The University of Texas at Austin
Green Fee Committee
Final Report 2013-2014
1 EXECUTIVE SUMMARY

This was the Green Fee’s busiest year to date, with 31 new projects, continuing activity from the previous two funding cycles, and an additional fall cycle to fund eight more projects out of excess and reclaimed funds from previous years. The Office of Sustainability and the Green Fee Committee worked with the McCombs School of Business on two semesters of a custom internal audit of the program’s functions and decision-making.

Waste and energy use reduction continued to be common themes of Green Fee projects, along with concern for Waller Creek and the integrated environment: buildings, grounds, water, and air. Momentum continued to gather on campus for using the physical campus as a learning lab, including its cultural and physical history, to study its long-term impact on environmental health.

The student-run UT MicroFarm is abundantly productive, and provides employment and volunteer opportunities to dozens of students each semester.

2 LIST OF PROJECTS AND GRANT AMOUNTS

2.1 PROJECTS FUNDED IN SEPTEMBER 2013

Important note: the ‘Amount Expended’ is an official capture of the balance remaining at the end of fiscal year 2013-2014, and nothing more. While this figure is useful in determining which projects have expended all funds, cancelled, stalled, or ongoing projects require additional contextual explanation for failure to expend all funds in this fiscal year.

Original Proposal Name Building Stewardship: UT Sustainability Engagement Dashboard
Grantee Names and (Affiliations) Barbara Wilson (faculty, School of Architecture), Catie Carter (graduate student)
Original Funded Amount $45,627
Amount Expended $27,092
Original Administrative Department School of Architecture, Center for Sustainable Development
Primary Contact Barbara Wilson
Duration September 2013 – December 2014
<table>
<thead>
<tr>
<th>Original Proposal Name</th>
<th>The Biodiesel Alternative and From Fryer Waste to Fueling Wheels</th>
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<tbody>
<tr>
<td>Grantee Names and (Affiliations)</td>
<td>Kendall Ernst (graduate student)</td>
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<td>Amount Expended $8,310</td>
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<td>Primary Contact</td>
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<th>Original Proposal Name</th>
<th>Campus Environmental Center Operating Funds, Year III</th>
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<td>Grantee Names and (Affiliations)</td>
<td>Jennifer Hobson (staff, Facilities Services), Faith Shin (student)</td>
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<td>Original Funded Amount $29,950</td>
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<td>Primary Contact</td>
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<td>Grantee Names and (Affiliations)</td>
<td>Jess Miner (staff, School of Undergraduate Studies, Academic Initiatives), Alice Gerhart (staff, Office of Sustainability)</td>
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<td>Original Funded Amount $25,500</td>
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<td>Primary Contact</td>
<td>Jess Miner, Alice Gerhart</td>
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<th>Original Proposal Name</th>
<th>Applying Fungal Endophytes to Plants to Increase Plant Drought Tolerance and Reduce Irrigation Cost</th>
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<tr>
<td>Grantee Names and (Affiliations)</td>
<td>Elise Worchel (graduate student), Justin Shih (student), Stefanie Lane (student), Dr. Christine Hawkes (faculty, Department of Integrative Biology)</td>
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<td>Amount Expended $3,930</td>
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<td>Primary Contact</td>
<td>Elise Worchel</td>
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<td>Duration</td>
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<th>Original Proposal Name</th>
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<td>Grantee Names and (Affiliations)</td>
<td>Connor Anderson (student), Jaclyn Kachelmeyer (student)</td>
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<td>Primary Contact</td>
<td>Connor Anderson, Jaclyn Kachelmeyer</td>
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<td>Duration</td>
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<td>Wills Brown (student, vice-president, Student Government)</td>
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<td>Amount Expended $7,500</td>
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<td>Original Administrative Department</td>
<td>Office of Sustainability</td>
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Primary Contact: Jim Walker  
Duration: September 2013 – August 2014

Original Proposal Name: Food Recovery Network  
Grantee Names and (Affiliations): Parker McCorkle (student)  
Original Funded Amount: $3,500  
Amount Expended: $3,500  
Original Administrative Department: Office of Sustainability (with Food Recovery Network)

Current Primary Contact: Theodore Garber  
Duration: September 2013 – August 2014

Original Proposal Name: Green Greeks  
Grantee Names and (Affiliations): Elizabeth Harroun (student)  
Original Funded Amount: $10,000  
Amount Expended: $2,527  
Original Administrative Department: Facilities Services, Campus Environmental Center

Primary Contact: Jennifer Hobson  
Duration: September 2013 – August 2014

Original Proposal Name: Water Filling Stations for CLA  
Grantee Names and (Affiliations): Alenis Leon (student)  
Original Funded Amount: $5,290  
Amount Expended: $4,737  
Original Administrative Department: College of Liberal Arts

Primary Contact: Alenis Leon  
Duration: September 2013 – August 2014

Original Proposal Name: LBJ Green Society Composting  
Grantee Names and (Affiliations): Kathryn Flowers, Nora Ankrum, Chihiro Takeda (graduate students)  
Original Funded Amount: $1,000  
Amount Expended: $807  
Original Administrative Department: Office of Sustainability (with LBJ Green Society)

