



ANZACA

AUSTRALIAN AND NEW ZEALAND
ASSOCIATION OF CLINICAL ANATOMISTS

IN THIS ISSUE

THE PRESIDENT'S REPORT	1
ANZACA CONFERENCE	4
H.D.R. EXPOSÉ	10
RECENT PUBLICATIONS	11
OPEN ACCESS WEBINARS	17
BOOK CLUB	18
UPCOMING CONFERENCES	19
HIRING	20
REQUIRING	21

The President's Report

by Quentin Fogg,
Associate Professor in
Clinical Anatomy,
The University of Melbourne



I opened our last newsletter with thoughts about how the uncertainty of COVID and the ever-present promise/hope for something more “normal”. Fast forward a few months and the only certainty is that we’re very much back in the thick of it. New South Wales and Victoria are in the midst of long lockdowns (version 6.0 for Melbourne!), all of New Zealand has been locked down and pretty much everyone has felt the pinch, again. It’s such a challenging time, so, more than ever, I urge you to reach out to your colleagues; and that can be to offer help, or to seek it. There is absolutely no shame in asking, and ANZACA is full of caring and supportive people.

Since the last newsletter, it has been pleasing to see so many ANZACA members on the international stage. Of note are the conferences of our equivalent associations in North America (AACA) and mainland Europe (EACA). The AACA meeting featured fantastic presentations from a number of our members, while the EACA meeting is about to start as I’m typing this! The programme looks great and I’m keeping a particular eye out for those ANZACA people making the (sadly) virtual

anzaca.org

*This newsletter has been compiled and
edited by*

DR AMANDA MEYER

*from the University of Western Australia.
If you have anything you'd like to contribute
to the newsletter, please email:
amanda.meyer@uwa.edu.au*



The President's Report continued

journey to Italy. Congratulations to everyone who has been able to present their work somewhere thus far in 2021. In this issue, you'll also find a list of recent publications by ANZACA members; it is long and full of some really fantastic work, so please give it a look. You'll also find links to some really interesting webinars provided by the American Association for Anatomy (AAA), which are also well worth a look. With no pretense of subtlety, that leads me to our 2021 conference. The team from LaTrobe have done some extraordinary work behind the scenes. Despite the disappointment of another virtual meeting, the sneak previews I've had have convinced me that this will be an online meeting like no other! Team LaTrobe, led by Aaron McDonald, have put together a truly immersive experience that will allow you to interact with colleagues old and new in ways well beyond the limitations of a straight-up zoom conference. I hope you're excited, because I am, and I hope you're getting your best work together to share with us. Details are included in this issue, and more will be coming very, very soon. Since we can't all be together, and subject to local restrictions, we'll be inviting people to host a meeting hub; this is simply a place (your Department, a local pub...) where attendees in your area can get together to experience a more face-to-face experience. Who remembers the amazing time everyone in Otago appeared to be having, whilst hosting, during the 2020 meeting? It certainly beat hanging out in my office. If you're interested, we'll be sending out some information soon.

Amongst all the doom and gloom with lockdowns and so many more people suffering beyond COVID, there is also plenty to celebrate. You may be hopefully planning for 2022 by looking at the list of conferences, or thinking a little sooner, with World Anatomy Day coming up on 15th October. World Anatomy Day is a great chance to connect with others around the world, and also to share your activities, impact and passion with others outside of anatomy. As much as it is a great day for us, it's a great opportunity to engage our broader communities; let them know you're there, let them know you're making a difference, and let them know that they can too! Looking further afield, a number of ANZACA members also work closely with the International Federation of Associations of Anatomists (IFAA). Amongst the wide range of work the IFAA does, it has established a number of "Federative International Programmes" to concentrate global efforts in areas of particular interest. Our own Professor Nalini Pather (UNSW) chairs the **Anatomical Education (FIPAE)** programme, with Dr Ali Mirjalili (Auckland) and Associate Professor Goran Strkalj (UNSW) part of the committee. Professor Helen Nicholson (Otago) chairs the **Supranational Anatomical Projects (FICSAP)** group, with Associate Professor Stephanie Woodley (Otago) as the Oceania representative. Professor Gareth Jones (Otago) and Dr Jon Cornwall (Otago) are members of the **Ethics and Medical Humanities** committee (**FICEM**). I am honoured to be the representative for Morphological Anatomy Research on the **Anatomical Research (FIPAR)** programme. I'm especially delighted that we have **three** representatives on the very important **Equality and Diversity in Anatomy (FICEDA)** group, with Dr Rhiannon Parker (Sydney), Dr Amanda Meyer (UWA), and Associate Professor Jenny Hayes (Melbourne). It is really fantastic that our small

association is so strongly represented on a global scale. Huge thanks to everyone who has put their hand up to be involved with these amazing initiatives. If you are not currently involved, but would like to, please reach out to those in your area of interest. Also stay tuned for IFAA events coming to you virtually. Last week I was grateful to be one of the invited speakers at the first FIPAR webinar. With the remit of FIPAR being to increase awareness of, and participation in, anatomical research, it was wonderful to see such informative and engaging talks from Professor Marko Konschake (Austria) and Professor Jose Vega Alvarez (Spain); I presented on the need for morphological research and why I think it is a particularly exciting time for this work. With only a limited window for advertising, we had a small but very engaged audience from all over the world, with plenty of great discussions on the night and ongoing. Keep an eye out for future IFAA webinars in the not-too-distant future.

Read on for an issue packed with useful information, to meet another HDR student with a great story, find opportunities to engage in the work of other members and beyond, and to be dazzled by the offerings of our superb sponsors. Innumerable thanks again to Dr Amanda Meyer (UWA) for all heavy lifting of putting this newsletter together. If you have ideas for content, please don't hesitate to get in touch!

As yet another strange year rolls on, I hope that you are finding ways to look after yourself and enjoy the good bits. I'm particularly thankful for the energy and enthusiasm of our wonderful Council members and the effort they continually put into making ANZACA tick. Please stay safe, think happy thoughts and start plotting your virtual course for ANZACA 2021; and maybe even some actual socialising at your local hub!

