

11-2-2021

Human Cadaver Study Goes High Tech

Follow this and additional works at: https://digitalcommons.cedarville.edu/news_releases



Part of the [Organizational Communication Commons](#), and the [Public Relations and Advertising Commons](#)

This News Release is brought to you for free and open access by DigitalCommons@Cedarville, a service of the Centennial Library. It has been accepted for inclusion in News Releases by an authorized administrator of DigitalCommons@Cedarville. For more information, please contact digitalcommons@cedarville.edu.

FOR IMMEDIATE RELEASE
November 2, 2021

CONTACT: Mark D. Weinstein
Executive Director of Public Relations
[937-766-8800](tel:937-766-8800) (o)
[937-532-6885](tel:937-532-6885) (m)
Mweinstein@cedarville.edu
[@cedarvillenews](#)

Human Cadaver Study Goes High Tech

CEDARVILLE, OHIO -- When it comes to understanding the human body, those in the health sciences have traditionally relied on cadaver study as a crucial component in training and education. But starting next spring, students in Cedarville University's [school of allied health](#) will also have access to a new interactive device that will allow them to understand the human body in a digital way.

Cedarville's school of allied health recently invested in an Anatomage – a compound of anatomy and image – Table ahead of the launch of the [Master of Athletic Training](#) (M.A.T.) program next summer. The table consists of two giant touchscreens and has detailed scans of four people who gave permission for their bodies to be used before they passed, as well as case studies for particular medical conditions.

Upon loading one of the virtual cadavers, students will see the human bodies from the outside. Using a slider at the bottom of the screen, they can slowly take layers off to see the various muscles, bones and organs of the human body. Most of these structures were captured through layer-by-layer imagery, though some of them were captured by MRIs and CT scans. To navigate, students can swipe on the table to flip the bodies around, use multiple fingers to zoom in and out and tap to identify parts of the body.

[Mike Weller](#), associate professor of athletic training and director of the athletic training program, said the Anatomage Table will greatly enhance the learning environment.

“It gives the students another learning style and something that’s native to them,” Weller said.

Weller stressed that the table will complement but not replace the use of traditional cadavers, which provide a tactile reminder that the cadaver was once a living, breathing human being.

The primary advantage of the Anatomage Table is that it allows students to see parts of the body that would be difficult to see with a traditional cadaver or that would require extra dissection and work to access, since the device allows students to constantly add or remove layers. Also, while organs and other body parts may be removed from a body after a person has died, they will be available on the table. Finally, the Anatomage Table is much easier to store and maintain than a traditional cadaver.

Professors in the M.A.T. program will continue to use traditional cadavers during the summer term, but the Anatomage Table will be available as a supplement to student instruction. Professors will even be able to create tests and exams on the device, which is primarily intended for the M.A.T. program but will also be available for use by undergraduate programs in the school of allied health.

Anatomage Tables are still rare in higher education; Weller noted that Cedarville is one of the few universities in Ohio that owns one. The tables have seen increased use in the past 10 years

“We have a long history of preparing athletic training students well,” Weller said. “I hope the table allows them to grow their understanding of the human body from a biblical perspective, intricately and uniquely designed by God.”

Located in southwest Ohio, Cedarville University is an accredited, Christ-centered, Baptist institution with an enrollment of 4,550 undergraduate, graduate and online students in more than 150 areas of study. Founded in 1887, Cedarville is one of the largest private universities in Ohio, recognized nationally for its authentic Christian community, rigorous academic programs, including the [Master of Athletic Training](#) and [Bachelor of Science in Sports Medicine + Master of Athletic Training](#) programs, strong graduation and retention rates, accredited professional and health science offerings and high student engagement ranking. For more information about the University, visit cedarville.edu.

Written by Bryson Durst