Primary Contact: Chihiro Takeda  
Duration: September 2013 – August 2014

Original Proposal Name: UT Microfarm Years III-V  
Grantee Names and (Affiliations): Jennifer Hobson (staff), Dominique Vyborny (student)  
Original Funded Amount: $15,000 annually  
Amount Expended: $16,928 (includes rollover from previous years)  
Original Administrative Department: Facilities Services, Campus Environmental Center

Primary Contact: Dominique Vyborny  
Duration: August 2013 – August 2014

Original Proposal Name: Orange Bike Project – Daily Rental & Extended Services  
Grantee Names and (Affiliations): Samuel Cortez (PTS), Victor Harris (Orange Bike Project)  
Original Funded Amount: $28,000  
Amount Expended: $22,958  
Original Administrative Department: Parking and Transportation Services

Primary Contact: Michael Nguyen  
Duration: September 2013 – August 2014
Original Proposal Name: Piezoelectricity Generation from Walking  
Grantee Names and (Affiliations): Saurabh Limaye (student, Engineers for a Sustainable World)  
Original Funded Amount: $2,500  
Amount Expended: $582  
Original Administrative Department: Cockerell School of Engineering, Mechanical Engineering  
Primary Contact: Saurabh Limaye, Robert Noriega  
Duration: September 2013 - ongoing

Original Proposal Name: Rainwater Capture for Potable Use  
Grantee Names and (Affiliations): Shannon Harris (graduate student)  
Original Funded Amount: $5,000  
Amount Expended: $4,869  
Original Administrative Department: School of Architecture, Center for Sustainable Design  
Primary Contact: Shannon Harris  
Duration: June 2013 – October 2014

Original Proposal Name: Battery Recycling in RLM  
Grantee Names and (Affiliations): Sarah Kim (student)  
Original Funded Amount: $7,145  
Amount Expended: $2,111  
Original Administrative Department: Office of Sustainability  
Primary Contact: Alice Jean  
Duration: September 2013 – December 2014

Original Proposal Name: Student Engineering Council E-Waste Drive Expansion  
Grantee Names and (Affiliations): Anuj Kudva (student)  
Original Funded Amount: $3,000  
Amount Expended: $2,660  
Original Administrative Department: Cockerell School of Engineering, Student Engineering Council  
Primary Contact: Anuj Kudva  
Duration: October 2013 – March 2014

Original Proposal Name: Solar Powered Kiosk and Study Area  
Grantee Names and (Affiliations): Delia Brownson (faculty, College of Natural Sciences)  
Original Funded Amount: $51,000  
Amount Expended: $70,089 (merged funds with previous solar station grant)  
Original Administrative Department: Office of Sustainability  
Primary Contact: Karen Blaney  
Duration: September 2013 – June 2014

Original Proposal Name: Evolution of Waller Creek Storm Water Quality  
Grantee Names and (Affiliations): Jeff Senison (graduate student)  
Original Funded Amount: $5,000  
Amount Expended: $4,299  
Original Administrative Department: Jackson School of Geosciences
Primary Contact Corinne Wong
Duration May 2013 – September 2014

Original Proposal Name Texas City Lab
Grantee Names and (Affiliations) Barbara Wilson (faculty, School of Architecture)
Original Funded Amount $21,625
Amount Expended $21,625
Original Administrative Department School of Architecture, Center for Sustainable Design
Primary Contact Kaethe Selkirk
Duration September 2013 – August 2014

Original Proposal Name University Health Services Waste Reduction
Grantee Names and (Affiliations) Kathy Mosteller (staff, University Health Services)
Original Funded Amount $40,000
Amount Expended $16,165
Original Administrative Department University Health Services
Primary Contact Stephanie Ng
Duration September 2013 – ongoing

Original Proposal Name UTeach Outreach Year III
Grantee Names and (Affiliations) Mary Miller (staff, College of Natural Sciences)
Original Funded Amount $9,176
Amount Expended $12,321 (includes funds carried over from 12-13)
Original Administrative Department College of Natural Sciences, UTeach Outreach
Primary Contact Mary Miller
Duration September 2013 – August 2014

Original Proposal Name Benefit-Cost Analysis of Reduced Ventilation in Lab Buildings
Grantee Names and (Affiliations) Josh Aldred (graduate student)
Original Funded Amount $50,000
Amount Expended $34,816
Original Administrative Department Cockerell School of Engineering, Civil, Architectural, and Environmental Engineering
Primary Contact Josh Aldred
Duration October 2013 – December 2014

Original Proposal Name Waller Creek Awareness
Grantee Names and (Affiliations) Sam Lillard (student)
Original Funded Amount $4,365
Amount Expended $734
Original Administrative Department Office of Sustainability
Current Administrative Department Environmental Health & Safety
Primary Contact Carin Peterson
Duration September 2013 - ongoing

Original Proposal Name Water Filling Stations for SASI
Grantee Names and (Affiliations) Kristin Bongiovanni (staff, School of Information)
Original Funded Amount $2,500
Amount Expended $1,532
Original Administrative Department School of Information
Primary Contact Kristin Bongiovanni
Duration October 2013 – January 2014