With best wishes,

Quentin



anzaca.org

#ANZACA2021 Virtual Conference



The 2021 ANZACA Conference Team (Dr Aaron McDonald, Dr Heath McGowan, Dr Laura Whitburn & Dr Jodi Sita) are working hard to bring a brand new virtual experience to our ANZACA members this year! The conference is being sponsored by 3D Organon, Elsevier, 4D Interactive Anatomy, Primal Pictures, Visible Body, Wolters Kluwer and McGraw Hill Education. Keynote presentations will be delivered by Professor Claudia Krebs (The University of British Columbia), Professor Darrell Evans (The University of Newcastle) and Dr Janet Davey (Monash University/ Victorian Institute of Forensic Medicine).

2021 Conference Early Bird Rates:

\$120 Full Members

\$150 Non-Members

\$70 Student Members

\$100 Non-Member Students

\$60/day for Day Passes

Early Bird rates end midnight AEST 28th November 2021, rates increase by 25% on 29th November 2021.

Abstracts are due soon and can be submitted [here](#).

<https://anzaca.org/conference/anzaca-2021-meeting/>

3D Organon



www.3dorganon.com

3D Organon is a multi-award-winning, medical anatomy platform, across Virtual Reality (VR), Mixed Reality (MR), Augmented Reality (AR), desktop, tablet, and mobile devices.

3D Organon proudly serves the global market. Its extensive knowledge-base of anatomical definitions is available in 16 languages: English, traditional and simplified Chinese, German, Italian, Spanish, Georgian, Polish, Portuguese, Latin (terminology), Russian, Ukrainian, French, Greek, Thai, and Dutch (2022 Edition).

3D Organon outstrips its competitors. Not only is it the first of its kind, but it is also the most advanced Extensive Reality (XR) anatomy platform. Our prime solution — 3D Organon VR Anatomy — is the world's first fully-featured VR and MR anatomy software.

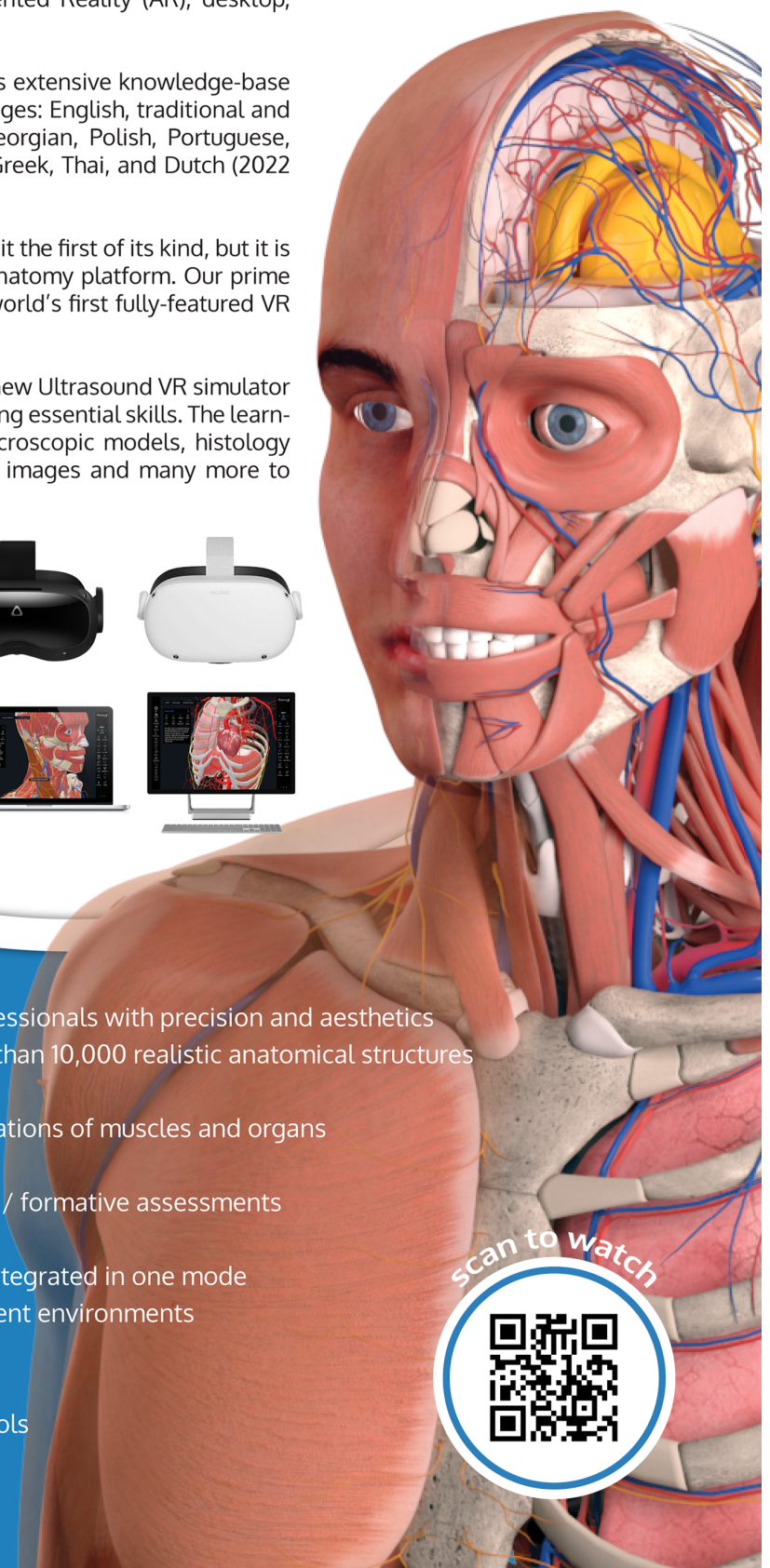
The 2022 3D Organon edition is coming soon! A new Ultrasound VR simulator will be available for assisting students in developing essential skills. The learning database keeps expanding with detailed microscopic models, histology slides, medical imaging, pathology, embryology images and many more to complete your knowledge in medical anatomy.



