



Teaching Academy
Consortium of West Region CVM

Title: Changing the 'Game' in Veterinary Medical Education

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Abstract:

While lectures have been an efficient method of delivering instruction to a classroom full of students, and they have found a wide use in higher education, there is evidence to support that the idea that lectures lead to low retention of content. The greatest issue with lectures in veterinary medicine is that often students struggle to apply clinical information they are asked to recall from their didactic lectures. Game based learning provides one method for instructors to students and instructors to engage in active learning and to apply this information with immediate feedback.

Researchers at the University of Arizona College of Veterinary Medicine, have developed several games which are being utilized in the veterinary medical curriculum. One game 'Furbitten Words' is based on the classic card game Taboo. This game allows students to apply their preclinical knowledge of a concept while receiving immediate feedback from their peers about their knowledge of pharmacology, pathophysiology and internal medicine. This team is also actively developing another game for the veterinary medical business course called "All it takes is Money". This game is loosely based on Monopoly, and allows students to play as different business models as they navigate the game board. The structure of the game will allow students to begin as a startup practice, a brick and mortar practice, a researcher, and derivate clinical models, in both large and small animal medicine. The workbook being designed will guide students through the financial spreadsheets they will be exposed to as day one veterinarians. The innovative design of these games allows students an opportunity to work through scenarios, and apply the information required for many medical and business concepts in a fun, low stakes environment with immediate feedback from instructors and their peers.

Link to Furbitten words: <https://sites.google.com/view/musculoskeletal-anatomy-found/home>

Link to All it Takes is Money:

<https://www.dropbox.com/sh/pt44d78654v8uuj/AACqKeR9FOGVI3H2KmNq8l4Ga?dl=0>