Original Proposal Name Improving Stormwater Quality with Bioretention Gardens
Grantee Names and (Affiliations) Lauren Goulding (graduate student)
Original Funded Amount $56,348
Amount Expended $791
Original Administrative Department Office of Sustainability
Primary Contact Lauren Goulding
Duration September 2013 – ongoing

Original Proposal Name Foam Recycling Pilot Year II
Grantee Names and (Affiliations) Karen Blaney (staff, Office of Sustainability)
Original Funded Amount $9,500
Amount Expended $5,090
Original Administrative Department Office of Sustainability
Primary Contact Karen Blaney
Duration September 2013 – December 2014

Original Proposal Name Chemical Lab Waste Reduction (Steel)
Grantee Names and (Affiliations) Grace Lahasky, Jeremy Ghadially (students)
Original Funded Amount $15,000
Amount Expended $0
Original Administrative Department Office of Sustainability
Primary Contact Grace Lahasky
Duration Project Cancelled

Original Proposal Name Sustainable Documentary Competition
Grantee Names and (Affiliations) Heather Rovner (student)
Original Funded Amount $7,750
Amount Expended $0
Original Administrative Department Office of Sustainability
Primary Contact N/A
Duration Project Cancelled

Original Proposal Name Irrigation Lab at MicroFarm
Grantee Names and (Affiliations) David Comer (student)
Original Funded Amount $7,105
Amount Expended $0
Original Administrative Department Office of Sustainability
Primary Contact David Comer
Duration Project Cancelled

Original Proposal Name Bat House Installation and Maintenance at Concho Community Garden
Grantee Names and (Affiliations) Amanda Hanzel (student)
Original Funded Amount $3,007
Amount Expended $0
Original Administrative Department N/A
Primary Contact N/A
Duration Project Cancelled
2.2 **Projects Funded in November 2013**

*Original Proposal Name* Integrated Landscape Design  
*Grantee Names and (Affiliations)* Markus Hogue (staff, Landscaping), Hirokazu Horikoshi (student)  
*Original Funded Amount* $17,650  
*Amount Expended* $2,585  

*Original Administrative Department* Facilities Services, Landscaping  
*Primary Contact* Markus Hogue  
*Duration* December 2013 – ongoing

*Original Proposal Name* Waller Creek in Urban Eco Infrastructure  
*Grantee Names and (Affiliations)* Sarah Dooling (faculty, School of Architecture)  
*Original Funded Amount* $19,300  
*Amount Expended* $2,375  

*Original Administrative Department* School of Architecture  
*Primary Contact* Sarah Dooling  
*Duration* December 2013 – August 2015

*Original Proposal Name* Tree Nursery Years IV and V  
*Grantee Names and (Affiliations)* Damon Waitt, Sean Watson (staff, Wildflower Center), Jim Carse (staff, Landscaping), Vlad Codrea (graduate student)  
*Original Funded Amount* $11,520  
*Amount Expended* $4,329  

*Original Administrative Department* Campus Environmental Center/Wildflower Center  
*Primary Contact* Sean Watson  
*Duration* December 2013 – ongoing

*Original Proposal Name* Environmental Equity Symposium  
*Grantee Names and (Affiliations)* Eric Hersh, Eric James (faculty, Environmental Science Institute)  
*Original Funded Amount* $8,298  
*Amount Expended* $3,555  

*Original Administrative Department* Jackson School of Geosciences, Environmental Science Institute  
*Primary Contact* Eric Hersh  
*Duration* September 2013 – ongoing

*Original Proposal Name* Longhorn Lights Out  
*Grantee Names and (Affiliations)* Ana Thiemer, Stephanie Perrone (staff, Facilities Maintenance)  
*Original Funded Amount* $19,300  
*Amount Expended* $17,092  

*Original Administrative Department* Facilities Services, Facilities Maintenance  
*Current Primary Contact* Matt Stevens (staff)  
*Duration* December 2013 – ongoing

*Original Proposal Name* Thermal Lab  
*Grantee Names and (Affiliations)* Darren Cattle (graduate student)  
*Original Funded Amount* $1,000  
*Amount Expended* $324  

*Original Administrative Department* School of Architecture  
*Current Primary Contact* Darren Cattle  
*Duration* December 2013 – ongoing
Original Proposal Name RightCycle Nitrile Diversion Pilot Program
Grantee Names and (Affiliations) Tyler Schulze (student)
Original Funded Amount $8,546
Amount Expended $303
Original Administrative Department Office of Sustainability
Primary Contact Karen Blaney
Duration December 2013 – December 2014

Original Proposal Name Reusable Bags from Student Government
Grantee Names and (Affiliations) Michael Ugeo Williams, Connor Hughes, Andrew Grant Houston (students)
Original Funded Amount $6,600
Amount Expended $0
Original Administrative Department Office of Sustainability
Primary Contact N/A
Duration Project Cancelled

2.3  ONGOING PROJECTS (NO NEW FUNDING)
Original Proposal Name Solar Powered Campus
Original Granting Year 2011
Rollover Funds $8,095
Amount Expended $8,095
Administrative Department Office of Sustainability
Primary Contact Karen Blaney, Beth Ferguson
Duration Project concluded June 2014

Original Proposal Name Composting at Darrell K. Royal Stadium
Original Granting Year 2012
Grantee Names and (Affiliations) Lauren Womack
Rollover Funds $1,135
Amount Expended $1,135
Administrative Department Office of Sustainability
Primary Contact Karen Blaney
Duration Project concluded in April 2014

