

INDIANA ACADEMY OF SCIENCE  
CONSTITUTION AND BY-LAWS

Adopted at the Fall Meeting, 1985

Article I. Name, Purposes and Official Publication

Sec. 1. The Indiana Academy of Science (herein referred to as **The Academy**) is organized under the law of the State of Indiana as a non-profit corporation devoted to scientific and educational purposes.

Sec. 2. The objectives of The Academy shall be to promote scientific research and the diffusion of scientific information; to encourage communication and cooperation among scientists, especially in Indiana; to prepare for publication such reports of investigation and discussion as may further the aims and objectives of The Academy as set forth in these articles; and to improve education in the sciences.

Sec. 3. Inasmuch as the State makes an annual appropriation to assist in publication, The Academy shall, upon request of appropriate state officials, act as an advisory body in the direction and execution of any investigation consistent with its objectives. The Academy shall assume no responsibility for expenses incurred except as provided in its annual budget or previously approved by the Council.

Sec. 4. The official publication of The Academy, known as the **Proceedings of The Indiana Academy of Science**, insofar as it is published by the State, shall become a public document and shall be circulated by the Indiana State Library as agreed upon by the Library and the Committee on Relation of The Academy to the State.

Article II. Membership

Sec. 1. **General Qualifications.** Any person or group interested in any aspect of science and in accord with the objectives of The Academy may apply for an appropriate class of membership.

Sec. 2. **Admission to Membership.** Except as election procedures are specified below, qualified persons, clubs, corporations or institutions may submit applications to the Treasurer for any of the classes of membership. After consultation with the Membership Committee, the Treasurer may declare these applicants members of The Academy.

Sec. 3. **Classes of Membership.** In addition to the primary class of membership, The Academy may specify various other classes of membership suitable to certain groups or individuals. A list of these may be found in the By-Laws.

Sec. 4. The privileges and obligations of members of each class shall be determined by the Council.

Article III. Officers

Sec. 1. The officers of The Academy shall be: President, President-Elect, Secretary, Treasurer, Editor, and Director of Public Relations.

Sec. 2. The term of office of the President and President-Elect shall be one year. They shall not be eligible for re-election. The terms of the other officers shall be three years, and they may be re-elected. Each officer shall continue to hold office until a successor has been duly elected and qualified.

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Note:

Changes in Article III, Sec. 7 of the Constitution and the addition of Sec. 3 to Article V of the By-Laws were adopted at the fall meeting, 1986.

Sec. 3. **Election of Officers.** Officers shall be elected at the annual fall meeting and assume their duties on January 1 of the following year. The Committee on Nominations shall submit to The Academy nominations for the offices at that time becoming vacant. Additional nominations may be made from the floor. Election shall be by majority vote of the members present and voting.

Sec. 4. **President.** The President shall have been a member of The Academy for at least five years. The President shall preside over all meetings of The Academy, the Executive Committee, the Budget Committee, and the Council; supervise and be responsible for the administration of the business of The Academy; appoint committees as deemed necessary; and, with the approval of the Executive Committee, call such special meetings as deemed necessary.

Sec. 5. **President-Elect.** The President-Elect shall have been a member of The Academy for at least four years and shall accede to the presidency the following year. The President-Elect shall have the status ordinarily accorded to a vice-president, become familiar with duties of the President, and chair the Membership Committee.

Sec. 6. **Secretary.** The Secretary shall have been a member of The Academy for at least three years. The Secretary shall serve as secretary of all meetings of The Academy, the Executive Committee, the Budget Committee, and the Council; keep permanent records of the activities of these bodies; maintain a correct and up-to-date list of members in good standing and be prepared at all times to provide membership lists for officers and committees.

Sec. 7. **Treasurer.** The Treasurer shall have been a member of The Academy for at least three years. The Treasurer shall have custody of all funds of The Academy except as otherwise provided, issue statements, receive payment of dues and assessments and pay bills chargeable to The Academy; sign contracts on behalf of The Academy as authorized by the Executive Committee; promptly submit The Academy's financial records for audit and report to the Council annually on the financial standing of The Academy; and be responsible for filing such financial reports as may be required by state and federal offices.

Sec. 8. **Editor.** The Editor of the **Proceedings** of The Academy shall have been a member of The Academy for at least three years and be familiar with the procedures of publication. With the advice of the Publications Committee, the Editor shall chair the Editorial Board and have charge of assembling, editing, and publishing the **Proceedings**. The Editor shall recommend to the President several qualified members of The Academy for appointment to an Editorial Board to assist the Editor by reviewing manuscripts for selection for publication in the **Proceedings**.

