

The BSA Graduate Student Research Award including the J. S. Karling Award

The BSA Graduate Student Research Awards support graduate student research and are made on the basis of research proposals and letters of recommendations. Within the award group is the Karling Graduate Student Research Award. This award was instituted by the Society in 1997 with funds derived through a generous gift from the estate of the eminent mycologist, John Sidney Karling (1897–1994), and supports and promotes graduate student research in the botanical sciences.

The Committee asks that the Council gives approval to submit a proposal to restructure the BSA Graduate Student Research Awards. We suggest three to five of the awards be focused earlier in the student's development path.

The 2008 award recipients are:

J. S. Karling Graduate Student Research Award

Samuel Brockington, University of Florida, Gainesville, FL –
Advisors, Drs. Pamela & Douglas Soltis, Evolution and Development
of Petals within Aizoaceae (Caryophyllales)

BSA Graduate Student Research Awards

Tatiana Arias, University of Missouri, Columbia, MO – Advisor, Dr.
M. Alejandra Jaramillo, Did adaptation to different light
environments facilitate the diversification of neotropical Piper
(Piperaceae)? Phylogeny and evolution of plant architecture of Piper
clade Radula

Mauricio Diazgranados, Saint Louis University and Missouri
Botanical Garden, St. Louis, MO – Advisor, Dr. Janet C. Barber,
Phylogenetic and biogeographic relationships between the
frailejones (subtribe Espeletiinae, family Asteraceae) of the South
American páramos

Patrick Edger, University of Missouri, Columbia, MO – Advisor,
Dr. J. Chris Pires, Resolving the Phylogeny of the Mustard Family
(Brassicaceae) and its application to date two ancestral whole

genome duplication events and to reconstruct the ancestral karyotype for phylogenomics

Kyra Krakos, Washington University, St. Louis, MO, – Advisor, Dr. Peter H. Raven, Shifts in Reproductive Biology Drive Diversification in *Oenothera*

Patrick McIntyre, University of California, Davis, CA – Advisor. Dr. Sharon Y Strauss, Polyploidy, niche variation, and local adaptation in the *Claytonia perfoliata* (Portulacaceae) complex

Amy Parachnowitsch, Cornell University, Ithaca, NY – Advisor, Dr. Andre Kessler, Natural Selection on Floral Traits by Mutualists and Antagonists

Olofron Plume, Cornell University, Ithaca, NY – Advisor, Dr. Jeff Doyle, Molecular Systematics of Genus *Calendula* (Asteraceae): Species phylogeny, origins of hybrid and polyploid taxa, and the evolution of terpene diversity across the genus

Stein Servick, University of Florida, Gainesville, FL – Advisors, Drs. Pamela & Douglas Soltis, Genetic Consequences of Autopolyploidy in *Galax urceolata* (Diapensiaceae)

Mackenzie Taylor, University of Tennessee, Knoxville, TN – Advisor, Dr. Joseph Williams, Comparative Mating Systems in Cabombaceae (Nymphaeales)