Visual Neuroscience is soliciting papers for a feature issue:

Natural Systems Analysis

- **Deadline for Submissions: June 30, 2008**

The Special Editors for this feature issue are Wilson Geisler and Dario Ringach:

> The perceptual and motor systems that enable an organism to decipher and interact with its environment are a product of evolution. These systems (and quite possibly the developmental and learning mechanisms that shape them over the lifespan) should therefore reflect the natural tasks the organism performs as well as the properties of the natural environments in which the organism performs those tasks. Only recently, however, have these ideas been incorporated into formal frameworks used to investigate various aspects of vision, such as the structure of eyes, the representation of the visual image in the LGN and cortex, and the pattern of eye movements in natural tasks.

> The aim of this special issue is to highlight the emerging research area of 'natural systems analysis' in different species. We seek contributions that include (but are not limited to) the following topics: Measurement and analysis of natural scene statistics, analysis of computational demands in natural tasks, and experimental investigations or modeling studies of neural or behavioral performance in natural tasks.

Instructions:

Manuscripts should be submitted online (http://mc.manuscriptcentral.com/vns), prepared in accord with the instructions for contributors at the journal website (http://www.journals.cambridge.org/action/displayJournal?jid=VNS). Please indicate that your paper is being submitted for this feature issue. Manuscripts will be subjected to peer review under the editorial guidance of Wilson Geisler (geisler@psy.utexas.edu) and Dario Ringach (dario@psych.ucla.edu). While the focus of the feature issue is on original research, proposals for reviews or perspectives may be sent to the Special Editors for approval prior to preparation and submission of the manuscript.

Further questions about manuscript submissions and the review process can be directed to Benjamin Reese (breese@psych.ucsb.edu), Editor of *Visual Neuroscience* beginning January 2008.