** in East London Area, I developed a highly competitive and professional dental practice. I am passionate, and articulate in English, able to achieve results. Experienced in clinical dentistry, aesthetic dentistry, endodontics, dental research, marketing, public relations, partnership building and management.

University of the Western Cape: 2013-present

Senior Lecturer and Stomatologist.

Mainly involved in supervision of and lecturing to Under-graduate and Post-graduate students, Research, Administration. Module coordinator for Post Graduate Diploma in Aesthetic Dentistry and Post Graduate Diploma in Digital Dentistry.

Dental Private Practice: 1987 – 2012

Focusing mainly on Aesthetic Dentistry and Endodontics

Experience in Oral and Maxillo-Facial Surgery, mostly work done under general anaesthetics at Frere Hospital including treatment of fractured mandibles, removal of wisdom teeth at Frere Hospital, East London.

Department of Health: 1983 – 1987.

Hospital services provided to patients mainly dental extractions, restorations, dentures, maxilla-facial surgery.

I am a **Key Opinion Leader** for Dental Materials and asked to give several lectures at congresses on dental materials. I am also asked by dental companies to test new dental materials and to give expert opinions.

I am a **Key Opinion Leader** for Local Anaesthetics and asked regularly to give talks on local anaesthetics. I am regularly called upon to give expert opinion to dentists should they encounter problems with the usage of local anaesthetics in their practices.

I gave a full day workshop for the manufacturers of local anaesthetics in South Africa, Adcock Ingram.

I was the President of The South African Dental Association (Border Kei Branch). I play a key role in South African Dental Association (SADA) and I am on their panel of preferred speakers in South Africa. I speak regularly at SADA national congresses as well as at branch levels.

I also do several hands-on workshops training private dental practitioners in restorative techniques. I have also been invited to do several workshops internationally as well.



invited talks/workshops at dental congresses

2017

- ⇒ The Learning Curve with Edelweiss Lecture to Indian Workshop. Wolfurt, Austria. December 2017.
- ⇒ Key Opinion Leader Workshop. Wolfurt, Austria. Invited to present lecture on Minimally Invasive Dentistry. May 2017
- ⇒ Invited to talk at the South African Dental Association National Congress. August 2017. Cape Town
- ⇒ Botswana Dental Association Congress.
 - Lecture 1. Edelweiss Dentistry Direct Veneer system
 - Lecture 2. Restoring Endodontically Treated Teeth

2016

- ⇒ Medico legal aspects of Local Anaesthetics, Joint lecture with Dr. Alasdair McKelvie Dental Protection Society UK, South African Dental Association National Congress, Gallagar Estate, Johannesburg
- ⇒ Causes of failure in local dental anaesthesia. SADA Algoa Branch.
- ⇒ Causes of failure in local dental anaesthesia. SADA Pretoria Br.
- ⇒ Causes of failure in local dental anaesthesia. SADA Gauteng Br.
- ⇒ Complications of Local Anaesthetics, to Oral Hygienists SADA National Congress, Gallagar Estate, Johannesburg

2015

- ⇒ Stem Cell Research SADA National Congress, Durban
- ⇒ Western Cape Branch Fancourt. Local Anaesthetics.
- ⇒ Local Anaesthetics, SADA National Congress, Durban
- ⇒ SADA Western Cape Branch Fancourt.
- ⇒ SADA Rustenburg Branch
- ⇒ SADA Tzaneen. Pretoria North SADA
- ⇒ SADA Congress Mpumalanga Branch, Skukuza.
- ⇒ SADA KZN Branch Jewish Club Durban.
- ⇒ State of the Art Dentists Association (SOTA) Study Group, Johannesburg.

2014

- ⇒ 2014 - Dentists Study Group 2 Challenges in Adhesive Dentistry Digital Dental Photography Current trends in Local Anaesthetics
- ⇒ 2014 - Millners/3M invitation Cape Town Current trends in Local Anaes2014 - Millners/3M invitation Johannesburg. Trends in Local Anaest
- ⇒ 2014 - SADA Western Cape AGM lecture: Current trends in Local Anaesthetics February 2014.

