



# BACA NEWSLETTER

**July 2021**



British Association of  
Clinical Anatomists

A newsletter produced by the British Association of Clinical Anatomists (BACA) communication group.

## In this issue:

Page 2

### **BACA's Welcome**

Page 6

### **Clinical Anatomy**

Dr Neil Ashwood shares some reflections on Injury Predisposition

Page 2

### **Meeting Secretary's Report**

Dr Choudhury tells us about BACA events in the past three months

Pages 8-9

### **Humans of Anatomy**

An interview with founders of Technical Healing Podcast: William Boardman, Charlotte Jones, Teaching Technicians and Charlie Tanner, Senior Teaching Technician at the School of Anatomy, University of Bristol

Page 3

### **Anatomical Education Corner**

Dr Hamilton provides us with a great book review

Pages 12-13

### **History Corner**

Dr Dangerfield writes about Marcello Malpighi (1628 -1694); an anatomist and founder of histology





## WELCOME

**Dr Cecilia Brassett**  
**BACA Membership Secretary**

Welcome to our third newsletter! In the UK, a gloomy winter has transformed into a glorious summer and, with the gradual easing

of lockdown restrictions, we can resume some semblance of normal human interaction, which is great! A big thank you to all who have supported our online meetings so enthusiastically, and it has been inspiring to hear how you have adapted your teaching programmes so well in difficult circumstances.

We have been pleased to welcome over 20 new members to the BACA family this year despite not being able to hold our usual conferences. Having an online form on our new website has made the application process much easier, and we look

forward to being able to meet you all in person soon. In addition to access to Clinical Anatomy and online BACA resources, membership brings other benefits such as eligibility for prizes and awards, entry to competitions and applications for research scholarships. Most of all, we can enjoy being part of a friendly network of clinical anatomists who face similar challenges.

This issue is packed with useful information, including a book review, a helpful description of papers received by Clinical Anatomy and an article on seasonal injuries! Take care and keep safe!

Best wishes,

Dr Cecilia Brassett  
BACA Membership Secretary

## MEETING SECRETARY'S REPORT

**Dr Bipasha Choudhury**

The successful BACA Beats series continues to bring the clinical anatomy community together. In April, Beat 2 started off with a showcase of BACA and the work undertaken by Council to further the Association's mission statement 'to advance, for the public benefit, study and research into clinical anatomy and the disciplines relating thereto and to publish the results of such research and to promote and improve, for the public benefit, the science and practice of clinical anatomy.' Oral presentations followed focussing on regional anatomy and anatomical education.

The Conrad Lewin Prize for the best presentation in that category was presented to Owen Thornton for his talk on 'A cadaveric study of cutaneous perforator anatomy of the free fibula osteocutaneous flap with consideration of

relevance to clinical application.' The President's prize was awarded to Danny

Lamdin for his paper on 'An osteological study investigating the correlation of the apex of the femoral bow and the length of the femur.' Congratulations to everyone who presented papers, and special congratulations to the prize winners.

Beat 3 took place in early July and over 80 delegates registered for the event. Our speakers gave insightful and interesting talks on 'Anatomical advances in vascular surgery', 'Using non-invasive vagus nerve stimulation to improve gait and cognitive control in Parkinson's disease: a neuroanatomical perspective' and 'Clinical Anatomy & the background to the foundation of BACA'

Feedback from you on the BACA Beats series continues to be positive with indications that more talks on anatomy education, innovations in teaching and use of augmented reality in teaching would be welcomed.

See you at the next Beat, September 8th, 2pm!



## ANATOMICAL EDUCATION CORNER

**Book Review: Anatomy for the FRCA**  
**James Bowness and Alasdair Taylor,**  
**Cambridge University Press.**

**Dr Duncan L Hamilton**



A knowledge of anatomy has always been of critical importance in the practice of anaesthesia, critical care, and pain medicine, yet it is well recognised that anatomy has not always received the attention it deserves during anaesthetics training. Consequently it is an area where candidates often struggle in the examination. Recent advances in imaging technology, in particular the widespread introduction and use of ultrasound means a thorough understanding of anatomy is even more important than ever. The use of point of care ultrasound scanning (POCUS) is a daily occurrence in modern anaesthetic practice, whether for vascular access, regional anaesthesia, interventional pain management, or critical care diagnosis and intervention.

