



Anatomical Society Winter Meeting 2025

Anatomy and its role in society: Application and
Impact

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This meeting will focus on the role anatomy and anatomical knowledge has within our society, with a focus on its wider application and impact. Subthemes within the meeting will include:

- Anatomical education and the impact this has on learners of anatomy
- Anatomical outreach and public engagement and the impact this has on the public
- Anatomical research and the impact of this, under further subthemes of human interfaces and ergonomics, development, technology, EDI and clinical/ surgical applications
- The current landscape of ethics in anatomy

#AnatSocWinter25 #AnatSocARU

Thanks to the Team

Dr Samantha Goodchild, Dr Dan Robbins, Dr Thomas O'Mahoney,
Mrs Rebecca Brand, Miss Lauren Murphy, Miss Tendayi Hove,
Associate Professor Jocelyn Pryce, Dr Muhammad Javaid

Dr Eilidh Ferguson - Meetings Officer
Hannah Webb- Anatomical Society Meetings Administrator

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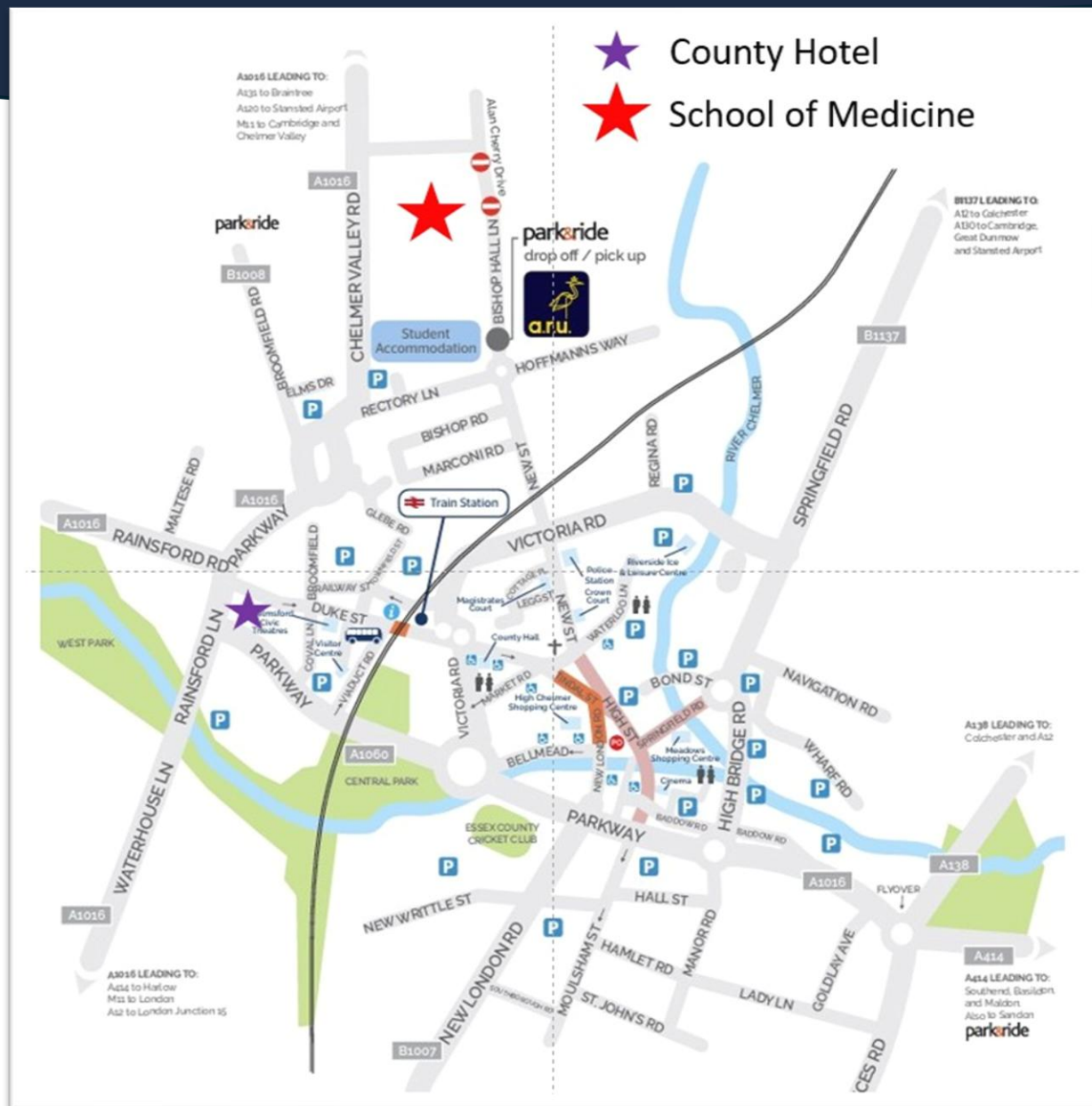
Location