2013

- ⇒ 2013 (i) Nomads, Current trends in Local Anaesthetics November
- (ii) Study Group I. Investec Centre, Johannesburg , August
- (iii) Current trends in Local Anaesthetics,
- ⇒ 2013 - Smile On, Clinical Innovations Congress, Vineyard Hotel Cape Town, Feb.

2012

- ⇒ 2012 - SADA National Congress. Causes of Failure in Local Anaesthetics, International Convention Centre, Cape Town, November, 2012.
- ⇒ 2012 - SADA Western Cape Branch Stem Cell Research and its application in dentistry 14th April 2012
- ⇒ 2012 - Endodontic Shaping and Cleaning Canals 28th February 2012 Meander Inn, East London
- ⇒ 2012 - Local Anaesthetics Causes of failure and current trends
- ⇒ 7th March 2012, Department of Health, Health Resource Centre.

2011

- ⇒ 2011 - Intercare National Congress, Local Anaesthetics – causes of Failure and current trends November 2011 Arabella Country Estate, Cape Town.
- ⇒ 2011 - Namibian Dental Congress Hands On Workshop: Anterior Layering Technique, Dentinal Adhesives Update, Recreating Nature using latest restorative technology, Single shade vs. Multi layering natural shading technique to achieve optimum aesthetics. Swakopmund, 16th September 2011.
- ⇒ 2011 - Local Anaesthetics Causes of failure and current trends Mazeppa Bay Dental Congress, June 16th 2011
- ⇒ 2011 - Cape Dental Show. Stem Cell Research and its application in dentistry, May 2011, Cape Town.

2010

- ⇒ 2010 - Dentine Bonding Agents. Study Group 2. St Francis Bay 3rd December 2010 Hands on Workshop: Anterior Layering Technique Recreating Nature using latest restorative technology. Single shade vs. Multi layering natural shading technique to achieve optimum aesthetics. 24th November 2010. Port Elizabeth.
- ⇒ 2010 - New Dentine Replacement Materials. Meander Inn, East London 7th October 2010. Endodontics: Use of Rotary files. Stem Cell Research. OHASA Congress. 16th October 2010 Port Elizabeth.
- ⇒ 2010 - Dentine Bonding Agents. SADA Border Kei Branch Morgan's Bay. 5th June 2010

positions held

2016 Chairperson of International Association of Dental Research (IADR) SA Division Congress held at Spier Wine Estate, 1st, 2nd and 3rd September, 2016. I ran a hugely successful congress with record participation including number of research posters presented. I have also shown a record profit for the IADR division. Many delegates responded "best congress they attended", "organizers have done their faculty proud"

2000 to 2004 2000-2004 - Chairman Continued Professional Development (CPD) Committee, South African Dental Association, Border Kei Branch.

2004 to 2006 2004-2006 - Chairman Peer Review Committee South African Dental Association Border Kei Branch. Member International Association of Dental Research

Member South African Dental Association

Member International Association of Dental Research

Registered with Health Professionals Council SA

other dental/community work

- Performed duties at Empilweni Dental Clinic, East London to underprivileged patients.
- Performed theatre duties at Frere Hospital mainly attending to trauma including treatment of fractured mandibles, removal of cysts, sepsis control.
- Attended rural dental clinics in Queenstown, Cathcart, Stutterheim, Komga and Kei Road dental clinics providing dental care and education to rural and underprivileged children.
- Provided dental care and education to children in schools in rural areas in East London Area.
- Provided dental care to Old Age Homes like Kennersley Park, Fairlands Park and Berea Gardens for the elderly patients. In many instances fabricated dentures at their bedside to patients unable to move or bed ridden.
- Attended to HIV Aids patients providing dental care to patients both in clinics as well as hospital care.
- Provided post-surgery care to oral cancer patients by providing obturators to enable better eating and breathing to these patients.

