

UNIVERSITY OF NORTH TEXAS™

Department of Philosophy and Religion Studies

presents

A Lecture By

Dr. Fred Provenza

Paradoxes of Diets and Habitats

Shifting Paradigms and the Dynamics of Plant-Herbivore Interactions



Professor Provenza will illustrate the theoretical and practical consequences of paradigm shifts in science. His focus will be on animal foraging behavior in relation to habitat characteristics and management practice.

What was traditionally considered proper grazing management may have trained generations of livestock to "eat the best and leave the rest" thus inadvertently accelerating a decline in biodiversity and an increase in the abundance of less desirable plant species.

During his talk, Provenza will address the paradoxical ways morphology, physiology, nutrients and toxins interact with animal behavior and human management.

Fred Provenza is Professor in the Department of Forest, Range, and Wildlife Sciences at Utah State University. His research focuses on behavioral principles that underlie plant-herbivore interactions. He gives courses for Natural Resource Conservation Service employees, students, and faculty members from all over the United States, Puerto Rico, Hawaii, and Alaska. He has received various awards from the Society for Range Management, (co-)authored over 150 publications, and is co-founder of BEHAVE Consortium for the Application of Behavioral Principles in Management of the USDA Initiative for Future Agriculture and Food Systems (IFAFS), see <http://www.behave.net/>

Wednesday, October 12, 3:30 pm in EESAT 125

This lecture is free and open to the public.

For special accommodation, contact us at 565-2266 or
philosophy@unt.edu