Sec. 9. **Director of Public Relations.** The Director of Public Relations shall edit, prepare and publish the Newsletter of The Academy and chair the Public Relations Committee.

Sec. 10. **Vacancies.** Except as otherwise provided, a vacancy occurring in any office shall be filled for the remainder of that term by appointment by the President, with the approval of the Executive Committee. In case of a vacancy in the office of President, the President-Elect shall immediately accede to that office. An appointed President-Elect shall not automatically accede to the Presidency in the following year.

#### Article IV. Sectional Organization

Sec. 1. Sections, defined by discipline, may be established by the Council when such action is requested. A Section, on becoming inactive or with the consent of the members of the Section, may be dissolved by the Council. Sections which are currently established are listed in the By-Laws.

Sec. 2. A member of The Academy may register as a member of any section or sections by notifying the Secretary of The Academy and meeting the requirements and obligations imposed by the Section.

Sec. 3. Each Section shall have a chair to preside at its meetings and to serve as a member of the Council at spring and fall meetings. There shall be a vice-chair to act in place of the chair when necessary. At the annual meeting, each Section shall elect a chair and vice-chair for the following year.

Sec. 4. Expenses incurred by a Section shall in no way become a financial obligation of The Academy except as authorized in the annual budget of The Academy.

#### Article V. Committees

Sec. 1. **Elected Committees.** The following are recognized as **de facto** elected standing committees. Vacancies, as they occur in the rotating membership, shall be filled for the remainder of the term at the annual meeting from nominations presented by the Committee on Nominations. The President shall designate one member of each committee as chair.

(1) **Academy Foundation Committee.** The trustees of The Academy Foundation shall consist of three members, elected for rotating three-year terms, plus the Treasurer as an **ex officio** member without vote. They shall have custody of the funds and investments of The Academy Foundation and shall report, annually or on demand, to the Council on the state of these resources.

(2) **Bonding Committee.** The Bonding Committee shall consist of two members, elected for four-year rotating terms. They shall be responsible for the adequate bonding of all officers and committees having charge of funds or investments of The Academy.

(3) **Research Grants Committee.** The Research Grants Committee shall consist of five members, elected for five-year rotating terms, with the Secretary as an **ex officio** member. They shall receive applications and make research grants from funds designated by The Academy for that purpose. This committee shall report annually to the Council.

Sec. 2. **Standing Committees.** Members of the standing committees described in the By-Laws shall be appointed by the President, to serve for one year, except as rotation is provided. The President shall designate one member of each committee as chair, and these committees shall be announced at the beginning of the President's term of office, unless otherwise provided. All committee members shall be Academy members in good standing.

#### Article VI. Council, Executive Committee and Budget Committee

Sec. 1. The **Council** shall consist of the past presidents, the current officers, the chairs of the Sections, the chairs of all committees, the directors of the programs of the Youth Activities Committee, and representatives of affiliated organizations. The Council shall be responsible for all matters of policy and shall supervise all activities of The Academy not expressly provided for otherwise.

Sec. 2. The Council shall hold regular meetings preceding the fall and spring meeting of The Academy. The members of the Council present at any meeting shall constitute a quorum, provided that notice of the meeting has been given at least 15 days in advance of the meeting.

Sec. 3. The **Executive Committee** of The Academy shall consist of the current officers and the immediate past president. The Executive Committee shall transact all emergency business of The Academy. The President may call the Executive Committee into session at any time, or may submit specific questions to the Committee by cor-

respondence at any time. The Executive Committee may invite committee chairs or other Academy members to meet with it at any time.

Sec. 4. The **Budget Committee** of The Academy shall consist of the following who will hold the specified positions for the next calendar year: the Executive Committee, the retiring Secretary and Treasurer (in the year in which these officers change), the Director of the Junior Academy of Science, chairs of the Program Committee, Library Committee, Youth Activities Committee, Academy Foundation Committee, Publications Committee, Science and Society Committee, and Research Grants Committee. Others may be present by invitation. The Budget Committee shall meet by December 15th each year to establish the operating budget and to allocate trust income for the following year. Revisions of the budget or allocations of trust income may be made by the Budget Committee at the spring or fall meeting.