Main Features

- Anatomy models designed by medical professionals with precision and aesthetics
- Explore 15 human body systems with more than 10,000 realistic anatomical structures
- Explore 18 microscopic anatomy models
- Human actions module with over 550 animations of muscles and organs
- Multi-user cross-platform module
- Hundreds of interactive, USMLE style cases / formative assessments
- Hundreds of cadaveric images
- Walking and standing/seated experience integrated in one mode
- Mixed Reality mode/Switch among 4 different environments
- Vertical and horizontal rotation
- 360° videos recording
- Bony landmarks, sectioning & pathology tools
- 3D Painting
- Available in 16 languages

scan to watch



Teach with the world's most advanced 3D anatomy platform

Complete
Anatomy



In association with
GRAY'S

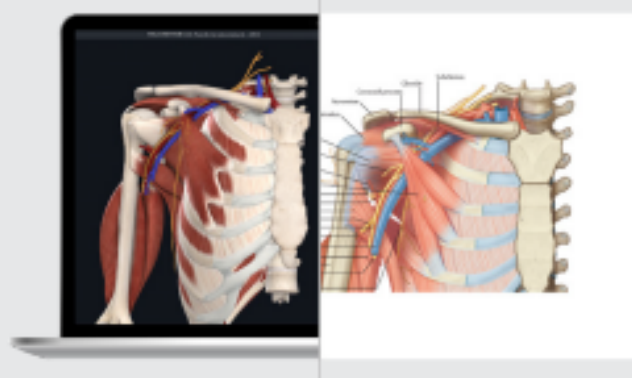
Two iconic anatomy brands. A unique collaboration.

The world's most advanced 3D anatomy platform meets 160 years of trusted medical knowledge – Complete Anatomy is working with the Gray's Anatomy family of products to make teaching resources more aligned.

700 updated atlas views. All of them familiar.

Our new improved Atlas with over 700 preset 3D screens inspired by Gray's Anatomy is crafted, curated and sorted to follow teaching pathways for your students, from familiar starting points.

Inspired by Gray's Anatomy



Powered by Gray's Anatomy



Virtual dissection. The course that prepares your students for the lab.

Our guided dissection course of the full abdomen, powered by Gray's Anatomy, combines detailed models and dissection videos to provide a clear and systematic ready to use resource. Continue teaching dissection when labs are closed.

