

CURRICULUM VITAE  
OF  
**ERIN FRANCES HUTCHINSON**

**PERSONAL INFORMATION**

Full names: Erin Frances  
Surname: Hutchinson  
Date of Birth: 3 June 1984  
Gender: Female  
Marital status: Single  
Citizenship: South African/Netherlands  
Home Language: English (Speak, read and write)  
Other languages: Afrikaans (Speak, read and write)  
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**ACADEMIC BACKGROUND**

**Secondary schooling**

High School: Benoni High School  
Highest Standard: Grade 12 (Matric)  
Year: 2002

**Tertiary education**

University of Witwatersrand

- PGDip (Educ) (2022)
- PhD (2017): Morphology and Function: Aspects of mandibular development and growth at different stages across the lifespan. Supervisors: Prof JA Kieser (1950-2014) / Prof M Farella & Prof B Kramer. URI: <http://hdl.handle.net/10539/23089> (PhD) (Citations: 1).

## University of Pretoria

- MSc Anatomy (2011): An assessment of growth and sex in fetal and neonatal cadaver mandibles. Supervisors: Dr. EN L'Abbe' & Dr. AC Oettle'. URI: <http://hdl.handle.net/2263/29727> (MSc). (Citations: 5)
- BSc Honours Anatomy (2008): Measurements of the foetal and neonatal mandible of a South African population. Supervisor: Mrs. L. Greyling
- BSc Medical Sciences (2007)

## Positions held

### University of Witwatersrand

- Head of Morphological Anatomy Division May 2021-present
- Associate Professor Oct 2023 - present
- Senior Lecturer April 2019 – Sept 2023
- Lecturer 1<sup>st</sup> August 2012 – April 2019
- Associate Lecturer 1 March 2008 – 31<sup>st</sup> July 2012

### University of Johannesburg

- Part-time Lecturer 2007-March 2008

### University of Pretoria

- Demonstrator 2005 – 2007
- Teaching assistant 2006

## Publications

Google Scholar H-index: 8

Scopus H-index: 6

ORCID ID: 0000-0002-1797-1140

## Books Edited:

- Practical Anatomy: The human body dissected (2<sup>nd</sup> Edition). Edited by: Erin Hutchinson, Jason Hemingway and Desire Brits (Wits University Press: January 2020)

## Book Chapters:

- Osteology of the juvenile and adult craniofacial complex. Erin Hutchinson & Mark Leedham. Forensic Odontology: Principles and Practice. Edited by Jane A. Taylor & Jules A. Kieser (Deceased) (Wiley Press: March 2016)

## Research articles

PUBLISHED				
	Publication	ISSN number	# of Citations	Journal Impact factor
1	Assessing the morphometry of the pars lateralis as an indicator of age in a forensic setting. Thornton R, Mendelow M, <b>Hutchinson EF</b> . International Journal of Legal Medicine	0367-0031		2.686
2	Taking shape: A geometric morphometric analysis of the immature human palate in relation to dental eruption and growth. Onwochei-Bolum NV, Kramer B, <b>Hutchinson EF</b> . Morphologie 2023	12860115		1.45
3	The ethical use of digital technology in teaching anatomy: A South African perspective. Lottering T, Billings BK, Brits DM, <b>Hutchinson EF</b> , Kramer B. Annals of Anatomy, 2022	0940-9602	2	2.698
4	Anatomy: An Opportunity for Health Science Students to Discuss Their Emotional Responses to Human Remains in the Laboratory. Hartmann C, <b>Hutchinson EF</b> , Kramer B. Education Sciences, 2022	22277102	1	2.15
5	Neurovascular territories of the canine fossa: Analysis of a South African population. Appelt S. Kramer B. <b>Hutchinson EF</b> . Morphologie, 2023	12860115		1.45
6	PCR Based method for sex estimation from bone samples of unidentified South African fetal remains. Thornton R. <b>Hutchinson EF</b> , Edkins AL. Forensic Sciences International: Reports, 2021	26659107	1	0.88
7	A morphometric analysis of the immature human infra-orbital canal. Smit S, <b>Hutchinson EF</b> , Kramer B. Surgical and Radiologic Anatomy 43 (2), 201-210, 2021	0930-1038 (print); 1279-8517 (web)	12	1.25