Lord Ashcroft Building (MAB),
Anglia Ruskin University,
Bishop's Hall Lane,
Chelmsford, Essex,
UK.
CM1 1SQ



Chelmsford



For travel information

<https://www.aru.ac.uk/student-life/life-on-campus/chelmsford-campus/travelling-to-our-chelmsford-campus>

Pre conference workshops: Wednesday 17th December 10-12pm

The Anatomy of an Advance HE Fellowship Application

The AS Education Committee are facilitating this interactive workshop for anatomy educators at all career stages to support them in developing compelling, evidence-based applications for Advance HE fellowship at the level of Associate Fellow (AFHEA), Fellow (FHEA), or Senior Fellow (SFHEA). Together, participants will unpack what effective practice looks like in anatomy education, how to evidence this across all PSF2023 dimensions, and how to enhance evaluative and methodological approaches. Attendees will gain actionable strategies, peer insights, and a clear plan for advancing their professional development and strengthening their fellowship application.

Facilitators: Dr Lauren Clunie, Dr Kat Sanders & Dr Paul McKeegan

Exploring the Functional Anatomy of the Upper Limb using Ultrasound Imaging

Collecting and interpreting ultrasound images is a vital skill for clinical practitioners, but can often be challenging. This workshop will allow participants to gain hands on experience in collecting ultrasound images of the upper limb and identifying key anatomical features, as well as better understand the clinical importance associated with upper limb ultrasound imaging. **Facilitator:** Professor Bhaskar Dasgupta MBE is a Consultant Rheumatologist and Visiting Professor at ARU.

Oral Presentations

Ask at the reception desk for who to hand your slides to.

Poster Presentations

Posters will be on display throughout the conference in the MAB foyer. Please make time to visit them during your breaks.

In- Conference Workshop. Thursday 18th December 11-12pm

Qualitative Bites: A Taster Menu of Research Methods. MAB 221

In this practical workshop, participants will work with existing qualitative data to sample a range of analytic approaches. From thematic analysis to discourse-focused techniques, you'll get a hands-on feel for how different methods shape interpretation and insight.

Facilitator: Professor Gabrielle Finn.

3D Morphometrics with SlicerMorph. Venue TBC

This hands-on workshop introduces anatomists to SlicerMorph, an open-source extension of 3D Slicer for 3D morphometric analysis. Participants will explore landmarking, semi-landmarks, and automated workflows and analysis using provided datasets. **Please bring your own laptop** (recent i5/i7 or equivalent with 16gb ram running windows 10/11, or a mac with M2 processor or above. Participants should install slicer from <https://slicer.org> prior to the workshop). **Please note this workshop is first come, first serve and will run alongside the Educational workshop in Session 4.** [3D slicer and SlicerMorph workshop signup](#)

Facilitator: Dr Thomas O'Mahoney

Anatomical Society Young Investigator best talk prize

Awarded for the best oral presentation by an attendee, normally of relatively junior status at the AS winter meeting. The work presented shall have been carried out while the first author was an undergraduate or postgraduate student and presented within 1 year of the award of the Doctorate.

Film Screening: Wednesday 17th December 5pm

A medical student's first dissection can be an emotional experience: ethical and existential anxiety mixed with awe, wonder and morbid fascination. 'Anatomy of a Doctor' is a performance, based on interviews with medical students, that explores this complex rite of passage and its implications for future patients. This screening of the performance will be followed by a panel discussion including the creator Dr Alex Mermikides a student researcher involved with the project and one other.