- Captained school and college soccer teams

other diplomas & courses

Digital Smile Design.

Completed Hands on Course and a certified DSD Member

Flow Cytometry and Stem Cell Sorting.

Certificate of Training. University of Stellenbosch, Cape Town

SPSS Statistical Training Beginner and Intermediate Course

Cochrane Review Workshop. Medical Research Council.

Introduction to Statistics, Prof Madsen, University of Michigan. USA

Research Capacity Development Workshop, Dr. Anita Martin-Caircross, UWC

Research Supervisor Workshop, Dr. Elle Grossman, Wits University.

Teaching and Learning Workshop, Prof. Wendy McMillan, UWC



Elsevier: How to publish in peer reviewed journals

Teaching and Learning Induction, Prof Bozalak, UWC

Toast Master's course on communication, East London.

Computer Hardware Support, Damelin College

Acupuncture. Theory and Practical Training. Tutor: Dr. L. Wertlen MD (UK).

Technical Analysis and Stock Market Analysis. University of Port Elizabeth.

Photography including Macro Photography

Dale Carnegie Leadership and Communication

Radio and TV Presenting, Oakfield College.

Programme designed to give a thorough grounding on the **essentials of radio and TV presenting, voice-overs for advertisements or videos** as well as public speaking.

courses attended

2017

- Speaker at Key Opinion Leader Congress Indirect Restorations, Smile Centre, Edelweiss, Wolfurt, Austria

2016

- Key Opinion Leader Workshop, Indirect Restorations, Smile Centre, Edelweiss, Wolfurt, Austria
- Digital Smile Design, 2 days hands-on workshop. Cape Town. 2016
- South African Dental Association. National Dental Congress, Gallagar Estate, Johannesburg. March 2016. Speaker
- International Association of Dental Research, Cape Town. September 1st, 2nd and 3rd September, 2016

2015

International Federation of Esthetic Dentistry IFED November 5th, 6th, 7th. Cape Town, March 27th

South African Dental Association (SADA) National Congress, Durban

- June 20th SADA Western Cape Branch Fancourt. Speaker
- 16th Sept SADA Rustenburg Branch. Speaker
- 17th Sept SADA Tzaneen. Speaker
- 20th Sept SADA Congress Mpumalanga Branch, Skukuza.
- 20th Oct SADA KZN Branch Jewish Club Durban. Speaker
- 17th Nov SOTA State of the Art Dentists Study Group, Johannes

Key Opinion Leader 3M Workshop Munich, Germany Restorative Dentistry and Local Anaesthetics Workshop

Key Opinion Leader I am considered a Key Opinion Leader for dental materials in South Africa. I am also asked regularly to test and give feedback on new dental materials for 3M and Dentsply dental companies.

Key Opinion Leader Edelweiss Dentistry



academic activity / experience

- Senior Lecturer/Stomatologist
- Postgraduate Diploma - Aesthetic Dentistry Coordinator.
- Postgraduate Diploma - Digital Dentistry Coordinator.
- MSc Clinical Dental Materials Coordinator
- Undergraduate Clinical Supervision
- Supervisor PhD, MSc Students
- Mentoring Staff members, Supervision Masters Degrees.
- Lecture to undergraduate and postgraduate students
- Actively involved in Crown & Bridge Block 5th Year.
- Screening and Treatment of patients at the Dental Faculty.
- Involved in CAD CAM (computer-aided design and computer-aided manufacturing) to improve the design and creation of dental restorations, especially dental prostheses, including crowns, crown lays, veneers, inlays and onlays, fixed bridges, dental implant.

faculty Committees

- Oral and Dental Research Unit-Task Team. Restructuring of the research laboratory
- Chairperson: International Association of Dental Research Local Organizing Committee Chairperson and Convenor IADR Congress 2016.
- Research Committee member, Dentistry
- Research Executive Committee member, Dentistry
- Higher Degrees Committee member, dentistry
- Continued Professional Development (CPD) Committee