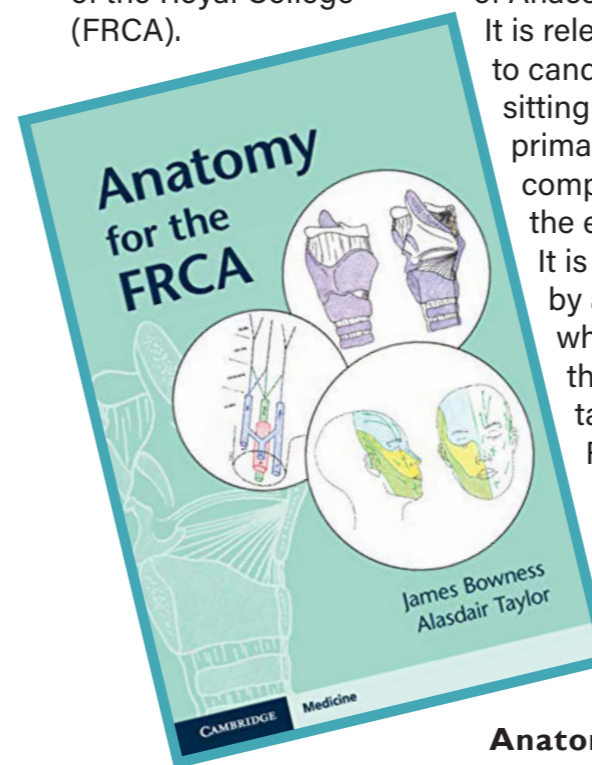
The book created by Bowness and Taylor is aimed at candidates studying for the Fellowship of the Royal College of Anaesthetists (FRCA).

It is relevant to candidates sitting both the primary and final components of the examination. It is written by authors who have themselves taken the Fellowship examination in the recent past, so they

understand the needs of candidates well.

The book is a practical size and can easily be carried in the workplace for opportunistic study. Alternatively, a Kindle edition is available. It is crammed full of clearly presented useful information in an easy to digest format. The book has many illustrations which are essential in helping to convey anatomical information. There is a combination of useful diagrams and photographs. Many of the diagrams have a 'homegrown' feel to them, but this does not detract from their usefulness. However, many of the excellent photographs are quite small, and the font size on the labels is also small which limits their effectiveness to some extent. This is likely, in part at least, due to the need to keep the book small. However, I do think it would be helpful to see some of these excellent images in a larger format in subsequent editions.

The authors should be congratulated on producing this excellent concise book. I would recommend it to any doctor undertaking the FRCA examination. Those who study it will be able to approach the examination with confidence. In addition, I believe it will be of interest to a much wider readership including those undertaking other postgraduate examinations in anaesthesia, as well as medical and anatomy students.



**Anatomy for the FRCA James Bowness and Alasdair Taylor book cover.**

**Do you love books? We do too! and we are always on the look out for great recommendations. So why don't you share your thoughts and write a book review for BACA's Newsletter.**

**Contact us on BACA.**  
[communication@gmail.com](mailto:communication@gmail.com)





# CELEBRATING 44 YEARS OF SUCCESS

**Dr Sara Sulaiman**

**Communication and Engagement Secretary**

The British Association of Clinical Anatomists (BACA) celebrated its 44th anniversary on 7th July 2021. The inaugural meeting was held at the Royal College of Surgeons of England, and elected Professor R E Coupland President of the Association, Professor R M H McMinn Secretary, and Professor D Mayor Treasurer. As published in the Annals of The Royal College of Surgeons of England (1977), the association was established with the aim to "maintain a high standard of teaching and research in clinical anatomy and to close the gap that has developed during recent years between medical science and clinical disciplines".

BACA has been through a lot of changes and developed massively in the past 44 years. It continues to promote and encourage the study of and research into clinical anatomy through various initiatives including competitions, awards, and bi-annual meetings. In the past 18 months the world was hit by a pandemic which demanded a change into how we approach our work through the Association. There was a need for a platform where anatomists can share ideas and exchange knowledge. We were determined not only to support our members, but also the anatomy community. We moved our meetings

online. To avoid overwhelming attendees with long and heavy virtual meetings, we created a series of bite-size sessions called "BACA Beats". We also engaged our members and disseminated information through broadcasts, newsletters, social media platforms and our website. We indirectly supported the anatomy community through our links and representation on various associations, forums, networks and groups, as well as through our continuous collaboration with the Journal of Clinical Anatomy. We also continue to encourage future generations of clinical anatomists through various scholarship awards, prizes and sponsorship.

Join us in celebrating our 44 years of success. We are very excited and proud of what we achieved as a community during what could have been the most challenging year of our lives; however, we are also keen to hear from you! **So let us know your comments, thoughts and ideas on how we can improve and support you better.**

#### Reference:

British Association of Clinical Anatomists (1977). Annals of The Royal College of Surgeons of England, 59(6), 520.

# CLINICAL ANATOMY

**Philip Addis**

**BACA Editor, Clinical Anatomy**

The second in a series of occasional articles about the official journal of the British and American Associations of Clinical Anatomy.