Original Proposal Name School of Music Landscape Rehabilitation
Original Granting Year 2012
Grantee Names and (Affiliations) Aimi Tanada
Rollover Funds $30,000
Amount Expended $7,561
Administrative Department Office of Sustainability
Primary Contact Jim Walker, Karen Blaney, Aimi Tanada
Duration Ongoing

Original Proposal Name Interior Water Bottle Fillers
Original Granting Year 2011
Grantee Names and (Affiliations) Karen Blaney, Pat Mazur
Rollover Funds $4,919
Amount Expended $1,411
Administrative Department Office of Sustainability
Primary Contact Karen Blaney
Duration Final installations in October 2013

Original Proposal Name Green Roof at the LBJ Wildflower Center
Original Granting Year 2012
Grantee Names and (Affiliations) Andrea DeLong-Amaya (staff, Wildflower Center)
Rollover Funds $44,637
Amount Expended $39,388
Administrative Department Ladybird Johnson Wildflower Center
Primary Contact Andrea Delong-Amaya
Duration Project concluded March 2015

Original Proposal Name Occupancy Sensors in McCombs
Original Granting Year 2012
Grantee Names and (Affiliations) Project turned over to Matt Stevens, Stephanie Perrone, Meagan Jones in Energy & Water Conservation Program, Facilities Maintenance
Rollover Funds $2,452
Amount Expended $2,452
Administrative Department Facilities Maintenance
Primary Contact Stephanie Perrone
Duration Projects completed in May 2014

Original Proposal Name ESI Hot Science, Cool Talks Videos
Original Granting Year 2011
Grantee Names and (Affiliations) Eric James (faculty), Brandon Wallace (student)
Rollover Funds $8,296
Amount Expended $7,796
Administrative Department Environmental Science Institute
Primary Contact Eric James
Duration Project reconciled and concluded in March 2014

Original Proposal Name Campus Energy Visualization
Original Granting Year 2012
Grantee Names and (Affiliations) Riley Triggs (faculty, Art and Art History/Design)
Rollover Funds $17,196
Amount Expended $600
Administrative Department Art and Art History
Primary Contact Riley Triggs
Duration Project concluded in spring 2014 but final report never submitted

3 COMMITTEE MEMBERSHIP

Collin Roland, Chair (Campus Environmental Center) Environmental Science
Leo Chen, Vice-Chair (Student Government) McCombs School of Business
Jay Banner (Faculty)
Donna Bellinghausen (Student Affairs)
S. David Comer (Student Government) Environmental Science
Evan Fleming (Graduate Student Assembly) Mechanical Engineering
R. Scott Hickle (At-Large) Geosystems Engineering
Dakota Stormer (At-Large) Chemical Engineering – fall 2013 only
Jim Walker (Operations)
Committee activity picked up immediately in September 2014 to address the open call for projects between September 1 and October 1, 2014, as well as review amendments from 2012 projects and monitor the work of a group of MPA students from the McCombs School of Business. The call for proposals went smoothly, but interfered somewhat with the normal business of ‘launching’ the already-funded projects and reporting on the previous year. The Committee concluded deliberations in November 2013, and granted out approximately $95,000 in previously unused and returned funds. All approved projects were issued funds and began work immediately after notification.

During the fall, the Committee began using UT Box (a version of the popular file-sharing system DropBox) to handle project amendments. Box allows the committee members to review files and add comments or questions that are visible to the other members. Votes are due on amendments two weeks after the initial upload.

The spring funding cycle also proceeded similarly to previous years. The applications’ scores were reviewed along with a discussion of feasibility, student engagement, and environmental service to campus. The Committee and Office of Sustainability added increased rigor to grantee commitment to supporting the program via timely reporting and provision of any extra documentation, such as pictures or media coverage.

The MPA internal audit students in the Fall and Spring added a new component to Committee work. The inspiration for partnering with this class began with the collaborative composition of a Guide to Campus Green Funds published by the Association for the Advancement of Sustainability in Higher Education (see appendix). The Guide included a chapter on evaluation for campus green funds, and the Office of Sustainability and the Committee were jointly interested in applying some of these ideas to our own program. The Internal Audits course was a way to invite students to apply their organizational knowledge.

The Fall 2013 group examined the foundational documents of the Green Fee, including the original student referendum, the bylaws, and the state legislation enabling the Fee. After gaining an understanding of the priorities laid out in these documents, they examined the conduct of the Committee and the funding decisions to date to establish whether the Committee was in compliance with the founding documents. The overall conclusion was yes, the Committee, three years into the program, were indeed successfully meeting the terms of the original documents. The areas for improvement included greater attention to awareness on campus, especially in the recruitment of at-large members, and greater attention to the criteria for selecting projects. Each project to date has had a demonstrable environmental benefit to campus related to infrastructure improvements and/or student employment, two major points in the state legislation. However, the founding legislation contains confusing wording in regards to research projects, and the Committee agreed on a standard approach to soliciting applications in order to better align with the legislative language.

