The Ohio Academy of Science

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Understanding the world begins with curiosity and proceeds through steps leading ultimately to innovation. The Academy's mission — to empower curiosity, discovery and innovation, also follows these steps. Similarly, financial support for the Academy often follows a similar pattern. To recognize that support The Ohio Academy of Science has established the following giving clubs for annual gifts or three year pledges as follows:

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AUTHOR'S INSTRUCTIONS FOR PREPARATION OF MANUSCRIPTS FOR PUBLICATION IN THE OHIO JOURNAL OF SCIENCE

THE OHIO JOURNAL OF SCIENCE considers for publication submissions of the following nature:

1. Solicited Submissions - Book Reviews, Research Reviews.
2. Unsolicited Submissions - Brief Notes, Research Reports.

Solicited submissions will be requested by the editor or by a member of the editorial board. Book Reviews will be requested of individuals expert in the subject matter of the book to be reviewed. The approximate length will be 750 words, and the text will include a brief description of the subject matter addressed by the volume, its outstanding strong points, and any obvious weaknesses. Research Reviews will be requested to serve as extensive surveys of the literature of an area of science in which Academy members have an interest. In general, reviews will comprise five to ten printed pages. Organization and format of solicited material will be determined by the author(s) and the editorial staff.

Unsolicited submissions, in the form of presentations of quantitative or qualitative data pertinent to any of the sections of the Academy listed in the front cover, will be considered for peer review. Brief Notes are manuscripts which will not exceed two printed pages and which will contain no more than one piece of illustrative material (i.e., table, figure, or other illustrations). The editor will identify papers which meet these criteria as Brief Notes if not so categorized by authors. Research Reports are papers which will extend beyond two printed pages and which will contain two or more pieces of illustrative material. Regardless of the length of manuscript, unsolicited submissions should be organized according to the following format:

1. Page 1 - Title, Author(s), Affiliation(s), Abstract
2. Page 2 and the remainder - Body of the Paper in the order: Introduction, Materials and Methods, Results, Discussion, Acknowledgements, Literature Cited, Tables, Figure Legends, Figures.

STYLE. The general style of papers previously published by THE JOURNAL should be employed, and can be determined by reading recent issues of THE JOURNAL. Manuscripts should be typewritten with wide margins on 21.6 x 27.9 cm (8.5 x 11 in) paper, and be double-spaced throughout including the title and abstract. The only words or symbols to be underlined are scientific names. Spell out numbers one through nine and use Arabic numerals above nine. Each figure must have a complete legend even though the figure is not referred to in the text. Acceptable symbols and abbreviations for units of measurement should be used as given in the CBE Style Manual, 5th ed. (Council of Biology Editors, Inc., 9650 Rockville Pike, Bethesda, MD 20814). This volume is used as given in the book. Abbreviation of journal titles should be supplied by the author, and should follow the CBE Style Manual form. References in the text are of the form (Patterson et al., 1940) or (Patterson, 1940). If more than two authors appear, the form should be Patterson et al. (1940), with all authors listed in the Literature Cited section.

TABLES. Tables must be typed double-spaced, one table to a page, numbered consecutively, and placed in the manuscript after Literature Cited. Since tables must be individually typeset, consolidation of data into the smallest number of tables is encouraged. A horizontal double underline should be placed beneath the title of the table, and single underlines should be made beneath the table below the column headings and at the bottom of the table. Do not use vertical lines, and do not place horizontal lines in the interior of the table. Footnotes should be used to clarify possible questions within the table, and should be noted by asterisks, daggers, or other symbols to avoid confusion with numerical data. General style of tables can be seen in recent issued of THE JOURNAL.

FIGURE LEGENDS. Each figure must have a complete legend even though the material is described in the text. The legends should not be placed on the figure, but should be typed in order, double-spaced, on a separate sheet which precedes the figures in the manuscript. Figures should be referred to parenthetically in the text, for example (Fig. 1).

FIGURES. All illustrations are referred to as "figures," and must be numbered consecutively. Figures may be photographs, or hand- or computer-generated line drawings in black ink. For the sake of economy, closely related illustrations should be grouped and mounted close together on white cardboard for reproduction as a single unit; however, line drawings and photographs should not be grouped together or combined in a single figure. Each figure, or collection of figures in a plate, should be identified along the top edge with the name of the author(s) and figure number, and on the back with name of author(s) and manuscript title. Illustrations other than those generated by the author must bear permission for use and credit to the originator. ORIGINAL ART WORK WILL NOT BE RETURNED UNLESS SPECIFICALLY REQUESTED AT TIME OF SUBMISSION. THE AUTHOR MUST SUPPLY A STAMPED SELF-ADDRESSED ENVELOPE FOR RETURN. The size and proportions of each illustration or group of illustrations should be suitable for reduction to the width and length of the printed page (17.8 x 24.1 cm; 7 x 9.5 in). Care should be taken to minimize the space occupied by any figure, and excessive white space should be avoided. Line drawings should not exceed 20 x 25 cm (8 x 10 in). If carefully drawn, figures need be no more than 33% larger than the size desired in the finished figure, and should be done of a size to ensure that it can be read after reduction. On maps and other illustrations where original size is a concern, a graphic scale should be incorporated into the figure. Besides the original art work for each illustration, two photocopies of each should be submitted to avoid delay in the review process.

FOOTNOTES. Text footnotes should not be used with the following exceptions. A footnote to the title will be added editorially to state the dates of the original research or submission and publication. A footnote to any author(s) may be used to indicate a present address different from that at which the research was done, or to indicate the author to whom inquiries should be directed. All other material or comments must be incorporated into the text. In no case should literature citations be inserted as footnotes. They must be listed in the Literature Cited section. Footnotes to tables are permissible, and are encouraged to promote clarity.

Attention to the above instructions will minimize the need for revision and editorial correction, and will shorten the time from submission to publication. Any questions which are not answered by these instructions, by examining papers in recent issues of THE JOURNAL, or by the CBE Style Manual, 5th ed., should be addressed to the editor.
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OHIO SCIENCE SYMPOSIA
The Ohio Academy of Science
Cordially Invites...

... members and non-members and their employers including institutions of higher education, public and private schools, trade and professional associations, museums, corporations, State and Federal agencies and all who may be interested to consider organizing special symposia for the 102nd Annual Meeting. Unless special arrangements are made, these symposia shall be scheduled on Friday, April 30, 1993 at Youngstown State University. All symposia are subject to space limitations and peer review of topics, speakers and abstracts.

THE OHIO ACADEMY OF SCIENCE ENCOURAGES PARTICIPATION FROM ALL FIELDS OF INTEREST INCLUDING BUT NOT LIMITED TO:


As indicated below, The Ohio Academy of Science is interested in all areas of science, engineering and technology including science and mathematics education, issues of science/technology/society, ethics and values in science, and science policy. Of especial importance will be symposia focusing on traditional and emerging research and development strengths of Ohio and its institutions and corporations.

Symposia abstracts must be submitted on the Academy's standard abstract forms and are due by December 7, 1992. Abstracts of accepted symposia will be published in the April Program Abstracts issue of The Ohio Journal of Science.

Persons interested in suggesting topics or in organizing symposia should write or call The Ohio Academy of Science, P.O. Box 12507, Columbus, OH 43212. Phone or FAX (614) 488-2228. Please contact the Academy by November 15, 1992 to assure submission of abstracts by December 7, 1992.