Jacob Leboeuf Computer Graphics II Dr. Haim Levkowitz 26 November 2021

Summary

This article discusses the importance animation can have within the concept of short-term learning by observing the methods at which cardiovascular embryology is taught. The authors noted that the typical static, two-dimensional images shown in embryology textbooks often do not deliver the desired effect to the consumer, which is significant given that the subject is considered essential to understanding human anatomy and physiology. Being able to represent such a topic in a clearer, more effective visual fashion allows those having issues learning, as well as those who have less issues to gain a greater understanding of the material. Although these web-based animations may be useful, a setback to consistently using them includes a lack of resources for their intended audience, either potentially lacking the required technology to view the animations through outdated technology, or a lack of technology entirely. The authors note that the research done was in reference to short-term learning, but look to do further research to see the animations' impact on long-term learning as well.