The Spring 2014 group created a first effort regarding Key Performance Indicators for Green Fee projects, based on the Green Fund Implementation Guide published by AASHE, the Committee’s scoring process, and reporting completed thus far by existing projects. They produced four KPI’s that may be applied to all projects, and several more that may or may not be applied depending on the subject matter and intended outcomes of the project. These KPI’s can be found in the Appendices of this annual report.
5 Project Results

5.1 General Comments and Lessons Learned
Two major factors continue to influence the success of Green Fee projects. One is the commitment level, availability, and expectations of the students leading projects. The other is university bureaucracy. Occasionally, these two affect the same project! Student dedication to projects is unpredictable, since it depends on the individuals, but experience continues to suggest that projects without a sponsoring department, staff member, or faculty member need to quickly establish strong stakeholder connections if they are to succeed. The most pertinent example from this year is the Sustainable Documentary (Green Film) Competition, which was a strong idea from a loose collective of undergraduates that did not move forward because they could not establish connections with potential collaborators. In this case, unknowable personal factors probably came into play as well (class commitments, for example).

University bureaucracy can also severely limit projects. A proposal for Bioretention Gardens was initially funded, then denied approval based on site review, then revived to join forces with 2012’s School of Music landscape renovation. Even with the combined ideas of the projects and the existence of a high-need site between the Performing Arts Center and Butler School of Music, the projects had to be put on hold while the university created a Landscaping Master Plan.

Given that neither of these factors can be predicted or mitigated with perfect accuracy, the best approach is to help manage the applicants’ expectations, and take university governance into account when selecting projects to fund.

5.2 Physical Changes to Campus
Compared to previous years, the physical impact on campus from projects funded this year was relatively small. Projects funded in 2011 and 2012 continued with waste reduction and contributions such as fresh produce (MicroFarm and Concho Community Garden) and reduced water usage (HRC Landscape Renovation), but in terms of 2013 projects, the biggest “new” change was the installation of two custom solar charging stations at 23rd & San Jacinto near the ART building, and on the PCL Plaza. This was the culmination of both the 2011 Solar Powered Campus grant from Megan Archer, Austin Jorn and Eric Swanson, and the 2013 grant from SURGe in the College of Natural Sciences. The stations are sturdy, ADA-compliant, and feature the latest solar technology available in small scale. They are capable of charging approximately 700 phones with one battery charge, and are designed to be gathering points on campus with a number of flexible uses, academic and social.

Students proposed another Waller Creek cleanup project, which achieved one successful collaboration with Environmental Health and Safety before the grant was handed over to EH&S to select and purchase future incentives for student participation.

Finally, an innovative collaboration between UT Landscaping and the School of Architecture resulted in the study of several over-irrigated areas on campus, with a proposal for water-use reduction. Unfortunately, the same delay related to the Landscape Master Plan process affected this project.

5.3 Academic and Research Outcomes
This year saw a number of successful research projects from Integrative Biology, Civil, Architectural and Environmental Engineering, the Jackson School of Geosciences, and the School of Architecture, including its Center for Sustainable Design. Each project was relevant to campus and addressed an issue with great potential to engage and educate students. These included:

- Water conservation, by way of examining drought-tolerant plants (Worchel) and methods of rainwater recapture on buildings (Harris).
- The impact of Waller Creek on campus and regional health, by examining the sources of contaminants in storm water (Senison and Wong) and how Waller Creek affects campus development (Dooling).
• Forms of renewable energy that are not currently utilized on campus: biodiesel (Ernst) and piezoelectricity (Engineers for a Sustainable World).
• Energy conservation by way of reducing ventilation requirements for labs (Aldred).
• Exploring environmental justice and understanding the impact of policy and logistical decisions on local human populations statewide (Hersh).
• Using campus as a ‘living lab’ by studying the historical impact of individual buildings (Carter) and formulating a program to allow campus to develop extensive partnerships with Texas cities to solve sustainability problems (Wilson, Selkirk).

Each of these areas of research resulted in significant learning opportunities for students and faculty, adding to the body of knowledge about our campus and affecting future operational decisions.

The Battle Hall Engagement Dashboard with the School of Architecture gave students the chance to integrate the impacts of physical structures over time with their cultural and historical significance.

5.4 STUDENT EMPLOYMENT AND VOLUNTEERISM
A significant number of students worked in Green Fee-funded campus jobs and found meaningful volunteer opportunities. The Green Fee Metrics and Measurement report published in June 2015 contains the most up-to-date information on student employment, but some specifics from this year follow.

UTeach Outreach continued to employ four students each semester to lead the educational tour program; approximately forty students per year lead the various tours and programs within UTeach. The audience for the programming is 300-400 K-6 students from a variety of nearby school districts.

The Campus Environmental Center employed two students at the Concho Community Garden, four at MicroFarm, one with Green Greeks, one with the Tree Nursery and five with Tailgate Recycling for a total of thirteen Green Fee-funded positions. Each of these programs also provided volunteer and engagement opportunities.

The Orange Bike Project, another long-running organization, employed two students working on bicycle shop management and a short-term rental program. The OBP has increased its flexibility in responding to campus demands, and is reviewing a change in location to be more accessible to students and improve its general facility.
The Waller Creek Cleanup was a collaboration between student grantees seeking to increase interest in the creek, and the annual cleanups organized by Environmental Health & Safety. The cleanups pull debris out of the creek, recycling solid plastic and metals, and disposing of all else safely rather than allowing it to degrade in the environment. This Green Fee grant increased simple incentives to students to participate in the cleanup, such as t-shirts and food. The event had nearly 200 volunteers in Spring 2014.