8	The altered profile of a donated cadaver population: challenges for teaching and research? Brits DM, Billings BK, Kramer B, <b>Hutchinson EF</b> . European Journal of Anatomy 24(6), 475-483, 2020	1136-4890	3	0.495
9	Supporting early career anatomists: An international challenge. Kramer B, Hartmann C, du Toit F, <b>Hutchinson EF</b> , Pather N. Annals of Anatomy-Anatomischer Anzeiger, 151520, 2020	0940-9602	7	2.698
10	The law, ethics and body donation: A tale of two bequeathal programs. <b>Hutchinson EF</b> , Kramer B, Billings BK, Brits DM, Pather N. Anatomical Sciences Education 13 (4). 512-519, 2020	1935-9772	17	5.958
11	Contributions of the pars lateralis, pars basilaris and femur to age estimations of the immature skeleton within a South African forensic setting. Thornton R, Edkins AL, <b>Hutchinson EF</b> . International Journal of legal medicine 134 (3), 1185-1193, 2020	0367-0031	4	2.686
12	An osteological assessment of cyclopia by micro-CT scanning. Kramer B, Molema K, <b>Hutchinson EF</b> . Surgical and Radiologic Anatomy 41 (9), 1053-1063, 2019	0930-1038 (print); 1279-8517 (web)	5	1.25
13	Making the ethical transition in South Africa: Acquiring human bodies for training in anatomy. Kramer B, <b>Hutchinson EF</b> , Brits DM, Billings BK. Anatomical Sciences Education 12 (3), 264-271, 2019	1935-9772	27	5.958
14	Bone mineral density of human ear ossicles: An assessment of structure in relation to function. Morris C, Kramer B, <b>Hutchinson EF</b> . Clinical Anatomy 31 (8), 1158-1166, 2018	10982353, 08973806	2	2.20
15	Variations in bone density across the body of the immature human mandible. <b>Hutchinson EF</b> , Farella M, Hoffman J, Kramer B. Journal of Anatomy 230 (5), 679-688, 2017	0021-8782 (print) 1469-7580 (web)	17	2.921
16	Micro-CT assessment of changes in the morphology and position of the immature mandibular canal during early growth. <b>Hutchinson EF</b> , Florentino G, Hoffman J, Kramer B. Surgical and Radiologic Anatomy 39 (2), 185-194, 2017	0930-1038 (print); 1279-8517 (web)	6	1.25
17	Importance of teeth in maintaining the morphology of the adult mandible in humans. <b>Hutchinson EF</b> , Farella M, Kramer B.	09098836	16	2.160

	European Journal of Oral Sciences 123 (5), 341-349, 2015			
18	Transformation of a cadaver population: Analysis of a South African cadaver program, 1921-2013. Kramer B, <b>Hutchinson EF</b> . Anatomical Sciences Education 8 (5),445-451, 2015	1935-9772	45	5.958
19	Morphometric growth relationships of the immature human mandible and tongue. <b>Hutchinson EF</b> , Kieser JA, Kramer B. European Journal of Oral Sciences 122 (3), 181-189, 2014	09098836	37	2.160
20	An assessment of early mandibular growth. <b>Hutchinson EF</b> , L'Abbe EN, Oettle AC. Forensic Science International 217 (1-3), 233. E1-233.e6, 2012	0379-0738	29	1.99

### Conference proceedings:

2020

- IFAA President's Emergent Anatomists Programme (PEAP) Inaugural Workshop. Kramer B, Pather N, Hartmann C, **Hutchinson EF**, du Toit F, Oppermann LA, ... Journal of Anatomy 236, 362-362
- Assessing the internal architecture of the immature human mandible during dental development. **Hutchinson EF**, Kramer B. Journal of Anatomy 236, 122-122

2019

- In praise of selflessness: Students expectations of an Anatomy laboratory experience. Kramer B, **Hutchinson EF**, Hartmann C. The FASEB Journal 33 (S1), lb123-lb123

2018

- Variation in bone density in the human mandible during the early stages of growth and development. A selection of abstracts presented at the 44<sup>th</sup> annual conference of the Anatomical Society of Southern Africa. **Hutchinson EF**, Hoffman J, Farella M, Kramer B. Clinical Anatomy 31, E11-E24

2015

- An assessment of the development of the mandibular canal and its relationship to the developing dentition in juveniles. A selection of abstracts presented at the 43<sup>rd</sup> Annual Conference of the Anatomical Society of Southern Africa. **Hutchinson EF**, Florentino G, Hoffman J, Kramer B. *Clinical Anatomy* 31:E1-10

2014

- Anomalous patterns of the carotid arterial system. Kolkenbeck-Ruh A, Hartmann C. **Hutchinson EF**. *Annals of Anatomy*; 196 (S1): 29
- Changes in the bony architecture of the mental region of the immature human mandible. **Hutchinson EF**, Kramer B, Kieser JA. *Annals of Anatomy*; 196 (S1): 7

2013

- Anatomical variations in the superior thyroid artery in the South African population. Kolkenbeck-Ruh A, Hartmann C, **Hutchinson EF**. *The FASEB journal*; 27 (1): 746.6-746.6
- Unilateral superficial ulnar artery arising from the axillary artery: a case report. Hartmann C, **Hutchinson EF**. *The FASEB journal*; 27 (1): 746.6-746.6
- An assessment of the growth and development of the pediatric tongue and mandible within a South African population. **Hutchinson EF**, Kieser JA, Kramer B. *American Journal of Physical Anthropology*, 150: 156-156

### Conference presentations

- 28<sup>th</sup> International Symposium on Morphological Sciences (Cape Town, RSA; 5-8 August 2023):
  - Microarchitecture of the human postnatal maxilla across the stages of the dentition. Mhlathi X, Small C, Hutchinson EF (Oral presentation)
  - A geometric morphometric analysis of the Pars Basilaris and Pars Lateralis. Mendelow M, Thornton R, Hutchinson EF (Oral presentation)
- 20<sup>th</sup> Congress of the International Federation of Anatomical Associations (Istanbul, Turkey, Virtual, 4-7 August 2022): Assessing growth changes in the human palate across different stages of dental eruption. Hutchinson EF, Onwochei-Bolum NV, Kramer B. (Oral presentation)

