## Curriculum Vitae of Lané Prigge

## 1. BIOGRAPHICAL SKETCH

## 1.1 GENERAL INFORMATION

1.1 GENERAL INFORMATION			
Title:	Dr		
Name:	Lané Prigge		
Work Address:	Department of Anatomy, University of Pretoria		
Site address(es):	BMS 4-10, Prinshof campus, Bophelo road 9, Gezina, Pretoria		
NRF Rating	Y2 – Obtained January 2024		
Contact information:	ORCID-ID: https://orcid.org/0000-0002-8168-9238		
Telephone no.:	012 319 2631		
Fax no.:	012 420 4483		
E-mail address:	Lane.prigge@up.ac.za		

1.2 ACADEMIC QUALIFICATIONS OBTAINED				
Degree	Field of study	Higher education institution	Year	Distinctions
B.Sc. Medical Sciences	Medical Sciences	University of Pretoria	2006-2008	
B.Sc. (Hons)	Clinical anatomy	University of Pretoria	2009	Degree Cum Laude
M.Sc. Anatomy	Anatomy	University of Pretoria	2010 - 2013	Degree Cum Laude
Ph.D. Anatomy	Anatomy	University of Pretoria	2014 - 2018	

1.3 WORK EXPERIENCE TO DATE			
Name of employer	Capacity and/or type of work	Period From mm//yy to <i>mm//yy</i>	
Tshwane University of	Part-time Course coordinator: BNSA I	June 2011 to Nov 2011	
Technology	Part-time Course coordinator: Research techniques and methodologies	Jan 2019 to Dec 2019	
Sefako Makgatho Health Sciences University (Previously: University of	Part-time: Junior lecturer Anatomy demonstrator, Prosector, Acting course coordinator	May 2009 to June 2013	
	Full-time: Technologist Prosector	July 2013 to Dec 2016	
Limpopo - MEDUNSA campus)	Full-time: Lecturer Anatomy	Jan 2017 to Dec 2019	
	PROMOTED – Full-time: Senior Lecturer Anatomy	Jan 2020 to Jan 2021	
	Anatomy tutor (SA 4)	March 2009 to May 2009	
University of Pretoria	Assistant Course coordinator	March 2011 to June 2011	
	Full-time: Lecturer Anatomy	Feb 2021 to Dec 2023	
	Promoted: Senior lecturer Anatomy	January 2024 to present	

2.1 Courses presented				
2.1.1 University of Pretoria (2011 - Current)				
Course	Level (e.g. second year, Masters)	Self-developed		
Anatomy for Oral hygienists	First year (ANA 171)	No		
Anatomy for BSc Medical Sciences	Second year (ANA 247)	No		
	Second year (GNK 288)	No		
Anatomy for MBChB	Third year (GNK 383)	No		
	Fourth year (GNK 483)	No		
Anatomy for Radiography	Second year (RAN 280)	No		
Anatomy for BSc Sport Sciences	First year (ANA 123)	No		
Anatomy for Allied Health	First year (ANA 152)	No		

2.1.2 Sefako Makgatho Health Sciences University (former University of Limpopo, Medunsa Campus) (2009 – 2021)				
Course	Level (e.g. second year, Masters)	Self-developed		
Anatomy for Dentistry	Second year (MANA 020)	No		
Anotomy for Allied boolth	First year (ANTM 108)	No		
Anatomy for Allied health	Second year (ANTM 208)	No		
Anotomy for Dodiography	First year (ANTM 113)	No		
Anatomy for Radiography	Third year (PAAN 301)	No		
Anatomy for nursing and speech therapy	First year (ANTM 111)	No		
Anatomy for dieticians	First year (MANB 012)	Yes		
Anotomy of MRChR	First year (MHBT012)	Yes		
Anatomy of MBChB	Second year (MANA 021 & MANA 022)	No (restructured)		

2.1.3 Tshwane University of Technology (2011)			
Anatomy and physiology	First year nursing students (BNSA I)	No	

2.2 Other education and pedagogic courses presented			
Course	Year	Institution	
ANA 217 Anatomy for BSc Medical Science – cadaver dissections	2009	University of Pretoria	
ANA 227 Anatomy for BSc Medical Science – cadaver dissections	2009	University of Pretoria	
SA 4 Anatomy for medical students – cadaver dissections	2009	University of Pretoria	
<b>RMQ200C</b> Research methodology techniques for BTech Radiography I	2019	Tshwane University of Technology	

## 3. TEACHING OUTPUTS

## 3.1 Educational publications and products

3.1.1 University of Pretoria (2011 - Current)

Study-guide in Anatomy for BSc Medical Science II (ANA 247)

- Renewed study guides, created practicals, assessments, and other course material from 2021 to current date

#### Study-guide in Thoracic-anatomy for MBChB II (GNK 288)

- Renewed study guides, created practicals, assessments, and other course material from 2021 to current date

#### Study-guide in Respiratory-anatomy for MBChB III (GNK 383)

- Renewed study guides, updated and redeveloped practicals, assessments, and other course material from 2022 to current date

#### Study-guide in Musculoskeletal-anatomy for MBChB IV (GNK 483)

- Renewed study guides, updated and redeveloped practicals, assessments, and other course material from 2021 to current date

#### Study-guide in Anatomy for Allied Health Students I (ANA 152)

- Renewed study guides, updated and redeveloped practicals, assessments, and other course material from 2023 to current date

#### 3.1.2 Sefako Makgatho Health Sciences University (2009 - 2021)

#### Facilitator in Riddel software

- Implementation and training of staff members at SMU (2011 2021)
- Assistance to staff members at UP (2021 Current)

#### Thorax dissections for an Anatomy Atlas

- Specimens prepared and dissected for McMinns & Abrahams, Clinical atlas of Human anatomy, 7th edition [2013] *Elsevier* (ISBN: 978-0-7234-3697-3)

## *Platform presentation at 42<sup>nd</sup> Annual Congress of the Anatomical Society of Southern Africa (13 – 16 April 2014) University of Stellenbosch*

- <u>Prigge, L.</u> An evaluation of the impact of table quizzes on the academic performance of a student: A view from the second year dental anatomy students at the University of Limpopo, Medunsa Campus, Ga-Rankuwa.