Bring Complete Anatomy to your institution



Want to see how it works?
Register for a free trial

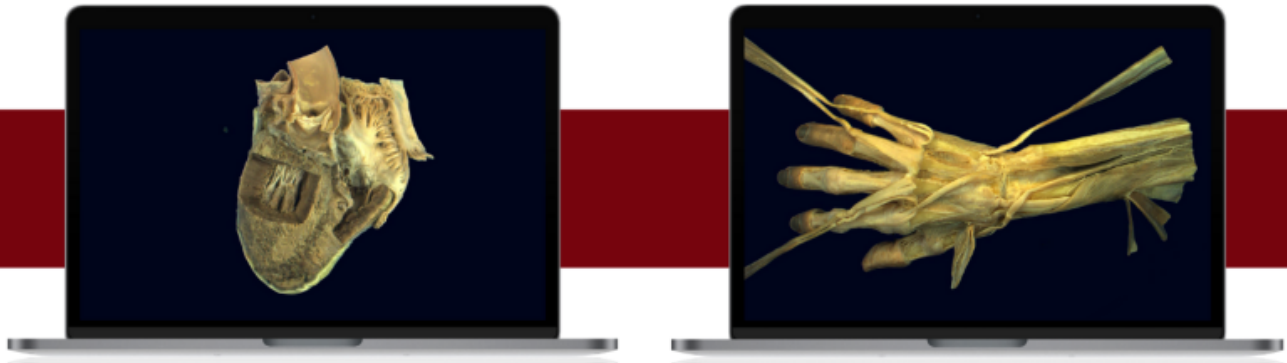


Register Now

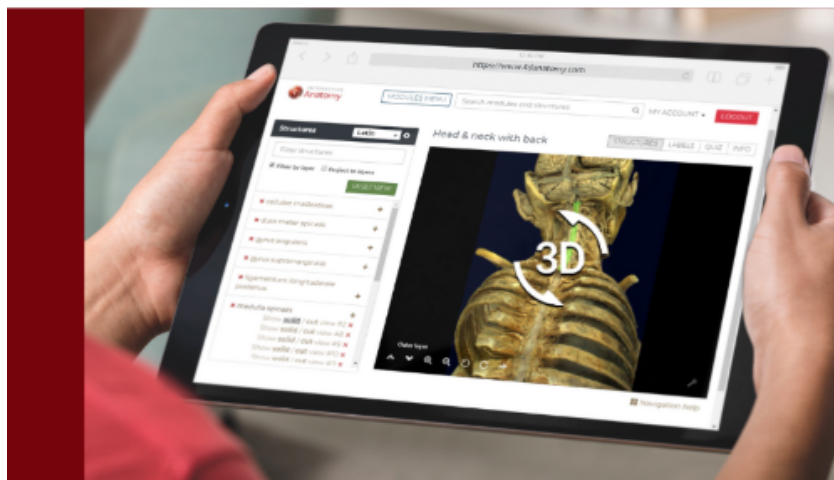




DISSECT REAL SPECIMENS WITHOUT A CADAVER LAB



**ACCESS FROM BROWSER - TILT - ROTATE - ZOOM
DISSECT LAYER BY LAYER - IDENTIFY STRUCTURES**



OVER 2,000 ANATOMICAL
STRUCTURES
OVER 2,000 QUIZ
QUESTIONS
24 DISSECTION MODULES
22 BONES MODULES

**VISIT OUR BOOTH DURING THE ANZACA ANNUAL
CONFERENCE DECEMBER 1 - 3**



**Or contact us anytime for a live demo at:
info@4danatomy.com**

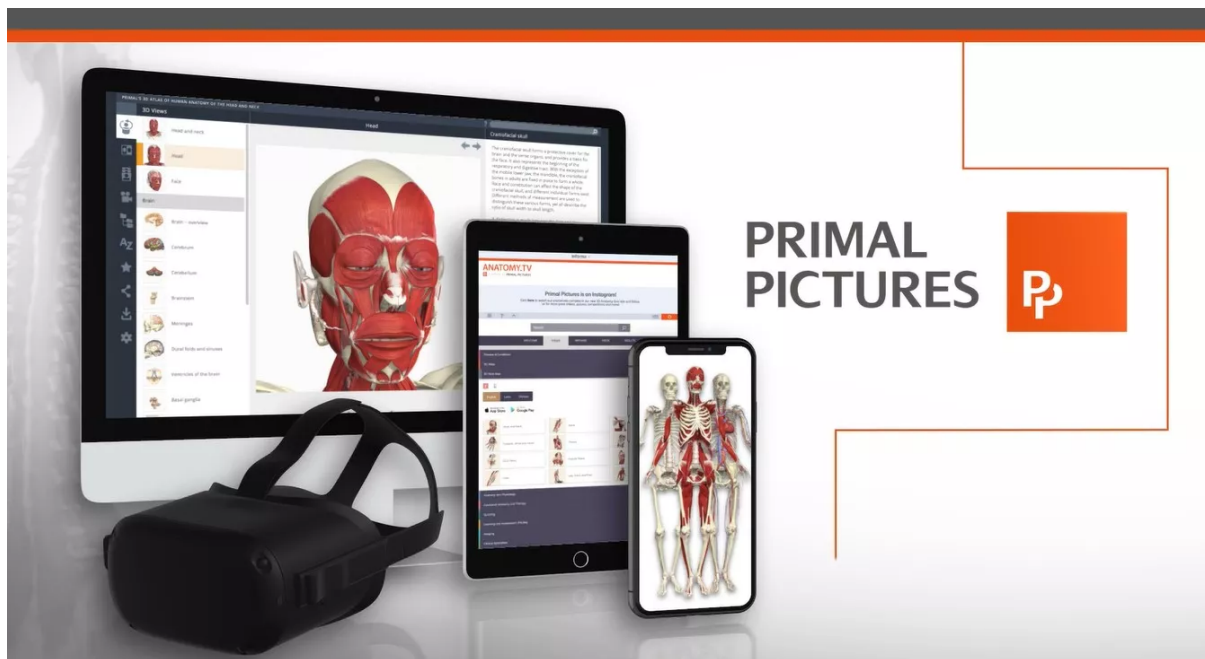
PRIMAL PICTURES

POWERING **ANATOMY.TV**

Empower confidence through evidence-based accuracy

Depend on the anatomy solution trusted by millions worldwide

Depend on the world's most detailed, accurate and evidence-based 3D reconstruction of human anatomy. Primal's experts produced our model using real scan and imaging data. Advanced academic research and hundreds of thousands of development hours underpin its creation, exhaustively peer reviewed so you can use our solutions with confidence.



GET TO KNOW PRIMAL PICTURES NEXT GENERATION ANATOMY SOLUTIONS





Talk to a
Wolters Kluwer
Representative today!

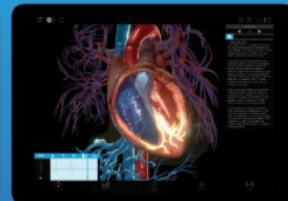
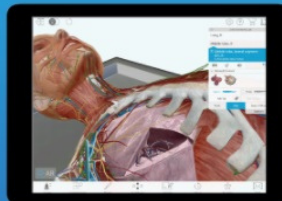
Key Anatomy Resources

- Visible Body® on Ovid®
- Aclands Video Atlas of Human Anatomy
- Grant's Atlas of Anatomy and Dissector
- Moore's Clinically Oriented Anatomy
- Coursepoint

ovid.com
shop.lww.com

VISIBLE BODY®

Visually engaging 3D + AR
human anatomy, physiology
and biology content that's
increasing grades and
saving professors time.



To read professor testimonials
and request a free trial, visit:

visiblebody.com

VDD
VIRTUAL DISSECTION DATABASE

Welcome!

[Home](#)

- Abdomen
- Head and Neck
- Lower Limb
- Pelvis and Perineum
- Thorax
- Upper Limb

VDD

The Virtual Dissection Database provides faculty access to digital resources to assist in teaching gross anatomy and share multimedia content with colleagues in a secure environment.

"We graciously thank the individuals who have donated their bodies to education. Your gift has allowed us to see the inner beauty of the human body, taught us the course of disease, and the fragility of life. The knowledge we have gained and the lives you have touched is immeasurable. We are forever grateful and humbled by your gift."

H.D.R. EXPOSÉ

Introducing Kajaal



My name is Kajaal Prasad and I am a first year PhD candidate at Western Sydney University. Previously, I have completed a Bachelor's in Medical Science (Anatomy & Physiology), followed by a Master's in Research at Western Sydney University. Presently, I am also an anatomy demonstrator and supervisor, teaching a range of anatomy topics since 2017. My teaching experiences fuelled my passions and interest in anatomy education, making my goal to assist anatomy students in their learning by investigating anatomy resources that can be beneficial and promote transference of knowledge into clinical practice. Thus, my PhD project supervised by primary supervisor Dr. Manisha Dayal and co-supervisor Dr. Liz Thyer primarily focuses on threshold concepts and teaching methods in foot anatomy.

Sound anatomical knowledge is critical in providing safe and effective clinical practice. Currently, students have difficulty understanding troublesome anatomical concepts, making application of these concepts in clinical practice challenging. Innovative teaching methods, such as 3D printed anatomy models, supplement and enhance students learning, promoting deep learning. To address areas of complex anatomy, such as the anatomy of the foot, my project aims to develop a functional 3D foot model based on threshold concepts which enhances students' learning and transference of knowledge and skills into the clinical environment. Thus, promoting prevention, early detection and treatment of foot related pathologies; leading to a more mobile active population.

In addition to my PhD project and anatomy teaching, I am a Dissection Technician at Westmead Hospital Anatomical Pathology. This role involves providing gross macroscopic examination and description of anatomical specimens to assist in diagnosis and treatment planning of patients. Being exposed to a range of anatomical specimens affected by pathology really highlights the importance of anatomical knowledge and correct specimen orientation to me. This is why my PhD project is really important to me, aiming to provide an educational resource that can be applied to other classes other than anatomy, help anatomy students learn to their fullest potential and gain a depth of knowledge that can be used to change people's lives. This change all begins with deep anatomy knowledge and good clinical skills that can be transferred from the classroom to the real world.

RECENT PUBLICATIONS

Click on the title to take you to the full text page.



RESEARCH REPORT

Musculoskeletal Anatomy Knowledge in Australian Chiropractors

Rosemary Giuriato ✉, Goran Štrkalj, Tania Prvan, Anneliese Hulme, Nalini Pather

First published: 04 July 2021 | <https://doi.org/10.1002/ase.2117>



VIEWPOINT COMMENTARY

NOMENs Land: The Place of Eponyms in the Anatomy Classroom

Margaret A. McNulty, Rebecca L. Wisner, Amanda J. Meyer ✉

First published: 18 June 2021 | <https://doi.org/10.1002/ase.2108>

Original Research | Published: 17 August 2021

Novel and Innovative Approaches to Teaching Human Anatomy Classes in an Online Environment During a Pandemic

[Claudia M. Diaz](#) ✉, [Kelly Linden](#) & [Veli Solyali](#)

[Medical Science Educator](#) (2021) | [Cite this article](#)

[Arch Rehabil Res Clin Transl](#), 2021 Jun; 3(2): 100124.

