

2024 Genetics Section Report to the BSA Council Submitted by Jeremy Coate, Chair, May 27, 2024

Botany Meeting, 2023

The Section supported one symposium in name:

Whole genome duplications and impact on angiosperm character evolution

The section received 36 posters and 65 oral papers for the 2023 Botany Conference:

Comparative genomics/transcriptomes (7 posters; 20 oral papers)

Population genetics/genomics (22 posters; 22 oral papers)

Hybrids and hybridization (3 posters; 16 oral papers)

Functional genetics/genomics (4 posters; 7 oral papers)

Margret Menzel best paper award: 21 talks were submitted for consideration, and the award was given to **Lauren Frankel**, University of Wisconsin-Madison, for the Presentation: Summary tests of introgression are highly sensitive to rate variation across lineages.

The section supported two student travel awards (\$500 each), which were awarded to Samantha Drewry (University of Memphis) and Uzezi Okinedo (University of Massachusetts, Boston).

Genetics section finances:

The section's income for the fiscal year starting 10/1/22 to 9/30/23 was \$1,260 (\$1,160 in dues, \$75 in awards and \$25 from Other funds), and we also received \$500 from the society to support one of two student travel awards. Over the same period, the section spent \$1,000, (\$500 for a second travel award and \$500 for the Menzel Award).

The Genetics section account balance was \$5,227.77 as of September 30, 2023.

For the 2024 Botany Meeting, the section decided to sponsor one travel award of \$500 (award to Bibek Adhikari, South Dakota State University) and the Menzel Award (also \$500) for the 2024 Botany Meeting.

Genetics section business:

The Genetics Section held its business meeting at the Botany Conference on Tuesday, July 25, 2023. At this meeting we voted to revise the section bylaws as summarized here:

<https://docs.google.com/document/d/1cQFTN87VpTp0fzOGNPYzmAbDnMwTainDAyYIyz9irtY/edit?usp=sharing>

Elected new officers to the Genetics Section Executive Committee:

Michael Moody, Co-chair
Jorge Vasquez-Kool, Co-Vice Chair
Jeff Mower, Co-Vice Chair
Anthony Taylor, Co-Secretary/Treasurer
Funmilola Mabel Ojo, Co-Secretary/Treasurer

Current officers (Jeremy Coate, Donovan Bailey, and Clayton Visger, will continue as co-officers until the 2024 Botany Meeting and then step down.

Anthony Taylor designed a Genetics Section header for section emails:



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