#### Prosection of cadaveric specimens

- Specimens for general use with regard to practical's and examinations
- Specimens for placement in the Anatomy museum, BMS N004A
- 2013 until 2016

#### Full development of Anatomy for Dieticians course (MANB012)

- Development of systemic curriculum with all administrative documents, practicals and lectures for 2015

#### Development and maintenance of digital databases

- Wet Specimen electronic database
- Museum models and specimen's database
- Radiological images database
- Osteological specimen database
- 2013 2016

#### Identification of anatomical structures and assistance with English translation

- Assisted Dr Hanno Steinke, University of Leipzig

- Atlas of Human Fascial Topography, 1st edition, Leipziger Universitätsvlg. (ISBN 978-3-9602-3023-6)
- 2016 2018

#### Study guide in Anatomy for MBChB II

- Development and Updated study guides, practicals, dissection manual, assessments and other course material
- LOOOP coordinator
- 2017 2021

#### Perineum dissections for an Anatomy Atlas

- Specimens prepared and dissected for McMinns, Abrahams & Van Schoor, Clinical atlas of Human anatomy, 8th edition [2019] *Elsevier.* (ISBN: 978-0-7020-7332-8)

Full development of Integrated Human Anatomy module for MHBT 012

- Complete planning and development of all administrative documents, including integrated timetable and LOOOP uploads
- 2020 2021

### 3.2 Other publications and products

Report / letter to the Inspector of Anatomy regarding wet specimen collection at Department of Anatomy, Sefako Makgatho Health Sciences University

- Drafted and delivered a letter on the state of the wet specimen collection and additional supplying hospitals to Dr Lebethe, Inspector of Anatomy: Gauteng
- June 2014

## 4. OTHER TEACHING CONTRIBUTIONS

#### 4.1 Membership of national and international bodies

Anatomical society of Southern Africa (ASSA)

- National
- Life member (2014 onwards)
- Council member (2019 2023)

#### Golden Key International Honours Society

- International
- Life member (2013 onwards)

# 4.2 Visits to local and overseas universities as guest professor or lecture pertaining to teaching

Visit to University of Northumbria Medical School, Newcastle upon Tyne, England, in 2011

- Anatomy demonstrator
  - 2<sup>nd</sup> year medical student's anatomy practical

Visit to University of Hull York Medical School, Hull, England, in 2011

- Anatomy demonstrator
  - 3<sup>rd</sup> year medical student's anatomy practical

#### Visit to University of Leipzig, Leipzig, Germany, in 2015

- Anatomy demonstrator
  - 2<sup>nd</sup> year dental student's anatomy practical
- Preparator of specimens
  - Surgical approaches to joints' anatomy practical

## **4.3 Participation in national and international teaching associations, bodies, committees**

#### 4.3.1 University of Pretoria

Occupational Health and Safety Representative

- 2023 onwards
- Member of Health Sciences Committee
- First aid responder and fire adjutant for BMS building 4<sup>th</sup> floor

#### LOOOP national users' group

- 2023 onwards
- A representative of UP
- Assisting with national guidelines and implementation of LOOOP in addition to curriculum alignment

#### 4.3.2 Sefako Makgatho Health Sciences University

Academic planning Curriculum Development Committee (APCDC)

- 2017 2020
- Member of Committee (Course coordinator of MBChB II Anatomy)
- Active participation in organization and planning of academic year

#### Examinations and Re-examination Commission Committee

- 2017 2020
- Member of Committee

#### Undergraduate Curriculum Development Committee (CDC)

- 2019 2020
- Member of Committee as Basic Sciences Representative
- Active participation of internal review and alignment of MBChB I III (Pre-clinical years)

#### Academic planning committee of Anatomy Department

- 2019 2020
- Departmental member
- Responsible for evaluation of all teaching related matters for undergraduates and postgraduates
- Compiling and planning lecturer rotation schedule for all undergraduate modules

MBChB Education Development Steering Committee

- 2019 2020
- Member of committee
- Responsible for redesign and integration of MBChB I II curriculum

#### 4.3.3 Other

Dirisana+ (Erasmus Mundus funding project)

- Member of Assessment committee
- 2020 onwards
- Development and evaluation of assessment (question) bank in Human Anatomy for consortium

## 5. POSTGRADUATE SUPERVISION

#### 5.1 Supervision or co-supervision of students who have completed degrees

5.1.1 BSc Honours students				
Name of student	Degree/Title of dissertation/ thesis and date	Supervisor	Co-supervisor(s)	Duration of studies (years)
Ms S Govender	BSc (Hons) Anatomy & Neuroanatomy - Anatomy of the vertebral triangle (2017)	Prof AN van Schoor	<u>Dr L Prigge,</u> Dr N Keough	1 year Cum Laude
Ms T Mtshali	<b>BSc (Hons) Neuroanatomy</b> – An anatomical investigation of the confluence of sinuses (2021)	<u>Dr L Prigge</u>	Dr G Venter	1 year
Mr J Gates	BSc (Hons) Neuroanatomy – Anatomical investigation of the transverse dural venous sinuses (2021)	Dr G Venter	<u>Dr L Prigge</u>	1 year
Mr C Dansie	BSc (Hons) Macro-anatomy – Morphometric analysis of the adult plantaris muscle: a South African population cadaveric study (2022)	Dr L Prigge	Dr G Venter	1 year
Ms C Pearse	BSc (Hons) Macro-anatomy – A cadaveric study on the variations of the ascending pharyngeal artery (2022)	Dr L Prigge		1 year Cum Laude
Ms R Manyelo	BSc (Hons) Neuroanatomy – Morphology of the basilar artery in relation to vertebral artery dominance: A cadaveric study (2022)	Dr G Venter	Dr L Prigge	1 year
Ms N Mabusela	<b>BSc (Hons) Macro-anatomy</b> – Morphology and prevalence of the palmaris longus and plantaris muscles (2023)	Dr L Prigge	Dr G Venter	1 year Cum Laude

5.1.2 MSc students				
Name of student	Degree/Title of dissertation/ thesis and date	Supervisor	Co-supervisor(s)	Duration of studies (years)
Ms K Phaswana	<b>MSc (Anatomy)</b> - The effectiveness of strategies to improve long term memory retention in the learning of anatomy (2019 - 2021) [SMU]	Ms S vd Walt	<u>Dr L Prigge,</u> Dr P Humphries	3 years

Ms J Harangee	MSc (Neuroanatomy) – Anatomical investigation of the accessory nerve (2020 – 2021)	Dr G Venter	<u>Dr L Prigge,</u> Dr GJ Roode	2 years
Ms N van Heerden	MSc (Neuroanatomy) – Anatomical investigation of the interthalamic adhesion (2020 – 2023)	Dr G Venter	<u>Dr L Prigge,</u> Dr H Taute	4 years <i>Cum Laude</i>

### 5.2 Current post-graduate students

#### 5.2.1 BSc Hons students Degree enrolled for and date of Year of Name of student Supervisor Co-supervisor(s) first registration registration BSc (Hons) Neuroanatomy -Ms M Gow Dr G Venter 1<sup>st</sup> year Dr L Prigge (2024) BSc (Hons) Neuroanatomy -Ms M Mulaudzi Dr L Prigge 1<sup>st</sup> year (2024) BSc (Hons) Neuroanatomy – Ms D Centeio Dr G Venter Dr L Prigge 1<sup>st</sup> year (2024) BSc (Hons) Neuroanatomy -Ms R Sallie Dr G Venter 1<sup>st</sup> year Dr L Prigge (2024)