#### Article VII. Meetings

Sec. 1. The Academy shall hold two regular meetings each year, one to be known as the annual (or fall) meeting and one to be known as the spring meeting. The place of the annual meeting shall be determined by the Council on recommendation of the Committee on Invitations. The exact times of both meetings and the place of the spring meeting shall be determined by the Program Committee in consultation with the Executive Committee. Any special meeting (symposia, etc.) to be held in conjunction with the meetings shall be scheduled and coordinated with the Program Committee and with the approval of the Executive Committee.

#### Article VIII. Amendments

Sec. 1. This constitution may be amended at any annual meeting of The Academy by affirmative vote of three-fourths of the members in attendance and voting, provided that the amendment has been submitted to the membership at the previous regular meeting, or by mail, at least 30 days prior to the date on which the amendment is presented for adoption and that it has been approved by the Council.

#### Article IX. Adoption and Continuance of Powers

Sec. 1. This constitution may be adopted by affirmative vote of three-fourths of the members of The Academy present and voting at any annual meeting, provided that it has been approved by majority vote of the Executive Committee of that body and has been presented to the membership by mail at least 30 days prior to the date on which it is presented for adoption.

Sec. 2. All actions taken by The Academy previous to adoption of this constitution, and not in conflict with it, are hereby specifically confirmed until changed by formal action under the provisions of this constitution.

## BY-LAWS

## Article I. Classes of Membership and Specific Qualifications

Sec. 1. Categories of membership are:

- (1) **Member.** A person holding the primary class of membership.
- (2) **Student Member.** A graduate or undergraduate college or university student or a pre-college student. The tenure of this membership shall be limited to five years.
- (3) **Associate Member.** A person who desires limited membership. Such persons shall neither hold office nor automatically receive publications.
- (4) **Sustaining Member.** A person who pays substantially higher dues as determined by The Academy.
- (5) **Life Member.** A member in good standing who makes a substantial single payment of dues as determined by The Academy.
- (6) **Honorary Member.** A person with exceptional qualifications elected by the majority of members voting at any annual or spring meeting of the Academy.
- (7) **Emeritus Member.** A member who is 65 years of age or over, is retired and has been a member of the Academy for 25 years or more. Petitions for Emeritus Membership must be approved by the Emeritus Member Selection Committee and a majority of the members voting at any annual or spring meeting of the Academy.
- (8) **Club Members.** A junior or senior high school student group recommended by the Director of the Junior Academy of Science. The club sponsor must be a member of the Academy in good standing.
- (9) **Corporate Member.** A corporation organized and operating for profit in Indiana.
- (10) **Institutional Member.** A college, university or non-profit organization in Indiana.
- (11) **Fellow.** A member with recognized standing as a scientist, who has contributed to the objectives of The Academy, been recommended by two-thirds of the Committee on Fellows, and been approved by a majority of the members voting at any spring or annual meeting. The title is awarded as an honor and is independent of the class of membership.

## Article II. Dues and Privileges

Sec. 1. Dues for the various classes of membership shall be determined annually by the Council. Annual dues are based upon the calendar year.

Sec. 2. A student discount in the amount of 50% of the annual dues for an associate member will be awarded to student members certified to be eligible for this discount. The student discount is limited to a maximum of five years.

Sec. 3. Advance payment of annual dues, beyond the current year, may be made at the existent rate for a period not to exceed three years, or in the case of students only through the calendar year in which studies should normally be completed, whichever occurs first.

Sec. 4. Annual dues billings shall be made by the Treasurer prior to the spring meeting. Delinquent members shall be billed again prior to the annual meeting. Members delinquent on December 20th shall be sent a third dues billing before December 31st, and if still delinquent on January 31st, shall be dropped from the membership rolls. A former member, dropped for lack of dues payment, may be reinstated by payment of dues for the year in which he or she wishes to resume membership.

Sec. 5. Each member, as well as each sustaining, life, honorary, emeritus, club, corporate, or institutional member, is entitled to one copy of the **Proceedings** of the meeting for the year in which they pay dues, and any other publication of The Academy

distributed to the membership of The Academy that are published in the year that dues have been paid.

#### Article III. Registration Fees for Meetings

Sec. 1. Registration fees for meetings of The Academy shall be determined by the Budget Committee.

Sec. 2. Honorary, emeritus, student and life members shall be exempt from registration fees.

Sec. 3. Registration fees may be collected by the host institution, but must be transmitted to the Treasurer of The Academy for disbursement.

