



**NEWSLETTER OF THE
ANATOMICAL SOCIETY OF SOUTHERN AFRICA**

2021

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Message from the President of the Anatomical Society of Southern Africa



Professor Albert Van Schoor
ASSA President

Dear ASSA members,

I am writing this message with the hope that we can see light at the end of the tunnel. The past two years have placed an immense amount of stress on all of us – both in our professional and personal lives. Like many of you, I am anxious about what next year will hold for us all.

I think it is all of our utmost hopes that we will be able to see through another successful academic year and I wish you all of the best for the remainder of the year.

This year saw another disappointing absence of a physical ASSA conference and an opportunity for us all to touch base with one another. But that did not diminish the success of the 48th Annual conference of the Anatomical Society of Southern Africa – the first ever virtual ASSA conference. I would once more like to thank Prof. Julian Pillay and Prof. Lelika Lazarus, as well as the organizing teams from the Durban University of Technology and University of KwaZulu Natal for organizing this event. Next year it will be another virtual conference organized by the University of the Western Cape: 19 – 21 April 2022 and we are already looking forward to academic program and workshops that they have planned.

In celebration of World Anatomy Day (15 October 2021), we were able to once more have a ASSA World Anatomy Day celebration symposium on the 13th of October. Once more it was a platform that allowed our postgraduate students to present their research, but for the first time this year

we had the opportunity to showcase some of the wonderful art created by our talented students and ASSA members. The two sessions were facilitated by Zithulele Tshabalala (NMU) and Leonard Shapiro (UCT), respectively.

Our website was also very active and received a number of visitors. It was used as a site for various advertisements for conferences, events, job openings, etc.

It is with great pleasure to welcome members the newest medical school in South Africa, the Nelson Mandela University to ASSA and the Head of the Anatomy Department, Dr Zithulele Tshabalala as one of the newest members of ASSA. From Council, we bid farewell to Ms Thandi Fasemore, as well as Prof. Natalie Keough after serving a full three terms on Council. We also bid farewell to Prof. Desire Brits as the Honorary Editor of the ASSA website, but was delighted when she accepted her nomination to serve on Council as a Council member. New

members included Dr Jolandie Myburgh who moved from a Council member position to take over from the departing Prof. Brits. Lastly, we were happy to have Prof. Lelika Lazarus to join us on Council. I would like to extend my gratitude to the members of the ASSA Council for their hard work and dedication. Our mailing group is quite active, and I am grateful for your quick responses. Thank you for your support and continued hard work and the leadership you provide in the society.

I was also delighted to see that there were quite a few academic posts in anatomy departments advertised from all over the country. This is very encouraging and it is good that opportunities are opening up for our graduates. Please encourage all of the new appointees to join ASSA!

I wish everyone a successful end of the academic year, and a peaceful and safe festive season.

Prof. Albert van Schoor

IFAA Matters



17 November 2021

Public dissection of a body donor

As members of an international anatomical ethics committee (FICEM of IFAA), we strongly condemn the recent public dissection of a body donor in the United States ([reference](#)). This disrespectful and unethical use of this deceased individual for the entertainment of the paying public is reprehensible. There does not appear to be any educational component to this public display and it only appears to be a method to satisfy the morbid curiosity of the public and as a means to generate revenue for the organizers, venue and the for-profit body broker companies.

We strongly encourage local, state and federal governments to do all in their power to stop public displays of this type in the future. We hope this instance of human exploitation serves as encouragement for international communities to reflect upon the level of respect and dignity that is due persons who have died, including those that have donated their bodies for educational purposes.

We encourage anatomists and all others involved to follow the international '[Recommendations for Good Practice of Body Donation](#)'.

Prof. Andreas Winkelmann (Chair), Medical School Brandenburg, Germany
Prof. Thomas H. Champney, University of Miami Miller School of Medicine, Miami, USA
Dr. Jon Cornwall, University of Otago, Dunedin, New Zealand
Prof. Sabine Hildebrandt, Harvard Medical School, Boston, USA
Prof. Amadi O. Ihunwo, University of the Witwatersrand, Johannesburg, South Africa
Prof. Gareth Jones, University of Otago, Dunedin, New Zealand
Prof. Diogo Pais, Nova University, Lisbon, Portugal
Prof. Andrea Oxley da Rocha, Federal University of Health Sciences of Porto Alegre, Brazil
Brandi Schmitt, MS, University of California, Oakland, USA
Prof. Sergio Tamayo, National University of Salta, Argentina
Prof. Guo-Fang Tseng, Tzu Chi University, Taiwan

and Prof. Beverley Kramer (President of IFAA), University of the Witwatersrand, Johannesburg, South Africa

FICEM is the Federative International Committee for Ethics and Medical Humanities of the International Federation of Associations of Anatomists ([IFAA](#))



FEDERATIVE INTERNATIONAL PROGRAM FOR ANATOMY EDUCATION

THE ANATOMY FESTIVAL 2021

INCLUSIVE DIVERSE ACCESSIBLE

15 OCTOBER - 15 DECEMBER 2021



Dear Anatomy Colleagues and Friends,

Thank you for the wonderful response to **The Anatomy Education Festival** and to those who joined the **Opening Symposium** on World Anatomy Day. If you were not able to join, recordings of the presentations are available at

<http://www.ifaa.net/anatomyfestival/>.

The Anatomy Education Festival continues all the way through to the **Closing Symposium** on 15 December 2021. We are now at the **Anatomy Connex** part of the festival, where anatomists from around the world are invited to share their work related to the festival theme: **Inclusive, Diverse and Accessible**.



SHOWCASE WORK ON THE FESTIVAL THEME NOW ACCEPTING SUBMISSIONS!

Video or Poster Presentations of Education Practice, Research and Innovation
Creative Art Presentations of both Visual Art (paintings, drawings, graphics, biomedical visualisation, etc.) and Non-visual Art (song, poetry, etc.)

Submissions can be of a variety of types and formats (see below) and further details are available at <http://www.ifaa.net/anatomyfestival/>.

Video & Poster

- **video presentation:**
- format: maximum, 10 mins; .mp4
- **poster presentation:**
- format: A1/A2; format, .pdf

Resources

- **anatomy resources & biomedical visualisation:**
- format: DOI, URL, .mp4, pdf, .obj
- **peer-reviewed publications**
- format: DOI or URL

Creative Art

- **visual art** (e.g. painting/drawing, visual art, sculpture etc.): a format mentioned above
- **non-visual art** (e.g. poetry, song, etc.): a format mentioned above

Awards for best submissions will be announced at the December symposium.

The submission form can be accessed at <https://bit.ly/TheAnatomyFestival>

We are keen also to **hear from societies** on their initiatives towards making anatomy being inclusive, diverse and accessible. Please contact us directly if your society has a work to share related to the conference theme.

Finally, please diarize the **Closing Symposium on 15 December 2021**, where Professor Bernard Moxham will deliver the keynote titled, **Anatomy and Sexual Equality**. A full symposium program will be published soon.



CLOSING SYMPOSIUM
15 December 2021

KEYNOTE: ANATOMY AND SEXUAL EQUALITY
by Professor Bernard Moxham

Full Program coming soon!

FIPAE: FEDERATIVE INTERNATIONAL PROGRAM FOR ANATOMY EDUCATION

ANATOMY CONNEX



AnatomyCONNEX is here!

A portal for a global anatomy community sharing engaging research, leading-edge biomedical visualisations, stunning visual art and thoughtful poetry.