5.2.2 MSc s	students			
Name of student	Degree enrolled for and date of first registration	Supervisor	Co-supervisor(s)	Year of registration
	MSc Anatomy –			
Ms K Regan	The spatial relationship between the vertebral artery and the transverse foramen (2022)	<u>Dr L Prigge</u>	Dr G Venter	3 <sup>rd</sup> year
	MSc Anatomy –			
Ms M Mtshali	An anatomical investigation of the confluence of the sinuses in a South African population sample (2022)	<u>Dr L Prigge</u>	Dr G Venter	3 <sup>rd</sup> year
	MSc Anatomy –			
	Evaluation of current			
Ms C Steyn	neuroanatomy applications and	Dr G Venter	<u>Dr L Prigge</u>	2 <sup>nd</sup> year
	websites as used by South			
	African medical students (2023)			
Ms A Ayres	MSc Anatomy - S.Pin (2024)	<u>Dr L Prigge</u>	Prof AN van Schoor	1 <sup>st</sup> year
Mr J Gates	<b>MSc Anatomy</b> - (2024)	Dr G Venter	Dr L Prigge	1 <sup>st</sup> year
5.2.1 PhD students				
Name of student	Degree enrolled for and date of first registration	Supervisor	Co-supervisor(s)	Year of registration

5.3 Examination of dissertations / thesis				
5.3.1 Internal examination of dissertation (University of Pretoria)				
Name of student         Degree enrolled for         Project title         Institution				
Ms J van Schalkwyk MSc Anatomy Establishing the safe use of the Department of Anatomy,				

		Bridging Infix method for anterior pelvic fixation in a South African sample	University of Pretoria (2021)
Mr CL Vermeulen	MSc Neurophysiology	A morphological study of the shape of the corpus callosum in normal, schizophrenic and bipolar patients.	Department of Physiology, University of Pretoria (2022)

5.3.2 External examination of dissertation (Other institutions)						
Name of student	Degree enrolled for	Project title	Institution			
Mr DJ van Tonder	MSc Anatomy	Vascular access in South African paediatric samples: The anatomical analysis of four important locations	Department of Anatomy, University of Pretoria (2019)			
Dr AK Zaw	MSc Anatomy	Morphometric studies on sexual dimorphism, variations and dimension of foramen transversarium in a Kwazulu-Natal population, South Africa	Discipline of Clinical Anatomy, University of KwaZulu-Natal (2020)			
Ms SW Gama	MSc Anatomy	Determining soft tissue thickness values for South African using cone beam computed tomography scans	Department of Anatomy, Sefako Makgatho Health Sciences University (2024)			

### 6. **RESEARCH FUNDING**

6.1 Obtaining research funds (Optional)							
Origin of research funds	Title of research project or programme	Duration	Money allocated				
International Affairs Office - Postgraduate Study Abroad Bursary Programme (UP)	Evaluation of paediatric regional anaesthetic procedures in the head and neck region	Feb 2011 to Mar 2011	R 45 000				
NRF Freestanding Scholarship	Evaluation of paediatric regional anaesthetic procedures in the head and neck region	Sept 2010 to Nov 2012	R 80 000				
Seeding funding for newly appointed staff members (SMU)	Specialised scanning of osteological skull samples for dural venous sinus evaluation	Nov 2013 to Jan 2014	R 3 285.89				
Erasmus Mundus Scholarship	Eurosa+ staff exchange programme	Jan 2015 to Feb 2015	€ 2 500				
Research development programme (RDP) Grant	Anatomical investigations of the vertebral artery in relation to the transverse foramina	2023 - 2025 (3 years)	R50 000 (annually)				

## 7. RESEARCH OUTPUTS

### 7.1 Publications in peer-reviewed or refereed journals

### 7.1.1 Abstracts published

 <u>Van der Merwe, L</u>; Briers, N; Bosman, MC. The size, branching pattern and anatomical relationships of the dorsal pedal artery on the dorsum of the foot: a cadaver study. A Selection of Abstracts Presented at the 39th Annual Conference of the Anatomical Society of Southern Africa (ASSA) at the University of Witwatersrand, Johannesburg, Gauteng, South Africa, 22–25 May 2011. *Clinical Anatomy* 24:924–935 (2011) <u>https://doi.org/10.1002/ca.21268</u>.

2. <u>Van der Merwe, L;</u> Van Schoor AN; Bosman, MC. Evaluation of paediatric maxillary nerve block. A Selection of Abstracts Presented at the 39th Annual Conference of the Anatomical Society of Southern

Africa (ASSA) at the University of Witwatersrand, Johannesburg, Gauteng, South Africa, 22–25 May 2011 *Clinical Anatomy* 24:924–935 (2011) <u>https://doi.org/10.1002/ca.21268</u>.

- Prigge, L. An evaluation of the impact of table quizzes on the academic performance of a student: A view from the second year dental anatomy students at the University of Limpopo, Medunsa Campus. A selection of abstracts presented at the 42nd annual conference of the anatomical society of Southern Africa (ASSA), 13–16 April 2014, Stellenbosch Institute for Advanced Studies, Stellenbosch, Western Cape, South Africa. *Clinical Anatomy* 28:399 412 (2015) <u>https://doi.org/10.1002/ca.22493</u>
- Prigge, L; Van Schoor, AN; Bosenberg, AT. An anatomical study of the superficial cervical plexus targeted for sensory nerve blocks in neonates. A Selection of Abstracts Presented at the 45th Annual Conference of the Anatomical Society of Southern Africa (ASSA), 23–26 April 2017, Club Mykonos, Langebaan, Western Cape, South Africa. *Clinical Anatomy* 31: E25 – 38 (2018) <u>https://doi.org/10.1002/ca.23050</u>.
- Prigge, L; Van Schoor, AN; Bosenberg, AT. The greater occipital nerve block based on pediatric cadaveric anatomy. A Selection of Abstracts Presented at the 45th Annual Conference of the Anatomical Society of Southern Africa (ASSA), 23–26 April 2017, Club Mykonos, Langebaan, Western Cape, South Africa. *Clinical Anatomy* 31: E25 – 38 (2018) <u>https://doi.org/10.1002/ca.23050</u>.
- Prigge, L; Van der Walt, S, Hammer, N. Comparison between the parietal foramina observed in human samples of African and European descent. A Selection of Abstracts Presented at the 45th Annual Conference of the Anatomical Society of Southern Africa (ASSA), 23–26 April 2017, Club Mykonos, Langebaan, Western Cape, South Africa. *Clinical Anatomy* 31: E25 – 38 (2018) <u>https://doi.org/10.1002/ca.23050</u>.
- 7. Venter, G; Gates, J; <u>Prigge, L.</u> Anatomical investigation of the transverse dural venous sinuses. *Anatomy: International Journal of Experimental and Clinical Anatomy* 16: S169 170 (2022)
- 8. Harangee, J; Venter, G; <u>Prigge, L</u>; Roode, G. Anatomical investigation of the connection between the accessory nerve and the posterior root of the first cervical nerve using cadaveric dissections. *Anatomy: International Journal of Experimental and Clinical Anatomy* 16: S126 127 (2022)

