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Journal of Neurophysiology (a multidisciplinary neuroscience journal)

Introducing Collections

Journal of Neurophysiology

a multidisciplinary neuroscience journal

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Useful
*Journal of
Neurophysiology*
links:

Manuscript Types

- [General Description](#)
- [Rapid Reports](#)
- [NeuroForum](#)

Journal Information

- [Editorial Board](#)
- [Author Instructions](#)
- [Journal Homepage](#)

Promotional Information

- [Editor's YouTube Video](#)
- [Editor's Vision for the Journal](#)

American Physiological Society

- [Membership Benefits](#)
- [Experimental Biology 2015](#)
- [Society Website](#)

Our Newest Feature: Collections

Journal of Neurophysiology (a multidisciplinary neuroscience journal) initiated "Calls for Manuscripts" in July, 2014 to increase submissions related to important topics in neuroscience.

We have received numerous inquiries about how we will archive manuscripts submitted for "Calls." Now that a critical mass of papers has been accepted, we will be launching our "Collections" page next week.

The [Collections page](#) will display a link to each [Call for Manuscripts](#), and all the papers accepted for the Call. Note that only a few papers are now part of Collections, as there is a lag between manuscript submission and acceptance. Rest assured that we have many papers submitted for Calls in the works, with more arriving soon (*hopefully including yours*).

We are confident that the [Journal of Neurophysiology Collections](#) will become "go to" sources of information on particular topics.

The [Collections page](#) will be linked to the [Journal Website](#) next week, after the American Physiological Society staff cleans up a few bugs (e.g., "test" is now listed as a topic due to a bug).

Each Collection will also have a unique URL, which will be circulated and advertised. The addresses for some of our topics are:

- [Correlating Neuronal Activity and Neural Imaging](#)
- [Decision Making: Neural Mechanisms](#)
- [Neurobiology of Deep Brain Stimulation](#)
- [Neuronal Diversity: Categorizing Types of Neurons](#)
- [Neurophysiology of Tactile Perception: A Tribute to Steven Hsiao](#)

Original Calls for Manuscripts Close on March 15; Three New Calls Open

The original [Calls for Manuscripts](#) issued last July will close on March 15, and after this date we will accept no new submissions for the associated [Collections](#). The three Calls closing on March 15 are:

- Correlating Neuronal Activity and Neural Imaging
- Decision Making: Neural Mechanisms
- Neurobiology of Deep Brain Stimulation

If you would like your manuscript included in the [Collection](#) related to one of these Calls, you must submit it by **March 15**.

The original Calls are closing, so we can introduce three new Calls for Manuscripts.

Manuscripts submitted for Calls can include any [article type](#) regularly published by *Journal of Neurophysiology*, including:

- Research Reports
- [NeuroForum](#)
- [Rapid Reports](#)
- Reviews
- Innovative Methodology

Note that *Journal of Neurophysiology* does not accept uncommissioned reviews; please consult with the [editor-in-chief](#) before composing and submitting a review article.

New Call for Manuscripts: *Active Sensing* (Coming March 15)

In the early 20th century, sensing was typically considered passive. The prevailing notion was that the nervous system processed sensory inputs without playing an active role in modulating the signals. Around 1950, Sperry as well as von Holst & Mittelstaedt proposed that self-generated neural activity, which was labeled "reafference" by von Holst & Mittelstaedt, is also important in sensory processing. Over the years, the notion that sensing is an active process, with self-generated "efference copy" processed alongside sensory inflow, has been demonstrated across a broad range of sensory systems in a wide variety of species (e.g., insects, bats, rats, and humans). This Call for Manuscripts is dedicated to "active sensing," and focuses on how self-generated neural activity influences the processing of sensory information.

Submissions for this Call are due no later than [January 1, 2016](#).

New Call for Manuscripts: *Neurological Disease and Autonomic Dysfunction* (Coming March 15)

There is a growing appreciation that a variety of neurological diseases, including Parkinson's disease, epilepsy, Rett syndrome, and Leigh's disease, result in autonomic dysfunction. This Call for Manuscripts is to provide insights into the neurobiology of autonomic problems that result from neurological diseases.

Submissions for this Call are due no later than [January 1, 2016](#).

New Call for Manuscripts: *Methods to Understand Brain Connections and Neural Function* (Coming March 15)

A variety of new and innovative methods have recently been developed to elucidate brain connections and neural function, including [optogenetics](#), [CLARITY](#), [DREDD](#), and [Brainbow](#). This Call for Manuscripts provides insights into the implementation of these and related techniques, and how they are revolutionizing our understanding of the nervous system.

This Call for Manuscripts is associated with the [Erlanger Distinguished Lecture](#) and accompanying symposium at the 2015 Experimental Biology Meeting.

Submissions for this Call are due no later than [January 1, 2016](#).

Send us your Feedback

- We are eager to receive constructive feedback on how to improve the journal.
- We are receptive for new topics for [Calls for Manuscripts](#).
- Send your ideas and suggestions to the [Editor-in-Chief](#).