



AWARDEE REPORT FORM

NAME	Dr Kate Dulohery
TWITTER HANDLE* <i>optional</i>	
UNIVERSITY	University of Sunderland
NAME OF AWARD	Public Engagement and Outreach Grant Round 5
PURPOSE OF AWARD	<i>conference/event attended/organised (full name) with city and dates.</i>
	Discover Anatomy - Celebrating World Anatomy Day 2024, hosted by University of Sunderland at the Fire Station, Sunderland, UK on the 20th October 2024 was a free public engagement event.
REPORT: What were your anticipated benefits?	
	<i>Minimum number of words between 200-400. Please write in coherent paragraphs.</i>
	<p>The overall objective of our outreach events was to showcase anatomy to schoolchildren and the public across Sunderland to raise aspirations with regards to studying medicine, dentistry and allied health care (for school children and their parents/guardians alike) and to show that anatomy is a subject of interest for all ages and interests. In doing this have created a series of events with a wide variety of staff and student volunteers to deliver a programme of events centred around World Anatomy Day (WAD)</p> <p>Thus, the anticipated benefits were:</p> <ul style="list-style-type: none"> • An increased reach of the event, by broadening the interpretation of anatomy through asking a variety of staff (e.g. biological scientists, clinicians, allied healthcare professionals and artists) to join anatomists from the University of Sunderland and Newcastle University. • An increased awareness of anatomy and the breath of careers and opportunities young people have to learn anatomy at local universities (from health, science, to sports and the arts). • Upskilling our student volunteers and help develop their skills in communicating anatomical topics to a wide range of ages and abilities. • Provide explicit links to school curriculum to support statutory learning requirements in Key Stage 1 and 2 of the National Curriculum in England. Much of our planned activities linked to the curriculum which were made clearly visible to teachers and parents.

COMMENTS: Describe your experience at the conference / lab visit / course / seminar/ event.

Minimum number of words between 200-400. Please write in coherent paragraphs.

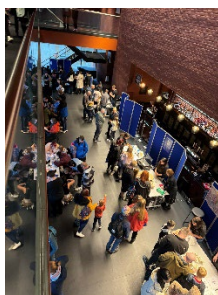
We had 410 participants attend our family-oriented 'Discover Anatomy Day'. Schools in key target areas were sent a 'Save the Date' Flyer in August 2024 and were invited to book a school visit from anatomy staff between September - October 2024. Staff delivered school assemblies in 13 schools throughout September and October and reached out to approximately 1720 children. A letter to parents was shared at the school visits for teachers to copy and distribute to parents on the day of our visit; the letter promoted the Discover Anatomy Day as a free family event and shared booking details.

The core organisation team comprised six anatomists who collaborated with over 25 other members of staff from across our Faculty of Health Science and Wellbeing and our Faculty of Creative Industries as well as collaborating with anatomists from Newcastle University. Through our partnerships we had over 50 student volunteers throughout the day from both Newcastle and Sunderland. There was series of stage events which included:

1. A draw along activity of the anatomy of mythical creatures
2. A demonstration of how to image the body through ultrasound
3. A live dissection of a sheep heart and lungs

There was also a series of activity stations in the foyer

1. Overview of the Human Body – learn where the organs in your body are located.
2. Nervous System – match the brains to the correct animals and find out about our evolution.
3. Dental Anatomy – learn how dental health and anatomy can help prevent dental disease.
4. Digestive System – complete a maze to find the way out of the gastrointestinal tract.
5. Cardiovascular Anatomy – use the ultrasound machine to find the heart.
6. Musculoskeletal Anatomy – discover how strong you are with our grip test.
7. Birth and babies – deliver your own baby and see how human anatomy changes during pregnancy.
8. Our Senses – use sensory equipment to show the anatomy of how we perceive the world around us.
9. Microanatomy - learn about the world that your eyes can't see.
10. The occupational brain - learn the parts of the brain by creating your own brain hat.
11. Anatomy crafts - make your own pair of ears.



REPORT: In relation to skills, what were the most important things you gained? *(does not apply to equipment grant.* For public engagement/outreach awards what did your audience gain and how did you evaluate success?

Minimum number of words between 200-400. Please write in coherent paragraphs.

We asked attendees to complete an optional feedback survey. The data was very positive with the overall event obtaining an average rating of 9.6 out of 10.0. All participants agreed or strongly agreed with the educational value of the event, that they had fun and that the station facilitators were kind and approachable.

When asked what they enjoyed they frequently cited the range of activities and the level of interactivity. Additionally, station facilitators were highly rated. Below are some examples of quotes from parents / guardians.

- *Accessible and great way to consume information easily for young children. Will return next year for the auditorium sessions as my daughter will be older, and even more interested in the topics!*
- *Excellent interactive experience and lots of things to learn for adults and children. Great facilitators at the stations.*
- *Interactions with people passionate about what the subject was an invaluable experience*
- *The range of things to do.*
- *Very fun and interesting all of staff were very nice*

Additionally, we received a warm write-up in the local newspaper the [Sunderland Echo](#), as well as a variety of social media posts such as this [Instagram video](#). Additionally, our schools outreach visits were well received by the teachers and principals and an example of a write-up we received can be read on a [local schools website](#).

REPORT: How do you think you will put this learning experience into practice in the future? For public engagement/outreach awards how with the materials/knowledge generated by this activity be used in the future?

Minimum number of words between 200-400. Please write in coherent paragraphs.

The bulk of resources used for this event came from Newcastle University and the University of Sunderland. This is our third year running this collaborative event and each year the anatomy teams in both institutions have successfully coordinated and pooled our resources. We are confident that the same resources can be pooled in future years to run similar events. The majority of station resources are used each year; however, we do incur annual costs such as animal dissection material, printing, lunch for our student volunteers etc. All the core organising team have gained skills in designing, developing, marketing, and delivering large scale public engagement events. Additionally, we have also upskilled in school's outreach through our school assembly visits. This has allowed us to gauge the depth of activities and road test our approach across a wide range of ages. All of this has allowed us to support approximately 25 staff collaborators who helped design and deliver stations as well as the training and to develop the anatomy knowledge and communication skills of over 50 student volunteers. We will fully evaluate the experiences of staff and students through an evaluation survey (data collection ongoing). All of this evaluation data will be compiled and used to help our World Anatomy Day events for 2025.

Data Protection/GDPR: I consent to the data included in this submission being collected, processed and stored by the Anatomical Society. **Answer YES or NO in the Box below**

YES

Graphical Images: If you include graphical images you must obtain consent from people appearing in any photos and confirm that you have consent. A consent statement from you must accompany each report if relevant. A short narrative should accompany the image. **Answer N/A not applicable, YES or NO in the box below**

YES

Copyright: If you submit images you must either own the copyright to the image or have gained the explicit permission of the copyright holder for the image to be submitted as part of the report for upload to the Society's website, Newsletter, social media and so forth. A copyright statement must accompany each report if relevant. **Answer N/A not applicable, YES or NO in the box below**

YES

SIGNATURE

Dr Kate Dulohery

DATE

09.12.2024

If submitted electronically, a type-written name is acceptable in place of a hand-written signature

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