#### 7.1.2 Scientific articles published

- 1. <u>Prigge, L</u>; Van Schoor, A-N; Bosman, MC; Bosenberg, AT. Clinical anatomy of the maxillary nerve block in pediatric patients. *Pediatric Anesthesia* (2014). 24: 1120 1126 DOI: <u>10.1111/pan.12480</u>
- 2. <u>Prigge, L</u>; Briers, N. A description of the size and distal branching pattern of the dorsalis pedis artery: a cadaveric study. *Anatomy journal of Africa*. (2016). 5(1): 644 649
- 3. <u>Prigge, L</u>; Van Schoor, AN; Bosenberg, AT. Anatomy of the greater occipital nerve blocks in infants. *Pediatric Anesthesia* (2019). 29(9): 945 – 949 DOI: <u>10.1111/pan.13693</u>
- Prigge, L; Bosenberg, AT; Van Schoor, AN. External jugular vein pierced by supraclavicular branches in a neonatal cadaver: a case report. *Anatomical Sciences International*. (2021) DOI: <u>10.1007/s12565-020-</u> <u>00596-2</u>
- Govender, S; <u>Prigge, L</u>; Keough, N; Van Schoor, AN. A quantitative analysis of the dimensions and content of the vertebral triangle. *Surgical and Radiologic Anatomy*. (2021) Jun;43(6):881-888 DOI: <u>10.1007/s00276-</u> <u>020-02645-x</u>
- Venter, G; <u>Prigge, L</u>; Viljoen, BL; De Beer, FC; Bam, LC. Evaluation of the inion and asterion as neurosurgical landmarks for dural venous sinuses: Osteological study on a sample of South African Skull Specimens. *Journal of Neurosurgical Sciences*. (2021) April;65(2):200-6 DOI: <u>10.23736/S0390-5616.19.04596-X</u>
- De Jager, E; <u>Prigge, L</u>; Amod, N; Oettlé, A; Beaudet, A. Exploring the relationship between soft and hard tissues: the example of vertebral arteries and transverse foramina. *Journal of Anatomy.* (2022) 241:447 -482 <u>https://doi.org/10.1111/joa.13681</u>

8. Van der Walt, S; Hammer, N; <u>Prigge, L</u>. Comparison between the parietal foramina observed in samples of African and European population groups. *International Journal of Morphology* (2023) Vol 41(2): 643 – 639

#### 7.1.3 Accepted submissions, awaiting publication

None at this stage

#### 7.1.4 Submitted publications, awaiting review

1. Osteological skull study on muscle attachments as superficial external landmarks for the location of internal dural venous sinuses: *Surgical and Radiologic Anatomy* 

#### 7.1.5 Publications (topics) still to be completed

- 1. Greater occipital nerve block in neonatal patients: In progress
- 2. Peri-orbital nerve blocks in neonatal patients
- 3. Peri-orbital nerve blocks in children
- 4. Maxillary nerve block in children
- 5. Maxillary nerve block in neonates
- **6.** Superficial cervical plexus in neonates

#### 7.2 Books and/or chapters in books

#### Abrahams' and McMinns' Clinical Atlas of Human Anatomy

- Edition: 7<sup>th</sup> edition
- ISBN: 978-0-7234-3697-3
- Contribution:
  - Dissected and prepared thorax specimens for photographs included in Chapter 4

#### Abrahams' and McMinns' Clinical Atlas of Human Anatomy

- Edition: 8<sup>th</sup> edition
- ISBN: 978-0-7020-7332-8
- Contribution:
  - Planned and dissected pelvis and perineum specimens for photographs included in Chapter 5

#### Atlas of Human Fascial Topography

- Edition: 1<sup>st</sup> edition
- ISBN: 978-3-9602-3023-6
- Contribution:
  - Identification of anatomical structures
  - Assistance with translation of structural labels from German to English

## 8. OTHER SCHOLARLY RESEARCH-BASED CONTRIBUTIONS

#### 8.1 Participation in conferences

#### 8.1.1 National conferences (2019 – 2023)

47th Annual Congress of the Anatomical Society of Southern Africa; 7 - 10 April 2019 (Pilanesberg):

**Platform presentation:** <u>Prigge, L</u>; Van Schoor, AN; Bosenberg, AT. Anatomical study on the suprazygomatic approach for the maxillary nerve block in pediatric patients.

49th Annual Congress of the Anatomical Society of Southern Africa; 19-21 April 2022 (Belville):

**Platform presentation:** <u>Prigge, L</u>; Phaswana, KG; Van der Walt, S. Students' perceptions on a survey of strategies used in teaching and external factors affecting the learning of Anatomy at a South African institution.

8th Flexible Futures 2022; 24 – 25 August 2022 (Future Africa Institute):

**Platform presentation:** <u>Prigge, L</u>; Oettlé, AC. Riddel: An assessment resource with unique advantages including reduced marking time.

Faculty day of the Faculty of Health Sciences, University of Pretoria; 24 Aug 2023:

**Poster:** Regan, K; Gates, JJ; Venter, G, <u>Prigge, L</u>. Anatomical investigation of the transverse dural venous sinuses.

Poster: Mtshali, MM; Venter, G; Prigge, L. An anatomical investigation of the confluence of the sinuses.

#### 8.1.2 International conferences

<u>4th World Congress of Regional Anaesthesia and Pain Therapy, 24-28 November 2014 (Cape Town International</u> <u>Convention Centre):</u>

- <u>32<sup>nd</sup> Annual Meeting of the American Association of Clinical Anatomists; 9 13 June 2015 (Green Valley Ranch</u> <u>Resort & Casino):</u>
  - **Poster presentation:** Van Schoor AN; <u>Prigge, L</u>; Bosman, MC; Bosenberg, AT. Evaluation of the pediatric maxillary nerve block

<u>19th</u> Congress of the International Federation of Associations of Anatomists, 9 -11 August 2019 (ExCel, London, UK):

- **Platform presentation:** <u>Prigge, L</u>; Van Schoor, AN; Bosenberg, AT. An anatomical study of the superficial cervical plexus targeted for sensory nerve blocks in neonates.
  - **Poster presentation:** <u>Prigge, L</u>; Van Schoor, AN; Bosenberg, AT. Anatomical study on the suprazygomatic approach for the maxillary nerve block in paediatric patients.
  - **Poster presentation:** <u>Prigge, L</u>; Van Schoor, AN; Bosenberg, AT. The greater occipital nerve block based on paediatric cadaveric anatomy.
  - **Poster presentation:** <u>Prigge, L</u>; Van Schoor, AN; Bosenberg, AT. The periorbital nerve blocks based on paediatric anatomy.