Food Recovery Network was another notable student volunteer effort that worked with the Frank Erwin Center and other food production venues around the campus area to transfer edible food to agencies assisting the homeless. Unfortunately, the Network did not provide a final report with metrics of food donated, but Green Fee funds were used for over 100 aluminum trays and storage boxes to transport the food. A core group of 5-6 students organized the daily pickups and transfers, and were certified Food Handlers in the State of Texas.

5.5 Waste, Water, and Energy
As is typical for Green Fee funding cycles, a significant number of projects dealt with core conservation issues such as waste, water, and energy conservation. Indoor and outdoor water bottle fillers were installed (also a physical change to campus as in Section 5.1) to encourage students to carry their choice of refillable container rather than buy bottled water, which is no longer available in as many locations.

Students also demonstrated an ongoing interest in difficult-to-divert waste streams. The Student Engineering Council continued a long-running e-waste drive wherein Green Fee funds boosted their ability to divert all materials collected. A nitrile glove recycling program was launched for labs in partnership with Kimberley-Clark, which repurposes the gloves into furniture and toys. Green Fee also enabled the monitoring of single-use battery recycling stations in RLM and SSB. Both the glove and battery projects provided better data for the campus on these materials, comparing the campus purchases to the amount collected.

Food waste was addressed with composting programs and redirection of food to needful populations in the city. One grant supported the launch of composting in the University Unions; the LBJ Green Society renewed their small grant for composting at their weekly luncheons, and the Food Recovery Network boosted its operations with supply purchases.

Possibly the most innovative grant went to University Health Services, which closely examined its operations to divert specialized waste such as cotton balls, tongue depressors, and paperboard. The graduate assistant employed to study and implement programs initiated training and standard procedures for all clinics, audited waste, and most recently, purchased tablet computers to eliminate paper waste and keep records more efficiently. Ideally, many of these practices will be carried over to the Dell Medical School clinics.

Energy conservation was represented with Longhorn Lights Out. By organizing students, staff, and faculty to turn off lights one evening per month, the Energy and Water Conservation Program was able to demonstrate the power of collective action.

This poster from April 2015 shows measurable results from Longhorn Lights Out. The Star Wars parody theme has proven attractive to volunteers.
6. **Financial Review**

6.1 **Main Account Budget**
The rollover into the main account from FY 2012-2013 was approximately $76,708. The annual transfer of $506,975 was made on 9/1/13, and $451,475 was made available to projects after obligating the Coordinator wages, contingency funds, and publicity overhead. The Committee subsequently granted $624,711 in project funds (two grant cycles) and reclaimed a further $83,065 in unused funds, leaving a year-end balance of approximately $16,536.

6.2 **Record of Transfers**

<table>
<thead>
<tr>
<th>Date</th>
<th>Program Transfer OA</th>
<th>TO 19 8640 5395</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/13</td>
<td>Program Administration</td>
<td>$ (25,500.00)</td>
<td>Coordinator Wages</td>
<td></td>
</tr>
<tr>
<td>8/31</td>
<td>Program Administration</td>
<td>$ (6,928.99)</td>
<td>Overhead/Advertising</td>
<td></td>
</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (38,127.00)</td>
<td>Battle Hall Dashboard</td>
<td></td>
</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (7,750.00)</td>
<td>Green Film Competition</td>
<td></td>
</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (3,900.00)</td>
<td>Irrigation at MicroFarm</td>
<td></td>
</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (56,348.00)</td>
<td>Bioretention Gardens</td>
<td></td>
</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (4,365.00)</td>
<td>Waller Creek Awareness</td>
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</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (1,000.00)</td>
<td>Food Recovery Network</td>
<td></td>
</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (15,000.00)</td>
<td>Lab Waste Reduction/Steel Cans</td>
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</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (4,695.00)</td>
<td>Battery Recycling RLM</td>
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</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (13,250.00)</td>
<td>Microfarm</td>
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</tr>
<tr>
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<td>Project Transfer</td>
<td>$ (3,205.00)</td>
<td>Irrigation at MicroFarm</td>
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</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (15,000.00)</td>
<td>Exterior Water Fountains</td>
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</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (2,450.00)</td>
<td>Battery Recycling RLM</td>
<td></td>
</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (5,000.00)</td>
<td>Stormwater Assessment Survey</td>
<td></td>
</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (25,500.00)</td>
<td>Course Dev and PLUS Awards</td>
<td></td>
</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (21,625.00)</td>
<td>Texas City Lab</td>
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</tr>
<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (28,000.00)</td>
<td>Orange Bike Project</td>
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</tr>
<tr>
<td>9/13</td>
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<td>$ (9,176.00)</td>
<td>Uteach Outreach</td>
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<td>9/13</td>
<td>Project Transfer</td>
<td>$ (40,000.00)</td>
<td>UHS Med Waste Reduction</td>
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<td>9/13</td>
<td>Project Transfer</td>
<td>$ (3,000.00)</td>
<td>SEC E-Waste Drive</td>
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<tr>
<td>9/13</td>
<td>Project Transfer</td>
<td>$ (5,000.00)</td>
<td>Rainwater Recapture</td>
<td></td>
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<td>9/13</td>
<td>Project Transfer</td>
<td>$ (1,750.00)</td>
<td>Microfarm</td>
<td></td>
</tr>
<tr>
<td>9/17</td>
<td>Project Transfer</td>
<td>$ (2,500.00)</td>
<td>School of Information Bottle Fillers</td>
<td></td>
</tr>
</tbody>
</table>