#### Article IV. Bonding

Sec. 1. On recommendation of the Bonding Committee, the Council shall determine the amounts for which officers or committees having responsibility for the custody of funds or investments of The Academy shall be bonded.

#### Article V. Appropriations and Expenditures

Sec. 1. Major appropriations and other budgeted items are approved by the Budget Committee. Other appropriations may be authorized by a majority vote of the Council. Changes in the budget may be approved by the Executive Committee.

Sec. 2. The Treasurer is authorized to issue checks in payment of bills submitted by officers or committees for which provision has been made in the budget for that year or which have been approved by the Council. Payment of amounts in excess of the line item in the budget must have been approved by the Executive Committee. Transfers from one line item or account in the budget to another must have been approved by the Executive Committee.

Sec. 3. Income from The Academy trust funds is to be used primarily for the support of research by members of The Academy, including publication of research reports, monographs, and administrative expenses associated with these activities. Allocations of trust income are made by the Budget Committee. Commitment to publish a monograph or other research work requires approval by the Publications Committee and allocation of adequate funds by the Budget Committee; contracts must have approval of the Executive Committee prior to signing. All or any part of the income for any given year may be applied to any purpose other than research with the recommendation of the Executive Committee and the consent of both the Research Grants Committee and the Academy Foundation Committee, and approval of the Council. A majority of the members present and voting at the annual meeting of The Academy also must give approval.

#### Article VI. Committees

Sec. 1. The operation of committees shall be conducted by correspondence as far as practicable, but meetings may be called by the chair. Except as otherwise provided, each committee shall determine its own policies and operational procedures.

Sec. 2. The President and President-Elect shall be members *ex officio* of all committees.

##### Sec. 3. List of Appointed Standing Committees

(1) **Academy Representative on the Council of the American Association for the Advancement of Science.** This person shall be named each year in advance of the meeting of the American Association for the Advancement of Science.

(2) **Academy Representative on the Indiana Natural Resources Commission.** The

President of the Indiana Academy of Science, or a delegate, shall serve as an *ex officio* member of the Indiana Natural Resources Commission (Indiana Code 14.3.3.3 (1972, 1982)).

(3) **Archivist.** This person may be appointed for an indefinite term, and shall collect, organize and maintain the archives of The Academy.

(4) **Auditing Committee.** The Auditing Committee shall audit the books of the Treasurer and of any other officers or committees having custody of funds of The Academy. It shall report such audits at the annual meeting or at other times as required by the Council.

(5) **Biological Survey Committee.** The Biological Survey Committee shall consist of up to ten members including botanists and zoologists who are active in taxonomic and distributional field studies of the flora and fauna of Indiana. The Committee shall encourage such work and shall compile such bibliographies as are relevant to the study of the flora and fauna of Indiana.

(6) **Committee on the Preservation of Natural Areas.** The Committee on the Preservation of Natural Areas shall consist of nine members appointed for three-year rotating terms from the fields of botany, geology-geography, and zoology, and with as wide a geographic distribution in the State as practicable. This committee shall serve as a channel through which suggestions made by members as to the conservation and preservation of natural areas may be referred to the Council in the form of recommendations.

(7) **Committee on the Relation of the Academy to the State.** This committee shall be responsible for all legal and financial relations of The Academy to the State of Indiana.

(8) **Editorial Board for the Proceedings.** The Editorial Board shall consist of members selected in consultation with the Chair of the Publications Committee and the Editor. The term of each board member shall be 3 years, concurrent with the term of office of the Editor. Board members may be reappointed for additional terms. Editorial Board members will be selected for their knowledge of particular fields of science so that the total board may constitute a broad spectrum of scientific expertise. The function of the Editorial Board shall be to assist and advise the Editor in editing and publishing the **Proceedings of the Indiana Academy of Science**. The Board will assist the Editor in reading, selecting and refining papers submitted for publication.

(9) **Emeritus Member Selection Committee.** The Emeritus Member Selection Committee shall receive petitions for emeritus membership status and recommend those eligible for this membership status to the Council.

(10) **Fellows Committee.** The Committee on Fellows shall be composed of Fellows representing the diverse disciplines, serving three year terms, with some rotation in the terms of the members of the committee. This committee shall present to the Council recommendations for any members to be honored by election to the status of Fellow.