“To develop a complete mind: Study the science of art. Study the art of science. Develop your senses – learn how to see. Realise that everything connects to everything else”.

~ Leonardo Da Vinci (1452-1519)

AnatomyCONNEX

#AnatomyCONNEX is the IFAA Education Program's initiative to **connect** anatomists around the globe, **share** anatomical resources, scholarship and creativity, **promote** our discipline, and **showcase** our societies and people.

AnatomyCONNEX includes:

- education and biomedical resources shared for use by others
- video/poster presentations, and publications of scholarship and research
- visual art exhibits for our enjoyment and pleasure
- poetry and prose for our edification and stimulation

The first **AnatomyCONNEX** showcase has been released at <http://www.ifaa.net/anatomyconnex/>

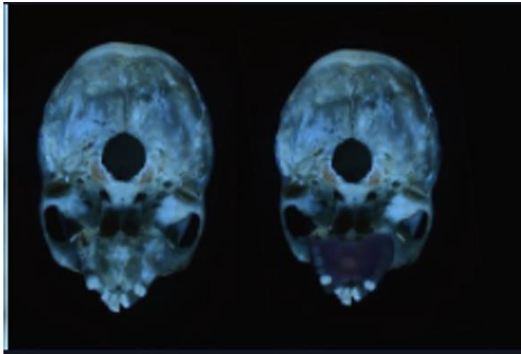
We would be delighted if you would contribute to AnatomyCONNEX too.

Do you have work to share with the global network of anatomists?
Are you an anatomical society and/or anatomy department/group with resources to share beyond your current network?

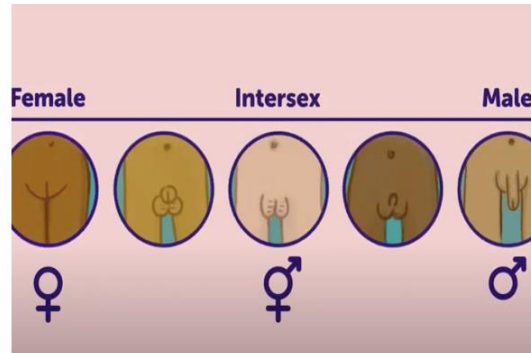
Submissions are easy and streamlined @ <https://bit.ly/TheAnatomyFestival>

For 2021, our focus is on contributions demonstrating anatomy's **diversity, inclusivity and accessibility**. We would be delighted to promote initiatives of anatomical societies and anatomists on this theme.

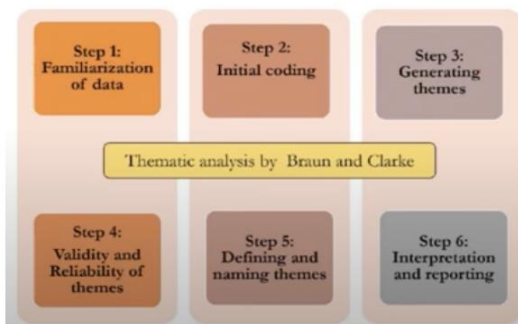
To whet your appetite, here is an excerpt from the submissions in this showcase.



Skull Cold Case, image extracted from the **Anthropology Image Repository** by David Bryson, University of Derby, UK



Gender Roots, Image extracted from the animated video, **Gender Roots** by Sarah Gluschitz, St George's, Grenada



Pandemic Pedagogy, image extracted from research presentation **Transition to a virtual journal club** by Kerri Keet et al., Stellenbosch, South Africa & Namibia



The Pelvis, image extracted from the felting wool artwork, **The Pelvis** by Janet Philp, University of Edinburgh, UK

Comments, questions and queries on any of these can be sent to me

at: N.Pather@unsw.edu.au

3rd IFAA FIPAR Webinar

2021 December 14th (Tue)

9:00 - 10:30 (UK), 10:00 - 11:30 (Central European Time)

17:00 - 18:30 (Beijing), 19:00 - 20:30 (Melbourne)

Organized by **Federative International Programme on Anatomical Research (FIPAR)**

Program (Time is in GMT)

9:00 – 9:10 Welcome and housekeeping (Dr. Han-Sung Jung, Yonsei University, Korea)

9:10 – 9:30 **Dr. Iain D Keenan** (School of Medical Education, Newcastle University, UK)

“Exploring 3D Anatomy”

9:30 – 9:35 Q&A

9:35 – 9:55 **Mr. Leonard Shapiro** (Dep. of Human Biology, University of Cape Town, South Africa)

“Anatomical Observation using Touch and Drawing”

9:55 – 10:00 Q&A

10:00 – 10:20 **Dr. Caroline Erolin** (Centre for Anatomy and Human Identification (CAHID), University of Dundee, UK)

“Interactive 3D Digital Models for Anatomy and Medical Education”

10:20 – 10:25 Q&A

10:25 – 10:30 Closing Remark (Dr. Han-Sung Jung)

The Webinar will be held online in **WebEx**

Please download the WebEx program before joining the meeting.

Download link: <https://www.webex.com/downloads.html>

- Meeting link:

<https://yuhs.webex.com/yuhs/j.php?MTID=m3dbe1f9e511858cca5130e7344448ad7>

- Meeting Room No: 2517-817-1347

- Password: 1234

Mobile app is available on app store and google play



IFAA President's Emergent Anatomists Programme



The IFAA President's Emergent Anatomists Programme was established at the 19th IFAA Congress in 2019. The programme aims to support emergent anatomists as they grow in their professional networks and identities. Despite the difficulties of the COVID-19 pandemic, the programme held two very successful virtual Scientific Writing Skills workshops in 2021. The first was launched at the Anatomical Society of South Africa conference in April. The second workshop, in August, was open to emergent anatomists from around the world with participants from Ethiopia, Spain, Turkey and South Africa. Workshop participants enjoyed the interactive sessions which sparked much discussion! We would like to thank Prof Beverley Kramer and Dr Erin Hutchinson for their support in running and facilitating the workshops. More workshops and webinars are planned for 2022. To be included on the programme's mailing list, please email IFAA.PEAP@gmail.com.

Co- Chairs IFAA President's Emergent Anatomists Programme:



Dr Carol Hartmann,
Unit for Undergraduate Medical
Education, University of the
Witwatersrand



Prof Jose Sanudo,
Department of Human Anatomy and
Embryology, Complutense University,
Madrid Spain.

ASSA WORLD ANATOMY DAY VIRTUAL SYMPOSIUM

Dear ASSA members,

15 October 2019 was the first International Anatomy Day, providing anatomists with an opportunity to both celebrate anatomical advances like these, as well as convey the need for more research and development in the field.

In celebration of World Anatomy Day (WAD) and following the success of the first ASSA World Anatomy Day online symposium that was held on 14 October 2020, I was delighted to have announced, on behalf of ASSA Council, the 2nd ASSA WAD online symposium that was held on Wednesday, 13 October 2021.

The goal of this symposium was to provide postgraduate students as well as registered student members of the Society and opportunity to present any current research. The session was chaired by ZN Tshabalala (NMU) and featured thirteen presenters who

dazzled the attendees of the virtual session with presentations that covered all aspects of the anatomical sciences.

For the first time – and hopefully not the last – we could showcase the extraordinary art of some of our students, as well as members. The session was facilitated by L Shapiro (UCT) and included ten talented artists exhibiting and discussion their artistic works. This session was extremely well received and we are excited to develop this further for future ASSA WAD celebrations.

Greg Keyter from Elsevier was generous enough to sponsor some book prizes that was raffled off and awarded to three participants of each session. Lorenzo Fabbri (Elsevier) was also kind enough to provide everyone in attendance a Complete Anatomy demonstration.