9/30 | Return | FROM 19 8640 6395 | $ 3.86 | PCL Recycling Bins |

9/30 | Return | FROM 19 8640 5795 | $ 3,557.39 | Safe Cycling Campaign |

9/30 | Return | FROM 19 8640 7795 | $ 1,701.95 | Shower Timers |

9/30 | Return | FROM 19 8640 7695 | $ 1,000.00 | Waller Creek Beautification |

9/30 | Return | FROM 19 8640 6895 | $ 11,068.08 | Pervious Surfaces Install |
<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>TO #</th>
<th>Amount</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/29/13</td>
<td>Amendment</td>
<td>TO 19 1730 0595</td>
<td>$2,500.00</td>
<td>Stormwater Assessment Survey</td>
</tr>
<tr>
<td>10/31/13</td>
<td>Project Transfer</td>
<td>TO 19 8640 5450</td>
<td>$51,000.00</td>
<td>SURGE Solar Station</td>
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<tr>
<td>12/11/13</td>
<td>Project Transfer</td>
<td>TO 19 0015 6295</td>
<td>$3,790.00</td>
<td>PTS Bike Projects</td>
</tr>
<tr>
<td>12/11/13</td>
<td>Project Transfer</td>
<td>TO 19 8640 6595</td>
<td>$21,760.00</td>
<td>Tree Nursery</td>
</tr>
<tr>
<td>12/11/13</td>
<td>Project Transfer</td>
<td>TO 19 9719 5595</td>
<td>$5,290.00</td>
<td>Liberal Arts Council Bottle Fillers</td>
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<tr>
<td>12/18/13</td>
<td>Project Transfer</td>
<td>TO 19 8660 2095</td>
<td>$17,650.00</td>
<td>Integrated Landscape Design</td>
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<tr>
<td>1/27/14</td>
<td>Return</td>
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<td>$9,685.89</td>
<td>HRC Landscape Renovation</td>
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<tr>
<td>1/27/14</td>
<td>Return</td>
<td>FROM 19 8640 5950</td>
<td>$2,450.00</td>
<td>HRC Landscape Renovation</td>
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<tr>
<td>2/3/14</td>
<td>Project Transfer</td>
<td>TO 19 8660 2150</td>
<td>$11,300.00</td>
<td>Longhorn Lights Out</td>
</tr>
<tr>
<td>2/3/14</td>
<td>Project Transfer</td>
<td>TO 19 8660 2120</td>
<td>$8,000.00</td>
<td>Longhorn Lights Out</td>
</tr>
<tr>
<td>2/5/14</td>
<td>Project Transfer</td>
<td>TO 19 1730 0695</td>
<td>$8,298.00</td>
<td>Environmental Equity Symposium</td>
</tr>
<tr>
<td>2/5/14</td>
<td>Project Transfer</td>
<td>TO 19 1401 4095</td>
<td>$6,600.00</td>
<td>Student Government Bags</td>
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<tr>
<td>2/12/14</td>
<td>Project Transfer</td>
<td>TO 19 0230 1950</td>
<td>$8,546.00</td>
<td>Nitrile Glove Diversion</td>
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<tr>
<td>2/20/14</td>
<td>Amendment</td>
<td>TO 19 8640 5450</td>
<td>$10,000.00</td>
<td>Solar Charging Stations</td>
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<tr>
<td>2/21/14</td>
<td>Return</td>
<td>FROM 19 8640 6895</td>
<td>$4,393.94</td>
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<tr>
<td>2/21/14</td>
<td>Return</td>
<td>FROM 19 8640 8795</td>
<td>$7,500.00</td>
<td>Exterior Water Fountains</td>
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<td>3/11/14</td>
<td>Return</td>
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<td>Drinking Fountain Retrofits</td>
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<td>Project Transfer</td>
<td>TO 19 1410 1695</td>
<td>$10,345.00</td>
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<tr>
<td>3/12/14</td>
<td>Project Transfer</td>
<td>TO 19 9700 3050</td>
<td>$15,000.00</td>
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<td>3/25/14</td>
<td>Return</td>
<td>FROM 19 1730 0395</td>
<td>$7,676.99</td>
<td>ESI Outreach/Videos</td>
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<tr>
<td>3/27/15</td>
<td>Return</td>
<td>FROM 19 8640 8195</td>
<td>$7,750.00</td>
<td>Green Film Competition</td>
</tr>
<tr>
<td>4/2/14</td>
<td>Amendment</td>
<td>TO 19 8640 5450</td>
<td>$14,000.00</td>
<td>Solar Charging Stations</td>
</tr>
<tr>
<td>4/10/14</td>
<td>Project Transfer</td>
<td>TO 19 8640 5650</td>
<td>$1,000.00</td>
<td>LBJ Dining Compost</td>
</tr>
<tr>
<td>4/29/14</td>
<td>Correction</td>
<td>FROM 19 0230 1895</td>
<td>$6,653.64</td>
<td>Campus Env Center</td>
</tr>
<tr>
<td>5/7/14</td>
<td>Project Transfer</td>
<td>TO 19 1410 7350</td>
<td>$7,500.00</td>
<td>Battle Hall Dashboard</td>
</tr>
<tr>
<td>6/13/14</td>
<td>Project Transfer</td>
<td>TO 19 1410 7495</td>
<td>$1,000.00</td>
<td>Thermal Lab</td>
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<tr>
<td>6/19/14</td>
<td>Return</td>
<td>FROM 19 8640 6750</td>
<td>$1,135.01</td>
<td>Compost at DKR Stadium</td>
</tr>
<tr>
<td>6/19/14</td>
<td>Correction</td>
<td>TO 19 8640 6750</td>
<td>$1,043.00</td>
<td>Compost at DKR Stadium</td>
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<tr>
<td>6/26/14</td>
<td>Project Transfer</td>
<td>TO 19 1730 0395</td>
<td>$4,000.00</td>
<td>ESI Outreach/Videos</td>
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<tr>
<td>6/26/14</td>
<td>Project Transfer</td>
<td>TO 19 0230 1895</td>
<td>$845.00</td>
<td>Campus Env Center</td>
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<tr>
<td>7/3/14</td>
<td>Contingency</td>
<td>TO 19 8640 8550</td>
<td>$82.00</td>
<td>Food Recovery Network</td>
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<tr>
<td>7/11/14</td>
<td>Contingency</td>
<td>TO 19 3490 6695</td>
<td>$730.00</td>
<td>ART - Campus Charging Stations</td>
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<tr>
<td>7/16/14</td>
<td>Return</td>
<td>FROM 19 8640 8850</td>
<td>$14,980.02</td>
<td>Steel Can Recycling</td>
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<tr>
<td>7/16/14</td>
<td>Amendment</td>
<td>TO 19 8640 5450</td>
<td>$12,200.00</td>
<td>Solar Charging Stations</td>
</tr>
<tr>
<td>7/22/14</td>
<td>Amendment</td>
<td>TO 19 8640 5450</td>
<td>$4,000.00</td>
<td>Solar Charging Stations</td>
</tr>
<tr>
<td>7/22/14</td>
<td>Project Transfer</td>
<td>TO 19 8630 0820</td>
<td>$8,100.00</td>
<td>Green Labs Team</td>
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<tr>
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<td>Project Transfer</td>
<td>TO 19 4605 8595</td>
<td>$2,500.00</td>
<td>Medical Takeback at Pharmacy</td>
</tr>
<tr>
<td>8/30/14</td>
<td>Program Administration</td>
<td>TO 19 8640 8850</td>
<td>$5,991.09</td>
<td>Overhead/Advertising</td>
</tr>
</tbody>
</table>
6.3 Financial Status of Projects
See the listing of projects in section two for their financial standing on 8/31/14.

