

We encourage all biology educators to write for *The American Biology Teacher*. The peer-reviewed journal includes articles for teachers at every level. The five general categories of articles are:

- Feature Article (up to 4000 words)
 - a. Summaries of research on teaching alternatives, including evaluation of new methods, cooperative learning, concept maps, learning contracts, investigative experiences, educational technology, simulations and games, and biology standards
 - b. Social and ethical implications of biology and how to teach them, sex education, aging and death, genetic engineering, energy, pollution, agriculture, population, health care, nutrition, sexuality, gender, and drugs
 - c. Reviews of recent scientific advances in biology or fields that influence biology
 - d. Imaginative views of the future and suggestions for coping with changes
- Research on Learning (up to 4000 words)

Reports of original classroom research on innovative teaching strategies, learning methods, or curriculum comparisons. Such studies should be based on a research question, along with a hypothesis, discussion of an appropriate design, and procedures, data, and analysis and inferences accompanied by limitations of the study and recommendations for improved learning.
- Inquiry and Investigation (up to 3000 words)

Novel and engaging laboratory or field activities that address national biology education standards, complete with concept explanation, materials needed, student instructions, student assessment, and teacher implementation suggestions.
- How-To-Do-It (up to 2000 words)

Suggestions for implementation of laboratory, field, or other inquiry-based classroom activities, including a title, rationale, objectives, materials,

appropriate safety precautions, engagement strategies, student and teacher procedures, and assessment.

- Quick Fix (up to 600 words)

A simple and quick biology activity, update of a laboratory or field procedure, special technique, motivational or teaching strategy to learn a specific concept.

Submission Guidelines

Submit all manuscripts electronically as a single document attached to an e-mail. We encourage manuscripts to be written in MS Word in Times New Roman and 12 pt font. On the first page, include the manuscript title and complete author data including e-mail, institution, position, mailing address, and phone. On the second and subsequent pages, include only the title, abstract (up to 100 words), a teaser sentence, five or six key words, and body of the manuscript. We will remove the first page before sending the remainder for review. You can use 1.5 line spacing throughout the manuscript. Please embed low-resolution images of tables, figures, drawings, figure captions, images, other graphics, and appendices in the document where they are intended to appear in print. **Additionally, transmit the appendices, high resolution art, and figure captions as individual files. Send all manuscripts to Bill Leonard, ABT Editor, at leonard@clemson.edu**

Editorial Procedures

- We direct communications only to the first author of multiple-authored articles.
- At least three individuals who have expertise in the respective content area will review each article. This is a blind review process in which reviewers do not know the names of the author(s). Authors should remove any identifying data from all but the first page of the submission.
- Although we attempt to make decisions on articles as soon as possible after receipt, this can take six to eight months. We will acknowledge receipt of all manuscripts and will notify authors of editorial decisions as soon as they are available.

- The Editor will submit accepted manuscripts to the Managing Editor and a copyeditor for editing that may involve making changes in style and content. However, the author is ultimately responsible for scientific and technical accuracy. Page proofs will be sent to authors for a final review before publication, at which time only minor changes can be made.
- Please have biographical information (e.g., full name, title, school/organization) and contact information (e.g., postal address, phone, fax, e-mail) on the first title page so we can send page proofs, a copyright release form, and reprint information before an article is published.

Writing and Style Guidelines

Use the *Chicago Manual of Style*, 15th Edition in regard to questions of punctuation, abbreviation, and style. List all references in alphabetical order on a separate page at the end of your manuscript. References must be complete and in ABT style. For reference, look at a past issue. Use first person and a friendly tone whenever appropriate. Use concise words to emphasize your point rather than gimmicks such as capitalization, underlining, italics, or boldface. Use the SI (metric) system for all weights and measures.

Note: If all authors are not members of NABT, there will be page charges of \$100 per journal page to be paid before publication.

The ABT frequently has issues that focus on a specific area of biology education. Future focus issues are published in most issues. We encourage potential authors to consider writing their manuscripts to align with future focus topics. Thank you for your interest in *The American Biology Teacher*. We look forward to seeing your manuscripts soon.

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Cheryl Merrill, Managing Editor,
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Guidelines for Preparing Artwork

Photographic images

- Photographic images must be digital files, saved or scanned in TIFF format, at a resolution of no less than 300 dpi at the final print size. The dimensions can be larger than the final print size, but not smaller. We recommend using an 8 MP or higher camera.
- Color photographic images must be saved in CMYK (not RGB) color mode.
- Do not attempt to adjust or resample the resolution of digital files.
- Include low-resolution images for the figures embedded in your manuscript. Also send the high-resolution images as separate e-mail attachments and a separate list of figure captions.

Line art images

- Line art (e.g., graphs, charts, diagrams) should be saved in EPS format at a resolution of at least 600 dpi.
- If your photographic image has text labels, it is considered line art. Please use a standard font (Times, Helvetica, Symbol, Courier) for lettering.
- Do not use line weights of less than 0.5 pt, otherwise the lines will drop out when printed.

Tables

- Tables must be typed in MS Word.

If you have any questions, contact Cheryl Merrill at cmerrill@nabt.org.

Requirements for Submitting Cover Photographs for *The American Biology Teacher*

We encourage submissions of cover photographs from all members of NABT. Covers are selected based on the quality of the image, originality, overall composition, and interest to life science educators. *ABT* has high standards for cover image requirements. Please follow the requirements listed below. If you have questions, contact Editor Bill Leonard at leonard@clemsun.edu.

1. We would like *ABT* cover images and their captions to be teachable moments that can be shared with students.
2. Images for covers need to be at least 300 dpi at 8.5" x 11.125".
3. When submitting digital cover images for review, include an original file that has not been edited or enhanced. See Photographic Images (left) for additional submission requirements.
4. Avoid cropping the subject too tightly. It is best to provide an area of background around the subject.
5. Craft a descriptive caption for your image that includes details of the shot (i.e., circumstances, time of day, location, type of camera, camera settings, etc.) and detailed biographical information. Captions can be up to 400 words.
6. Send cover image candidates to the Editor and include your name, home and e-mail address, and phone numbers where you can be reached.

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