Yolo Basin Foundation Graduate Student Fellowship Topics 2016-2020

April 2020

Does "wilding" juvenile Chinook Salmon on agricultural floodplains boost survivorship in California's Central Valley?

Bats in the Basin: Tracking bat ecology in time and space. Phase II in assessing population, health and ecosystem services of the Yolo Basin bats.

Establishing a long-term, citizen-science population monitoring program for the Yolo Causeway Bats: Phase I in evaluating the pest-control services of the largest colony of Mexican free-tailed bats (Tadarida brasiliensis) in Central California.

Non-invasive analysis of bat diets in the Yolo Bypass Wildlife Area using DNA.

Evaluation of environmental health through quantification of cyanotoxins and toxic cyanobacteria in the YBWA.

Linking riverine exports from Yolo Bypass inundations to the Delta food web.

Isotope tools to track floodplain rearing of native fishes.

Illuminating estrogenic effects in fish: Determining seasonal estrogenicity and water quality in the Yolo Bypass Wildlife Area.

Determining Chinook salmon passage at Lisbon Weir: a paired camera approach

Genetic techniques enhance biodiversity monitoring in the Yolo Bypass.

Morphological and behavior differences among Daphnia from vernal and permanent ponds in relation to UVB exposure.

Analysis of plant community heterogeneity and its effect on aquatic invertebrates in vernal pools.