Before the conclusion of the online symposium, the UWC organizing

committee had put together a beautiful video with all the necessary details for the 49th annual ASSA conference that will be held virtually from the 19th to the 21st of April 2021. More detail is available at assa2022.uwc.ac.za and I urge all of you to consider attending and participating in what promises to be an exciting academic event!

I would particularly like to thank Dr. Nkhensani Mogale and Ms Jade Naicker for their assistance in organizing the 2nd ASSA WAD online symposium.

Kindest regards and stay safe
Prof. Albert van Schoor



Some of the art exhibited during the art exhibition and discussion.

Meet our ASSA 2022 Student representative

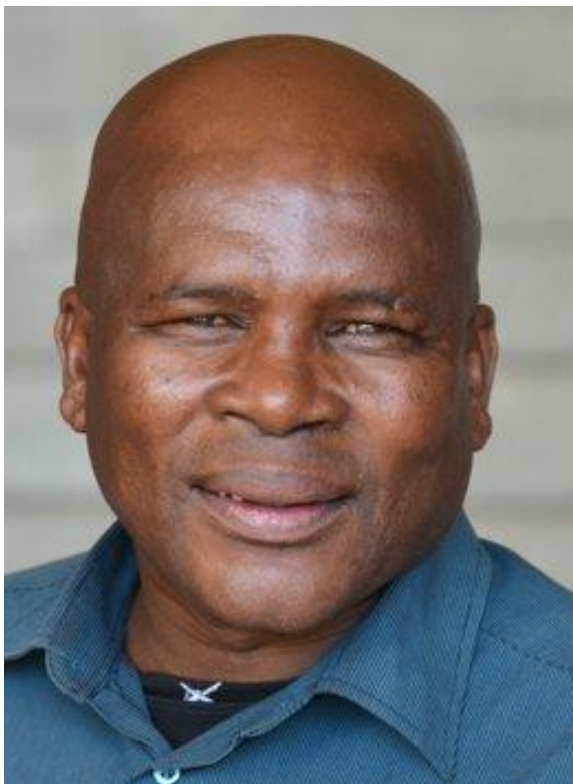


Student representative: Melissa Jenniker

Melissa obtained both her undergraduate and honour's degree in medical bioscience from the University of the Western Cape (UWC) and is currently perusing her master's degree in nanoscience from UWC. Her research focuses on drug delivery using solid lipid-based nanoparticles in the treatment of breast cancer. She holds a keen interest in human anatomy, physiology and the development of novel nanoparticle concepts. Specifically, how treatments and advances in her field of study can benefit individuals within, and outside of, the scientific community.

University of the Free State: Department of Basic Medical Sciences

With the reduction in COVID restrictions this year, many of us were fortunate enough to return to face-to-face sessions with our students and relished every opportunity to (safely!) interact with each other again.



Mr. Andries Pono

(22 October 1957 – 8 July 2021)

Tribute to Mr. Andries Pono

The department sadly lost one of our own during the pandemic. Mr. Andries Pono (“Ntate”) had been working in the Faculty of Health Sciences as technical assistant since 1981, and would have retired at the end of 2021 after 40 years of service. Mr. Pono was responsible for manufacturing many of the anatomical specimens used as study aids in the faculty and management of technical workshops presented in the department. He was also part of the team that started using the plastination technique for preserving specimens and teaching technicians from other institutions in the country how to do so. We dearly miss Ntate’s generosity of spirit, joyful chuckle, and kind personality.

Achievements

The Faculty of Health Sciences Dean’s Medal was awarded to one of our 2020 anatomy honours students, Ms Mandi van der Merwe, for achieving the best results in respect of a Bachelor

Honours degree in the faculty. Ms Van der Merwe has since joined the MBChB training programme at the University of Pretoria, advancing in her lifelong dream of becoming a medical doctor.



Dr Arnelle Mostert with her certificates for the Vice Chancellor’s Award for Excellence in Learning and Teaching and the Khothatsa project.

Dr Arnelle Mostert was the recipient of the Vice Chancellor’s Award for Excellence in Learning and Teaching in 2021. She was one of three staff members of the UFS nominated for this

prestigious award. She presented her work at the Annual UFS Learning and Teaching conference. The theme of her presentation was “The bare bones of anatomy and physiology teaching: A mixed bag of opportunities”. Dr Mostert was also nominated by her students for the Khothatsa project (Khothatsa means "to inspire" in Sesotho), an initiative of the Centre of Teaching and Learning, UFS to give recognition to inspiring lecturers. Additionally, Dr Mostert was elected to serve on the SAAHE central regional management committee.

Workshops presented

During the month of May, Dr Maass presented the annual “Introduction to osteology” and “Forensic archaeology theory and practice” workshops to students from the UFS forensic sciences programme. Unfortunately, COVID restrictions prevented the students from participating in the accompanying excavation practical, but this gave our honours students (all attendees of the workshop in 2019) the opportunity to spend an afternoon excavating a mystery case.

On 30 June, the department hosted our colleagues of the Department of

Anaesthesiology for a workshop “Echocardiography in Anaesthesiology”. Using pig hearts as models, attendees were shown the value of echocardiography as a diagnostic and monitoring tool in clinical practice.

Right: Honours students Mojalefa Nkoi, Daniëlle van der Merwe, and Kelebogile Masunyane “excavating” a skeleton.

Below: The Echocardiography in Anaesthesiology workshop providing hands-on experience of cardiac anatomy.



Department of Basic Medical Sciences Supports "CrAZy sOcKs 4 DoCs"



Screenshot of the BMS Crazy Socks for Docs message to healthcare workers

Community

Staff from the department again took part in the annual Crazy Socks for Docs initiative to raise awareness and support for health professionals dealing with mental health issues. Staff shared photos of their own (and their kiddies') feet in funky and funny socks, which was shared with a message of thanks to those working during the pandemic.

Conferences/seminars/webinars attended

With many conferences still being presented online (and free!), many of our anatomy staff were able to participate in local and international events.

Both staff and students attended presentations given during the two-day virtual 48th ASSA conference in April, with Dr Petra Maass presenting, and the Department also being represented in the virtual anatomy department

showcase. Many also attended the second World Anatomy Day Virtual Symposium, where three of our UFS students' artworks were showcased.

During June, Drs Sanet van Zyl, Roné De Wet and Arnelle Mostert presented at the virtual South African Association for Health Educationalists (SAAHE) conference. In August, Drs Sanet van Zyl, Beynon Abrahams, Tshegofatso Ramphaleng and Roné De Wet presented papers at the 52nd UFS Faculty of Health Sciences Research Forum, with Dr Sanet being part of the team winning the prize for the best poster in the educational poster senior category. Dr Petra Maass served as Chairperson of the Student forum and session chair for the main forum.

World Anatomy Day (15 October) celebrations

As part of the celebrations this year, the Department of Basic Medical Sciences hosted a competition for staff and students, where participants were

challenged to submit art, jokes or quotes relating to human anatomy. A selection of submissions was on display in the Francois Retief Foyer during the week of 11-15 October. The winning staff member was Mr Khayelihle Guambe, and the winning student was Ms Katya Geustyn. The winners received amazing prizes of books and flashcards, kindly sponsored by Elsevier.

Our anatomy honours students also had their own World Anatomy Day project, going around campus and asking students and staff some very tough anatomy trivia questions such as "what does the spleen do?" and "how do you spell epididymis?". The hilarious answers were compiled in a video that was distributed to our students on World Anatomy Day and showcased in the faculty.

