

2018-19 Green Fund Grants

4D Longhorn Construction Waste Visualization and	Awarded to Drs. Kasey Faust and Fernanda Leite, Civil, Architectural and Environmental Engineering. Construction is the norm on campus, and this project aims to both understand (with 4D simulation) and determine potential avenues of reuse for the waste generated by these activities.	\$43,800.00
Cotton Recycling Systems for Solid Waste Reduction and Fashion Sustainability Enhancement	A faculty research award granted to Dr. Jonathan Chen and colleagues in the Division of Textiles and Apparel, School of Human Ecology. Even though cotton production has significant environmental impact, cotton recycling is not the norm. This project will start a student-led recycling center and upgrade UT patent-pending technology for converting material into new rayon fabric.	\$59,446.00
State of the Food System at UT Austin	Awarded to Community and Regional Planning graduate students Clare Zutz and Elisabeth Altazan in collaboration with the Office of Sustainability. After creating an inventory of food vendor current practices on campus and surveying faculty, students and staff about values and needs linked to food, this project seeks to create, share and present a baseline report about campus food system with the aim to increase sustainable practices on campus.	\$5,000.00
Quantifying Air Pollution on University Lands Utilizing Satellite Data	A research award granted to graduate student Sahil Bhandari, Chemical Engineering. Using remote sensing and “quick” techniques, this project will estimate pollutant emissions on University Lands due to petroleum production.	\$5,000.00
Maximizing Comfort and Energy Savings on Campus	A research award granted to graduate student Jose Ramon Vazquez-Canteli, Civil, Architectural and Environmental Engineering. By collecting data on room temperature comfort-level from hundreds of people across campus, this project aims to help UT Utilities save energy as well as research thermal comfort.	\$5,000.00
Environ Implementation	Awarded to Dr. Paul Toprac, Computer Science. This project will provide the finishing touches—as well as accompanying curriculum development—to an educational game developed by UT students at the SAGA lab that helps users understand balancing economic and environmental sustainability.	\$9,325.00
unEarthed	Awarded to student organization Design for America. Visuals are central to creating change, and this project will construct an art installation in Jester City Limits to teach campus about the importance—and how-to—of composting.	\$2,082.00

Battle of Waller Creek Anniversary Activism Exhibit and Catalogue	Awarded to Dr. Allan Shearer, faculty in the School of Architecture (SOA), to celebrate the 50th Anniversary of the Battle of Waller Creek—when students protested the removal of trees for the expansion of the stadium. This grant will fund a commemorative exhibit designed by SOA and the Moody College of Communications students.	\$31,641.00
Waller Creek Working Group	Awarded to Dr. Mary Poteet, Geological Sciences and Texas Institute for Discovery Education, and colleagues. This grant is to fund the second year of a project, continuing the development of the Waller Creek archive and data repository, expanding water chemistry research, working with Blue Index, and encouraging citizen science.	\$23,000.00
Energy Saving Motion Sensor Installation for the Nuclear Engineering Teaching Laboratory (NETL)	Awarded to staff in Mechanical Engineering and Nuclear Engineering. To align this laboratory at the Pickle Research Campus with UT's energy conservation goals, motion sensors will be added to reduce electricity consumption because of lighting.	\$3,722.00
East Mall Rain Garden Project	Awarded to McCombs School of Business student organization Net Impact, working in collaboration with Landscape Services. Imagine the Martin Luther King Jr. statue surrounded by native plants permanently tended by a rain garden: this project aims to remake the degraded lawns of the East Mall.	\$9,000
Half-Pint Urban Prairie	Awarded to student organization the Campus Environmental Center. Working with UT's Landscape Services and the Lady Bird Johnson Wildflower Center, this project aims to bring a native Blackland prairie to campus to educate people about native grasses and plants.	\$47,600.00
UHD Battery Recycling	Awarded to staff in University Housing and Dining. This project will establish battery recycling stations in the dorms.	\$6,663.00
Best Practices in Professional Theater	Awarded to student Iman Corbani of Theater and Dance with an aim to expose environmental waste and rehearsal practices in professional theatre. The funding of this project assists the production of Mr. Burns: A Post-electric Play as well as educational opportunities that will accompany the waste audit and other events	\$50,630.00
Recycling at J.J. Pickle Research Campus	Awarded to staff affiliated with the Center for Electromechanics. This project will help staff align their laboratory with UT's zero waste goals by funding signage and other materials.	\$2,500.00

Waste Free Longhorn Band (LHB)	Awarded to the Longhorn Band Student Association. In an effort to reduce waste generated by 380 band members during football games, this project will add water filling stations in the Butler School of Music and fund non-disposable options for food and drink.	\$3,900.00
Medsafe at the Forty Acres Pharmacy	Awarded to staff at the campus' pharmacy. This project continues funding of a medicine take-back program operated by the pharmacy on campus. Take back programs prevent the addition of unused medicine to the landfill and water system, as well as reducing the likelihood of improper consumption of prescriptions by people.	\$3,120.00