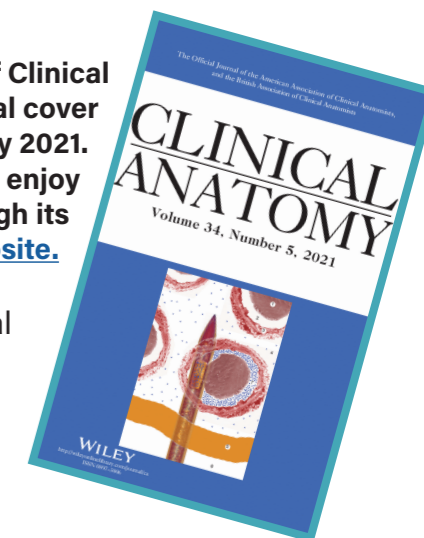
In the previous Newsletter, I described the beginnings of Clinical Anatomy. In this article I shall be explaining a bit more about the journal, and the types of articles that are published.

Clinical Anatomy is currently published eight times a year, although, due to the number of submissions received, this is currently under review, and may be increased to monthly issues. The journal's Impact Factor is a very respectable 1.967, and rising, which is a good indication of the high quality of the papers that are published.

The Editor-in-Chief, Dr R Shane Tubbs, is based in the USA; my role as BACA Editor, with Jenny Clancy as Assistant BACA Editor, is to oversee the submissions and review process for all new manuscripts from authors who are affiliated to BACA.

The goal of Clinical Anatomy is to provide a medium for the exchange of current information between anatomists and clinicians, and it embraces anatomy in all its aspects, as applied to medical and surgical practice. Various types of submissions are accepted, the most

Latest issue of Clinical Anatomy journal cover published in July 2021. BACA members can enjoy the journal through its [website](#).

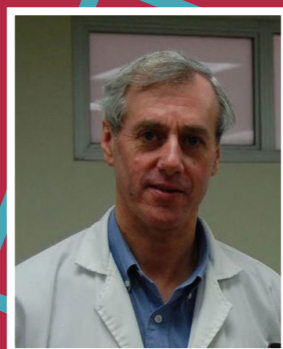


common being 'Original Communication', describing novel research or insights into clinical anatomy; these make up the majority of published papers.

However, we also accept manuscripts on the history of anatomy or notable figures from the past ('A Glimpse of our Past'), reviews, discussions of controversial issues ('Viewpoint'), articles on forensic anatomy, AACA and BACA Meeting Abstracts, and (particularly relevant during this past year) articles on 'Medical and Dental Education.' The challenges of delivering effective anatomy teaching during lockdown has seen some very varied and innovative approaches by different institutions in the UK and worldwide, some of which will undoubtedly enrich anatomy teaching for years to come, and will be a fruitful area of research into effective medical and dental education. Indeed, some studies have already been published\*, and I look forward to receiving many more as we move out of lockdown and back into face-to-face reaching once more.

## CLINICAL ANATOMY EDITOR'S REPORT

**Philip Addis, BACA Editor**



We are very pleased to report that the winner of the "Keith and Marion Moore Blue Box Award" at this year's American Association of Clinical Anatomists (AACA) Annual Meeting was Michael Ward, for his paper entitled "The Innominate Tubercle of The Femur is a Consistent Surgical Landmark and Shows no Variation Between Sex and Side: an Osteological Study". Michael was a student at St George's, University of London when his paper was published. The award was established by Dr Keith Moore, a founding member of the AACA and well-known anatomy textbook author. The Blue Box Award is for the best student paper published in Clinical Anatomy during a given calendar year/Journal volume. The awardee must be the first author on the paper, and the award is open to graduate and medical

students worldwide.

Ward M et al. 2021. The Innominate Tubercle of The Femur is a Consistent Surgical Landmark and Shows no Variation Between Sex and Side: an Osteological Study. Clin Anat 34(5) 742-747 <https://doi.org/10.1002/ca.23714>

The following BACA papers have been published online this year:

- Kate Duloherly, Deirdre Scully, Georga J. Longhurst, Danya M. Stone, Thomas Campbell. Emerging from emergency pandemic pedagogy: A survey of anatomical educators in the United Kingdom and Ireland <https://doi.org/10.1002/ca.23758>
- Harriet G. Talbott, Richard A. Wilkins, Anthony C. Redmond, Claire L. Brockett,

Marlène Mengoni. Morphological variation of the hemophilic talus <https://doi.org/10.1002/ca.23757>

- Stuart W. McDonald. William Hunter's aristocratic post mortems <https://doi.org/10.1002/ca.23730>
- Arun J. Thirunavukarasu, Ashley Ferro, Anand Sardesai, Ghansham Biyani, Sukhpreet Singh Dubb, Cecilia Brassett, Duncan L. Hamilton. Temporomandibular joint anatomy: Ultrasonographic appearances and sexual dimorphism <https://doi.org/10.1002/ca.23719>
- Radhika Merh, Michael Saunders, Deborah Jenner. The fibers of the circular junction of the linea alba in normal adult anatomy <https://doi.org/10.1002/ca.23718>