

Economic Botany Section Fund Request

15 October 2022

The Economic Botany section would like to request funding from the BSA in order to provide the following support at Botany 2023: **student awards for best poster and oral presentation.**

In 2016, our board split our meeting sections into two groups: Ethnobotany and Crops and Wild Relatives. Since that time, we have seen double the participation in our meeting sections. Ethnobotany has long been supported by our section, and by adding Crops and Wild Relatives, we have provided researchers that are aligned with agriculture an obvious section in which to share their work. The Economic Botany section continues to observe increased participation in our paper and poster sections at the annual meetings, and attendance at each paper section during the Botany 2022 conference was over 40 people in person, with additional virtual attendees.

The Economic Botany section has established a history of serving researchers whose work lies at the intersection of people and plants, and we would like to extend this support at Botany 2023. As interest our Ethnobotany and Crops and Wild Relatives paper sections, we would like to continue to support early career members that are pursuing this discipline by providing financial support and recognition of their research at the meetings. **We would like to offer \$200 best student presentation and poster awards in both the Ethnobotany and Crop Wild Relatives sections for Botany 2023.** With this budget request, we will continue to support young members of our section who have performed their research during the extraordinary circumstances of a global pandemic.

Budget

Ethnobotany Section	
• Best poster award	\$200
• Best presentation award	\$200
Crops and Wild Relatives Section	
• Best poster award	\$200
• Best presentation award	\$200
Total	\$800

**BSA Genetics Budget Request for Botany 2023:
prepared by Jeremy Coate, Chair, October 24, 2022**

As was the case in 2022, the Genetics Section would like to offer five travel awards for the Botany Meeting in 2023. Due to limited funds in the Genetics Section Account, and because we also support the Menzel Award annually (\$500) and hope to resume offering a student poster award (\$250), we request \$2000 from the BSA to support four travel awards, with the intention of funding the 5th from existing funds.

BSA Genetics Section Funds Request

Item	amt per	# given	total needed
Genetics Section Student Travel Awards - total	\$500	4	\$2,000.00

- The Genetics Section organizes four topical sessions (Comparative Genomics and Transcriptomics, Hybrids and Hybridization, Population Genomics/Genetics, Functional Genetics) with enough presentations that we have a session each morning and afternoon from Monday to Wednesday. We elicit help from moderators for each session and ~20 judges for talks and posters, and hold a business meeting each year at the meeting.
- In 2022, we have 28 applicants for student travel awards, and 51 applicants for the Menzel award.

PROJECT TITLE:

Funding for Research and Travel Awards - Physiology Section, 2023.

Total project cost: \$2,500.

Amount requested: \$2,000.

Time period for implementation: January-July, 2023

Background: Last year for the first time in the history of the Physiology section, we were able to offer travel grants to students. In the past, the Physiology section has offered only small awards for the best student posters and oral papers, even when augmented by LI-COR Prize funds. The student prize funds are a very important part of our section’s activity. We have few members, but our sessions are usually well attended, making it difficult to support prize funds with our dues. Prize fund support from BSA is clearly needed and should take priority over a travel grant in our opinion. The Physiology section officers thank the BSA for their generosity in supporting this initiative in 2022. This proposal is meant to attract high quality student participants to present their physiology or ecophysiology research in person in a session sponsored by the Physiology Section at Botany 2023.

PROJECT DESCRIPTION

Goal: Increase participation of students and postdocs at Botany 2023.

Objectives:

- I. Increase award amount of the Best Student Poster and Best Student Oral Paper to \$250 each.
- II. Provide three travel awards of \$500 each to students or postdocs who plan to attend Botany 2023 in person.

Outputs: Increased interest among students and postdocs in presenting their research in Physiology at Botany 2023.

Activities:

- I. Make members of the Physiology Section aware of the awards and travel grants for students. January, 2023.
- II. Solicit applications for the travel grants. January, 2023.
- III. Organize judges for best student posters and oral papers. April, 2023.
- IV. Travel grant applications due; successful awardees chosen. May, 2023.
- V. Botany 2023; funds dispersed at close of conference. July, 2023.

Beneficiaries: The BSA as a whole, and the Physiological section in particular will benefit by encouraging, embracing and mentoring young professionals.

Reporting: These activities will be included in the Physiology Section Annual Report.

Budget:

Item	Requested from BSA	Not Requested
Best student poster & paper; 2 @ \$250 each	\$500.	
Best student poster & paper using LI-COR equipment; 2 @ \$250 each (will be requested from LI-COR Corp.)		\$500.
Student / Postdoc travel awards; 3 @ \$500 each	\$1,500.	
Total	\$2,000.	\$500.

Grand total = \$2,500.

Submitted by Dr. Arthur G. Schwarz, Section Chair, Physiology.

Phytochemistry Section Funding Request
October 14, 2022

The Phytochemistry section would like to request funding from the BSA for Botany 2023: 1) the first ever **social event for members** of the section, 2) **student travel awards**, and 3) **best talk and best poster awards**.

Our section was reinstated to BSA in 2021 and the attendance in 2022 was meagre due to recent lifting of the pandemic, overlap with the Phytochemistry meeting and Botany being in Alaska. Therefore, we had to cancel our social. Over the last year, we took conscious efforts to increase our membership by organizing the ever-growing PhytochemTalks seminar series (<https://phytochemtalks.github.io/>) – currently with ~55 regular attendees and >220 members on the mailing list. Recently, we also coordinated with the Phytochemical Society of North America (PSNA) to have their 2023 meeting not overlap with Botany 2023. We are applying to co-organize a PSNA-Phytochemical Section joint symposium at Botany 2023, which can also improve our visibility and membership.

Due to all these efforts and the conference being in Idaho, we believe 2023 attendance will be larger. All core Phytochemical Section members will be present, and therefore we are planning to organize a social event in full vigor. Towards this goal, we are asking for **\$500** for purchase of food and drinks available at the venue. The new Phytochemistry section is home to a broad array of researchers interested in plant physiology, biochemistry, biochemical genomics, metabolic evolution, biotic interactions, chemical ecology and medical ethnobotany. Having this section at BSA not only provides a home to many existing society members and encourages more phytochemists to join BSA. This social will help provide networking opportunities for students working in this field.

In 2022, our section funded 3 travel awards and 4 best poster/presentation awards, enabling early career phytochemists to attend the meeting. We would like to continue to support early career members this year by funding 3 travel awards (**\$500 x 3 = \$1500**). These would be selected from the pool of submitted abstracts to the Phytochemical section colloquium. We also plan to award one best poster and one best presentation award, for which we request **\$500 (\$250 x 2)**. We hope these awards will be more inclusive for members of our community and broaden awareness and participation in the newly active section.

With the relaunch of the Phytochemistry section in Botany 2021 we saw a critical group of plant science researchers reengage in topics that closely aligned with their research interests, and who may not have been as well served before in other sections. We anticipate increased participation in the Botany 2023 meeting and would like to support this participation – especially from early career members – through our budget request.

Budget

3 Student Travel awards @ \$500	\$1500
Phytochemistry section Best Poster and Best Talk Awards @250	\$500
Phytochemistry section social event	\$500
TOTAL:	\$2500