

Stengl-Wyer Fellowship Winners

CYCLE (NO. OF APPLICATIONS)	TITLE	PRINCIPAL INVESTIGATOR	DEPARTMENT	RESEARCH ADVISOR(S)
2020 (17)	Carbonic anhydrase function and evolution in the respiratory gas exchange system of fish	Angelina Dichiera	Marine Science	Andrew Esbaugh
	The passion vine community phytochemical landscape	Colin Morrison	Ecology, Evolution, and Behavior	Lawrence Gilbert
	Specificity of host-microbiome interactions	Alex Nishida	Cell & Molecular Biology	Howard Ochman
	Evolution of temperature sensation	Julia York	Ecology, Evolution, and Behavior	Harold Zakon
2021 (12)	A theory of human-mediated biological invasions	Nikunj Goel	Ecology, Evolution, and Behavior	Timothy Keitt
	Impacts of parasites on foraging and pollination	Nicholas Ivers	Ecology, Evolution, and Behavior	Shalene Jha
	Responses of Central Texas herpetofauna to long-term environmental change	David Ledesma	Ecology, Evolution, and Behavior	Melissa Kemp
	Initiation and evolution of mutualistic symbioses in aphids	Julie Perreau	Microbiology	Nancy Moran Jeffrey Barrick
2022 (14)	Revealing the mysteries of eukaryogenesis using clues from a novel branch on the tree of life	Kathryn Appler	Marine Science	Brett Baker
	Mitonuclear interactions and thermal adaptation in hybridizing swordtails	Erik Iverson	Ecology, Evolution, and Behavior	Justin Havird
	Laryngeal mechanisms of vocalization in rodents with diverse calls	Samantha K Smith	Ecology, Evolution, and Behavior	Steven Phelps
	Passive acoustic monitoring of biodiversity and ecological functioning in the dynamic Mission-Aransas Estuary, TX	Philip Souza	Marine Science	Simon Brandl
2023 (12)	Increasing adaptive potential of coral juveniles on a degraded reef	Kristina Black	Ecology, Evolution, and Behavior	Mikhail Matz
	How chemical defense evolves in poison frogs	Jeffrey Coleman	Ecology, Evolution, and Behavior	David Cannatella
	Uncovering the mechanisms that drive belowground facilitation and resource allocation in N fixers	Sarah K Ortiz	Ecology, Evolution, and Behavior	Amelia Wolf
	Plant-soil interactions for the maintenance of plant diversity	Xinyi Yan	Ecology, Evolution, and Behavior	Caroline Farris Amelia Wolf
2024 (18)	Plant defenses against insect herbivores along tropical forest succession	Damla Cinoglu	Ecology, Evolution, and Behavior	Caroline Farris
	The impact of global change on fungal endosymbiont communities in Texas grasslands	Keri Greig	Ecology, Evolution, and Behavior	Amelia Wolf

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	The neuromolecular mechanisms underlying resilience to environmental variability in a Texas native fish	Emily Lessig	Ecology, Evolution, and Behavior	Hans Hofmann
	Evaluating the critical roles of omnivorous reef fishes across gradients of habitat degradation	Hannah Rempel	Marine Science	Jordan Casey