**Compiled by
Dr S van Zyl and Dr P Maass**



Dr Sanet van Zyl, Ms Sadhna Singh, and Dr Petra Maass with the winning artworks of the UFS World Anatomy Day competition.

University of the Witwatersrand: School of Anatomical Sciences



Congratulations to Professor Amadi Ogonda Ihunwo who has been appointed as Head of School for Anatomical Sciences.



Professor Amadi Ogonda Ihunwo is a Professor of Anatomy and a Neuroscientist at the School of Anatomical Sciences, Faculty of Health Sciences, University of the Witwatersrand, Johannesburg, South Africa. He joined the School and Wits University in May 2005 as a Senior Lecturer and subsequently rose to a Full Professor. His research area is Comparative Adult Neurogenesis and Gliogenesis; looking at the generation of new cells in the adult brain in mammalian and avian species and the factors that affect the process at different life stages. He has supervised and graduated several postgraduate students. He has several publications in Department of Higher Education (DoHE) accredited journals. While his tenure as the Secretary-General of the Society of Neuroscientist of Africa (SONA) ends this year, 2021, he was re-elected as a Councillor, representing Africa on the Council of the International Society for Neurochemistry (ISN, 2021 - 2025). Professor Ihunwo is a Visiting Neuroscientist at the Brain and Mind Institute, Aga Khan University, Nairobi, Kenya.

Wits weblink: <https://www.wits.ac.za/staff/academic-a-z-listing/i/amadiihunwowitsacza/>

We are looking forward to your leadership and wish you all the best in this new role.

Workshops

A Forensic Archaeology and Dry Bone Taphonomy workshop (21-25 June 2021) was hosted by the Human Variation and Identification Research Unit (HVIRU), School of Anatomical Sciences, University of the Witwatersrand in collaboration with the Forensic Anthropology Research Centre (FARC), Department of

Anatomy, University of Pretoria. The workshop included talks from national (Dr Anja Meyer (WITS) and Mr Okuhle Sapo (UP)) and international (Professor James Pokines (Boston University)) specialists in forensic archaeology and taphonomy, and a two-day fieldwork component during which participants had to locate, excavate and document a porcine grave.



Forensic Archaeology and dry bone Taphonomy workshop participants



Forensic Archaeology and dry bone Taphonomy workshop participants

Various staff and students, including Prof D Brits Drs C Small and N Bacci as well as postgraduates Rethabile, Claudia and Natasha, also attended the Bakeng se Afrika Trauma Workshop Beatings, Bullets and Broken Bones: Interpreting Blunt and Ballistic Bone Trauma from a Medical and Forensic Perspective using 3D Imaging, at the University of Pretoria (2-4 November 2021). During this course attendees learned about bone biomechanics and the use of 3D imaging in teaching.

Funding

Prof D Brits received funding for minor equipment from the University

Research Committee (URC), University of the Witwatersrand.

World Anatomy Day

Staff and students represented the School at the annual Anatomical Society of Southern Africa (ASSA) World Anatomy Day (WAD). During this virtual event a number of individuals shared teasers of their research including:

- a. Spies AJ, Steyn M, Prince D, Brits D. Radiological detection and interpretation of osteological sharp force trauma

- b. Etoniru IS, Myburgh J, Steyn M, Brits D. Natural mummification rates in southern Nigeria

Conferences

48th Annual Conference of the Anatomical Society of Southern Africa (ASSA)

The 48th Annual Conference of the Anatomical Society of Southern Africa 2021 was a virtual event hosted by the University of KwaZulu-Natal and Durban University of Technology. This conference was attended by a number of staff and students who presented poster and podium presentations, including:

1. Keyes CA, Myburgh J, Brits D. Urban scavenging of skeletal remains by the slender mongoose (*Galerella sanguinea*) in Johannesburg, South Africa. (Won the award for Best Oral Presentation by a Young Researcher)
2. Keyes CA, Myburgh J, Brits D. Scavenging taphonomy in the rural Lowveld and Highveld of South Africa. (Won the SV Naidoo Award for Best Poster Presentation)
3. Mamabolo B, Alblas A, Brits D. The accuracy and repeatability of the

Lodox stat-scan osteometric measurements.

4. Masiu R, Brits D, Steyn M. Recent cases involving women and children at the Human Identification Unit, University of the Witwatersrand.

Postgraduate students also represented the School at various international conferences. Dr Spies did a podium presentation at the International Academy of Legal Medicine (Virtual event; 1-4 June 2021) entitled Spies A, Steyn M, Prince D and Brits D. Detection and interpretation of sharp force skeletal trauma using radiological imaging, as well as at the 73rd American Academy of Forensic Sciences (AAFS) Annual Scientific Meeting, (Virtual event; 15-19 February 2021) entitled Spies AJ, Steyn M, Prince DN, Brits D. An assessment of the ability of forensic anthropologists to detect skeletal trauma using radiological methods. Dr Keyes also did a poster presentation at the AAFS meeting entitled, Keyes CA, Myburgh J, Brits D. Vulture and black-backed jackal scavenging: forensic implications for the recovery of scattered remains in South Africa. The Humanitarian and Human Rights Resources Center (HHRRC) also hosted a poster session

during the annual AAFS meeting where our postgraduate students also represented the Schools. These presentations included:

1. Keyes CA, Myburgh J, Brits D. Vulture scavenging in the Lowveld of South Africa and the implications for forensic investigations.
2. Keyes CA, Myburgh J, Brits D. Bone modifications by scavengers in South Africa and the implications for forensic investigations.
3. Etoniru SI, Myburgh J, Brits D, Steyn M. Decomposition rates in the wet season in southern Nigeria.

Prof Brits also attended the virtual advanced course and symposium hosted by the Forensic Anthropology Society of Europe (FASE), (11-13 November 2021) where she showcased a poster entitled Mamabolo B, Alblas A, Brits D. Assessing the accuracy and repeatability of low-dose x-ray osteology measurements of the pelvis.

**12th Wits Cross-Faculty
Postgraduate Symposium
competition**

At a recent meeting of the Wits Cross-Faculty Postgraduate symposium in July 2021, Mr Arthur Manjatika was awarded second place in the poster category for his work entitled:

***Anatomical variations and
histological evaluation of the
Iliolumbar veins in a White South
African Population and their clinical
implications: a cadaveric study***

Supervisors:

Dr Joshua Gabriel Davimes,

&

Dr Pedzisai Mazenganya



Arthur Manjatika, 2nd prize poster

Arthur is a Malawian Physiotherapist and Anatomist. His Master of Science in Medicine dissertation looked at the “Topographical and histological evaluation of the iliolumbar veins in a South African population”. He obtained his MSc Med (anatomical sciences) with a distinction. His research interests are in clinical anatomy and forensic anthropology. He regularly presents his research findings at both local and international conferences. He also helps with training the undergraduate dental, medical and allied health

profession students in the School of Anatomical Sciences. He is also a volunteer at Sizanani Home Base Care Facility (South Africa). He is a 400 meters splinter and a seasoned fitness instructor.

Dr Illke Malungo & Dr Erin Hutchinson

University of the Witwatersrand

**University of Johannesburg:
Department of Human Anatomy and Physiology (HAP)**



HAP Anatomy Staff with the HoloLens units

2021 has been a productive year for HAP. We continued with blended-style teaching and HAP staff embraced online teaching by creating innovative and interactive online modules that their students enjoyed. HAP also invested in 4IR this year, with recent purchase of HoloLens and Microsoft Oculus.

