

Stengl-Wyer Scholars Winners

CYCLE (NO. OF APPLICATIONS)	TITLE	PRINCIPAL INVESTIGATOR	DEPARTMENT	UT MENTOR(S)
2020 (35)	What processes control nitrogen fixation across tropical and sub-tropical biomes?	Thomas Bytnerowicz	Integrative Biology	Caroline Farrior Amelia Wolf
	How evolutionary conflict shapes parental investment in European starlings, <i>Sturnus vulgaris</i>	Shana Caro	Integrative Biology	Hans Hofmann Mark Kirkpatrick
	Unraveling the origin and evolution of sex determination in a group of parasitic bivalves with doubly uniparental inheritance	Chase Smith	Integrative Biology	Justin Havird David Hillis Mark Kirkpatrick
2021 (25)	Refining the evolution of plant mitochondria en route to a non-photosynthetic lifestyle	Liming Cai	Integrative Biology	Justin Havird Bob Jansen
	Quantifying the interaction effects of nutrition, parasitism, and chemical stress on native pollinators	Harry Siviter	Integrative Biology	Felicity Muth Shalene Jha
	How does energy shape sexually selected trait evolution? From mitochondria to species	Ummat Somjee	Integrative Biology	Justin Havird Michael Ryan
2022 (16)	Can novel chemical defenses explain increased diversity in tropical trees?	Guillaume Dury	Integrative Biology	Brian Sedio
	Understanding the drivers of diverse coloration on coral reefs and their susceptibility to environmental change	Christopher Hemingson	Marine Science	Simon Brandl
	Conservation in a changing world: Understanding the interactive effects of global environmental change on pollinator health and pollination services	Chatura Vaidya	Integrative Biology	Shalene Jha Amelia Wolf
2023 (11)	Landmark use and environment-dependent plasticity in butterflies' miniature brains	Priscila Albuquerque de Mora	Integrative Biology	Lawrence Gilbert
	Predicting how climate driven shifts in vertical niche suitability will drive chytrid disease transmission in tropical frogs	Edmund Basham	Integrative Biology	David Cannatella Timothy Keitt Kelly Zamudio
	Priority effects and spatial organization in the honeybee microbiome	Korin Jones	Integrative Biology	Jeffrey Barrick Nancy Moran
2024 (20)	Ecometabolomics, environmental gradients and the growth-defense trade-off in tropical trees	Dale Forrister	Integrative Biology	Brian Sedio Annette Ostling
	Why copy? Identifying ecological correlates of mate choice copying in sailfin mollies	Marina Hutchins	Integrative Biology	Carlos Botero Molly Cummings

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2025 (23)	Unraveling the mechanisms behind spider coloration: From environment to genes and back again	Fabian Salgado Roa	Integrative Biology	Rebecca Young
	Of mice and men: Leveraging functional traits of small mammals across past, present, and future communities to anticipate conservation concerns	Julia Schap	Integrative Biology	Melissa Kemp
2026 (38)	Integrating micro- and macro-evolution of betalain pigment diversity in Texas cacti	Sierra Jaeger	Integrative Biology	Shelley Sianta
	Tetrodotoxin in amphibians: The evolutionary ecology of microbially-mediated convergent phenotypes	Maria Jose Navarrete Mendez	Integrative Biology	Tom Juenger Kelly Zamudio