The Green Initiative Fund – Students Support Sustainability

The Green Initiative Fund (TGIF) Grants Committee **has announced Major Grants for 2018-19.** Project name, dollar amounts awarded, student project leaders and their majors, and additional project leaders are:

- Rooftop Garden (Planning Phase), $780; Brooke Garcher, Sustainable Environmental Design, Vanessa Lovel, Sustainable Agriculture and Food Systems, and Kelli O'Day, ASUCD CoHo Production Manager and Sustainability Coordinator
- Unitrans Near-Zero Emission Bus Propulsion System Pilot, $20,000; Richard Bramble, Engineering, and Jeff Flynn, ASUCD Unitrans General Manager
- Dutton Hall Hydration Stations, $14,700; Don Dudley, Student Support and Judicial Affairs, and Ronda Papas, Student Accounting
- Biological Orchard and Gardens Final Site Development, $19,934; Andra George, Animal Biology, Kelly Richmond, Plant Sciences, and Ernesto Sandoval, Botanical Conservatory Manager/Curator
- Bioremediation for Stormwater Runoff, $11,010; Amanda Ho, Environmental Science and Management
- Indigenous Foods Seminar Series, $5,080; Ellen Sanders-Raigosa, Environmental Policy and Planning, and Jacquelyn Ross, Undergraduate Admissions
- Native Pollinator Hedge Rows and Gardens at the UC Davis Equestrian Center, $10,000; Meg Drescher and Holly Fox, Equestrian Center-Campus Recreation
- Solar Compactors for Outdoor Compost Collection, $20,000; Sue Vang, Engagement and Zero Waste Program Manager

TOTALS: 8 of 18 submitted projects funded, 7 projects returned for possible revision and resubmission in the Fall. Total awarded: $101,504

In January, the Committee also awarded **Mini-Grants for small projects and student research:**

- Aggie Rack Restoration Project with Recycled Bike Parts, $2000; Bryan Sykes, Political Science, Bianca Antunez, Aggie Distribution Student Manager, and Laurie Pederson, Aggie Business Development Manager
- Aggie Reuse Store Revitalization, $1415; Nicole Garcia, Communication
- Aggie Stadium Zero Waste Signage, $1990; Sue Vang, Engagement and Zero Waste Program Manager
- Calculating the UC Davis Campus Nitrogen Footprint, $1350; Miroslava Munguia, Environmental Science, and Elizabeth Castner, Geography
- CoHo Waste Diversion, $2000; Brooke Garcher, Sustainable Environmental Design, and Kelli O'Day, CoHo Sustainability Coordinator
- Ethical Eating and World Peace Speaker, $300; McKenna Maxwell, Environmental Science and Management, and Ili Zisman, Animal Science

- Floating Island in the Arboretum Waterway to improve Water Quality, $2000; Kendal Hicks and Tiffani To, Environmental Science and Management, and Nina Suzuki, Arboretum and Public Garden Waterway Steward
- Fragrance-Free UC Davis, $1395; Claire Montgomery, Nutrition and Music, and Liza Grandia, Associate Professor of Native American Studies
- Fresh Focus Program: Gleaning Coordinator, $1960; Dana Ng, Sustainable Agriculture and Food Systems, and Katharine Ullmann, Director of Student Farm
- Increasing Landfill Diversion within AEPi Fraternity, $800; Zachary Jamison-Cash, Biomedical Engineering & Managerial Economics, and Daniel Vainish, Political Science
- Incentivizing Recycling Behavior Through Interactive Waste Bins, $800; Joel Montalvo, Undeclared Life Sciences, and Sue Vang, Engagement and Zero Waste Program Manager
- Inclusive Sustainability Marketing to Residence Halls, $635; Isabella Jimenez, Pre-Landscape Architecture
- Low Impact Design Monitoring in the Arboretum, $2000; Vita Sandhu, Environmental Science and Management (Watershed Track)
- Medicine Collection Bin, $2000; Melissa Oh, Business/Managerial Economics, and Joanne Brasch, Lecturer-Textiles and Clothing
- Picnic Day Zero Waste Children's Discovery Fair, $583; Elisa Pohlhammer, Human Development and Psychology
- Project Invigorate: Sustainable Horticulture and Landscape Redesigns, $1992; Chen Zhong, Sustainable Environmental Design, and Heigi Wan, Viticulture and Enology
- Research: Reduction of toxic phenolic compounds in olive oil waste streams, $1244; Chelsey Souza, Pharmaceutical Chemistry, and Lauren Crawford, Food Science and Technology
- Research: Kinetics study and optimization of crude urease extract, $1750; Kahui Lim, Civil Engineering
- Research: Smart Trash Can, $1990; Pranav Gupta, Navid Al Nadvi, Jenny Yang, and Andrew Shephard, Computer Science and Engineering
- Solar-Heater Radiant Floor Upgrade at The Domes, $1440; Jake Parkhurst, Mechanical Engineering
- Solar Powered Ventilation and Education at the Student Farm's Greenhouse, $1550; Noah Coleman, International Agricultural Development, and Raoul Adamchak, Market Garden/CSA Coordinator, Student Farm
- Sustainable Greek Life, $252; Vivian Connolly, Environmental Science and Management
- The Happiness Project: Sustainable Self Care, $370; Maria Bundang, Psychology, and Lilianna Russu, Communication and Cognitive Science
- Yolo County Farmworker Justice Awareness Project, $1000; Matt Bridges, International Agricultural Development

TOTALS: 26 of 30 submitted projects funded. Total Mini-Grant funds awarded: $32,816

Projects awarded this year involved students from **19 different majors.**
Priority is currently given to projects that involve undergraduates and that are located on the central UC Davis campus.

The 2017-18 Grants Committee comprised students Sarah Risher, Lois Kim, Chris Flores, Brooke Garcher, Nick Griswold, and Chiara Olmes-Leiva (alternate), as well as Annaliese Franz (faculty), Bob Segar (Fall/Winter staff), and Camille Kirk (Spring staff). The program is managed by a 50% time Grant Programs Manager in the Office of Sustainability. Financial mentoring and support to the Committee was provided by Laurie Carney, Principal Budget Analyst; Diane Jellison, Senior Budget Analyst; and Greg Ortiz, Interim ASUCD Business Manager. Many departmental fiscal managers across the university supported students' individual projects. Proposals are currently accepted twice a year and evaluated by a Grants Committee that includes students, faculty, and staff (students hold a majority).

New funding cycles will open in Fall 2018-19. Interested students, staff, and faculty may sign up for our coming newsletter at TGIF@ucdavis.edu or watch for our refreshed and augmented website over the summer.

ABOUT Grantsmanship
Students who work with the TGIF Grants Committee or as a TGIF intern gain opportunities to develop, evaluate, and fund sustainability projects and research. Those who graduate with grantsmanship experience will be better positioned for careers as program officers and analysts at state agencies, in private consulting firms, at federal agencies such as the National Science Foundation (NSF) and National Institutes for Health (NIH), and at private foundations such as Moore, Hewlett, and 11th Hour/Schmidt. They will be better prepared for graduate school and grant-intensive research careers, as well as for work with nonprofits or in proposal-intensive corporate careers. The TGIF Committee welcomes students in all majors and seeks to build a collegial team that represents the diversity of the UC Davis campus while making wise use of student funds to support projects across the full spectrum of campus sustainability.