Outstanding Achievements: Awards

We wish to congratulate Shahed Nalla and Asma Shaik-Kader (Physiology lecturer within HAP), who are recent awardees. Shahed Nalla received the “eLife Ben Barres Spotlight Award”. Asma won the “Best Presentation Award” at the Universitas 21 Health Sciences Group Doctoral Student Forum, for her presentation on “Laser Irradiation at 660nm Affects Cyclooxygenase 2, Interleukin-6 and Tumour Necrosis Factor – Alpha Levels in Diabetic Wounded Fibroblast Models”. Well done on your outstanding accolade, Colleagues!



Prof Shahed Nalla

Graduation

We are proud to announce that Nicolene Jooste will graduate with her PhD in Anatomy on 13 December 2021 from the University of Witwatersrand. Her dissertation was entitled, “A comparison of multifactorial statistical models for age-at-death estimation from the adult skeleton, tailored to a South African forensic context”. She also completed an online course in “Essential Skills in Medical Education” presented by the Association for Medical Education in Europe this year – We are exceptionally proud of you, Dr. Jooste!



Dr Nicolene Jooste

Funding and Grants

Nicolene Jooste and Sundika Ishwarkumar were recipients of the University of Johannesburg's Teaching Innovation Fund grant, their projects were entitled "Enhancing remote and laboratory-based osteology practicals with 3D printed models" and "Introducing millennial (21st century) Health Science Students to 4IR: Virtual Reality in Anatomy Teaching", respectively. Their projects are set to kick-off in the 2022 academic year. Thandi Fasemore received the "IBRO Travel Grant" for travel between November 2021 and June 2022 – Safe travels, Thandi.

Conference/Webinars Attendance

Shahed Nalla conducted a successful and well-attended workshop at the 48th Annual Conference of the Anatomical Society of Southern Africa in April 2021 on "Planning your academic journey – A step ahead".

Sundika Ishwarkumar also presented an oral presentation at this conference on the "Classification of the Musculocutaneous nerve patterns in fetuses". Thandi Fasemore presented her research at three conferences this year; she presented an oral presentation entitled, "The neuroprotective effect of Combretum molle methanolic leaf extract in the brain of D-galactose induced aging rat Model" at the Society for Neuroscientist Africa held in Ghana.

She also presented at the IBRO-ARC School of Neuropharmacology Research and Drug Development in Ghana on "The effect of Combretum molle on cognitive performance and acetylcholinesterase activity in D-galactose induced aging rat model". In November, Thandi presented her research on "Adult neurogenesis and protective effect of methanolic leaf

extract of Combretum molle on D-galactose induced aging rat model of Sprague Dawley” at the Society for Neuroscience held in Chicago.



Thandi Fasemore with Dr Robert Biney and Prof Martha Davilla-Garcia (Organizers) at the IBRO-ARC School of Neuropharmacology Research and Drug Development in Ghana



Thandi Fasemore with Prof Tracy Bale (Current President of IBRO) at the Society for Neuroscientist Africa Conference held in Ghana

Outstanding Research

Shahed Nalla and colleagues recently published groundbreaking research on the Australopithecus Sediba Fossils. Their study is entitled: “New fossils of Australopithecus Sediba reveals a nearly complete lower back”, which reveals that the ancient human relative, Australopithecus Sediba, “walked like a human, but climbed like an ape”.

Sundika Ishwarkumar

University of Johannesburg

University of Stellenbosch: Division of Clinical Anatomy

Building and museum update

The renovations of the FISAN building are coming along nicely and we are set to move into our new space on the 6th December. After more than a year of working from home and sharing office space during the disruption of the building work, we are looking forward to a stylish and modern workspace. Pictures to follow in the next edition of the newsletter.

Medical Morphology Learning Center

We are excited to announce our exhibition installation at the reception area in the Clinical Building at the Faculty of Medicine and Health Sciences, Stellenbosch University. The

exhibition stretches across a colourful history of the SU Morphology Museum through the installation of different mediums such as paintings, photos, human specimens including clay and plastic models' specimens. Since the dawn of time, human biology has been a vital and central component of our health sciences, at its core this is what we would like to show with all our future exhibitions at our new Learning Centre (MMLC). The new MMLC space will be a museum where students, learners, and teachers can interact with the different specimens chosen to support their classroom practice. The MMLC has also launched new merchandise available on request. Just follow all the necessary details on the poster attached including our payment processing details.



Farewells



Prof Karin Baatjes, new Vice Dean of Learning and Teaching.

Our Head of Division, Professor Karin Baatjes took up her new position of Vice-Dean of Learning and Teaching of the Faculty of Medicine and Health Sciences, Stellenbosch University, on the 1st November 2021 (<http://www.sun.ac.za/english/Lists/news/DispForm.aspx?ID=8603>). Farah Sharief, our magical administrator, took up the vacant position of Prof Baatjes' personal assistant. We miss them greatly but wish them both all the best with their new exciting adventure. We congratulate Dr Mandi Alblas who is acting head of the division and wish her

all the best with her new leadership role.

Stellenbosch University Anatomy Society (SUAS) update

SUAS is faced with a unique set of challenges in 2021/2022, COVID-19 being one of the biggest hurdles. During the first quarter, SUAS focused on social outreach to underprivileged areas of Cape Town. Members of SUAS joined the Book Buddies team at the Emmanuel Centre in Khayelitsha for comprehensive activities with the children (reading, writing, and language skills). During October, in the spirit of supporting women with breast cancer, SUAS members teamed up with Zonnys Love Boxes project to provide women with a message of encouragement.

In light of the COVID-19 restrictions and construction at Tygerberg Hospital, SUAS will host a number of workshops in the next quarter. The workshops will aim to reintroduce the basics of cadaveric dissections and interactive anatomy learning for students in the faculty who did not have the opportunity to attend practicals during the pandemic.

Conference presentations & publications

Despite the ongoing challenges of COVID-19 restrictions and construction, the division has been very productive in research activities, with many staff and postgraduate students presenting at conferences and publishing articles.

ASSA World Anatomy Day

Many of our postgraduate students presented an “elevator pitch” of their research at ASSA’s World Anatomy Day, which celebrated Andreas Versalius on the 13th October.

Stellenbosch University’s Scholarship of Teaching and Learning Conference

The most recent findings of the ongoing virtual journal club research were presented by Kerri Keet in an oral presentation at the annual prestigious Scholarship of Teaching and Learning Conference, while Jodie Lemphane presented the findings of the postgraduate Pandemic Pedagogy study.



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Evaluation of a hybrid journal club in Anatomy during the COVID-19 pandemic

Kerri Keet¹, Janine Correia¹, Rudolph Venter^{1,2}, Karin Baatjes^{1,3}, Quenton Wessels⁴

¹Division of Clinical Anatomy, Department of Biomedical Sciences, Faculty of Medicine and Health Sciences, Stellenbosch University.

Divisions of ³Surgery and ²Orthopaedic Surgery, Department of Surgical Sciences, Tygerberg Hospital.

⁴Department of Anatomy, School of Medicine, University of Namibia.