Dr Alex Mermikides is the D'Oyly Carte Senior Lecturer in Arts and Health at GKT School of Medical Education, King's College London, developing and delivering arts-based learning for medical students. Her research, which includes making performances, focuses on performance in relation to health and medicine. Recent publications include the *Routledge Companion to Performance and Medicine* and *Performance, Medicine and the Human*.

Wine reception and Art Exhibition: Wednesday 17th December 6:30pm MAB Foyer. Miss Kate Jenkins, Medical and Anatomical Artist

Early Career and Student Social

The early career and student social event will meet in the MAB foyer at 7:15pm and located at the Slug and Lettuce. This event is hosted by the early career team at [Anatomical Society](#). Casual drinks and a few fun social activities to help you get to know others in a similar position in their careers. Everyone is welcome.

Gala dinner details: Thursday 18th December 6:30pm

The Gala dinner will be held at the County Hotel. Tickets were reserved during the registration process.

Starter

Parsnip soup

Main

Roast Turkey or Veggie Wellington

Dessert

Fruit crumble and custard

Day 1: Wednesday December 17th

	Pre Conference Workshops	School of Medicine
10:00-12:00	<p>The Anatomy of an Advance HE Fellowship Application – Dr Lauren Clunie, Dr Kat Sanders and Dr Paul McKeegan</p> <p>Exploring the Functional Anatomy of the Upper Limb using Ultrasound Imaging – Professor Bhaskar Dasgupta</p>	
12:00	Registration Opens	MAB Foyer
12:00-13:00	Welcome Lunch	MAB Foyer
13:00-14:40	Session 1: General /Applied Anatomy	MAB 221
	<p>Welcome and Introduction</p> <p>Keynote Talk: Professor Joanna Wakefield-Scurr. Anatomy and its role in Society: Why is a bra important? 40mins</p> <p>Benedict Falana. Apoptotic protein expression and Biochemical Investigations in human cervical carcinoma squamous cell (SiHa) cells exposed to TLD. 10mins</p> <p>Lauren Murphy. Anatomical Variations of the Lumbar Plexus: A Human Cadaveric Study. 10mins</p> <p>Monisha Premkumar. Distal Multi-Insertion Variant of the Gantzer Muscle: A Human Cadaveric Case with Implications for Nerve Compression and Hand Surgery. 10mins</p> <p>Enya Costin. Mapping of the posterior cutaneous nerve of the forearm for lateral elbow denervation surgery: A human cadaveric study. 10mins</p> <p>Sponsor talk. Revolutionising Anatomy Education with Brahmarsive by Theo Ziogianis 10mins</p>	
14:40-15:00	Break/ Sponsors/ Posters	MAB Foyer
15:00-16:45	Session 2: Clinical Anatomy	MAB 221
	<p>Vikas Khanduja. From Shape to Symptoms: The Hip as a Model for Disease. 40mins</p> <p>Vinesh Mistry. Anatomical Insights into Slipped and Lost Extraocular Muscles: A Human Cadaveric Study on Surgical Implications for Strabismus Repair. 10mins</p> <p>Brandon Boyer. Neuroanatomy of cranial dural vessels: implications for dural arteriovenous fistula (DAVF) embolization. 10mins</p>	

Keynote Talk: Mr Timothy Parratt. [Current limb alignment concepts in knee surgery. 40mins](#)

16:45-17:00	Break/ Posters/ Sponsors	MAB Foyer
17:00-18:30	Film Screening 'Anatomy of a Doctor' and Q&A with Dr Alex Mermikides and Ali Gibson.	MAB 221
18:30 onwards	Wine Reception and Art Exhibition: Miss Kate Jenkins, Medical and Anatomical Artist	MAB Foyer
19:15 onwards	Early Career Social (Meet in MAB Foyer-) Slug and Lettuce	