- IFAA President's Emergent Anatomist Programme (PEAP): Scientific Writing Workshop for Emergent Anatomists (12 May 2022): Facilitators: Professor Jose Sanudo (Spain), Emeritus Professor Beverley Kramer, Dr Erin Hutchinson, Dr Carol Hartmann
- 49<sup>th</sup> Annual Conference of the Anatomical Society of Southern Africa (Virtual, 19-21 April 2022): Invited speaker at the ASSA student symposium
- IFAA President's Emergent Anatomist Programme (PEAP): Scientific Writing Workshop for Emergent Anatomists (25 August 2021): Facilitators: Professor Jose Sanudo (Spain), Emeritus Professor Beverley Kramer, Dr Erin Hutchinson, Dr Carol Hartmann
- 27<sup>th</sup> International Symposium on Morphological Sciences (Almaty, Kazakhstan Virtual, 27-30 May 2021): Assessing the bone quality of the immature human mandible during dental development. Hutchinson EF, Kramer B (Oral virtual presentation)
- 48<sup>th</sup> Annual Conference of the Anatomical Society of Southern Africa (Virtual, 19-21 April 2021)
  - Connect Hub Event: Dr Erin Hutchinson - Role and expectations of mentorship
  - IFAA President's Emergent Anatomists Programme Event: WORKSHOP ON SCIENTIFIC WRITING FOR EMERGING RESEARCHERS (INTERACTIVE) The principles of structuring a scientific manuscript (research report/dissertation/thesis) will be discussed to assist the writer with how to convey key research findings succinctly. Facilitated by Professor Emeritus Beverley Kramer, Dr Erin Hutchinson, Professor Jose Sanudo, Dr Carol Hartmann
  - Developing Early career anatomists: An international challenge. Hartmann C, Hutchinson EF, Kramer B (Poster Presentation)
- 19<sup>th</sup> Congress of the International Federation of Anatomical Associations (London, UK, 9-11 August, 2019): Assessing the internal architecture of the immature human mandible during dental development. Hutchinson EF, Kramer B (Oral Presentation). A morphometric analysis of the human infra-orbital canal. Smit S, Hutchinson EF, Kramer B (Poster Presentation).
- 47<sup>th</sup> Annual Conference of the Anatomical Society of Southern Africa (Kwa-Maritane, South Africa, 7-10 April, 2019): The curious mind: A millennial student's perception of the anatomy laboratory experience. Hutchinson EF, Hartmann C, Kramer B (Oral Presentation). The shifting profile of a cadaver population. Brits DM, Billings BK, Kramer B, Hutchinson EF (Oral Presentation).

Examining the osseous moustache. Brits DM, Hutchinson EF (Poster Presentation).

- Faculty of Health Sciences Research Day, Faculty of Health Sciences, University of the Witwatersrand (Johannesburg, South Africa, 2018): Morphological analysis of the immature human infra-orbital canal. Smit S, Hutchinson EF, Kramer B (Poster Presentation). Anatomy: An opportunity for health sciences students to discuss their views on death and dying? Hartmann C, Hutchinson EF, Kramer B (Poster Presentation).
- 26<sup>th</sup> International Symposium on Morphological Sciences (Prague, Czech Republic, 5 – 7 July, 2018): The Terminologia Anthropologica: a formal terminology for anthropologists. Hutchinson EF, Kramer B (Oral Presentation).
- 11<sup>th</sup> Scientific meeting of the South African Association of Health Educationalists (Umhlanga, South Africa, 27 - 30 June, 2018): Anatomy: An unexplored opportunity to discuss multiple narratives in the South African context? Hartmann C, Kramer B, Hutchinson EF (Oral Presentation).
- 46<sup>th</sup> Annual Conference of the Anatomical Society of Southern Africa (Muldersdrift, South Africa, 22 -25 April, 2018): An assessment of the bone mineral density of human ear ossicles. Morris C, Kramer B, Hutchinson EF (Oral Presentation).
- 25<sup>th</sup> International Symposium on Morphological Sciences (Xian, China July, 2017): Variations in bone density in the human mandible during the early stages of dental development. Hutchinson EF, Farella M, Hoffman J, Kramer B (Oral Presentation).
- SAPS 4<sup>th</sup> Forensic Service Conference: Fundamentals of Forensic Science (ICC, Pretoria, 27 February to 2 March, 2017): RT-qPCR Amplification of postmortem RNA from bone and its application to the investigation of suspected infanticide cases. Thornton R, Vellema J, Hutchinson EF, Edkins AL (Oral Presentation).
- Faculty of Health Sciences Research Day, Faculty of Health Sciences, University of the Witwatersrand (Johannesburg, South Africa, 2016): Variations in bone density in the human mandible during the early stages of growth and development. Hutchinson EF, Hoffman J, Farella M, Kramer B (Oral Presentation).
- 44<sup>th</sup> Annual Conference of the Anatomical Society of Southern Africa (Bloemfontein, South Africa, 9-11 May, 2016): Variation in bone density in the



human mandible during the early stages of growth and development. Hutchinson EF, Hoffman J, Farella M, Kramer B (Oral Presentation).

