Animal research continues to play a vital role in psychology, enabling discoveries of basic psychological and physiological processes that are important for living healthy lives. You can learn more about some of this research, as well as the ethical and regulatory issues that are involved, by consulting online resources such as Speaking of Research. References. Grayson D.S., Bliss-Moreau E., Machado C.J., Bennett J., Shen K., Grant K.A., Fair D.A., Amaral, D.G. The rhesus monkey connectome predicts disrupted functional networks resulting from pharmacogenetic inactivation of the amygdala. Contemporary investigations of animal learning and cognition reflect the roots of comparative psychology in questions about animal intelligence. Contemporary studies of adaptive specializations and functions of learning are related to the contemporary emphasis in comparative psychology on the role of behavior in evolution and adaptation. In addition, the comparative method remains important in the study of both specialized and general learning processes. The book epitomized here first clarifies the basic phenomenon and its causes, and then extends it by mapping its development, along with that of other behavioral markers, against the development of brain structures. One may take exception to the particulars: Are the chosen variables the best ones to measure? Dog Psychology - How does your dog really see the world around him? Do you understand your pup's point of view and how to bond with him better? Whatâ€™s more, animal behaviorists began applying the findings about wolf behavior to domestic dogs as a way of understanding dog psychology. The earliest concepts of pack mentality applied to dog behavior, therefore, can be summarized by saying: Because dogs are genetically related to wolves, their behavior patterns and how they bond with each other are the same. The style of learning is now called â€œclassical conditioningâ€ or â€œPavlovian conditioning. The significance of Pavlovâ€™s dog psychology to our understanding of dog behavior in general is that it led animal behaviorists to ideas like