<u>11<sup>th</sup> Annual ESHE (European Society for the study of Human Evolution) Meeting, 22 – 24 September 2021</u> (Online)

**Poster presentation**: De Jager, E; <u>Prigge, L</u>, Amod, N, Oettlé, A, Beaudet, A. Bringing blood to the brain: how to estimate the size of the vertebral arteries in fossil specimens.

20th Congress of the International Federation of Associations of Anatomists, 5 - 7 August 2022 (Istanbul, Turkey)

- **Platform presentation:** Harangee, J; Venter, G, <u>Prigge, L</u>; Roode, G. Anatomical investigation of the connection between the accessory nerve and the posterior root of the first cervical nerve using cadaveric dissections.
- **Poster presentation:** Gates, JJ; Venter, G, <u>Prigge, L</u>. Anatomical investigation of the transverse dural venous sinuses.

**Poster presentation:** <u>Prigge, L</u>; Van Schoor AN; Bosman, MC; Bosenberg, AT. Evaluation of paediatric maxillary nerve block.

<u>16<sup>th</sup> International Conference of the Society of Neuroscientists of Africa, 11 – 14 July 2023 (Johannesburg, South Africa)</u>

**Poster presentation:** Regan, K; Gates, JJ; Venter, G, <u>Prigge, L</u>. Anatomical investigation of the transverse dural venous sinuses.

28th International Symposium on Morphological Sciences, 5 – 8 August 2023 (Cape Town, South Africa)

- **Platform presentation:** Regan, K; Gates, JJ; Venter, G, <u>Prigge, L</u>. Anatomical investigation of the transverse dural venous sinuses.
- Platform presentation: Mtshali, MM; Prigge, L; Venter, G. An anatomical investigation of the confluence of the sinuses.
- **Platform presentation:** Pearse, C; <u>Prigge, L</u>. A cadaveric study on the variations of the ascending pharyngeal artery.

**Poster presentation:** Van der Walt, S; <u>Prigge, L</u>; Phaswana, K. Students' survey on perceptions of strategies used in teaching and external factors affecting the learning of Anatomy at a South African institution.

**Poster presentation:** Dansie, C; Venter, G; <u>Prigge, L</u>. Morphometric analysis of the adult plantaris muscle: A South African cadaveric study.

#### 8.1.3 Presentation of workshops and short courses

<u>Sefako Makgatho University Research Ethics Committee's, Ethics Workshop, 7 May 2015:</u> **Presentation**: Ethics applicable to case studies / reports involving body donors / cadavers

<u>Bakeng se Afrika, Introductory research workshop, 26 February – 24 March 2020:</u> **Presentations:** Quantitative study design

<u>Southern African Association of Health Educationalists (SAAHE) Virtual conference, 27-30 June 2022:</u> **Pre-conference workshop:** Ackermann, P, Oettlé, A, Venter, G, <u>Prigge, L.</u>Riddel: An alternative to online testing

Short course in Musculoskeletal ultrasound for Healthcare Professionals, 25 – 26 August 2023, Tecmed Africa:

Presentation: Recapture surface anatomy – shoulder
Presentation: Recapture surface anatomy – elbow and wrist
Presentation: Recapture surface anatomy – groin, glutes and thigh muscles
Presentation: Recapture surface anatomy – knee
Presentation: Recapture surface anatomy – ankle and calf

#### 8.1.4 National workshops attended

#### Workshop: Casting of artificial bones

- Technical ASSA, 43<sup>rd</sup> Annual Congress of the Anatomical Society of Southern Africa
- Organiser and participation
- Host: Sefako Makgatho Health Sciences University and external presenter (Mr G Lewis)
- Date: 14 May 2015

#### Workshop: Resin embedding

- Technical ASSA, 43<sup>rd</sup> Annual Congress of the Anatomical Society of Southern Africa
- Organiser and participation
- Host: Sefako Makgatho Health Sciences University, Mr T Lelaka

#### - Date: 14 May 2015

#### Workshop: Scientific writing for publication

- Participation
- Host: Sefako Makgatho Health Sciences University, Prof AC Oettlé
- Date: 27 March 29 May 2017

#### Workshop: PhD Thesis and Manuscript Writing

- Participation
- Host: Sefako Makgatho Health Sciences University, DVC Research
- Date: 19 22 September 2018

#### Workshop: Setting purposeful assessments

- Participation
- Host: Sefako Makgatho Health Sciences University, Centre of Academic Excellence
- Date: September 2019

#### Workshop: Development of a test blueprint

- Participation
- Host: Sefako Makgatho Health Sciences University, Centre of Academic Excellence
- Date: July 2020

#### Workshop: Academic Induction HE perspect

- Participation
- Host: University of Pretoria, Departments of Education Innovation and Research and Innovation Support
- Date: 4 5 March 2021

#### Workshop: Data analysis and Pivot Table

- Participation
- Host: University of Pretoria, ITS strategic support
- Date: 27 May 2021

#### Workshop: Objective assessment

- Participation
- Host: University of Pretoria, Department of Education Innovation
- Date: 8 June 2021

#### Workshop: ClickUP Overview

- Participation
- Host: University of Pretoria, Department of Education Innovation
- Date: 21 June 2021

#### Workshop: Study guides

- Participation
- Host: University of Pretoria, Department of Education Innovation
- Date: 25 June 2021

#### Workshop: Grade Centre

- Participation
- Host: University of Pretoria, Department of Education Innovation
- Date: 1 July 2021

#### Workshop: Dirisana+ Assessment workshop

- Participation
- Host: University of Pretoria and external presenter, Prof van der Vleuten
- Date: 19 22 April 2022

#### Workshop: Dirisana+ Short answer question workshop

- Participation
- Host: University of Pretoria, and internal presenter (Ms A Meintjes)
- Date: 2 February 2023

#### Workshop: Turnitin

- Participation
- Host: University of Pretoria, Department of Education Innovation
- Date: 16 February 2023

#### Workshop: Teaching portfolio

- Participation
- Host: University of Pretoria, Department of Education Innovation
- Date: 2 March 2023

#### Workshop: Occupational Health and Safety

- Participation
- Host: University of Pretoria, Facilities management
- Date: 10 March 2023

#### Workshop: Basic Fire Training

- Participation
- Host: University of Pretoria, Facilities management
- Date: 17 November 2023

#### Workshop: Cultural sensitivity and inclusivity

- Participation
- Host: Dirisana plus Dissemination Conference, Sefako Makgatho Health Sciences University
- Date: 24 November 2023

#### Workshop: Teaching, Learning and Assessments

- Participation
- Host: Dirisana plus Dissemination Conference, Sefako Makgatho Health Sciences University
- Date: 24 November 2023

#### Workshop: Ethical and effective use of AI in the Academic context

- Participation
- Host: Dirisana plus Dissemination Conference, Sefako Makgatho Health Sciences University
- Date: 24 November 2023