Published online 2021 Mar 27. doi: [10.1016/j.arct.2021.100124](https://doi.org/10.1016/j.arct.2021.100124)

PMCID: PMC8211997

PMID: [34179760](https://pubmed.ncbi.nlm.nih.gov/34179760/)

Associations Between Measures of Physical Activity and Muscle Size and Strength: A Systematic Review

[Zachary P. Rostron](#), MExPhys,^{a,*} [Rodney A. Green](#), PhD,^a [Michael Kingsley](#), PGCE, PhD,^{b,c} and [Anita Zacharias](#), PhD^a



medical education

REALLY GOOD STUFF: Lessons learned through innovation in medical education

Interprofessional education for pre-clinical medicine, paramedicine and pharmacy students

Bonnie J. Bereznicki ✉, Vanni Caruso, Judi A. Errey, Leigh Parker, Jonathon Sward, Anne-Marie M. Williams

First published: 16 March 2021 | <https://doi.org/10.1111/medu.14511>

RECENT PUBLICATIONS

➤ [J Allied Health](#). Spring 2021;50(1):61-66.

Adding to the Allied Health Student Experience: Motivators, Deterrents, and How to Get More from Peer Teaching

Nicola Massy-Westropp ¹, Anthony Snow, Harsha Wechalekar, Katja Siefken, Arjun Burlakoti

➤ [J Bone Miner Res](#). 2021 May 25. doi: 10.1002/jbmr.4334. Online ahead of print.

A Comparison of Bone-Targeted Exercise With and Without Antiresorptive Bone Medication to Reduce Indices of Fracture Risk in Postmenopausal Women With Low Bone Mass: The MEDEX-OP Randomized Controlled Trial

Melanie Kistler-Fischbacher ^{1 2}, Jedidah S Yong ^{1 2}, Benjamin K Weeks ^{1 2}, Belinda R Beck ^{1 2 3}

➤ [Transpl Int](#). 2021 Aug;34(8):1517-1529. doi: 10.1111/tri.13934. Epub 2021 Jul 4.

Kidney transplant recipient perspectives on telehealth during the COVID-19 pandemic

Brooke M Huuskes ¹, Nicole Scholes-Robertson ^{2 3}, Chandana Guha ^{2 3}, Amanda Baumgart ^{2 3}, Germaine Wong ^{2 3 4}, John Kanellis ^{5 6}, Steve Chadban ⁷, Katherine A Barraclough ⁸, Andrea K Vieceilli ⁸, Carmel M Hawley ^{8 9}, Peter G Kerr ^{5 6}, Patrick Toby Coates ^{10 11}, Noa Amir ^{2 3}, Allison Tong ^{2 3}

➤ [J Forensic Sci](#). 2021 Aug 17. doi: 10.1111/1556-4029.14863. Online ahead of print.

Infra-cranial radiographic comparison for human identification: A study of analyst expertise

Te Wai Pounamu T Hona ¹, Chelsea Olditch ¹, John E Byrd ², Carl N Stephan ¹

Affiliations + expand

PMID: 34403144 DOI: [10.1111/1556-4029.14863](#)

RECENT PUBLICATIONS

> PLoS One. 2021 May 25;16(5):e0251634. doi: 10.1371/journal.pone.0251634. eCollection 2021.

Adjusting to university: Perceptions of first-year health professions students

Bunmi S Malau-Aduli ¹, Mary D Adu ¹, Faith Alele ¹, Karina Jones ¹, Aaron Drovandi ¹, Martina Mylrea ¹, Kornelija Sfera ¹, Simone Ross ¹, Ernest Jennings ¹

> Biomolecules. 2021 Jul 20;11(7):1061. doi: 10.3390/biom11071061.

Screening for Fatal Traumatic Brain Injuries in Cerebrospinal Fluid Using Blood-Validated CK and CK-MB Immunoassays

Johann Zwirner ^{1 2 3}, Sven Anders ², Simone Bohnert ⁴, Ralph Burkhardt ⁵, Ugo Da Broi ⁶, Niels Hammer ^{7 8 9}, Dirk Pohlers ¹⁰, Rexson Tse ¹¹, Benjamin Ondruschka ²

> ANZ J Surg. 2021 Jan;91(1-2):199-200. doi: 10.1111/ans.16070. Epub 2020 Jun 12.

'Ooosh' haematuria syndrome from eroded and kinked vascular graft in the bladder


Kalli Spencer ^{1 2}, Lawrence Hyun Kim ^{1 2 3}, Thomas Daly ⁴, Howard Lau ^{1 2 5}

**Anatomical Sciences
Education**



Research Report

Examining the Short-, Medium-, and Long-Term Success of an Embodied Learning Activity in the Study of Hand Anatomy for Clinical Application

Lillian Smyth, James Carter, Krisztina Valter, Alexandra L. Webb 

First published: 09 June 2020 | <https://doi.org/10.1002/ase.1987>

> Pain Med. 2021 May 21;22(5):1023-1028. doi: 10.1093/pm/pnaa380.

Looking for Meaning in Labour Pain: Are Current Pain Measurement Tools Adequate?

Laura Yvette Whitburn ¹, Lester Edmund Jones ^{1 2}

RECENT PUBLICATIONS

➤ *J Surg Educ.* Mar-Apr 2021;78(2):492-501. doi: 10.1016/j.jsurg.2020.07.041. Epub 2020 Sep 18.

Anatomy by Whole Body Dissection as an Elective: Student Outcomes

Nguyen Huynh ¹, Annette Burgess ², Lindsay Wing ³, Craig Mellis ⁴

➤ *Eur J Clin Nutr.* 2021 Jul 23. doi: 10.1038/s41430-021-00962-x. Online ahead of print.

Attenuation of chronic tension headache frequency and severity with daily L-arginine and aged garlic extract dietary supplementation

Devahuti Chaliha ^{1 2}, Mauro Vaccarezza ^{1 3}, Virginie Lam ^{1 2}, Ryusuke Takechi ^{1 2}, John C Mamo ^{4 5}

Editorial ➤ *Front Cell Neurosci.* 2021 May 20;15:695424. doi: 10.3389/fncel.2021.695424. eCollection 2021.