- 3D imaging in a South African context: An AESOP Workshop, (University of Pretoria, South Africa, 12-15 October, 2015): Dental crenulations: age estimation tool or developmental artefact. Hutchinson EF, Kramer B (Oral Presentation).
- 7<sup>th</sup> European Academy of Forensic Sciences Conference (Prague Congress Centre, Prague, Czech Republic, 6-11 September, 2015): Enamel crenulations and the development of the deciduous dentition in the juvenile mandible as age estimation tools. Hutchinson EF, Hoffman J, Farella M, Kramer B (Oral Presentation).
- 24<sup>th</sup> International Symposium on Morphological Sciences (Istanbul, Turkey, 2-6 September, 2015): The significance of the dentition in maintaining the morphology of the human adult mandible. Hutchinson EF, Farella M, Kramer B (Oral Presentation).
- 43<sup>rd</sup> Annual Conference of the Anatomical Society of Southern Africa (Parys, South Africa, 9-13 May, 2015): An assessment of the development of the mandibular canal and its relationship to the developing dentition in juveniles. Hutchinson EF, Florentino G, Hoffman J, Kramer B (Oral Presentation).
- Faculty of Health Sciences Research Day, Faculty of Health Sciences, University of the Witwatersrand (Johannesburg, South Africa, 2014): Deciduous dental development in the juvenile mandible. Hutchinson EF, Kieser JA, Kramer B (Poster Presentation). Anomalous patterns of the carotid arterial system. Kolkenbeck-Ruh A, Hartmann C, Hutchinson EF (Poster Presentation). Anatomy of the human trachea and its relationship to sex and stature within a South African population. Kaplan A, Hartmann C, Hutchinson EF (Poster Presentation).
- 18<sup>th</sup> Congress of the International Federation of Associations of Anatomists / 30<sup>th</sup> Congress of Chinese Anatomical Associations (Beijing, China: 8<sup>th</sup>-10<sup>th</sup> August, 2014): Changes in the bony architecture of the immature human mandible. Hutchinson EF, Kieser JA, Kramer B (Oral Presentation). Anomalous patterns of the carotid arterial system. Kolkenbeck-Ruh A, Hartmann C, Hutchinson EF (Poster Presentation).
- 30<sup>th</sup> Annual meeting of the New Zealand Society for Forensic Odontology (Wellington, New Zealand, 2014): (Guest lecturer), Lecture 1: Juvenile osteology of the craniofacial complex, Lecture 2: Juvenile osteology within a forensic context.

- Forensic Seminar, Sir John Walsh Research Institute (Dunedin, New Zealand) / New Zealand Forensic Science Society / Otago Forensic Network (2014): Guest lecturer: Juvenile osteology within an African context.
- International Academy of Dental Research General Session / IADR South Africa division meeting (Cape Town, South Africa, 2014): Deciduous dental development in the juvenile mandible. Hutchinson EF, Kieser JA, Kramer B (Poster Presentation).
- Forensic Biology Symposium, Sir John Walsh Research Institute, Faculty of Dentistry, University of Otago, New Zealand, 2013: Developmental changes associated with the immature and mature mandible. Hutchinson EF, Kramer B, Kieser JA (Oral Presentation).
- International Association of Dental Research (General Session: Seattle Washington, USA, 2013): Morphometric changes in the early and late human mandible. Hutchinson EF, Kramer B, Kieser JA (Poster Presentation).
- American Association of Physical Anthropologists (General Session: Knoxville, Tennessee, USA, 2013): An assessment of the growth and development of the pediatric tongue and mandible within a South African population. Hutchinson EF, Kieser JA, Kramer B (Poster Presentation).
- Imaging with Radiation (1st South African Bi-annual Conference, NECSA: Pelindaba, South Africa, 2013): Dental age estimations in a paediatric cadaver population. Hutchinson EF, Kramer B, Hoffman J, Kieser JA (Oral Presentation).
- 125th Meeting of the American Anatomical Association: “Experimental Biology 2013” (Boston, USA, 2013): Anatomical Variations in the superior thyroid artery within the South African population. Kolkenbeck-Ruh A, Hartmann C, Hutchinson EF (Poster Presentation).
- University of the Witwatersrand Interfaculty Postgraduate Symposium (Johannesburg, South Africa, 2013): Anatomical Variations in the superior thyroid artery within the South African population. Kolkenbeck-Ruh A, Hartmann C, Hutchinson EF (Oral Presentation).
- Faculty of Health Sciences Research Day, Faculty of Health Sciences, University of the Witwatersrand (Johannesburg, South Africa, 2012): The effects of tongue growth on the fetal and pediatric mandible. Hutchinson EF, Kramer B, Kieser JA (Poster Presentation).