#### Workshop: Paint your own model

- Participation
- Host: Dirisana plus Dissemination Conference, Sefako Makgatho Health Sciences University
- Date: 24 November 2023

#### Workshop: ClickUP Ultra Overview

- Participation

- Host: University of Pretoria, Department of Education Innovation
- Date: 22 January 2024

#### Workshop: ClickUP Ultra Content

- Participation
- Host: University of Pretoria, Department of Education Innovation
- Date: 23 January 2024

#### Workshop: ClickUP Ultra Engage

- Participation
- Host: University of Pretoria, Department of Education Innovation
- Date: 24 January 2024

#### Workshop: ClickUP Ultra Assessment

- Participation
- Host: University of Pretoria, Department of Education Innovation
- Date: 25 January 2024

#### Workshop: ClickUP Ultra Gradebook

- Participation
  - Host: University of Pretoria, Department of Education Innovation
- Date: 26 January 2024

#### 8.1.5 Short courses attended

#### Training and Resources in Research Ethics (TRREE)

- Introduction to research ethics
- Participation
- Host: Clinical Trials Centre, University of Hong Kong
- Date: 2019 (online)

#### Clinical Trail "Basic Good Clinical Practice (GCP)"

- Participation
- Host: Sefako Makgatho Health Sciences University and external presenters, Ingonogo Co-ordinators
- Date: 19 November 2019

#### 8.2 Teamwork and collaboration with others

#### 8.2.1 Other researchers (national and international)

#### Dr Amelia Beaudet

- University of Cambridge (International collaboration)
- Short description: Collaborator on anatomical project "Correlation between the cross-sectional areas of the vertebral arteries and the transverse foramina in the human cervical spine"
- Resulted in one (1) article published (2022): Exploring the relationship between soft and hard tissues: the example of vertebral arteries and transverse foramina

#### Dr Nooreen Amod

- Dr George Mukhari Academic Hospital (National collaboration)
- Short description: Radiographer assisting on anatomical project "Correlation between the cross-sectional areas of the vertebral arteries and the transverse foramina in the human cervical spine"
- Resulted in one (1) article published (2022): Exploring the relationship between soft and hard tissues: the

example of vertebral arteries and transverse foramina

#### Prof Niels Hammer

- Medical University of Graz (International collaborator)
- Short description: Met during staff exchange program at University of Leipzig, Germany
- Resulted in one (1) article published (2023): Comparison between the parietal foramina observed in samples of African and European population groups

#### Dr Hanno Steinke

- University of Leipzig (International collaborator)
- Short description: Met during staff exchange program at University of Leipzig, Germany
- Resulted in my contribution to Atlas of Human Fascial Topography, 1<sup>st</sup> edition, Leipziger Universitätsvlg (2018)

#### 8.2.2 Other research institutions

Department of Radiation Science, South African Nuclear Energy Corporation (NECSA)

- Date: November 2013 January 2014
- Short description: Combined research project, with members of MIXRAD team, included specialised scanning of 50 osteological skull specimens
- Resulted in one (1) article published in 2021 "Evaluation of the inion and asterion as neurosurgical landmarks for dural venous sinuses: Osteological study on a sample of South African Skull Specimens" and a second manuscript "Osteological skull study on muscle attachments as superficial external landmarks for the location of internal dural venous sinuses" submitted for publication to Surgical and radiologic Anatomy in 2023

### 8.3 Membership in national and international bodies

#### Golden Key International Honours Society

- International
- Life member (2013 onwards)

#### Anatomical society of Southern Africa (ASSA)

- National
- Life member (2014 onwards)
- Council member (2019 2023)

## 8.4 Visits to local and overseas universities or research institutes as guest professor or researcher

#### Dr Donald Shanahan

- University of Northumbria, New castle, England
- Research study: Evaluation of paediatric regional anaesthetic procedures in the head and neck region
- January February 2011

#### Prof Vishy Mahadeven

- Royal college of Surgeons, London, England
- Meeting: Teaching anatomy in a clinical setting
- January 2011

#### Prof Peter Bazira

- Hull York Medical School, Hull, England
- Meeting: Anatomy teaching for medical students
- January 2011
- Dr Nathaniel Haslam
  - Royal Sunderland Hospital
  - Research meeting/observation on regional nerve blocks on pediatric patients
  - January 2011

#### Prof Ian Parker

- Dundee Medical School, Ninewell Hospital, Dundee, Scotland
- Meeting: Anatomy teaching for medical students
- January 2011

#### Mrs Debra Pattern

- Durham University, Stockton, England
- Workshop: Use of ultrasound in medical education
- January 2011

#### Dr Roger Searle

- University of Newcastle, Newcastle upon Tyne, Englad
- Meeting: Anatomy and Clinical skills
- February 2011

#### Dr Achmed Aziz

- Friarage Hospital, Northallerton, North Yorkshire, England
- Research meeting/observation on ultrasound usage during regional nerve blockade
- February 2011

#### Dr Hanno Steinke

- University of Leipzig, Leipzig, Germany
- Teaching anatomy to medical students in a clinical setting
- January February 2015

#### **Prof Niels Hammer**

- University of Leipzig, Leipzig, Germany
- Teaching anatomy to medical students in a clinical setting
- January February 2015

### 9. MANAGEMENT AND ADMINISTRATIVE DUTIES

#### 9.1 Sefako Makgatho Health Sciences University (2009 – 2021)

#### Part-time junior lecturer

- Duration: June 2009 June 2013
- Responsibilities included:
  - Responsible for anatomical dissection for 2<sup>nd</sup> year dentistry students (MANA 020)
  - Assistance with set-up and marking of practical tests (MANA 020)
  - Presenting of lectures, practicals and/or dissections (as required) for:
    - 1<sup>st</sup> year occupational students (ANTM 108)
    - 2<sup>nd</sup> year physiotherapy students (ANTM 208)
    - 1<sup>st</sup> year radiography students (ANTM 113)
    - 3<sup>rd</sup> year radiography students (PAAN 301)

- Co-coordinator for anatomy for nursing and speech therapy students during 2011 (ANTM 111)
  - Presenting all lectures and practicals
  - Set-up and marking of all assessments
  - All administrative duties with regard to timetable, attendance and assessments

#### Medical technologist

- Duration: July 2013 December 2016
- Responsibilities included:
  - Redesign and implementation of anatomy museum, with incorporation of anatomical pathology specimens
  - Development of electronic databases (Osteological, wet specimens, models and radiographic images)
  - Prosection of anatomical wet specimens for use in student practicals and assessments
  - Prosection of anatomical wet specimens for placement in anatomy museum

## *Member of Medunsa Campus Ethics Committee (MREC) / Sefako Makgatho University's Research Ethics Committee (SMUREC)*

- Duration: 2014 2020
- Representative of School of Pathology and Pre-Clinical Sciences
- Responsibilities included:
  - Evaluation received protocols according to ethical principles set out in SOP
  - Attendance of ethics workshops and monthly meetings

