

A few of our past project proposals...

Archaeological Law for \$400

The main goal of this project is to help educate students through the Anthropology Forum and other research competition venues on the need to protect cultural resources. This research seeks to review archaeological laws and to understand mitigation practices primarily in Northern California and to illustrate successful execution of archaeological law while at the same time making sites available for public use.

Hydration Stations for \$13,000

CSU Chico is a role model among college campuses due to our efforts to implement environmentally conscious programs and policies. The instillation of hydration stations on our campus will provide students greater access to locations where they can fill up their reusable water bottles with free clean water. The project goal is to place hydration stations in high traffic locations around campus. For this reason, we decided to place three hydration stations in the Meriam Library. There will also be widespread education on the importance of using reusable water bottles instead of plastic single-use water bottles. By advocating the use of hydration stations, the single-use consumer culture currently seen on campus will have a paradigm shift away from plastic water bottles, towards the use of reusable water bottles by students and faculty alike. They will, in return, be living a more sustainable lifestyle.

Tiny House Competition for \$15,000

CSU Chico has been selected to participate in the Sacramento Municipal Utility District (SMUD) Tiny House Competition in which students are challenged with designing and building a solar-powered, fully-function, trailer-mounted house in less than 200 square feet. The Chico State Tiny House Club has organized a team of students to build the Tiny House and explore the possibilities of a more suitable housing option.

Food Security Project for \$9,387

The Food Security Program is a collaboration of CalFresh Outreach, the Hungry Wildcat Food Pantry, and the Veggie Bucks program in partnership with the Organic Vegetable Project (OVP). The Food Security Program allows students in need to receive a free bag of non-perishable groceries and offer trained interns to assist students in filling out CalFresh applications. It offers Veggie Bucks to students to give them a chance to incorporate fresh, organic veggies into their diets. CalFresh interns have helped over 300 students apply for CalFresh benefits since school began, and the Hungry Wildcat Food Pantry has distributed over 900 cans of food in the month of September. Since February 2015, \$190 in Veggie Bucks have been given to students in need, and 160lbs of organic vegetables have been distributed. With the Food Security Program we will be able to help students receive nutrition that they need to fuel their bodies and minds to sustain a happy and healthy experience at Chico State.

Fossils and Formations Garden Exhibit - \$57,037.16

Propose to plan and install a permanent, outdoor exhibit, in Gateway Gardens located at Gateway Science Museum that showcases the natural history of our region using interactive activities and replica models. The exhibit is meant to give visitors a sense of place to encourage appreciation of the resources in our area, build foundation for environmental stewardship and provide the knowledge needed to address and solve the problems facing our environments. The exhibit includes the following features: entry signage, formations wall, excavation site, benches and shade structure, plants, Sacramento River watershed display, pathways, and educational activities.

Compost Display Area Greenhouse - \$3,500

This project proposes the building and installation of a new greenhouse at the Compost Display Area on campus. The current greenhouse is in poor shape, and a new greenhouse built using a variety of sustainable methods would aid in the effort to get students thinking about composting and its use in growing their own sustainable food source.

The Big Chico Creek Ecological Reserve accessibility for environmental education and sustainability project - \$11,248

This project proposes the repair of the entrance driveway as well as the creation of 2 new Kiosk signs, designed to hold education content about the reserve at the Big Chico Creek Ecological Reserve. This land is a resource for education programs by the CSU Chico Research Foundation and this grant would provide better accessibility to the property for students.

CAPTalks 2018 - \$12,550

The Community Action Planning Talks event is an event where students and community members come together to participate in a night of education and opportunities to take an active role in addressing concerns or needs in the Chico community. This year's theme is Climate Change and this grant would assist in bringing awareness and involvement in the Climate Change discussion.

This Way to Sustainability Conference - \$25,634

The This Way to Sustainability Conference acts as a platform for educating students, professionals, and community members about varying sustainability issues that we face within our world. This grant would aid in allowing all students to attend for free and take full advantage of the varied educational opportunities this conference provides.

Be This Change - \$13,765.61

This project proposes education for students, faculty, and staff for multiple social impact campaigns and challenges. The goal will be to start a campaign under the umbrella of "Be this Change" where they can visit with students, faculty, and administration regarding education to inspire positive change.

LeanPath – Food Waste Tracking and Reduction Software and Hardware - \$14,756

This project proposes the purchase and installation of LeanPath software in both Sutter Dining Hall and the Bell Memorial Union Marketplace. This software provides food service operations a recipe for ending avoidable food waste by providing a method to measure, analyze, optimize, and empower.

Smart LED Fixtures for Parking Meter - \$10,450.30

This project proposes the design, construction, and installment of solar powered light fixtures atop existing parking meters near the campus of CSU, Chico. The proposed lighting fixtures would be powered by the usage of low wattage light-bulbs and photovoltaics in a sustainable way, thereby increasing safety for our community.

Upcycling Project for \$200.10

Squirrel Up is a paper upcycling project, which focuses on maximizing the use of paper that has been printed on only one side to maximize the energy, waste, and cost of the paper recycling processes. Squirrel Up plans to encourage like-minded people to participate in a fun and eco-friendly upcycling way! The goal is to collect as much unused paper as possible throughout the year. From our paper collection rates so far, we should be able to collect 5,000 sheets of paper in a semester which will create 100 upcycle binders!

Bike Repair Kits for Residence Hall Front Desks for \$1,516

As the Alternative Transportation Group we strive to increase the number of students riding their bikes to campus. One of the greatest obstacles to riding a bike is having a flat tire or mechanical problems. Often times these problems are really easy to fix, it's just a matter of having the tools and the know-how. Being able to fix a flat yourself and making simple repairs also makes riding a bike significantly cheaper due to savings on repair costs. With this in mind in 2013 the Alt. Trans Group received SFAC funding to purchase bike repair stations. These stations were really well received, but unfortunately over time they were vandalized and many of the tools were stolen. They were highly used, but unfortunately regularly replacing the tools is unsustainable. In order to expand access to these services in the residence halls, we want to purchase a basic bike repair kit and bike pumps to be checked on at the front desk of every single residence hall.

Conservation of Bats in Chico for \$6,691

This project discusses the importance of bats in rural and urban landscapes. Through funding, the project would include documenting the species of bats present and monitoring their activity, the installation of bat houses to attract and provide stability for bats, and data collection that would be shared with local farmers, faculty, students, staff, and the local community.

Dual Flush Enterprise for \$3,050

This project proposes the installation of water efficient toilets in the Shasta Residence Hall. By removing the current toilet valves, we would replace each of them with an up-to-date sustainable dual flush valve system. The hope is to ultimately lower the waste of water in Shasta.