

Agricultural Science Teachers' Industry-Aligned Education and Development (AGRI-TED). Led by Dr. Kalynn Baldock. Awarded or in collaboration with the U.S. Department of Agriculture (USDA). The funds awarded total \$490,000. The project/award began in July 2024 and is currently active/going.

Use of Carbonyl as an Infrared Reporter for Probing the Nature of Charges in Donor-Acceptor Type Conjugated Molecules. Led by Dr. Juchao Yan. Awarded by the U.S. Department of Energy. The funds awarded total \$749,976. The project/award began in September 2022 and is currently active/ongoing. The grant provides wages for three students working on the project.

Increasing Understanding of the Rio Grande Cooter to inform future recovery options. Led by Dr. Drew Davis. Awarded or in collaboration with the National Fish and Wildlife Foundation. The funds awarded total \$235,671. The project/award began in July 2024 and is currently active/going. The grant provides wages for four students to work with the project.

Assessing the Distribution and Conservation Status of Imperiled Aquatic Turtles in Southwestern Indiana. Led by Dr. Drew Davis. Awarded or in collaboration with the Indiana Division of Fish and Wildlife. The funds awarded total \$97,500. The project/award began in August 2024 and is currently active/going. The grant provides wages for two students to work with the project.

Per- and polyfluoroalkyl substances (PFAS) and the microbiome-gut-brain axis: linking microbiome dysbiosis and neurotoxicity in Great Lakes fish. Led by Dr. Corey Green. Awarded or in collaboration with Michigan State University/USGS. The funds awarded total \$19,700. The project/award began in January 2025 and is currently active/going. The grant provides wages for one student to work with the project.

Wildfire, Water, and Wildlife: Assessing Beaver Pond's Role in Mitigating Wildfire Impacts on Aquatic Ecosystems and Water Security (104B). Led by Dr. Corey Green. Awarded or in collaboration with the N.M. Water Resources Research Institute (NMWRRRI). The funds awarded total \$39,347. The project/award began in September 2024 and is currently active/going. The grant provided wages for one student to work with the project.

IRES Track I: Post-hurricane recovery of island freshwater lenses: Understanding the impact of social and hydrological dynamics. Led by Dr. Elizabeth Lynch. Awarded or in collaboration with the National Science Foundation (NSF). The funds awarded total \$95,661. The project/award began in September 2023 and is currently active/going. The grant provided wages for two students per year to work with the project.

Ribbonsnake Surveys. Led by Dr. Drew Davis. Awarded or in collaboration with New Mexico Department of Game and Fish. The funds awarded total \$36,000. The project/award began in June 2024 and is currently active/going. The grant provided wages for one student to work with the project.

Microplastics monitoring of water in the Texas-New Mexico-Chihuahua region. Led by Dr. Patricia Cabrales. Awarded or in collaboration with the North American Development Bank. The funds awarded total \$73,453. The project/award began in August 2024 and is currently active/going. The grant provided wages for two students to work with the project.

Phytoremediation through Hemp Crops to Reduce Heavy Metal Contamination. Led by Dr. Corey Green. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRRI). The funds awarded total \$7,493. The project/award began in October 2024 and is currently active/going. The grant provided wages for one student to work with the project.

Synthesis of the water-insoluble organic solid matrix and study of the removal of Uranium from the groundwater. Led by Dr. Md Mhahabubur Rhaman. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRRI). The funds awarded total \$7,500. The project/award began in October 2024 and is currently active/going. The grant provided wages for one student to work with the project.

Initiating and Mobilizing a Pipeline in Agriculture Careers Training (IMPACT). Led by Dr. Kalynn Baldock. Awarded or in collaboration with the U.S. Department of Agriculture (USDA). The funds awarded total \$375,000. The

project/award began in September 2020 and concluded in June 2025. The grant provided wages for seven students to work with the project.

Fueling the mind, feeding the world: Delivering communication and decision making curricula. Leb by Dr. Kalynn Baldock. Awarded or in collaboration with the U.S. Department of Agriculture (USDA): NIFA. The funds awarded total \$39,150. The project/award began in August 2024. The grant provided wages for one student to work with the project.

Does beaver presence increase wildfire resistance of streams in New Mexico? Leb by Dr. Zachary Mitchell. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRI). The funds awarded total \$7,422. The project/award began in September 2023. The grant provided wages for one student to work with the project.

Developing of Colorimetric Detection Method for Cyanide in Water and Monitoring it in Water Samples of New Mexico. Leb by Dr. Md Mhahabubur Rhaman. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRI). The funds awarded total \$7,500. The project/award began in September 2023. The grant provided wages for one student to work with the project.

Drying Rivers: Responses of Riverine Biota in Isolated Pools during Reduced Stream Flow. Leb by Dr. Zachary Mitchell. Awarded or in collaboration with New Mexico State University. The funds awarded total \$32,673. The project/award began in September 2022. The grant provided wages for students to work with the project.

Effects of catastrophic wildfire on stream macroinvertebrate communities in northern New Mexico. Leb by Dr. Zachary Mitchell. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRI). The funds awarded total \$7,446. The project/award began in December 2022. The grant provided wages for one student to work with the project.

Influence of seasonality on the relative importance of abiotic and biotic factors in determining fish survival in isolated pools in New Mexico rivers. Leb by Dr. Zachary Mitchell. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRI). The funds awarded total \$7,445. The project/award began in December 2022. The grant provided wages for one student to work with the project.

Effects of turbidity on fish behavior and community structure in New Mexico rivers. Leb by Dr. Zachary Mitchell. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRI). The funds awarded total \$7,470. The project/award began in June 2022. The grant provided wages for one student to work with the project.

Western River Surveys w/ Black River Drainage. Leb by Dr. Ivana Mali. Awarded or in collaboration with the N.M. Department of Game and Fish. The funds awarded total \$60,170. The project/award began in June 2020. The grant provided wages for one student to work with the project.

Developing an occupancy model for the Rio Grande Cooter on the Pecos River. Leb by Dr. Ivana Mali. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRI). The funds awarded total \$7,342. The project/award began in May 2021. The grant provided wages for one student to work with the project.

Nesting ecology of the Rio Grande cooter on the Black River, New Mexico. Leb by Dr. Ivana Mali. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRI). The funds awarded total \$7,033. The project/award began in May 2021. The grant provided wages for one student to work with the project.

Investigating the effects of flow on growth and survival of larval pelagic-spawning minnows of the Pecos River, NM. Leb by Dr. Jesse Filbrun. Awarded or in collaboration with N.M. Water Resources Research Institute (NMWRRI). The funds awarded total \$4,809. The project/award began in June 2020. The grant provided wages for one student to work with the project.

Funds awarded or dedicated to the projects: \$1,665,785. Funds were award or subawards, in-state/out-of state university collaborations, state agencies, and United States departments. A minimum of 35 of students receive wages/salaries directly from the awards.