- European Academy of Forensic Sciences (EAFS, Den Haag, Nederland, 2012): The effects of tongue growth on the fetal and pediatric mandible. Hutchinson EF, Kramer B, Kieser JA (Oral Presentation). An assessment of the bony hard palate within a South African population. Hutchinson EF, Pillay DS, Billings BK (Poster Presentation).
- International Association of Dental Research (IADR, Johannesburg, South Africa, 2012) : Changes in the morphology and osteometry of the mental region. Hutchinson EF, Kramer B, Kieser JA (Oral Presentation).
- 39<sup>th</sup> Annual meeting of the Anatomical Association of South Africa “Growing Anatomy” (University of the Witwatersrand, Johannesburg, South Africa, 2011): An assessment of the hard palate within a South African population. Hutchinson EF, Hoosen R, Bhayat A, Baba Z, Sujee A, Dullabh V, Ahmed F (Poster Presentation). An assessment of growth and sex in fetal and neonatal cadaver mandibles. Hutchinson EF, LÁbbe EN, Oettle AC (Oral Presentation).
- Faculty Research Day, Faculty of Health Sciences, University of Witwatersrand (Johannesburg, South Africa, 2010): An assessment of the hard palate within a South African population. Hutchinson EF, Hoosen R, Bhayat A, Baba Z, Sujee A, Dullabh V, Ahmed F (Poster Presentation).
- 17<sup>th</sup> International Congress of the International Federation of Associations of Anatomists (Cape Town, South Africa, 2009): Measurements of the fetal and neonatal mandible of a South African population. Hutchinson EF, Greyling LM, Bosman MC (Poster Presentation).
- 38<sup>th</sup> Annual Conference of the Anatomical Society of South Africa (2008): Measurements of the fetal and neonatal mandible of a South African population. Hutchinson EF, Greyling LM, Bosman MC (Poster Presentation).
- Faculty Day, Faculty of Health Sciences, University of Pretoria (30 August, 2008): Measurements of the fetal and neonatal mandible of a South African population. Hutchinson EF, Greyling LM, Bosman MC (Poster Presentation).
- 37<sup>th</sup> Annual Conference of the Anatomical Society of South Africa (2007): Measurements of the fetal and neonatal mandible of a South African population. Hutchinson EF, Greyling LM, Bosman MC (Poster Presentation).
- Faculty Day, Faculty of Health Sciences, University of Pretoria (15 August, 2007): Measurements of the fetal and neonatal mandible of a South African population. Hutchinson EF, Greyling LM, Bosman MC (Poster Presentation).

**Courses taught:**

- Oral Biology for Dentists
- Preliminary Concepts in Medical Science (PCMS)
- Graduate Entry Medical Programme (Theme sessions) (GEMP)
- Allied Medical Disciplines (AMD) / (TS & D)
- Oral Hygiene I
- Speech and Hearing I
- Regional Anatomy for Dental students III
- MBBCh II
- BSc Biomedical Sciences II
- MSc Dental Anatomy
- MSc Physical Therapy
- Anatomy & Physiology to Somatology II (University of Johannesburg)
- Chiropractics & Homeopathy II (University of Johannesburg)
- Table doctor Podiatry II (University of Johannesburg)
- Dissections for the Anatomy Museum (University of Pretoria)

#### **Course co-ordination:**

- Human Anatomy for MBBCh II, BHSc II & BSc (Biomed Engineering) III ANAT2020 (2022-present)
- Regional Anatomy for Dental students ANAT3030 (2008-2017, 2019-2022)(Overall course co-ordinator)
- Pharmacy, Nursing and Dentistry (PDN) (Gross co-ordinator) (2008-2010)
- ANAT7013: Post Graduate Dental anatomy (MSc Dental Anatomy) (2013 – 2022)

#### **Faculty of Health Sciences committee service**

- Faculty of Health Sciences Board member (2020-present)
- Faculty of Health Sciences Research Committee (FRC) (2016 – 2019)
- Faculty of Health Sciences Research Entity Task Group (2017 – present)
- Faculty of Health Sciences PhD protocol assessment committee (2017)
- Oral Health Sciences Undergraduate Committee (2008 – present)
- 3<sup>rd</sup> Year Working Party (2008 – 2017, 2021-present)
- 2<sup>nd</sup> Year Working Party (2020 - present)
- MSc protocol assessment committee for the Division of Forensic Medicine and Pathology (2008 – 2012); (2020 – present)
- MBBCh Curriculum Committee (2022 – present)
- BHSc Committee (2022 – present)
- BHSc Curriculum Oversight Committee (2021-present)
- Clinical Associates Training Committee (BCMP) (2023 – present)
- School of Physiology QQR review panel (July 2023)

#### **School of Anatomical Sciences committee service:**

- Head of Morphological Anatomy Division (May 2021-present)