(11) **Invitations Committee.** The Invitations Committee shall receive and solicit invitations from institutions which offer their facilities and services as hosts for meetings of The Academy and shall make recommendations to the Council as to places for future meetings. There should be a clear understanding about the needs of The Academy and financial arrangements with the prospective host institution before any invitation is finalized by The Academy. The Executive Committee should be apprised of any issues in the course of such deliberations with the prospective host institution.

(12) **Library Committee.** The Library Committee shall have charge of all matters concerning the John Shepard Wright Memorial Library and its relation to the State Library.

(13) **Membership Committee.** The Membership Committee shall promote and encourage membership in The Academy. The President-Elect each year shall serve as the committee chair and the Treasurer shall serve as an *ex officio* member.

(14) **Necrologist.** The Necrologist shall report annually on the loss of members by death and shall offer memorial resolutions.

(15) **Nominations Committee.** The Nominations Committee shall consist of at least three members selected from past presidents of The Academy. At the annual meeting, it shall submit nominations for the officers of The Academy and for members of the elected committees.

(16) **Parliamentarian.** In addition to the performance of the regular duties of this office, the Parliamentarian shall make services available, in an advisory capacity, for the formulation of proposed amendments to the Constitution and By-Laws and shall keep these documents up to date by incorporating in them all amendments adopted by The Academy. The Parliamentarian shall serve as Chair of the Committee on Amendments. (Passed by Council, April 25, 1986)

(17) **Program Committee.** The Program Committee shall consist of persons from the host institution. This committee shall prepare the program, including printing and distribution, and make all arrangements for regular and special meetings of The Academy and its various Sections. Any symposium or other special program shall be approved by the Executive Committee of The Academy.

(18) **Publications Committee.** The Publications Committee shall publish the **Proceedings** of The Academy, the monographs, and other special publications authorized by The Academy. It shall advise the Editor on matters pertaining to the publication of the **Proceedings**, except the selection and editing of papers to be published in the **Proceedings** (see Editorial Board). The Editor of the **Proceedings** shall be a member of the Publications Committee, but shall not serve as its chair.

(19) **Public Relations Committee.** The Public Relations Committee shall provide to the media and the membership notices of meetings and any other information which will acquaint the public with the work of The Academy.

(20) **Research Fellowship Committee.** The Research Fellowship Committee shall select secondary school teachers from among the membership of The Academy to receive fellowships for summer research.

(21) **Resolutions Committee.** The Committee on Resolutions shall prepare and submit resolutions at meetings of The Academy.

(22) **Science and Society Committee.** The Science and Society Committee shall consist of nine to twelve members of The Academy, including representatives of industry, serving staggered three-year terms. This Committee may maintain a permanent office with a Director and supporting personnel, and is authorized to solicit financial support for its work from foundations or other sources.

This committee shall bring to the attention of the Governor and General Assembly of Indiana the nature and activities of The Academy, indicating that its State Charter and its continued support from the State place upon it the obligation to serve the State in every way possible; to develop procedures for disseminating scientific information and offering scientific advice to citizens of the State through the establishment of a Speaker's Bureau and the use of the various news media; and to mobilize the membership of The Academy in support of these efforts.

(23) **Speaker-of-the-Year Selection Committee.** This committee shall select a special lecturer from among the membership of The Academy who will deliver a lecture to the annual meeting of The Academy and to four or five colleges in the State of Indiana during that academic year. The appointment shall be made and the name communicated to the appropriate officers of The Academy by June 1st each year.



This program will be supported by The Academy through a special honorarium to the speaker.

(24) **Youth Activities Committee.** The Youth Activities Committee shall consist of twelve members, including the directors of the various youth activities related to The Academy, representing diverse scientific backgrounds and colleges, universities, and secondary schools. The duties of the committee shall be to coordinate Academy sponsored programs in science for middle and secondary schools, to formulate general policies for such activities for which The Academy has accepted some responsibility, and to advise the President on the appointment of persons to lead such activities.

(25) **Committee on Amendments.** This committee shall consist of three members, with Parliamentarian as Chair. It shall be responsible for all amendments to the Constitution and By-Laws. It shall receive all recommended amendments and review them in terms of their effect on the present Constitution or By-Laws, including conflicting language and impact on Articles and Sections other than those being amended. In case of any such conflict, the Committee on Amendments may revise the language to bring it to agreement with the present Constitution, and, with the consent of the proposer, present it at the next regular meeting of the Council, or it may be returned to the proposer with suggestions for revision. In no case may an amendment to the Constitution or By-Laws be presented for approval by the Council without being first reviewed by the Committee on Amendments. Each proposed amendment must be accompanied by a review statement by the Committee on Amendments. (Passed by Council, April 25, 1986)

Sec. 4. Other standing committees may be appointed by the President, with the approval of the Executive Committee, or by the Council.