Editorial: Propriospinal Neurons: Essential Elements in Locomotion, Autonomic Function and Plasticity After Spinal Cord Injury and Disease

Kristine C Cowley ^{1 2}, Michael A Lane ^{3 4}, Claire F Meehan ⁵, Michelle M Rank ⁶, Katinka Stecina ^{1 2}

➤ *Adv Exp Med Biol.* 2021;1317:75-110. doi: 10.1007/978-3-030-61125-5_5.

Instructional Design of Virtual Learning Resources for Anatomy Education

Nicolette S Birbara ¹, Nalini Pather ²

Affiliations + expand

PMID: 33945133 DOI: 10.1007/978-3-030-61125-5_5

➤ *Indian J Nephrol.* May-Jun 2021;31(3):240-244. doi: 10.4103/ijn.IJN_353_19. Epub 2021 Apr 2.

Prevalence of Clinically Significant anti-HLA Antibodies in Renal Transplant Patients: Single-center Report from North India

Rajni Chauhan ¹, Aseem Kumar Tiwari ², Chhavi Rajvanshi ², Simmi Mehra ², Abhishek Saini ², Geet Aggarwal ², Shyam Bihari Bansal ³, Vijay Kher ³, Shoma Paul Nandi ¹

RECENT PUBLICATIONS

➤ J Neurol Sci. 2021 Sep 15;428:117613. doi: 10.1016/j.jns.2021.117613. Epub 2021 Aug 11.

Adherence to evidence-based processes of care reduces one-year mortality after aneurysmal subarachnoid hemorrhage (aSAH)

Sabah Rehman¹, Ronil V Chandra², Leon T Lai³, Hamed Asadi⁴, Arvind Dubey⁵, Jens Froelich⁶, Nova Thani⁵, Linda Nichols⁷, Leigh Blizzard¹, Karen Smith⁸, Amanda G Thrift⁹, Christine Stirling⁷, Michele Callisaya¹⁰, Monique Breslin¹, Mathew J Reeves¹¹, Seana Gall¹²

➤ Ann Med. 2021 Dec;53(1):1256-1264. doi: 10.1080/07853890.2021.1956685.

Fatty liver index predicts incident risk of prediabetes, type 2 diabetes and non-alcoholic fatty liver disease (NAFLD)

Daniel J Cuthbertson¹, Juha Koskinen^{2 3}, Emily Brown¹, Costan G Magnussen^{2 4}, Nina Hutri-Kähönen⁵, Matthew Sabin⁶, Päivi Tossavainen⁷, Eero Jokinen⁸, Tomi Laitinen⁹, Jorma Viikari^{10 11}, Olli T Raitakari², Markus Juonala^{10 11}

Review ➤ Int Urogynecol J. 2021 Jul;32(7):1977-1988. doi: 10.1007/s00192-021-04804-z.

Epub 2021 May 5.

Narrative review of pelvic floor muscle training for childbearing women—why, when, what, and how

Stephanie J Woodley¹, E Jean C Hay-Smith²

➤ Am J Kidney Dis. 2021 Aug 5;S0272-6386(21)00771-X. doi: 10.1053/j.ajkd.2021.07.003.

Online ahead of print.

Incidence and Outcomes of COVID-19 in People With CKD: A Systematic Review and Meta-analysis

Edmund Ym Chung¹, Suetonia C Palmer², Patrizia Natale³, Anoushka Krishnan⁴, Tess E Cooper⁵, Valeria M Saglimbene⁶, Marinella Ruospo³, Eric Au⁷, Sumedh Jayanti⁸, Amy Liang⁹, Danny Jia Jie Deng⁹, Juanita Chui⁹, Gail Y Higgins¹⁰, Allison Tong¹¹, Germaine Wong¹², Armando Teixeira-Pinto¹¹, Elisabeth M Hodson¹⁰, Jonathan C Craig¹³, Giovanni Fm Strippoli³

➤ Am J Phys Anthropol. 2021 Feb;174(2):375-383. doi: 10.1002/ajpa.24120. Epub 2020 Aug 10.

A functional analysis of Carabelli trait in Australian aboriginal dentition

Sarah Fung¹, Jinyoung Lee¹, Robin Yong², Sarbin Ranjitkar², John Kaidonis², Varsha Pilbrow³, Olga Panagiotopoulou¹, Luca Fiorenza^{1 4}

RECENT PUBLICATIONS

Review > BMC Health Serv Res. 2021 Jul 15;21(1):695. doi: 10.1186/s12913-021-06720-w.

Barriers and facilitators experienced by osteopaths in implementing a biopsychosocial (BPS) framework of care when managing people with musculoskeletal pain – a mixed methods systematic review

Kesava Kovanur Sampath^{1 2 3}, Ben Darlow⁴, Steve Tumilty⁵, Warwick Shillito⁶, Melissa Hanses⁷, Hemakumar Devan⁸, Oliver P Thomson⁹

> ANZ J Surg. 2021 May;91(5):832-836. doi: 10.1111/ans.16680. Epub 2021 Mar 18.

Surgical applied anatomy: alive and kicking

Edward Farley¹, Jake Hindmarch², Norman Eizenberg², Mark Midwinter¹

> Sci Rep. 2021 Mar 11;11(1):5677. doi: 10.1038/s41598-021-83978-4.

Forager and farmer evolutionary adaptations to malaria evidenced by 7000 years of thalassemia in Southeast Asia

Melandri Vlok¹, Hallie R Buckley², Justyna J Miskiewicz³, Meg M Walker³, Kate Domett⁴, Anna Willis⁵, Hiep H Trinh⁶, Tran T Minh⁶, Mai Huong T Nguyen⁶, Lan Cuong Nguyen⁶, Hirofumi Matsumura⁷, Tianyi Wang⁸, Huu T Nghia⁶, Marc F Oxenham⁹

TOXICOLOGY AND FORENSIC MEDICINE

OpenJournal

Openventio
PUBLISHERS

Case Report

Autonomic Dysreflexia: Atypical Complication from Immediate Release Tapentadol

Claudia Diaz, BSc, PhD¹; Veli Solyali, BChiroSc, MChiro, PGCertResearchPrep, BForensicSc/BCriminology (Student)²

