

## **Physiology Section Annual Report, 2022-2023.**

The Physiology Section officers during 2022-2023 were Arthur Schwarz, Chair, Jessica Savage, Program Director, and Anitra Thorhaug, Treasurer.

At BOTANY 2023, the physiological section will have three sessions including two on Ecophysiology with 19 papers, and one on Physiology with 10 papers. The poster session will have 25 posters in the combined areas of Physiology and Ecophysiology. We will hold a business meeting and an election for the section chair. There will be awards for the best student oral presentation and the best student poster award. The LI-COR Prizes are awarded for the best student oral paper and poster using LI-COR equipment.

At BOTANY 2022, the Physiology Section hosted four sessions. There were six oral papers and six posters in Physiology and 26 oral papers and six posters in Ecophysiology. Our student awards were as follows.

The best LICOR Oral presentation was shared among two people.

**Claudia Garnica Diaz**, University of Florida, for the paper “Intra-canopy leaf variation in deciduous oaks: from leaf construction to energy return”.

**Ana Flores**, University of Hawaii - Manoa, for the paper “Trait variation as plants grow up: Simultaneous effects of ontogeny and phenotypic plasticity”.

The LI-COR Prize for best student poster went to **Jordyn Regier**, Pepperdine University, for the poster “Substrate Type Affects the Drying Speed and Desiccation Tolerance of Fern Gametophytes”.

The best student oral paper was awarded to **Maria Christina Rengifo Faiffer**, Michigan Technological University, for the paper, “Phenotypic plasticity of *Syntrichia caninervis* in novel climates”.

The best student poster award went to **Marissa Ochoa**, University of California, Los Angeles, for the poster, “How does stomatal anatomy influence leaf conductance from minimum to maximum? Casual relationships and meta-analysis”.

Respectfully submitted by Arthur Schwarz, Chair, Anitra Thorhaug, Treasurer, and Jessica Savage, Program Director.