Day 2: Thursday December 18th

8:00-9:00	Tea, Coffee and Pastries	MAB Foyer
9:00-10:45	Session 3: Education /Flash Talks Keynote Talk: Professor Gabrielle Finn. New methods, new meanings: Reframing education research for impact. 40mins Michelle Welsh. Embedding Equity, Diversity, and Inclusion in Anatomy Education: Global Reflections and Strategies, and a Call to Action. 5mins Lucy Cowperthwaite. Uncovering the face of the hidden curriculum in anatomy through a Supported Introduction to Death intervention. 5mins Lauren Clunie: A Novel Advance HE-Accredited Anatomy Education Module: Design, Delivery, and Early Impact. 5mins Anthony Bright: Assessing with AI: an examination technique that allows both AI and student understanding. 5mins Deborah Merrick: Hands-On or Hands-Off: Student Perspectives and Assessment Outcomes in Dissection-Based versus Prosection-Based Anatomy Learning. 5mins Education Innovation Award Talk: Dr Aaron Beger and Dr Eva Sweeney. Implementing virtual escape rooms in education: Insights and innovations from two institutions. 40mins	MAB 221
10:45-11:00	Break/ Posters/ Sponsors	MAB Foyer
11:00-12:00	Session 4: In-Conference Workshops Education Workshop- Prof Gabrielle Finn. Qualitative Bites: A taster menu of research methods. MAB 221 3D Morphometrics with SlicerMorph Workshop – Dr Thomas O'Mahoney TBC	
12:00-14:00	Lunch	MAB Foyer

12:30-14:00	Anatomical Society AGM	MAB 221
14:00-15:30	Session 5: Technology Keynote Talk: Dr Joseph Harris. Artificial Intelligence for Ultrasound: Progress and pitfalls of real-time anatomical segmentation. 40mins Paula Vickerton: ChatGPT, Co-pilot and Claude take an anatomy spotter. 10mins Benhamin Crockett: Faculty Perspectives On Reflectance Transformation Imaging In Human Osteology Education. 10mins Jason Ha: Revolutionising Anatomy Education: The Impact of Virtual Reality Workshops on Anatomy Teaching. 10mins Jay F Roebuck: Improving medical education through rapid prototyping of anatomical models. 10mins Susan Standing for Elsevier: A brief history of Gray's Anatomy from the 1st edition to the newly published 43rd edition. 10mins	MAB 221
15:30-16:00	Break/ Posters/ Sponsors/ Mentorship scheme mixer	MAB Foyer
16:00-17:50	Session 6: Development and Aging Keynote Talk: Dr Bernadette De Bakker. The Dutch fetal Biobank: A 3D window into human development. 40mins Iain Keenan: Exploring Embryology in Medical Education. 10mins Primal Pictures: sponsor talks. 1- Anatomy Learning outcomes for medicine quizzes. 2- 3D Read-time Embryology Upgrade. 10mins + 10mins Aging Cell Best Paper Prize Talk: Dr Taylor Russo: Lipid accumulation drives cellular senescence in dopaminergic neurons. 40mins	MAB 221
18:30 onwards	Gala Dinner: County Hotel	

Day 3: Friday December 19th

8:30-9:30	Tea, Coffee and Pastries	MAB Foyer
9:30-10:45	Session 7: Ethics Workshop	MAB 221
10:45-11:05	Break/ Posters/ Sponsors	MAB Foyer
11:05-13:00	Session 8: Education and Outreach Rohan O'Hare: A Pilot Study of Near-Peer Anatomy Teaching in a UK Undergraduate Medical Curriculum using Human Prosections. 10mins Jiayi Zhang: Exploring 3D Anatomy: A Free Online Course Supporting Novice Learner Inquiry and Spatial Conceptualisation. 10mins Mason Frudd: Developing a Resource for Equality, Diversity and Inclusion in Head and Neck Anatomy Teaching. 10mins Millie Patel: ‘We’re censoring ourselves.’ Evaluating Student Experiences While Learning Pelvic Anatomy. 10mins Yerokhina Viktoriia: World Anatomy Day at the University of Lancashire: inspiring public engagement through anatomical outreach. 10mins	MAB 221
11:55-12:10	Break/ Sponsors	MAB Foyer
12:10-13:00	Session 9: Journal of Anatomy Best Paper Prize: Dr Helge Rask-Andersen: Microanatomy of the human tunnel of Corti structures and cochlear partition-tonotopic variations and transcellular signalling. 40mins Prizes and Conference Close	MAB 221
13:00 onwards	Lunch to Go and Departure	MAB Foyer

Thank you to our sponsors