- Divisional Head, School of Anatomical Sciences Executive Committee (May 2021-present)
- Non-Professorial representative School of Anatomical Sciences Management Committee (2019 – May 2021)
- School of Anatomical Sciences Teaching and Learning Committee (May 2021-present)
- Academic Misconduct Committee (2021 to present)
- Collections committee (2008 - present)
- Hunterian Museum committee (2008 - 2010)
- Staff Student Liaison committee (2008 – present)
- Pediatric Collection manager (2008 – present)
- Johannesburg Forensic Pediatric Collection manager (2008 – 2012)

### **Membership of Societies**

- Royal Society of South Africa
- Anatomical Society of Southern Africa (Life member)
- International Association of Dental Research
- Society for the Study of Human Biology

### **International committee membership**

- Chair: Terminology Committee of the Anatomical Society of Southern Africa (2019 – 2023)
- Member: Terminology Committee of the Anatomical Society of Southern Africa (2023 – present)
- Council member of the Anatomical Society of Southern Africa (2019 – present)
- Editor of the Anatomical Society of Southern Africa newsletter (2019 – present)
- Member of the TAnth working group of the Federative International Program of Anatomical Terminologies (FIPAT) of the IFAA (2014-2020)

### **Funding**

- NRF Thuthuka funding (2019 - 2021): R176 596.00
- Faculty of Health Sciences Seed funding (2015) for initiation of research projects: R50 000.00
- Carnegie-Wits Diaspora Fellowship funding (2015) for invitation to New Zealand
- NRF: KIC (Knowledge Interchange Collaboration) travel grant (March 2013 - April 2014) to host Professor Jules Kieser: R20 000.00
- Carnegie-Wits Diaspora Fellowship funding (Professor Jules Kieser), January 2014
- Wits Distinguished Scholarship funding (Professor Jules Kieser), January 2014: R60 000.00
- Carnegie Corporation of New York PhD funding (January 2012 - January 2013): R44 000.00
- NRF: Germany-South Africa Year of Science initiative to host Professor Ralf Radlanski and Geometric Morphometric workshops (April 2012 - March 2013): R99 890.00

- Symington Bequest Fund (Anatomy Society of United Kingdom) to attend the Juvenile Osteology course hosted by the University of Dundee, Scotland (July 2012): R14 016.00
- NRF: KIC (Knowledge Interchange Collaboration) travel grant (December 2012 – December 2013): R 24 350.00

### **Awards**

- Vice Chancellor's Team Teaching award nominee (2023)
- Faculty of Health Sciences Research Award (July 2013)
- Faculty of Health Sciences, University of the Witwatersrand Research day: Best Poster award: Molecular and Comparative Biosciences Category (September, 2012)

## Postgraduate supervision

PhD Candidates				
Year	Candidate	Project Title	Supervisors	Status
2020	Lingeshwara Pillay	The influence of biomechanical forces and vitamin E on bone development in the rat palate around the time of weaning	EF. Hutchinson & B. Kramer	Current: February 2020 registration (Abeyance until December 2023)
2018	Roxanne Thornton	Towards a biological profile for South African perinatal remains: Osteological and Genetic perspectives	AL. Edkins & EF. Hutchinson	Graduated July 2018
MSc. Med				
2023	Mira Mendelow	Assessing bone quality changes in the immature pars basilaris and pars lateralis during the prenatal and postnatal stages of growth	EF. Hutchinson & R. Thornton	Current: Feb 2023 registration
2023	Arthur Manjatika	A mixed method study determining the effectiveness of constructive alignment approach to facilitate learning: students' perspectives	EF. Hutchinson & G. Hendry	Submitted
2022	Xolisiwe Mhlathi	Assessing the micro-architecture of the human prenatal and postnatal maxilla in relation to the development and eruption of the deciduous and permanent dentition	EF. Hutchinson & C. Small	Graduating July 2024
2021	Mmanoko Moraba	Assessing the prevalence of hyperostosis frontalis interna in a South African skeletal sample	EF. Hutchinson & A. Meyer	Current: Feb 2021 registration
2020	Claudia Meganck	The impact of the state of the dentition on the morphology of the human maxilla in a South African population	EF. Hutchinson & B. Kramer	Passed
2020	Nkemakonam Onwochei-bolum	Morphometric analysis of the growth of the immature and sub-adult human palate	EF. Hutchinson & B. Kramer	Graduated Dec 2021
2018	Surraine Smit	Morphometric analysis of the immature human infra-orbital canal	EF. Hutchinson & B. Kramer	Graduated July 2019