#### Article VII. Youth Activities

Sec. 1. The Youth Activities Committee shall advise the President of The Academy on policies agreed upon by its authorized representatives concerning any program for secondary school students for which The Academy has assumed any degree of sponsorship. These programs are The Indiana Science Talent Search, The Indiana Science Fairs, The Indiana Junior Academy of Science, Student Research Grants, and Science Olympiad.

Sec. 2. Each of these programs shall have a Director and an Advisory Committee, appointed by the President of The Academy, on advice of the Youth Activities Committee. The Director of each program shall report to the Council of The Academy and to the Youth Activities Committee at the annual meeting of The Academy.

Sec. 3. The Advisory Committee of the Junior Academy shall be called the Junior Academy Council. All members of the Junior Academy Council shall be members of The Academy. At least four of these members shall have been science club sponsors for at least three years. Each member of the Junior Academy Council shall serve for five years, and the terms shall be staggered. The Junior Academy Council shall include representatives from as many geographical regions of the State as possible. It shall administer the program of the Junior Academy and shall work cooperatively with the Youth Activities Committee in determining policies and in appointment of new Council members. The Junior Academy Council shall designate one of its members as Director of the Junior Academy of Science.

Sec. 4. The financial support and working policies of the various youth activities shall be the responsibility of their respective directors and advisory committees, with the assistance of the Youth Activities Committee. No financial obligation shall be incurred in the name of The Academy except as specifically provided in the annual budget of The Academy.

#### Article VIII. List of Authorized Sections

Sec. 1. The approved Sections of The Academy are: Anthropology, Botany, Cell Biology, Chemistry, Ecology, Engineering, Entomology, Environmental Quality, Geology and Geography, History of Science, Microbiology and Molecular Biology, Physics and Astronomy, Plant Taxonomy, Psychology, Science Education, Soil and Atmospheric Sciences, and Zoology.

#### Article IX. Affiliated Organizations

Sec. 1. The Academy may, by act of the Council, offer its services to any other organization whose objectives are similar to those of The Academy and which may petition to be affiliated with The Academy.

Sec. 2. The Academy shall not be held responsible for any expenses incurred by any affiliated organization beyond those specifically provided for in the annual budget of The Academy.

#### Article X. Quorum

Sec. 1. Twenty-five members in good standing shall constitute a quorum for the transaction of business in any regular meeting of The Academy or in any special meeting, providing notice of the time, place, and purposes of the meeting has been given to the membership by mail at least 30 days in advance.

#### Article XI. Rules of Procedure

Sec. 1. The conduct of meetings of The Academy and of the Council shall be governed by Robert's Rules of Order.

#### Article XII. Amendment

Sec. 1. These By-Laws may be amended by the Council at any spring or fall meeting of The Academy, provided that notice of the proposed amendment has been given to the Council at a previous meeting of The Academy, or by mail, at least 15 days in advance of the meeting.

Sec. 2. No amendment, either to the Constitution or By-Laws, may be submitted to the Council for approval unless certified by the Committee on Amendments that the language is not in conflict with other Articles of the Constitution and By-Laws. (Passed by Council, April 25, 1986)

#### Article XIII. General Provisions

Sec. 1. Notwithstanding any provision of this Constitution or these By-Laws which might be susceptible to a contrary construction:

(1) The Academy shall be organized and operated exclusively on a non-profit basis for scientific and educational purposes;

(2) No part of the net earnings or other resources of The Academy shall or may under any circumstances inure to the benefit of any private shareholder or individual;

(3) No substantial part of the activities of The Academy shall consist of carrying on propaganda or otherwise attempting to influence legislation;

(4) The Academy shall not participate, by publication or circulation of statements or other intervention, in any political campaign on behalf of any candidate for public office; and

(5) The Academy shall not:

- (a) lend any part of its income or corpus without the receipt of adequate security and a reasonable rate of interest to:
- (b) pay any compensation, in excess of a reasonable allowance for salaries or other compensation for personal services actually rendered to:
- (c) make any part of its services available on a preferential basis to:
- (d) make any substantial purchase of securities or other property, for more than adequate consideration in money or money's worth to:
- (e) sell any substantial part of its securities or other property, for less than an adequate consideration in money or money's worth to: or
- (f) engage in any other transaction which results in a substantial diversion of its income or corpus to:  
a person who has made a substantial contribution to The Academy.