Fakulteit Geneeskunde en Gesondheidswetenskappe

Faculty of Medicine and Health Sciences



PANDEMIC PEDAGOGY IN THE RESEARCH SETTING: THE POSTGRADUATE STUDENTS PERSPECTIVE

KJ Baatjes¹, JJ Layman-Lemphane¹, K Keet¹, A Alblas¹ & I Meyer²

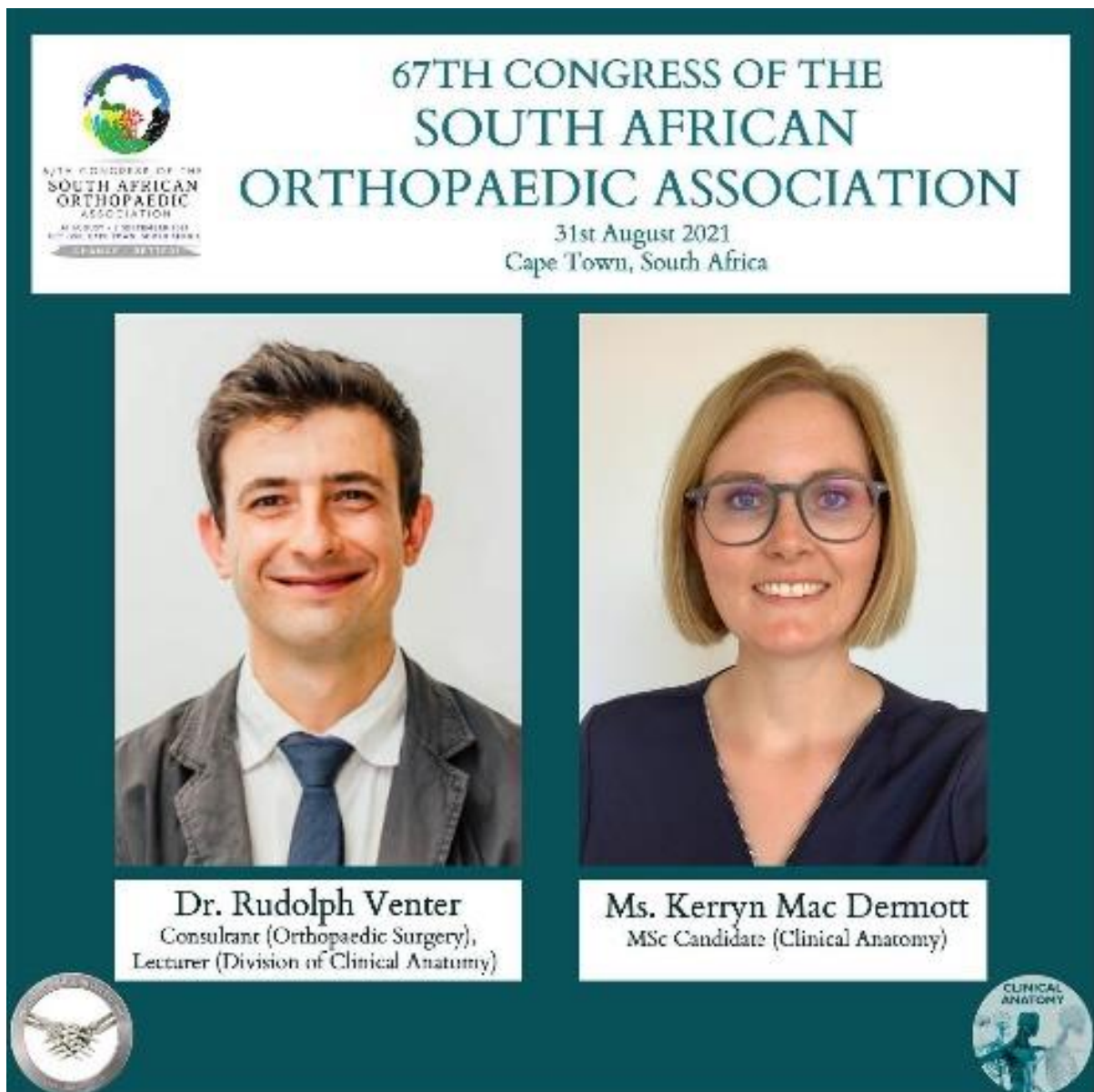
¹Division of Clinical Anatomy, Department of Biomedical Sciences, Faculty of Medicine & Health Sciences, Stellenbosch University

²Centre for Health Professions Education, Faculty of Medicine & Health Sciences, Stellenbosch University



samen vorentoe - maseke phambili - forward together

South African Orthopaedic Association Congress



Dr. Rudolph Venter
Consultant (Orthopaedic Surgery),
Lecturer (Division of Clinical Anatomy)

Ms. Kerryn Mac Dermott
MSc Candidate (Clinical Anatomy)

Rudolph Venter and Kerryn Mac Dermott presented their research in oral talks at the congress in August.

International Conference of Undergraduate Research

Kerryn Mac Dermott and Daniella Lamprecht presented their honours research in oral talks at this international conference in September.

Annual Academic Day



Faculty of Medicine and Health Sciences
65th ANNUAL ACADEMIC DAY

18 - 19th August 2021

**Congratulations to those in our
Division who contributed:**

Dr. Mandi Alblas
Prof. Karin Baatjes
Ms. Anna Beyers
Ms. Janine Correia
Ms. Kerri Keet
Ms. Johara Khan
Ms. Jodie Layman-Lemphane
Ms. Kerryn Mac Dermott
Ms. Chantelle Marais
Dr. Rudolph Venter



Dr Kerri Keet & Dr Mandi Alblas

University of Stellenbosch

Nelson Mandela University: Department of Human Biology

The Anatomy Team at Nelson Mandela University has had quite an eventful year, which kicked off with the commencement of the academic programme of the first cohort of students at the Medical School. Returning to the physical classroom for 'mask-to-mask' lectures was a decision warmly welcomed by staff, whilst preparations for any sudden shifts to online platforms had to be made due to the everchanging climate brought about by COVID-19. The first-year curriculum mainly consisted of an introduction into Histology, Embryology and Gross Anatomy that will spiral into the second-year curriculum where students delve further into the human body in a systems-based approach to anatomy.

The arrival of three more Anatomage tables, together with resources such as Complete Anatomy, allowed for a well-balanced blended learning approach that students have seemed to enjoy – yet many are eager to begin dissection. Cadaveric dissection will commence in

the second year of the MBChB degree at Nelson Mandela University and is scheduled to start in February 2022. The Department of Human Biology would like to thank our colleagues at the University of Cape Town for assistance in cadaver acquisition as well as pathology specimens that will play pivotal roles in the teaching of anatomy at Mandela Uni.

While the use of cadaveric material is albeit a norm for us as anatomists, both Dr Tshabalala and Mr Naidoo were cognizant that for the rest of the University body this would be far from normal. Therefore, with this in mind, several meetings were held to inform, educate and raise awareness around standard anatomical practices. Workshops were held by Dr Tshabalala with all levels of staff from University Management to Technical Services and Cleaning Staff to answer any questions and concerns as well as to desensitise staff.

Working with cadaveric material necessitates the need for high standards of ethical practice. Consequentially, Mr Naidoo hosted a workshop titled 'Recognising the *Human* in Human Anatomy' with first-year medical students and staff in an effort to educate them on ethics in anatomical sciences before they interfaced with any form of cadaveric material. This interactive session shone a spotlight on South African history pertaining to anatomy, as well as informed students on the legislation governing cadaveric material, body donation processes and treatment and care of cadavers.

We are excited for our upcoming year where we will be adding a cohort of 80 first-year medical students and look forward to our novel experience of having two years of curriculum running concurrently. Approaching the end of an academic year allows many academics to reflect on lessons learnt – keeping what works and changing what does not work. The main lesson that we have learnt at Nelson Mandela University is that, in lectures, anatomy puns should always remain *humerus*.