Medical Science Educator

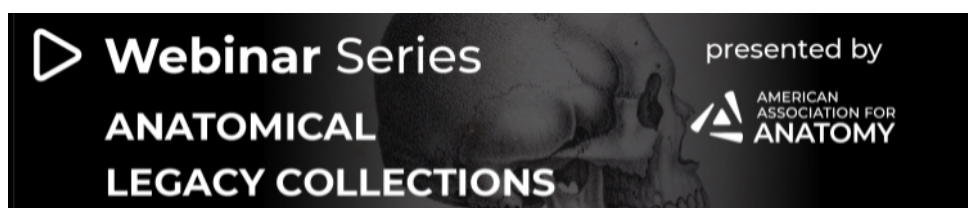
<https://doi.org/10.1007/s40670-021-01376-x>

ORIGINAL RESEARCH

“Learning by Doing”: a Mixed-Methods Study to Identify Why Body Painting Can Be a Powerful Approach for Teaching Surface Anatomy to Health Science Students

Claudia M. Diaz¹  · Torres Woolley²

OPEN ACCESS WEBINARS



Open Access Webinars

[ROUNDTABLE DISCUSSION OF SPECIFIC ETHICAL CASE STUDIES](#)

August 12, 2021

In this session, speakers from the first two "Anatomical Legacy Collections" sessions returned to answer questions and discuss topics with attendees. Several case studies were also presented for discussion along with interactive poll questions. To allow participants to speak candidly, this event was not recorded, however you can access a detailed writeup of the discussion, slides, and case studies from the event.

[ANATOMICAL LEGACY COLLECTIONS: ETHICAL CONCERNS ABOUT DISPOSITION OF COLLECTIONS WITH UNKNOWN ORIGINS](#)

July 29, 2021

Speakers: Sabine Hildebrandt, Boston Children's Hospital; Jason "Jay" Mussell, LSUHSC School of Medicine; Andreas Winkelmann, Institute of Anatomy Medical School Brandenburg

Presenters will describe a spectrum of options for storage, use and disposition of legacy anatomical collections from continued ethical use to repatriation to mass burial. Perspectives will include museum and teaching collections. An emphasis will be placed on the ethical use, storage and disposition of unprovenanced remains.

[ANATOMICAL LEGACY COLLECTIONS: ETHICAL CONCERNS ABOUT THE ORIGINS OF LEGACY ANATOMICAL COLLECTIONS](#)

July 15, 2021

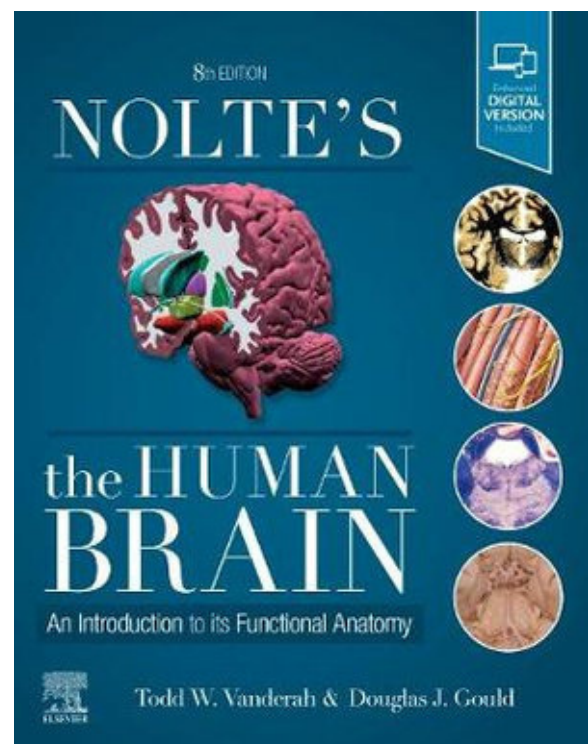
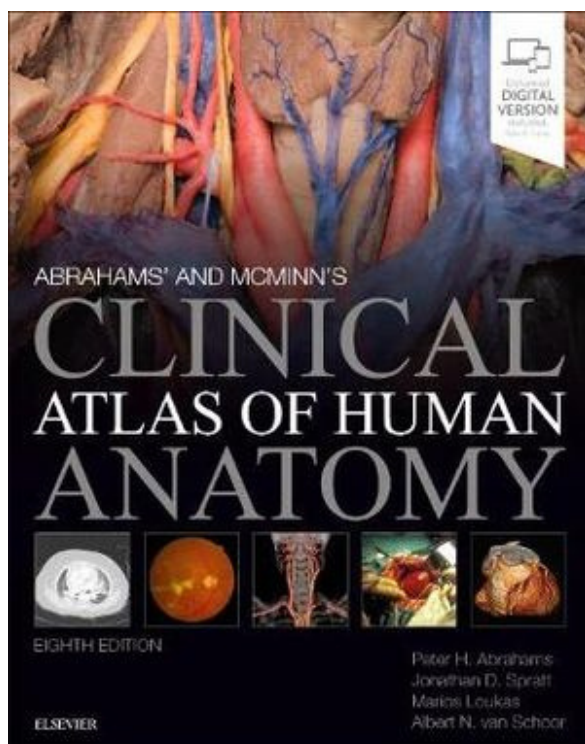
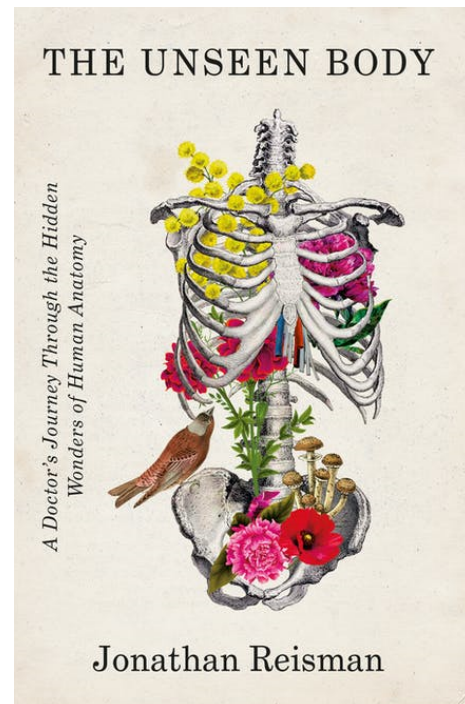
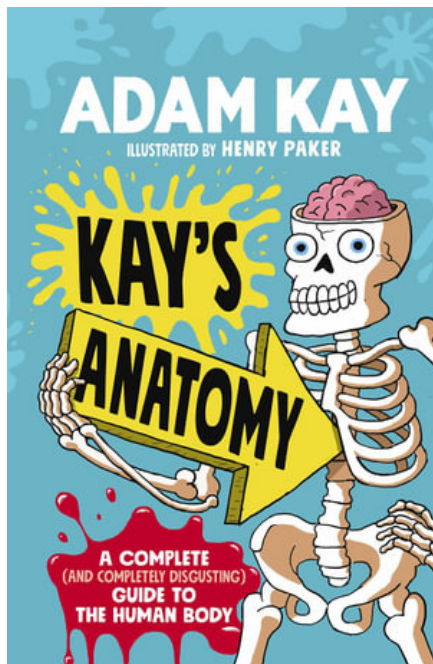
Speakers: Carlina da la Cova, University of South Carolina; Beverley Kramer, University of the Witwatersrand; Dominic Hall, Warren Anatomical Museum