#### Article XIV. Distribution on Dissolution

Sec. 1. Upon dissolution of The Academy, its assets shall be distributed by the Council to one or more organizations qualifying under Section 501(c)(3) or Section 501(c)(6) of the Internal Revenue Code of 1954.



## INSTRUCTIONS FOR CONTRIBUTORS

### Eligibility

Indiana Academy of Science members in good standing are eligible to submit papers for publication in the *Proceedings*. When a paper is signed by more than one author, at least one must be a member of the Academy. Preferably, eligibility should be established before submitting the paper, as such papers are given priority. In any case, all authors must be certified by the Treasurer for payment of dues and/or old reprint bills at the time of the deadline. Invited papers may be considered for publication regardless of the membership status of the author. If authors are unable to attend the fall meeting, papers read by title by the Section Chair also may be considered for publication.

All papers submitted for publication in full will be reviewed by qualified reviewers (Editorial Board) selected by the Publications Committee. The acceptance of papers for the *Proceedings* is the responsibility of the Publications Committee. Among papers of primarily regional interest, e.g., certain aspects of botany, zoology, geology, geography, and anthropology, those dealing with Indiana material will be accorded preference.

### Abstracts

Three copies of an abstract should be submitted to the Section Chair at the time the title of a paper is submitted for the fall program. All abstracts are acceptable for publication in the *Proceedings* if the paper has been presented at the fall meeting. Two copies of the abstract should be marked "for the editor." The third copy of the abstract should be marked "for the section chair." It may include information about time, projection facilities needed, etc. The abstract must be prepared on the "Standard Abstract Form" available from either the Section Chair or the Academy Secretary. The abstract should be complete, clear in itself and fit within the borders of the prescribed form.

### Deadline at the Editorial Office

Whether sent by the Section Chair as prescribed, or directly to the Editorial Office, all material to be considered for publication in the *Proceedings* must reach the editor by December 1st. This deadline is necessary to comply with the State deadlines for contracts to insure that the publication process remains on schedule.

### Preparation of Manuscripts

- A. Refer to the latest copy of the *Proceedings* for the accepted style of abstracts and papers, and follow this, especially in literature, citations, headings, footnotes, table and figure construction.
- B. Type on 11 x 8½-inch bond paper with a new ribbon, leaving some margin. Double space everything, including title, author's name, department and institution, footnotes, quotations, legends and literature list. Manuscripts must be submitted in triplicate. The original will become the printer's copy; if it must be retyped, it will be sent back to the author. Computer prints must be letter quality.
- C. Footnotes are to be kept to a minimum. Necessary footnotes are numbered consecutively throughout, and referred to in the text as superscripts, without parentheses.
- D. Literature citations are listed alphabetically at the end of the paper, headed Literature Cited. List complete literature citations, i.e., author, date, title, journal, (or publisher, and city) volume and total pages. The highly abbreviated form used in some journals has not been adopted for the *Proceedings*. Follow these models:
  7. Doe, J.B., and R.C. Roe. 1949. New light from old radioactive carbon. *J. Amer. Biol. Soc.* 34:278-305.
  8. Milazzo, G. 1963. *Electrochemistry*. Elsevier Publ. Co., New York, NY. 708 p. References cited should be numbered consecutively (in the alphabetized list) and should be referred to in the text by number in parentheses on the line of type and before the period if at the end of a sentence.
- E. Do not underline anything except scientific names, words to be italicized, and titles of books when they appear in the text only, not in literature list.
- F. All literature listed, tables and illustrations, must be referred to in the text.
- G. Tables, which are costly to print, should be reduced to a minimum. Avoid small tables, scattered through the text. Each table (including heading) shall be typed on a separate letter-sized sheet and placed at the end of the paper. Outsize tables cannot be accepted.
- H. Photographs should be printed on glossy paper and have good contrast. It is best to mount them trimmed to fit tightly together at the edges in groups, on stiff cardboard with rubber cement. Proportion the group for a full page of the

*Proceedings*, or use the full width of the paper (4 1/8") and any part of the page's height. All figure captions should be on a single letter-size sheet, numbered to correspond and placed at end of paper.

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