

2018 PWA-DIA OUTREACH PROJECT WINNERS:

- LOCATION:** Wapato, WA
PROJECT TITLE: *Antlions, tiger swallowtails, and wooly bears, oh my: Using insects to foster scientific curiosity.*
PROJECT SUMMARY: Scientists from USDA laboratories in Wapato and Prosser WA will collaborate with professors from Heritage University (HU) in Toppenish, WA (predominately serve Native American and Hispanic communities) in an outreach project to: 1. foster scientific curiosity in students at local middle schools and; 2. foster scientific mentorship in undergraduate students at HU.
PWA PERSONNEL: Rodney Cooper, Linda Rehfield, Jen Stout, Cesar Reyes, Kylie Swisher, Roy Navarre, etc.
- LOCATION:** Tucson, AZ
PROJECT TITLE: *Introducing ARS Science to juveniles held in detention in Pima County, AZ*
PROJECT SUMMARY: Project will introduce basic science related to plants, food, soil and nutrition, based on USDA research to juveniles detained pending charges of delinquency in Tucson, AZ. Project in collaboration with Pima County Master Gardeners program teaching nutrition and gardening techniques to these most at-risk youth population. Youth include a wide range of minority students including African American, Asian American, Native American and Hispanic.
PWA PERSONNEL: Mark Nearing
- LOCATION:** Albany, CA (Western Regional Research Center)
PROJECT TITLE: *Agricultural Research Product Development*
PROJECT SUMMARY: Students from Rio Vista High School, a rural high school in the California River Delta, will produce a shelf stable fruit snack made in part from fruit from a local orchard in their school district. Project will be completed at the WRRRC Lab, Ag students will film the project, students from the graphics arts class will design a label for the project, and there will be a final presentation of the project. The majority of the students identified in the district are of Hispanic or Latino heritage.
PWA PERSONNEL: Don Olson
- LOCATION:** Logan, UT
PROJECT TITLE: *Improving the Measurement Skills of Third Grade Students*
PROJECT SUMMARY: Location scientists and technicians will collaborate with Woodruff Elementary School, which is a Utah Gold STEM School, to improve the ability of third grade students to measure and estimate weights and volumes and record them with precision. Project will establish the collaboration and purchase the equipment that will be in continued use over the years of the continuous collaboration. The school is 45% minority, including Native American, Asian American, African American, Pacific Islander and Hispanic and will impact 125 students.
PWA PERSONNEL: Ben Green