



# VIRTUAL ANIMAL ANATOMY

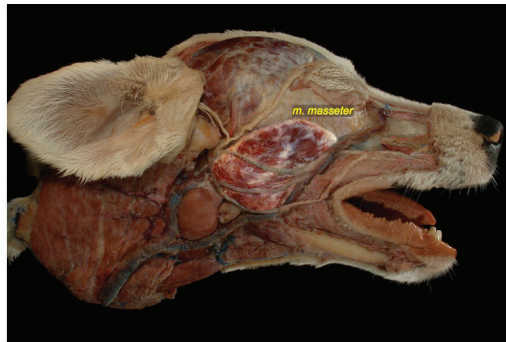
AN INNOVATIVE ONLINE ANATOMY  
LEARNING RESOURCE



Virtual Animal Anatomy (VAA) is a compilation of CSU's Virtual Canine Anatomy program as well as new content for equine, feline and bovine anatomy. VAA **improves student learning<sup>1</sup>** and **increases teaching efficacy<sup>2</sup>** using **interactive, photorealistic** cadaveric specimens. **Free** AAVA participant access to these programs is available at the following website using the **username** and **password** "AAVA2019"

<http://vaa.cvmb.colostate.edu/>

## VIRTUAL CANINE ANATOMY



### Deep Head Dissection 1:

#### Introduction

Deep dissection of the head will be done on the right side. The object of this dissection is to explore the muscular, vascular, and nervous components of the pterygopalatine fossa, the periorbita, and the region deep to the angle of the mandible.

Dissection Instructions

*m. buccinator*  
*m. cleidocephalicus, pars cervicalis*  
*m. digastricus*  
*m. masseter*



«»

*m. masseter*

O: zygomatic arch  
I: masseteric fossa, angular process, and ventrolateral ramus of mandible  
A: raise mandible  
N: mandibular division of trigeminal n.

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## Student Reviews

"I want you to know how very grateful we are that you have provided us with such a remarkable and useful resource... All of us look forward to a future where the use of cadavers in our anatomy curriculum is minimised through widespread availability of learning solutions such as VAA."

- *Tristan, Australia*

"I am absolutely head over heels for Virtual Animal Anatomy. It has really helped my anatomy skills much more than any book could have."

- *Mona, California*

"VAA was my primary study tool last semester and it is just tremendous. Thank you so much for working at making such a wonderful program."

- *Makenzie, Colorado*

## VAA Subscription Information

Virtual Animal Anatomy seamlessly integrates into most major Learning Management Systems – university subscriptions start at **\$3,000USD/year**

For more information about VAA, stop by our poster<sup>2</sup> or visit our home page:

<https://virtualanimalanatomy.colostate.edu/vaanopcomm>

**What's next in anatomy education?** Stop by and see the *next generation* of VAA – **Virtual Reality** during the AAVA meeting. VR demos available on Friday (July 26) in the Clinical Skills building during tour times, or at the Banff Centre for the Arts on Saturday and Sunday (July 27-28).

<sup>1</sup>Linton A, Schoenfeld-Tacher R, Whalen LR. 2005. Developing and implementing an assessment method to evaluate a virtual canine anatomy program. *JVME* 32.2: 249-254.

<sup>2</sup>Garrett AC, Ivie KR, Linton A, Martin JF, Delcambre JJ, Whalen LW, Magee C. Use of Virtual Canine Anatomy Improves Student Outcomes in an Undergraduate Domestic Gross Anatomy Course. 2019. AAVA Conference, Poster.