

# Applied Animal Science Instructions for Authors: Policies

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## ABOUT THE JOURNAL AND ARPAS

The journal *Applied Animal Science* (AAS) is the official publication of the American Registry of Professional Animal Scientists (ARPAS). Authors need not be members of ARPAS. The peer-reviewed scientific journal publishes manuscripts on scientific discoveries and applications for the animal sciences and production systems. The primary focus is on innovations and technologies that have fairly immediate (or emerging) application in domestic animal agriculture. More fundamental (basic) articles are also welcome if the application to the animal sciences is readily obvious and can be communicated to readers. Types of articles published include original research, reviews, invited reviews, short communications, technical notes, perceptions and commentaries, letters to the editor, and articles from symposia and conferences.

The journal invites organizers of symposia and conferences to contact the editor in chief about submitting manuscripts resulting from presentations for publication in AAS. These manuscripts undergo the standard peer review. The meeting organizer or a designee may serve as guest editor working with the editor in chief to manage the review process and publication. The articles may be any of the types mentioned above and may be published as part of a regular AAS issue or as a set in a completely separate issue of AAS.

The main purpose of ARPAS is to provide certification of professional status for qualified members of the registry, to strengthen the animal sciences among the professions, and to promote the animal sciences and the profession of animal scientists. Continual education is required of all certified professionals to keep abreast of rapidly changing technology in their fields. The journal of AAS provides highly relevant information for these registry professionals. It also serves a global need as an important source to communicate and exchange refereed science and applications among animal agriculture professionals, livestock producers, and animal scientists.

### Audience

The journal is a resource for research scientists, professional consultants, advisors, practitioners, extension educators, teachers, and students of the registry as well as all other individuals engaged in the animal sciences and production systems that serve mankind, and benefit domestic animals and the environment.

### Contact Information for Journal Staff

For information about the scientific content of the journal, contact the editor in chief, David K. Beede ([cowtrout@gmail.com](mailto:cowtrout@gmail.com) or [beede@msu.edu](mailto:beede@msu.edu)). For assistance with the peer-review site or copyright forms, contact Shauna Miller ([shaunam@assoqh.org](mailto:shaunam@assoqh.org)), editorial assis-

tant, ARPAS Headquarters Office, 1800 S. Oak St., Suite 100, Champaign, IL 61820.

For questions about manuscript preparation, journal style and form, and proofs, contact Christine Horger, lead technical editor, at [christineh@assoqh.org](mailto:christineh@assoqh.org) or [journals@assoqh.org](mailto:journals@assoqh.org).

For assistance with page charge forms, contact Brittany Morstatter at [brittanym@assoqh.org](mailto:brittanym@assoqh.org).

For other information, contact Laura Esterman, managing editor, ARPAS Headquarters Office; phone 217-239-3352; [laurae@assoqh.org](mailto:laurae@assoqh.org) or [journals@assoqh.org](mailto:journals@assoqh.org).

## Types of Articles, Science and Applications

### Types of Peer-Reviewed Articles

- Original Research
- Reviews and Invited Reviews
- Short Communications
- Technical Notes

### Other Types of Articles Published

- Letters to the Editor
- Perceptions and Commentaries

### Science and Applications

Articles in these scientific areas and applications of animal science and production are published in the journal as they apply for beef cattle, dairy cattle, horses, poultry, companion animals, swine and other species that benefit mankind with meat and milk, work (e.g., draught), recreation, ecosystem services, fuel, and material byproducts (e.g., hides, feathers and feed byproducts). Authors will select one of the following topic areas when submitting a manuscript for peer review.

- Extension and Teaching
- Food Science
- Forages and Feeds
- Genetics and Breeding
- Health
- Production and Management
- Nutrition
- Physiology
- Sustainability and Integrated Systems
- Welfare and Behavior

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tion on preparing your manuscript for submission, refer to Instructions for Authors: Manuscript Preparation.

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### **Original Materials**

Data (including graphs, figures, tables, and illustrations) must not have been published previously elsewhere except as abstracts, local or regional field day reports, extension letters, or non-peer-reviewed, noncopyrighted proceedings of conferences. Material submitted to AAS should not be submitted for publication to popular magazines, company advertisements, or organizational proceedings until the author has received notification of acceptance of the manuscript. Before manuscripts are submitted, authors should have them critically read and edited by others well-versed in the research. The research must be from adequately replicated experiment(s) with the appropriate experimental unit and with sufficient statistical power for sound analysis and interpretation. All authors must approve the manuscript before its submission to the journal for review.

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1. Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND
2. Drafting the work or revising it critically for important intellectual content; AND
3. Final approval of the version to be published; AND
4. Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

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### **Care and Use of Animals**

Authors must make it clear that experiments were conducted in a manner that avoided unnecessary discomfort to the animals by use of proper management and labora-

tory techniques. Authors must include in the Materials and Methods section a declaration that experimentation was conducted by policies and procedures approved by the institution's or organization's animal use and care committee. Experiments must be conducted in accordance with the principles and specific guidelines presented in the *Guide for the Care and Use of Agricultural Animals in Research and Teaching*, fourth edition, 2020 (<https://www.adsa.org/Publications/Guide-for-the-Care-and-Use-of-Animals>). Methods of killing experimental animals must be described in the text. In describing surgical procedures, the type and dosage of the anesthetic agent must be specified. The AAS editor in chief may refuse to publish manuscripts that are not compatible with these guidelines. If rejected solely on that basis, however, the manuscript may be resubmitted for reconsideration when accompanied by a written verification that a committee on animal care in research has approved the experimental design and procedures involved.

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*Applied Animal Science* requires that research involving human subjects (e.g., surveys, sensory panels, or other participation) complies with all appropriate laws, regulations, and policies governing the use of human subjects in research.

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