

I. DESCRIPTION OF THE AWARD

Winona Welch was a bryologist of international stature at DePauw University. She authored *Mosses of Indiana* which was published in 1957. Winona Welch was a member of the Academy for many decades and served as the first female President of the organization in 1940. She retired from DePauw in 1961 and died in 1990 bequeathing a monetary gift to the Academy. These funds were soon after used to establish the Winona Welch Award. This award supports biodiversity research such as surveys and systematics of plants and their allies including algae and fungi. One or multiple awards totaling up to \$2500.00 will be made each year for worthy proposals. Proposals are due March 15; announcement of the award will be made about April 10. Recipients must submit a final written report and make a presentation at the annual meeting of the Academy the following year. All recipients are encouraged to submit a manuscript for publication to the *Proceedings of the Indiana Academy of Science*.

II. ELIGIBILITY

Any Academy member in good standing during the preceding year and at the time of the application who is either employed at a not-for-profit organization or enrolled in an accredited baccalaureate or graduate program may apply for this research grant. Awards will be made to the organization, not to an individual. Therefore, each application must have affixed the signature of the official within the applicant organization who has the authority to approve the request (e.g., College or University Research Officer, Academic Officer of Treasurer; School Superintendent)

III. APPLICATION PROCEDURE

The proposal should be formatted with 10–12 point font, be single-spaced, and have one inch margins. Submit the proposal by email to the Chair of the Biodiversity and Natural Areas Committee, Indiana Academy of Science (see <http://www.indianaacademyofscience.org>).

Each research proposal should be brief but complete and must include the following information arranged in the order given below: •

- A completed WINONA WELCH AWARD APPLICATION INFORMATION FORM. It may be filled in electronically or be printed, completed by hand in black ink and neat script, and scanned.
- A COVER PAGE giving the name, mailing and e-mail addresses, and affiliation of the investigator and of the faculty sponsor where appropriate, together with a descriptive title for the proposed project. The cover page should also include the date of submission, the funds requested, and the name and signature of the person authorized to make grant-related commitments on behalf of the applicant organization. Finally, also list the name and address of the institutional official to whom the check should be sent.

III. APPLICATION PROCEDURE (continued)

- An ABSTRACT of approximately 300 words.
- A NARRATIVE DESCRIPTION (limited to five pages) of the problem to be investigated, including a justification for the proposed study. Included in this section should be a statement of the research objectives, the scope of the problem, a subject review citing any published relevant literature, the approach to be used, the investigator's qualifications, and an estimate of when the results will be submitted for publication. • The PROJECT BUDGET may include supplies and expendable items, expenses such as travel, and wages and salaries for students or technicians. Only in unusual and justified cases will grants be made for the purchase of equipment. Applicants should note any efforts made to obtain research support from other sources. • If a request for renewal (new/expanded work on a project previously funded with a Welch Award), a PROGRESS REPORT that includes justification for the request as well as evidence of efforts to find other sources of support. Note that the present grant application may be abbreviated by reference to the original application, though please understand that the committee has a revolving membership and some of the members may not be familiar with the original project.

IV. GENERAL POLICIES

Awards are issued as checks payable to the applicant institution and/or school and not to individual investigators.

Grants will not be approved that request or require support for attending meetings, publication costs, institutional administrative or indirect/overhead costs, stipends for salaried investigators, or computer time.

Grants will normally be made for investigative periods of one year beginning on the date of the award letter. A final report covering the scientific accomplishments is due within six months after the project closing date; the report should be sent to the Chair of the Biodiversity and Natural Areas Committee. A required form needed to guide this report is available on our website. A final budgetary accounting of grant funds by the applicant organization should be attached to this form and unexpended funds are to be returned to the Academy Treasurer.

Requests for extension, without additional funds, of the period of investigation for active projects supported by current grants may be considered by the Biodiversity and Natural Areas Committee. Any such request should have the signature of the applicant organization's authorized approved official. Requests for extension of time should be limited to six months or less, although requests for longer extensions may be considered in exceptional circumstances.

An oral presentation of research results at annual meetings of the Academy is required. Additionally, it is expected that publications resulting from projects supported by Indiana Academy of Science funds will acknowledge the Academy's support.

IV. EVALUATION CRITERIA

In reviewing proposals for possible support, the Biodiversity and Natural Areas Committee will consider the following criteria:

- The information specified in the Application Procedure section must be provided.
- The research proposal must be of scientific merit. It is the proposer's obligation to explain the significance of the proposed project for furthering understanding of the flora of the state.
- The proposed investigator must be appropriately qualified by virtue of training or research experience.
- The approach to be used must be clearly explained and appropriate to the problem. The proposal should include assurances that essential apparatus not requested is available.
- Budget requests for travel should include estimates of actual expenses related specifically to the project. In general, use of personal vehicles will be reimbursed at the government standard mileage rate, and necessary use of commercial or institutional vehicles will be reimbursed at the rate charged to the investigator. Modest requests for room and board costs for travel in transit may be requested but should not be a large proportion of the request.

VI. APPLICATION DEADLINE and CONTACT INFORMATION

Applications for the Winona Welch Award for Botanical Biodiversity Research must be received by the chair of the Biodiversity and Natural Areas Committee on or before March 15 of each year. Notification of awards and unsuccessful applications will normally be made by April 10 of each year.

The application should be emailed to (and inquiries directed to):
Biodiversity and Natural Areas Committee,
bnac@indianaacademyofscience.org

VII. PUBLIC RECOGNITION AND PROMOTION

As part of the Academy's effort to highlight funded research and promote member achievements, grant recipients agree to participate in promotional and outreach efforts. By accepting grant funding, recipients agree to promptly provide:

- A professional headshot
- Official grant project title
- A short statement explaining their interest in and connection to the Indiana Academy of Science

This information may be used for social media, newsletters, website features, press releases, or other Academy communications.