2015	Andrea Kolkenbeck-Ruh	Anatomical variations of the carotid arterial system within the South African population: implications for the treatment of carotid arterial disease	EF. Hutchinson & C. Hartmann	Graduated July 2015
<b>Hons</b>				
2023	Jessica Da Silva	Age estimation using the fusion of the lateral aspect of the clavicle	EF. Hutchinson & D. Botha	Current
2023	Clara Janse van Rensburg	Morphometry of the foramen magnum in an adult South African population.	EF. Hutchinson & S. Govender	Current
2022	Mira Mendelow	The developing occipital bone: Geometric morphometric Analysis of the Pars Basilaris and Pars Lateralis	EF. Hutchinson & R. Thornton	Graduated December 2022
2021	Tasmiyah Goolam	An assessment of methods used in the estimation of age using the deciduous dentition	EF. Hutchinson & C. Small	Graduated December 2021
2020	Sven Appelt	An investigation of the neurovascular supply within the canine fossa	EF. Hutchinson & B. Kramer	Graduated December 2020
2020	Mmanoko Moraba	The effects of varying sunlight exposure on decomposition rates and patterns in a porcine model	EF. Hutchinson & C. Keyes	Graduated December 2020
2017	Cassady Morris	Investigation into the bone mineral density of the human ear ossicles in relation to age	EF. Hutchinson & B. Kramer	Graduated December 2017
2017	Kgalaletso Molema	Analysis of the craniofacial skeleton in cycloopia	EF. Hutchinson & B. Kramer	Graduated December 2017
2015	Carmen Jacobs	Dietary differences and dental wear in South African populations	EF. Hutchinson & B. Kramer	Graduated December 2016
2013	Alyssa Kaplan	Anatomy of the human trachea and its relationship to sex and stature within a South African population	EF. Hutchinson & C. Hartmann	Graduated December 2013
2013	Giovanni Florentino	An evaluation of the development and growth of the mandibular canal in relation to the developing juvenile dentition	EF. Hutchinson & B. Kramer	Graduated December 2013
2012	Andrea Kolkenbeck-Ruh	Anatomical variations in the superior thyroid artery within the South African population	EF. Hutchinson & C. Hartmann	Graduated December 2012



## Examination record

PhD		
University of Melbourne, Australia		
Y. Fan	Quantification of mandibular morphological changes in 3D	2019
University of the Witwatersrand		
N. Bacci	Reliability of forensic facial identification from CCTV recordings with implications for admissibility to court	2021
MSc		
University of the Witwatersrand		
A. Ruch	Final-year medical student's experiences and perceptions of integrated primary care learning at decentralised training sites during the COVID-19 Pandemic: A mixed methods study	2023
C. Keyes	A forensic taphonomic study into the differential decomposition rates and patterns of bodies subjected to varying degrees of burns	2016
EJ. Schmidlin	A descriptive morphological study on adult facial ageing in black South African males	2018
L. Joubert	Evaluation of the Suchey-Brooks and Enhanced Computational methods of pubic symphyseal age estimation in a white South African population	2018
TJ. Mahon	Age determination, using the spheno-occipital synchondrosis, medial end of the clavicle and S1-S2 fusion, on a South African Population	2017
University of Cape Town		
Y Nam	Bone age estimation using machine learning approach: An assessment using hand and wrist bones of South African Children	2023
C. Putter	BLACK RIVER CEMETERY: An anthropological study of the human remains exhumed from a historic Cape Town burial ground	2020
University of Free State		
SA. Smal	Assessing the sexual dimorphism of the upper limb in a Free State skeletal population using univariate measurements	2021
University of Kwa-Zulu Natal		
S. Moodley	The relationship between the Auriculotemporal nerve and Middle Meningeal artery in a South African population	2023

K. Niemann	Developmental changes of the facial skeleton from birth to 18 years within a South African cohort (A Computed Tomography study)	2021
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**Course examinations:**

<b>Year</b>	<b>Course</b>	<b>Institution</b>
2023	PGDipDent (Oral Surgery) Anatomy (CBA700)	University of Pretoria
2017	MBD Oral Biology (2 <sup>nd</sup> year BChDII)	University of Pretoria
2017/2018	BSc Hons Applied Anatomy & BSc Hons Biological Anthropology	University of Cape Town

## Courses/ workshops attended

Course	Year
Managing Day-to-Day Challenges in the Workplace delivered by Labour Guide	2023
Developing a teaching Profile (CHSE, Faculty of Health Sciences)	2019
Teaching and Learning with Wits-e (Dr A. George, CHSE, Faculty of Health Sciences)	
To donate or not donate? Ethico-legal issues relating to human tissue donation (14 May), presented by the College of Law: The Biotechnology and Medical Law Flagship, UNISA	
Osteoporosis: An overview of current concepts. Presented by the Orthopaedic Department, Faculty of Health Sciences, University of the Witwatersrand in collaboration with National Osteoporosis Foundation South Africa (NOFSA)	2018
Symposium on Cleft Deformities. Presented by the School of Oral Health Sciences, Faculty of Health Sciences, University of the Witwatersrand in collaboration with the IADR SA division.	
Grant and paper writing workshop facilitated by Professors Zent and Pozzi	2017
Research in education workshop facilitated by the Centre for Health Sciences Education (CHSE), Professor Trish McInerney	2016
Craniofacial Identification Symposium, Professor Caroline Wilkinson (Face lab, Liverpool John Moores University) and Professor Maryna Steyn (School of Anatomical Sciences, University of the Witwatersrand)	
Grant and paper writing workshop facilitated by Professors Zent and Pozzi	2013
Scientific writing course facilitated by Professor Duncan Mitchell	
Forensic Dental Anatomy Day Course (14 March), co facilitated by Sir John Walsh Research Institute, University of Otago (NZ)	
University of Dundee (Scotland): Center for Anatomy & Human Identification <ul style="list-style-type: none"> <li>• Cranial and Postcranial Juvenile Osteology for Medical, Forensic and Archaeological Practitioners (30 July to 10 August) <ul style="list-style-type: none"> <li>○ Module 1 – Cranial Juvenile Osteology</li> <li>○ Module 2 – Postcranial Juvenile Osteology</li> </ul> </li> </ul>	2012
University of Witwatersrand (RSA): Faculty of Health Sciences <ul style="list-style-type: none"> <li>• How to mark a masters thesis (Prof. E. Grossman &amp; FHS staff members)</li> <li>• Mini-tutorials (Prof. E. Grossman)</li> <li>• Sekai Training (CLTD)</li> <li>• “Assessing a published article and reviewing a manuscript for a journal” Workshop by Professor John Pettifor &amp; Associate Professor Haroon Saloojee</li> <li>• Emergent Researchers talk: Professor S. Tollman</li> </ul>	
University of Pretoria:	2010

