

Kelsey Deal, M.S.

High School Biology

Kelsey Deal teaches science at Advanced Science and Technology Education Charter (ASTEC) School in Oklahoma City, OK. She has been the high school biology teacher for almost a decade and she has served as the science department chair since 2020.

Ms. Deal is passionate about increasing STEM opportunities for high school students and has served as a mentor for ASTEC's FIRST® Robotics team for four years. She is currently a member of the Water Research, Assessment, and Networking Ecosystem (WRANE) Educator Cohort as well as the 2022 Prairie Project Educator Cohort. Ms. Deal has also contributed to the development of state-wide science resources by working with the Oklahoma State Department of Education (OSDE) as a Phase I Science Framework Writer in 2021.

Ms. Deal received a Bachelor of Science degree in biology from Baylor University in Waco, Texas and a Master of Science degree from the Department of Integrative Biology at Oklahoma State University. Her master's research was on monarch butterfly habitats in urban areas under the advice of Dr. Kristen Baum. Ms. Deal served as a graduate teaching assistant for introductory biology and other science courses at Oklahoma State University. Her time as a graduate student included mentoring undergraduate students interested in secondary education as they conducted independent research projects.

Other notable accomplishments include serving on the outreach committee for the departmental graduate student society and securing a \$1000 Environmental Education Grant from the Oklahoma Department of Environmental Quality. Ms. Deal completed more than 300 service hours as a master's student and was awarded the Science Communication and Outreach Award from the departmental graduate student society.

