

Animal signals are some of the most conspicuous and mysterious structures in nature. Animals employ specialized sexual structures (such as antlers or horns) or generalized morphological structures (for example, the head) to communicate with other individuals of the same species, with different species, or even to predators. The diversity of animal signals has been widely documented, and the generality of animal signals also tantalizingly suggests that there are common mechanisms that have been selected for their origin.

Animal Signaling and Function: An Integrative Approach delineates the process by which animals communicate with one another through chemical, visual, or auditory signals, and the way in which animals have evolved many fascinating structures to enhance this process. Signals often appear to transmit information about important functional abilities. The overall functional approach to animal signaling addresses the diversity of animal form and signaling from multiple perspectives, and this integrative view is important for explaining the current diversity of animal signaling structures.

Animal Signaling and Function: An Integrative Approach focuses on an exciting new arena of sexual selection, namely using functional approaches to understand signaling. The text brings together a diverse collection of research investigating the relation between function and signaling, and will be a valuable resource to animal behavior researchers.

- Bridges research from a variety of different subfields
- Highlights the interdisciplinary nature of research that bridges different fields
- A valuable resource for younger researchers emerging into the national and international scene
- Represents a clarion call for even younger researchers to fashion their own research
- Features authors who have been pioneers in their integrative views of sexual selection, comparative physiology, and functional morphology

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