#### Social functions within Anatomy Department, Sefako Makgatho Health Sciences University

- Duration: 2014 2020
- Responsible for planning and executing social functions (year-end functions and team-building events) within the Anatomy Department
- Planned, organised and executed World Anatomy Day celebrations hosted in October 2020

## Local Organizing Committee of the 43<sup>rd</sup> Annual Conference of the Anatomical Society of Southern Africa, May 2015

- Duration: 9 13 May 2015
- Responsibilities included:
  - General administration of conference
  - Drafting of conference documentation
  - Handling of registrations and payments of delegates
  - Conference proceedings

## Local Organizing Committee of Technical aspect of 43<sup>rd</sup> Annual Conference of the Anatomical Society of Southern Africa, May 2015

- Duration: 14 15 May 2015
- Responsibilities included:
  - All organization, planning and administrative aspects
  - Organizing welcome function and guest speakers
  - Conference merchandise and consumables utilised during workshops

#### Course coordinator for Anatomy subject for BSc Dietetics I

- Duration: June December 2015
- Responsibilities included:
  - Complete redesign of curriculum to systemic approach
  - Development of all practical and lecture notes
  - Set-up and marking of theory and practical tests
  - Planning and execution of all academic activities within the subject

Course coordinator of Anatomy subject for MBChB II

- Duration: 2016 2021
- Responsibilities included:
- Liasing with integrated departments with regard to year planning
- Development of integrated timetable
- Served on the Academic Planning Curriculum Development Committee for the 2<sup>nd</sup> year medical students [2017 2020]
- Served on the Undergraduate Curriculum Development Committee for MBChB students, Basic Sciences Representative [2019 2020]
- Member of the MBChB II Education Development Steering Committee [2019 2020]
  - Complete development of integrated timetable
  - Development of newly formed MBChB I Human body module
- LOOOP program, Anatomy curriculum mapping [2017 2021]
- Overall coordination of all academic activities such as practicals, tutorials and lectures
- Management of all part-time lecturers within the department
- Set-up, marking and administration of theory and practical tests
- Development of new formative assessments included from 2019
- Assistance with development of specialised dissection manual and study guide
- Management of teaching development grant (TDG) application [2017]
  - Assisted in compilation of application of R2 000 000.00 received from Department of Higher Education and Training
  - Organisation, planning and management of dissectors responsible for new prosections
  - Overseeing procurement and installation of Macro-view equipment
  - Overseeing procurement of teaching aids (Bone clones, plastic skeletons and clay)
  - Overseeing procurement of plastic educational models
  - Organization of audit and development of Human bone collection
- Presenting of lectures, practicals and/or dissections (as required) for:
  - 1<sup>st</sup> year occupational students (ANTM 108)
  - 2<sup>nd</sup> year physiotherapy students (ANTM 208)
  - 1<sup>st</sup> year radiography students (ANTM 113)
  - 3<sup>rd</sup> year radiography students (PAAN 301)
  - 1<sup>st</sup> year nursing students (ANTM 111)

#### Academic Planning Committee for Department of Anatomy

- Duration: 2019 2020
- Responsibilities included:
  - Development of rotating roster for all staff members of department
  - Responsible for evaluation of all teaching related matters for undergraduates and postgraduates

#### Member of Dirisana+ "Knowledge triangle Project"

- Duration: 2020
- Responsibilities included assistance with development of application to Erasmus Mundus

#### 9.2 Tshwane University of Technology (2011 and 2019)

#### Part-time Course coordinator for Anatomy for Nursing foundation (BNSA)

- Duration: June 2011 November 2011
- Responsibilities included:
  - Setting and presenting of weekly lectures
  - Set-up and marking of theoretical tests
  - Administration regarding attendance and assessments

Part-time Course coordinator for Research Techniques and Methodologies Module

- Duration: January 2019 December 2019
- Responsibilities included:
  - Setting and presenting of monthly lectures
  - Set-up and marking of theoretical tests
  - Administration regarding attendance and assessments
  - Assistance with protocol development, review and feedback

#### 9.3 University of Pretoria (2009 – current date)

#### Anatomy tutor for MBChB II (SA 4 / GNK 288)

- Duration: March 2009 May 2009
- Responsibilities included:
  - Setting and presenting of daily tutor lectures
  - Combing and presenting of practice questions

#### Assistant course coordinator of Anatomy subject for oral hygienist (ANA 171)

- Duration: March 2011 June 2011
- Responsibilities included:
  - Presenting of weekly lectures and practicals
  - Setup and marking of assessments

#### Course coordinator of ANA 247 for BSc Medical Sciences II

- Duration: 2021 onwards
- Responsibilities include:
  - Development, planning and subsequent arrangements regarding timetable
  - Setting and presenting of lectures for half (2.5/5) of module content
  - Development and implementation of practical component
  - Assisting with all dissections pertaining to module
  - Set-up, marking of formative, and summative theoretical and practical tests
  - All administrative and dissection responsibilities
  - Liaising with module tutor on all related activities

Section coordinator for SA4 / GNK 288 thorax for MBChB II students

- Duration: 2021 onwards
- Responsibilities include:
  - Setting and presenting section lectures
  - Set-up and marking of all assessments pertaining to thorax section (2021 2023)
  - Set-up and marking of all assessments pertaining to upper limb section (2024 onwards)
  - Assisting with whole-body dissection
  - Liaising with tutors regarding tutor slides and presented content

#### Anatomy coordinator for Block 14 / GNK 483

- Duration: 2021 onwards
  - Responsibilities include:
    - All administrative aspects relating to anatomy sections
    - Setting and presenting all anatomical lectures
    - Set-up and marking of all practical and theoretical assessments
    - Planning and implementing practicals pertaining to practical rotation
    - Liaising with clinical department regarding content, study guide and lecture notes.

#### Anatomy coordinator for Block 7 / GNK 383

- Duration: 2022 onwards

#### - Responsibilities include:

- All administrative aspects relating to anatomy section
- Restructure and implementation of practicals
- Set-up and marking of theoretical assessments
- Liaising with clinical department regarding content, study guide and practical notes

#### Stand-in Anatomy coordinator for RAN 280

- Duration: April 2022 July 2022
- Responsibilities include:
  - All administrative aspects relating to module for that time
  - Presenting all lectures and practicals in that time
  - Set-up and marking of theoretical and practical assessments
  - Liaising with radiography department regarding alignment of content in new radiography curriculum

#### Stand-in Anatomy coordinator for ANA 123

- Duration: April 2022 September 2022
- Responsibilities include:
  - All administrative aspects relating to module for that time
  - Presenting all lectures and practicals in that time
  - Set-up and marking of theoretical and practical assessments
  - Liaising with sport sciences department regarding all student matters