Joastin Naidoo

Nelson Mandela University



A demonstration of the features of the Anatomage table with Mr Joastin Naidoo and Dr Zithulele Tshabalala



Minister of Higher Education Honourable Blade Nzimande (left) visits the anatomy laboratory at the recent launch of the Nelson Mandela University Medical School

The Art of Anatomy



Luke Daniels

I am Luke-John Daniels, an MSc II student in the Division of Clinical Anatomy of Stellenbosch University. In this illustration, I attempted to depict the process of Residual Ridge Resorption (RRR) in edentulous patients. The topic of RRR is intriguing as not a sufficient amount of anatomical research has been produced on it. Therefore, I have decided to base my MSc on RRR to understand its morphology. Anomalies and conditions such as these are what I endeavour to capture using illustrations in the field of the Anatomical and Medical sciences. Illustrations are important in academia as the artist is able to capture scrupulous detail that

some photographs cannot. With a background in Anatomy and Physiology, it makes it even more so convenient to pay attention to scientific details that a depiction is required to portray



Obakeng Modisane

I am Obakeng Modisane, a Masters student in Clinical Anatomy at the University of Pretoria. "I would love to do research in most areas of human anatomy, but I enjoy research that involves surgery and neurovascular structures. I see this area as interesting and challenging.

I enjoy and love creating art, mostly because I'm interested in digital designing and modelling. My inspiration for some of the artwork was the research that I'm currently doing and the other was art that I was interested in recreating, as well as improving my skills in drawing. Moving forward I would

love to create illustrations for learning and teaching. I am also learning 3D digital modelling, in the future of learning more about this area, I'm interested in creating 3D digital illustrations and simulations from 2D anatomical structures."



Illustrated by O. Modisane, UP



Illustrated by O. Modisane, UP

Residual Ridge
Resorption
influences mouth
morphology

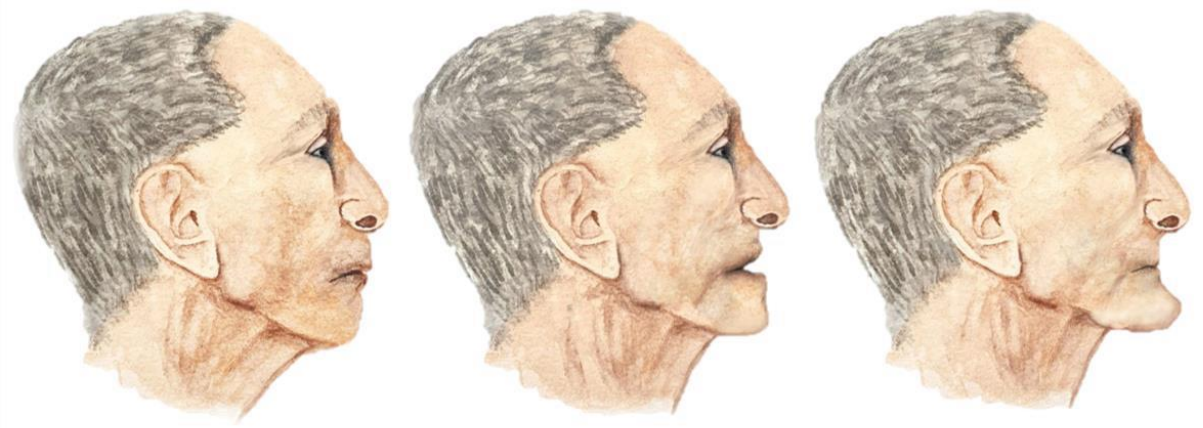
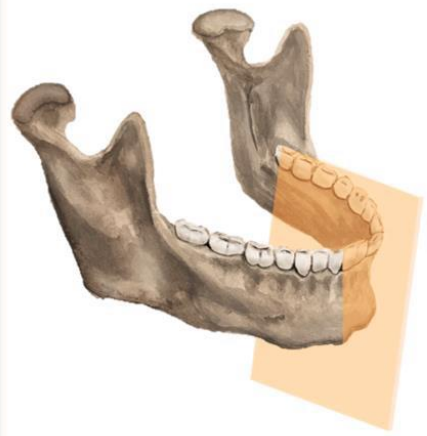


Illustration by L. Daniels

UPCOMING EVENTS

WITS
UNIVERSITY



UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG

FACULTY OF HEALTH SCIENCES

SENIOR LECTURER

SCHOOL OF ANATOMICAL SCIENCES

Applications close 7 December

Duties:-

- Assist with teaching in Morphological/Clinical Anatomy in the School of Anatomical Sciences
- Participate in research in any field related to Anatomical Sciences. A strong research record is essential
- Serve on Faculty and University committees as necessary
- Supervise undergraduate and postgraduate research
- Participate in programme reviews and accreditation processes

Qualifications and experience: -

- A health professional degree with specialist qualification or a PhD or equivalent in an appropriate discipline completed or nearing completion
- At least 8 DOHET/ISI-accredited publications which demonstrate self-initiated, independent research and ongoing scholarly ability

- At least 5 years' experience of teaching in Anatomical Sciences at postgraduate as well as undergraduate level, preferably with responsibility for curriculum development and assessment
- Academic administrative experience and membership of Faculty/University level committees
- An active membership with an Academic Society related to Anatomical Sciences

Remuneration:-

Dependent on qualifications and experience. The package includes a provident fund, medical aid and bursaries for self and dependents, subject to University's regulations.

Please submit a covering letter clearly indicating which post you are applying for, a detailed CV with names, addresses, contact numbers and e-mail addresses of 3 referees and certified copies of degrees via i-Recruitment <https://irec.wits.ac.za>.

Internal applicants are invited to apply directly on Oracle by following the path: iWits / Self Service Applications / "Apply for a job".

The University is committed to employment equity. Preference may be given to appointable applicants from the underrepresented designated groups in terms of the relevant employment equity plans and policies of the University. The University retains the right not to make an appointment and to verify all information provided by candidates.

Please note that correspondence will only be entered into with shortlisted candidates. The University reserves the right not to make an appointment or to re-advertise.



UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG

FACULTY OF HEALTH SCIENCES

SENIOR LECTURER / ASSOCIATE PROFESSOR

BIOLOGICAL ANTHROPOLOGY

SCHOOL OF ANATOMICAL SCIENCES

Applications close 31 December

The School of Anatomical Sciences wishes to appoint a **Senior Lecturer/Associate Professor** in the field of Biological Anthropology as broadly conceived to include human biological variation, growth and development, paleoanthropology, skeletal biology, and forensic anthropology. It is expected that the appointee will meaningfully contribute to the teaching, research, and course development of the School. Experience in teaching Morphological (Gross) Anatomy and postgraduate supervision in any of the above-mentioned Biological Anthropology fields is required, as well as a proven track record in research. The School is research orientated and has well-equipped laboratories.

Responsibilities:

Major teaching responsibilities will involve teaching of Morphological Anatomy to undergraduate and postgraduate medical students and those in allied medical disciplines and science; teaching Biological Anthropology (Human Biology) to undergraduate science and health sciences students; administration of courses; supervision of postgraduate students; generation of research grants and publications; and participation in the activities of the School, Faculty of Health Sciences/Faculty of Science, and the University.

Qualifications and experience:

A PhD in an appropriate field is required. A proven track record in research and postgraduate supervision is essential. The successful candidate should have experience in teaching in a Health Sciences/Science context.

