

Physiological Section Annual Report 2021-2022.

Officers during 2021-2022 were Arthur Schwarz, Chair, Jessica Savage, Program Director, and Anitra Thorhaug, Treasurer.

At BOTANY 2022, the physiological section will have four sessions including three on Ecophysiology with 26 papers and six posters, and one on Physiology with six papers and six posters. The Physiological Section is pleased to provide in-name support to the colloquium "The impact of climate change on plant physiology in natural and agricultural systems". We will hold a business meeting and an election. There will be awards for the best student oral presentation and the best student poster award. The LI-COR Prize, is awarded to the best student oral paper and poster using LI-COR equipment. Thomas Hennessey, Veronica Gibson, and Marissa Ochoa were recipients of the student travel award to attend this conference.

At BOTANY 2021, the Physiology Section hosted four sessions. There were 13 oral papers and six posters in Physiology and 24 oral papers and eight posters in Eco-Physiology. Our student awards at the 2nd Virtual meeting included the LI-COR Prize for best oral paper award to **Haley Branch** for her paper "Historical differences in climate between populations alter responses to severe stress". Coauthors were Dylan R Moxley, & Amy L Angert, of the University of British Columbia.

The LI-COR Prize for best student poster went to **Myriam "Mimi" Serrano** for her poster "Tracking Leaf Trait Differentiation of Newly Diverging Subspecies of *Chenopodium oahuense* on the Hawaiian Islands". Coauthors were Jason Cantley, & Kevin A Simonin, of San Francisco State University.

The best student oral paper was awarded to **Jianfei Shao** for his paper "Root trait plasticity in response to contrasting phosphorus environments and its consequences for plant performance". His coauthor was Hafiz Maherali, University of Guelph, Ontario.

The best student poster award went to **Gillian Gomer** for her poster "Consequences of Stress-Induced Trait Plasticity in Cultivated *Helianthus*". Her coauthors were Chase Mason, Eric Goolsby, University of Central Florida.

At the 2nd Virtual meeting in 2021, the Physiological Section Business Meeting was cancelled, and all officers agreed to serve another year. This year we will conduct elections and notify the BSA after elections of new officers.

Respectfully submitted by Arthur Schwarz, Anitra Thorhaug, and Jessica Savage.