#### World Anatomy Day (WAD) celebrations, at University of Pretoria

- Duration: 2022 onwards
- Responsibilities include:
  - Planning and implementation of campus activities related to World Anatomy Day celebrations
  - Liaising with Faculty management regarding program, requirements, entertainment etc.
  - Management of staff involved in WAD celebrations
  - Adjudication and finalisation of category winners

#### Course coordinator of ANA 152 for Allied Health students

- Duration: 2023 onwards
  - Responsibilities include:
    - Development, planning and subsequent arrangements regarding timetable
    - Setting and presenting of lectures for module
    - Development and implementation of practical component
    - Set-up, marking of formative, and summative theoretical and practical tests
    - All administrative responsibilities related to student assessments, attendance and study guide
    - Liaising with respective departments (nursing, occupational therapy and physiotherapy) on all student related aspects

#### Occupational Health and Safety (OHS) Representative

- Duration: 2023 onwards
- Responsibilities include:
  - Attending OHS, first aid and fire training
  - Inspection and compilation of OHS reports
  - All administrative aspects with regard to BMS 4<sup>th</sup> floor and 3<sup>rd</sup> floor dissection hall
  - Evacuation of BMS building during emergency and practice situations
  - Provide emergency assistance, if required
  - Attending of OHS meetings for Basic Medical Sciences and Tswelopele Buildings committee

#### Co-mentor to Intern: Clinical Anatomy

- Duration: 2023

- Responsibilities include:
  - Attending induction sessions
  - Mentoring with administrative aspects of the department
  - Mentoring in teaching within practical settings
  - Mentoring in administrative aspects related to specimen collections

### 10. COMMUNITY SERVICE OR PROFESSIONAL SKILLS

#### **10.1 Outreach projects**

Doxa Deo (Brooklyn)

- Involvement in church outreach projects to Botswana (2003) and Malawi (2004)

#### Kiri-Bienkies Pre-primary school

- Sponsoring school fees for struggling families
- Donation of content for feeding-scheme supply boxes

#### Pretoria-East Primary school

- Donation of dog and cat food for SPCA-drive

#### 10.2 Involvement with other universities / scientific institutions

#### 10.2.1 External examiner for University of Pretoria (2018 – 2020)

- ANA 111: Anatomy for speech pathologists and audiologists (2020)
- ANA 713: BSc Hons Neuroanatomy (2018 2020)
- ANA 717: BSc Hons Macro-anatomy (2018 2020)
- ANA 800: Anatomy for MMed Internal medicine (2020)
- ANA 804: Anatomy for MMed Psychiatry (2020)
- ANA 808: Anatomy for Diagnostic Radiologist (2020)
- ANA 809: Anatomy for Nuclear Medicine (2020)
- ANA 871: Anatomy for MChD Orthodontics (2020)
- ANA 873: Anatomy for MChD Periodontics and oral medicine (2020)
- ANA 895: Anatomy for MMed Orthopaedics (2020)
- BOK 121: Block 1 MBChB I (2018 2019)
- GNK 288: Anatomy for MBChB II (2018 2020)
- GNK 289: Anatomy for BDS II (2018 2020)
- RAN 380: Anatomy for Radiography III (2020)
- RAN 700: Radiographic Anatomy (2020)
- SAN880: MSc Sports Anatomy (2018 2019)

#### 10.2.2 External examiner for University of Kwazulu-Natal (2019 – 2021)

- ANAT 304: Research projects Bachelor of Medical Science in Anatomy (3<sup>rd</sup> year)
- ANAT 7RPWO: BSc (Hons) Research project in Anatomy

#### 10.2.3 External examiner for Sefako Makgatho Health Sciences University (2021)

- MANA020: Anatomy for BDS II
- MANB012: Anatomy for Dietetic I

10.2.4 Other

External examiner: Limpopo College of Nursing, Thohoyandou Campus 2017

- BNS II: Anatomy for Nursing

External examiner: Colleges of Medicine of South Africa, June 2019

- FCD(SA) Pros Part I: Anatomy, embryology, history and oral biology

External examiner: Colleges of Medicine of South Africa, January 2020

- FCD(SA) Orthod Part I: Anatomy, embryology, history and oral biology
- FCD (SA) OMP Part 1: Anatomy, embryology, history and oral biology

### 10.3 Referee duties

### 10.3.1 Adjudication of awards at Local / International Anatomy conferences

42<sup>nd</sup> Annual Congress of the Anatomical Society of Southern Africa; April 2014:

- Adjudication for Best First-time Presenter

45<sup>th</sup> Annual Congress of the Anatomical Society of Southern Africa, April 2017:

- Adjudication for Best Poster Presentation

28<sup>th</sup> International Symposium on Morphological Sciences, August 2023:

- Adjudication for Best Technical Presentation

**10.3.2 Reviewing of abstracts submitted for presentation at conferences** 

- 43<sup>rd</sup> Annual Congress of the Anatomical Society of Southern Africa; April 2015
- 28<sup>th</sup> International symposium on Morphological Sciences; August 2023

### 10.3.3 Reviewer for Scientific journals

Scientific reports, Nature portfolio (Impact factor: 4.996)

- Manuscript title: "The growth and development of the myodural bridge and its associated structures in the human fetus"
- Review request accepted on 21 May 2023
- Review completed and submitted on 1 June 2023

Surgical and radiologic anatomy (Impact factor: 1.4)

- Manuscript title: "Sex-specific differences of the internal mammary arteries in the context of minimally invasive coronary surgery"
- Review request accepted on 20 July 2023
- Review completed and submitted on 31 July 2023

## 11. AWARDS AND SCIENTIFIC/SCHOLARLY RECOGNITION

#### 11.1 Status as a scientist / scholar

- NRF rating: Y2
  - Obtained January 2024
- ORCID-ID: https://orcid.org/0000-0002-8168-9238
- Publications: 8 scientific articles, 2 dissertations/thesis
- H-index:
  - 3 according to Google scholar, with 36 citations (29 March 2023)
  - 3 according to Web of Sciences, with 19 citations (21 July 2023)
  - 2 according to Scopus, with 18 citations (21 July 2023)

#### 11.2 Research awards and prizes

Research day, University of Limpopo, Medunsa Campus (11 – 12 August 2010)

- 1<sup>st</sup> place: best paper presentation (for staff member)

Research day, University of Limpopo, Medunsa Campus (10 August 2011)

- 3<sup>rd</sup> place: best paper presentation (for post graduate student)

#### Faculty of Health Sciences Awards Ceremony (2014)

- JM Boon Prize: Best achievement in Anatomy research at Master's or Doctoral level for the 2013 academic year

Research day, Sefako Makgatho Health Sciences University (22 - 24 Aug 2017)

- 1<sup>st</sup> prize: best poster presentation (for staff member)
- 1<sup>st</sup> prize: best paper presentation (for staff member)

#### 11.3 Teaching awards and prizes

41st Annual Congress of the Anatomical Society of Southern Africa, 2014

- Hanno Boon Award (1<sup>st</sup> prize) for best medical education platform presentation