Presenters will describe the issue of legacy collections and the need to inventory and report on human remains in their care (ethical stewardship, duty of care). Perspectives will include anatomical museum and teaching collections, known and unprovenanced remains, effects of colonialism, slavery, and marginalized populations. An emphasis will be placed on inventory and understanding the source of remains.

BOOK CLUB

Read a book that you enjoyed so much you'd recommend it to all your anatomist friends?

Send your recommendations to amanda.meyer@uwa.edu.au.



UPCOMING CONFERENCES

16th December 2021

British Association of Clinical Anatomists

5th Beat: "Looking into the future" - The use of artificial intelligence and virtual learning in clinical practice and anatomical education will be discussed.

January 2022

Anatomical Society

Dublin, Ireland

28-30th January 2022

Anatomical Society of India

Virtual conference

2nd-5th April 2022

American Association for Anatomy

Philadelphia, USA

25-29th May 2022

Human Anatomy & Physiology Society

Fort Lauderdale, USA

4-7th June 2022

International Association of Medical Science Educators

Denver, USA

13-17th June 2022

American Association of Clinical Anatomists

Fort Worth, USA

5-7th August 2022

International Federation of Associations of Anatomists

Istanbul, Turkey

HIRING

Anatomy demonstrators

Are you a junior doctor looking for professional teaching opportunities?

We are looking for anatomy demonstrators to complement our teaching team. Improve your anatomy knowledge, surgical skills and gain valuable teaching experience that can help you stand out when applying for surgical education and training programs. These sessional positions give you the opportunity to teach clinical anatomy in our brand new anatomy facility, located at Monash's Clayton campus.

Our demonstrators play an important role in improving our students' experience and outcomes, and you'll be helping train the next generation of doctors, biomedical scientists and allied health professionals. Teaching takes place during typical working hours, and you can choose to teach in one semester or across both.

We have a robust training program that supports your growth and teaching skills. In addition to teaching, you will gain access to [research opportunities](#) across a range of areas within our Centre.



OCTOBER 15TH WORLD ANATOMY DAY

Celebrating the discipline of anatomy & making local communities aware of its important role in the training of health sciences professionals



Andreas Vesalius
31/12/1514 – 15/10/1564

REQUIRING

Is female genital anatomy taught to medical students?

Calling all anatomists involved in medical anatomy programs.

I am writing to you as a fellow anatomist with a focus on teaching medical students. I have recently commenced a full-time PhD. The goal of my PhD project is to better understand the teaching of morphological variation, using female genital anatomy as a focus, to Australian medical students.

This research project has been approved by the Human Research Ethics Committee of The University of Melbourne. Ethics ID number 2057799.1

If you are interested in learning more about this project, or are interested in participating, please email me, Assoc Prof Jenny Hayes, at j.hayes@unimelb.edu.au.

My name is Jackie Dent and I'm a journalist based in Sydney currently writing a book about whole body donation and contemporary anatomy. In some ways it's random that I came to this topic but in many ways it feels fated. It began Christmastime in 2017, when my parents and I were at the neighbours' having a glass of champagne. We asked what everybody had been up to during the year, and one of the young women of the household turned and said something along the lines of, "Oh, Jackie, you're a journalist, you'll find this interesting." It turned out she was working at a facility where surgeons were practising on body parts. She was enjoying her work and casually remarked that all the parts were coming from the US. **"Why? Have people stopped donating?!"**

I was instantly curious as body donation has always been a thing in our family as my paternal grandparents had both donated their bodies to the University of Queensland. Since I was a child, I'd always been fascinated by what had happened to them. My curiosity was probably egged along by my mother Elizabeth who is a nurse and had always been comfortable discussing death. I also grew up in the Philippines, a country where open coffin funerals, dead bodies on the nightly news and re-enactments of crucifixions as part of Catholic celebrations made me comfortable with the dead.

After that fateful day I began thinking about my grandparents again. **Why had they donated? Why do people donate?** I felt a bit sad that people weren't donating — had Australians lost their sense of altruism? And what was with using just body parts? I began researching whole body donation and feel so lucky now that the first anatomist I spoke to was Goran Strkalj. My hand hurt from clutching the phone so tightly as we spoke — it was all so interesting! He was at Macquarie University at the time and explained that they didn't have body donation shortages. He remarked that the 2019 International Association of Federated Anatomists conference was coming up in London, and by chance, I was going to be in the city at the same time. I went and met anatomists from all over the world, sat in all sorts of talks and checked out the merchandise.

Back in Sydney, Goran introduced me to the good-humoured Professor Nalini Pather at UNSW, who told me about her life as a young anatomist in South Africa, where many of the bodies she worked on were unclaimed black men. She also talked about all the eclectic research going on, the challenges in the field, and how she finds the thorax and the heart beautiful. She opened yet another door to anatomy.

I'm now writing a book, which is to be published by Ultimo Press. I've spoken to anatomists, museum curators, historians, doctors, surgeons, anatomical artists, forensic scientists and many other generous and amusing characters from all over the world who have slowly built a very different portrait of anatomy — one that is much more complex than the usual body snatching tale that the public hears.

I'm still researching so if there are any anatomists interested in chatting to me about their worlds, please get in touch at jackiedent@fastmail.fm. **I'm particularly keen to speak to anatomists and technicians about their life in the 60s, 70s and 80s.** While the book is about me finding out what may have happened to my grandparents, it has come to be about so much more.