Remuneration:

Dependent on qualifications and experience. The package includes a provident fund, medical aid and bursaries for self and dependents subject to University regulations

To apply:

Please apply via i-Recruitment at <https://irec.wits.ac.za> before **31 December 2021**

Please submit a covering letter clearly indicating which post you are applying for, a detailed CV with names, addresses, contact numbers and e-mail addresses of 3 referees and certified copies of degrees via i- Recruitment <https://irec.wits.ac.za>.

Internal applicants are invited to apply directly on Oracle by following the path: iWits / Self Service Applications / "Apply for a job"

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Please note that correspondence will only be entered into with shortlisted candidates. The University reserves the right not to make an appointment or to re-advertise

University of Stellenbosch: Division of Clinical Anatomy



WE'VE GOT SOME MERCH FOR SALE!!!

Cups for sale - R 75,00

Mask for Sale - R 60,00

Pencil Case - R 30,00



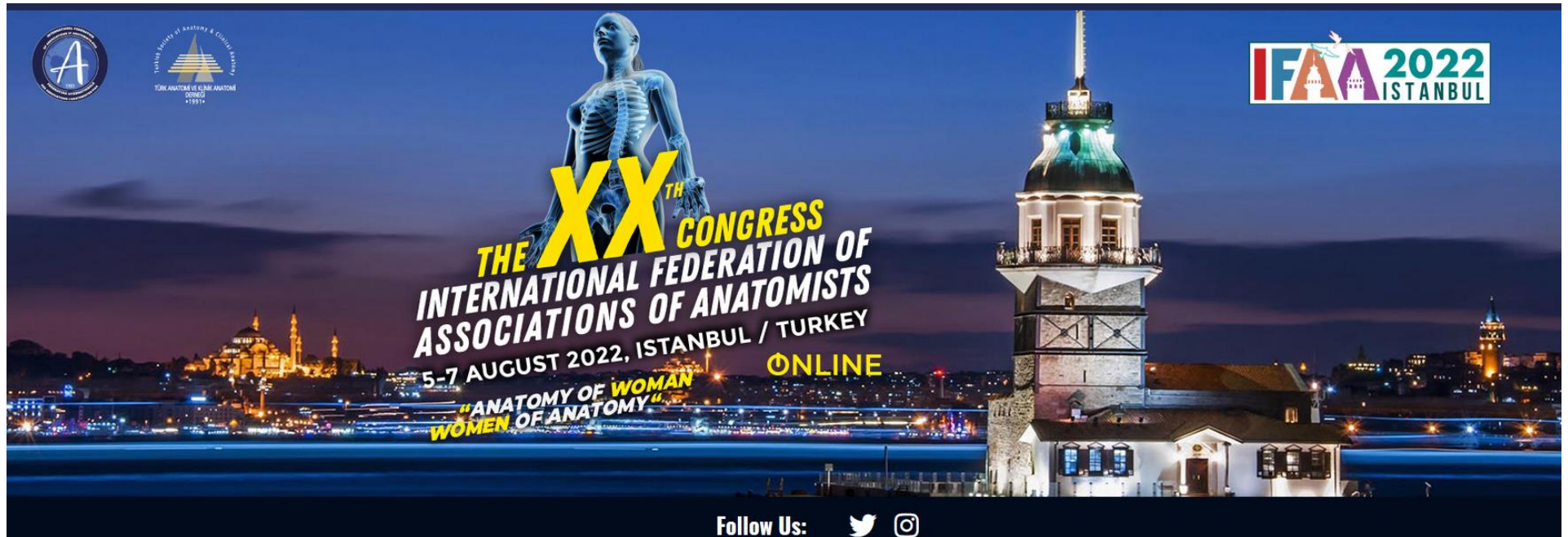
Contact: Ms. Bongwiwe Hlekiso to schedule a pick up appointment using the mentioned email: summlc@sun.ac.za with proof of payment attached.



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<http://ifaa2022.org/en/registration.html>

IFAA 2022 Registration Fees	Early Registration Fee September 1st, 2022 - April 22nd, 2022	Late Registration April 23rd - August 5th, 2022
Regular Attendee	200 €	250 €
Student *	100 €	150 €

* This includes undergraduate and graduate medical students and graduate anatomy students.



The 49th Annual Conference of the Anatomical Society of Southern Africa 2022



UNIVERSITY of the
WESTERN CAPE



FACULTY of
NATURAL SCIENCES

DEPARTMENT of MEDICAL BIOSCIENCES



This conference is proudly hosted by the Department of Medical Biosciences, which is part of the Faculty of Natural Sciences at the University of the Western Cape. The 2022 conference will “break the barriers” between research disciplines and embrace the alternatives through modern technology to take us into the next frontier of anatomical sciences.

Hold on to your seats – the ride is going to be epic!

More details are available at the ASSA conference website assa2022.uwc.ac.za

Abstracts need to be emailed to assa2022@uwc.ac.za before the deadline of **28 January 2022**.

The ASSA 2022 Local Organizing Committee invites authors to submit abstracts under one of the following **themes**:

Cell Biology and Histology, Clinical Anatomy, Medical Education & Anatomical Ethics, Physical / Forensic Anthropology and Transitional Medicine

The Host: Medical Biosciences Department, University of Western Cape



As a South African university, the University of the Western Cape is alert to its African and international context as it strives to be a place of quality, a place to grow, from hope to action through knowledge. The University of the Western Cape through its leadership has dedicated resources and staff at various departments to make this conference a successful and exciting event.

The Department of Medical Biosciences manages the “cutting-edge” Anatomy Facility which is home to the instruction of gross anatomy, embryology, histology and physiology teaching.

Invited Speakers

Prof Graham Louw, Prof Maryna Steyn, Prof Gregory Thabiso Lebona, Dr Rudolph Venter, Prof Daniel Margócsy, Dr Zandisiwe Magwebu, Dr Christina Kotze, Leonard Shapiro, Ania Botha, Dr Iain Keenan and Prof Sudesh Sivarasu

XXVIII International Symposium on Morphological Sciences (ISMS)

Vision 2023 & Beyond – Excellence in Research & Education



5-8 August 2023, Cape Town (South Africa)

Venue: Graduate School of Business, Victoria & Alfred Waterfront, Cape Town, Republic of South Africa

Hosted by the Anatomical Society of Southern Africa (ASSA)



Contact: Professor Graham Louw. Email: Graham.Louw@uct.ac.za

<https://www.symposiamorphologica.com/index.php/upcoming-symposia>

GREETINGS FROM THE EDITOR

The resilience and dedication of our anatomists has once again been a shining light through the various challenges of the COVID pandemic. This year marked the second year of what was once again a hugely successful ASSA World Anatomy Day Virtual Symposium. Congratulations to the organisers and most importantly congratulations to all the presenters!

Blended learning and flipped classroom approaches have been some of the hot topics circulating through many anatomy departments. The Federative International Program for Anatomy Education (FIPAE) has once again wet our appetites with a whole host of exciting opportunities to engage with the various facets on anatomy education within the online context. I encourage you to take full advantage of these enriching opportunities to engage with the anatomy education community. Don't miss out!

I also wanted to take the opportunity to once again highlight the artistic contributions of our budding anatomists! I hope you find inspiration in the contributions of these talented individuals. I also extend my thanks all news contributors, the news presented is the news provided and as such without your contributions we would not have this platform. I would once again like challenge everyone to embrace the spirit of World Anatomy Day and keep the news coming! Lastly I would like to wish all readers of this newsletter all the best for the festive season! May you take the time to enjoy the rest and recharge for 2022!

Best wishes



Erin Hutchinson