Editorial

We publish in this issue a paper concerned with the reporting of information about light-dark cycles in research papers. *Psychobiology* has recently adopted the policy that all papers must specify the light-dark cycle on which animals were maintained, and the point in that cycle when experiments were carried out. We have also instituted a new policy with regard to animal welfare concerns. Reviewers are explicitly reminded of our commitment to pay close attention to the treatment of animals. They are encouraged to consider whether appropriate methods have been used, and to comment upon improper treatment if they so judge.

One alternative to the use of animals in research involves computer simulation of the process under study. Recognizing that there are limits to the applicability of this approach does not mean that it is entirely fruitless. Indeed, there has been an explosion of interest in computer models, particularly in the study of learning and perception. We will discuss this energetic new domain—most often called *neural nets*—in a future issue. In this issue, we publish an article concerned with such modeling; several more are pending. We encourage submissions in this research domain, be they notes, commentaries, real-time models, or just plain old speculation.

Finally, we want to draw your attention to the announcement (p. 290) of a special issue on “Psychobiology of Sexual Differentiation and Gender-Related Behaviors,” to be edited by Jane Stewart and published in the fall of 1988. Please send your articles directly to Dr. Stewart; the deadline is March 1, 1988.

Lynn Nadel