



and experience enhances consumption of sagebrush.

Ryan Shaw successfully defended his PhD Dissertation entitled: *Social Organization and Decision Making in North American Bison: Implications for Management*. Ryan's research elucidated the importance of mother-daughter relationships in bison social groups, and older females in making decisions about where and when to move. Lastly, he reported on management practices that increase stress in young male bison.

Articles summarizing their research will appear in future issues of the BEHAVE Newsletter.

University of Hawai'i Extension also assisted in the training.

Prior to training, 30 goats were penned overnight without feed. The next morning, goats were offered freshly cut Tarramba branches. Even after an overnight fast, some goats were reluctant to taste the brush because it was a novel food. Once goats ate Tarramba, they were drenched LiCl to cause a mild nausea in the goats. After dosing, goats were moved to another pen for about another hour to strengthen association between nausea and the flavor Tarramba. They were then let out to pasture. This process was repeated over the next 3 days. Even goats that readily ate the Tarramba the first day hardly sniffed it on subsequent days. Several months later and the goats were still eating weeds and avoiding Tarramba.

Greg and Bobby were so impressed with the persistence of the aversion, they averted another 25 goats several months later. This group was only treated with LiCl once. They all tasted Tarramba on the first day of exposure, but wouldn't try it again over the next three days. Greg even put 8 ewe-lambs that readily ate Tarramba to entice the goats to eat, but the goats just ignored the Tarramba.

On the second day of training goats ignore Tarramba

*This article was adapted from an article by Matt Stevenson. Photos provided by Matt Stevenson*

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## Surfing the Web: BEHAVE Website Updated

If you've been on the website lately, you may have noticed the BEHAVE website recently had a face-lift. I moved to the USU Extension website because I am now an official Extension Agent.



From the new site you can view all the videos of sheep demonstrating behavioral principles as well as the new videos on the economics of using animal behavior. The shorter videos are in windows media video (wmv) and ready to be downloaded, inserted and used in Powerpoint. Slide shows can also be downloaded from the website. I've also included the information from the CD "Using Livestock on your Operation."

The citations from the BEHAVE project journal articles were

entered into Digital Commons via the USU Library. You can quickly view the abstract for each publication and in many cases the entire article. Our web new address has [extension.usu.edu/behave](http://extension.usu.edu/behave) but you can still get to it using the old web address [www.behave.net](http://www.behave.net).

Let me know about any problems on the site so we can get them fixed.

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Let me know what I can do to improve the newsletter!!

Sincerely,

*Beth Burritt*

Beth Burritt

Utah State University - Department of Wildland Resources



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