Forensic Anthropology Research Center (FARC)	
<ul style="list-style-type: none"> <li>• Introduction to Forensic Anthropology for Medico Legal Investigations (Prof. S. Symes, Mercyhurst College, USA)</li> <li>• Forensic archaeology workshop (Prof. S. Nawrocki, Mercyhurst College, USA)</li> </ul>	
University of Pretoria:	2009
Forensic Anthropology Research Center (FARC)	
<ul style="list-style-type: none"> <li>• Analysis of bone and pseudo-trauma in suspected violent deaths for anthropologists (Prof. S. Symes, Mercyhurst College, USA)</li> </ul>	

### Courses / workshops organized

Conference	Year	Contribution
IFAA President Emergent Anatomists Program Mentoring event, 28 <sup>th</sup> International Symposium on Morphological Sciences (Cape Town, RSA; 5-8 August 2023)	2023	Programme, logistics, hosting
Member of the Local Organizing Committee, 28 <sup>th</sup> International Symposium on Morphological Sciences (Cape Town, RSA; 5-8 August 2023)	2021-2023	Programme, logistics, hosting, abstract reviews
28 <sup>th</sup> International Symposium on Morphological Sciences (Cape Town, RSA; 5-8 August 2023) Ethics session chair	2023	Abstract review, logistics around the session itself
Biennial Faculty Research Day 2022 Molecular and Comparative Biosciences session chair	2022	Session chair
Biennial Faculty Research Day 2020 Molecular and Comparative Biosciences session chair and award adjudicator	2020	Session chair and award adjudicator
IFAA President Emergent Anatomists Program, 19 <sup>th</sup> International Congress of the International Federation of Anatomical Associations, London UK. Facilitated by: Professor Beverley Kramer, Dr Carol Hartmann, Dr Erin Hutchinson, Mrs Francesca du Toit, Professor Nalini Pather	2019	Facilitator and organizer
Advanced Statistics workshop focusing on Principal Component Analysis and Generalized Procrustes Analysis, University of the Witwatersrand, Johannesburg, South Africa. Facilitated by: Ms E. Hutchinson & Mr. J. Hemingway	2015	Workshop organiser and co-facilitator
3D-Visualization Techniques for Forensic Scientists, Craniofacial Biologists and Health Care Professionals, University of the Witwatersrand, Johannesburg, South Africa. Facilitated by: Ms E. Hutchinson & Prof. R. Radlanski	2012	Facilitated and organised workshop as well as secured all funding

**Academic Citizenship:  
Professional services/editorial boards/ journal reviewer**

Entity	Role	Year
Paleosciences Director Interviews (Faculty of Sciences)	External interviewer and shortlisting	2022
Health Sciences Research Office Interview (Faculty of Health Sciences)	External interviewer and shortlisting	2014
South African Dental Journal (SADJ)	Manuscript reviewer	2008 to present
European Journal of Forensic Sciences	Manuscript reviewer	2008 to present
Archives of Oral Biology	Manuscript reviewer	2008 to present
Orthodontics and Craniofacial Research	Manuscript reviewer	2022

**Community outreach**

Year	Contribution	Community
2022	Dissection Winter School	School of Anatomical Sciences, course offered to outside Anatomy Community
2022 + 2023	IFAA PEAP writing workshop (May 2022)	International Federation of Anatomical Associations, workshop offered to international emergent anatomists
2021	IFAA PEAP writing workshop (April-ASSA conference, August, 2022)	International Federation of Anatomical Associations, workshop offered to international emergent anatomists
2019	IFAA President Emergent Anatomists Program workshop	International Federation of Anatomical Associations, workshop offered to international emergent anatomists
2015	Advanced Statistics workshop focusing on Principal Component Analysis and Generalized Procrustes Analysis	School of Anatomical Sciences, University of the Witwatersrand
2013	Forensic Dental Anatomy Day course	In collaboration with the Sir John Walsh Research Institute, University of Otago, New Zealand
2012	3D-Visualization Techniques for Forensic Scientists, Craniofacial Biologists and Health Care Professionals	School of Anatomical Sciences, University of the Witwatersrand / Germany Year of Science Initiative

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