6.3.1 Amended Projects
Amendments included:

- $2,500 to the Waller Creek Stormwater Assessment Survey for additional student staff.
- $40,200 total to the Solar Charging Stations (two stations) for additional costs related to professional stamping and approval, project oversight, and materials.

6.3.2 Reclaimed Funds during FY 2013-2014
This is a description of the ‘Return’ transactions found in section 6.2.

- $3.86 was returned from the 2011 PCL Recycling Bins project.
- $3,557 was returned from the 2011 Safe Cycling Project. The grantee proposed that these funds be used for minor infrastructure improvements such as bollards, pavement texture, and paint, but absent a plan for bicycle infrastructure to assist in decision-making, the funds were returned.
- $1,701 was not used for the 2012 Shower Timers project, and returned.
- The $1,000 incentive grant to beautify Waller Creek was reclaimed because no formal budget was ever created by the student groups for its use.
- $15,462 was unused by the 2012 Pervious Surfaces grant because the area that was actually transformed was smaller than the grant proposed.
- $12,134 was returned from the 2011 Harry Ransom Center Landscaping project, as the renovation was accomplished for less than expected.
- $7,500 was returned from the 2013 Exterior Bottle Filler project because only one location, outside of RLM, was ultimately deemed viable for installation.
- $3,508 was returned from the 2012 interior Drinking Fountain Retrofit grant because all potential fountains had been identified by the staff and student groups, and there were no staff or volunteers available to continue to find locations.
- $7,677 was returned from the Environmental Science Institute for their video creation project in 2011 and 2012.
- $7,750 was reclaimed from the 2013 Green Film Competition grant because the grantees declined to pursue the grant further.
- $6,654 was returned from the Campus Environmental Center as a reconciliation of excess grant funds issued in 2011 and 2012, mainly due to a miscalculation of need for staff.
- $14,980 was reclaimed from the 2013 Steel Can Recycling grant due to a lack of viable recycling options for the steel cans from labs.

7 Appendices

7.1 Campus Green Fund Implementation Guide
Karen Blaney, Program Coordinator for the UT-Austin Green Fee since September 2011, joined five co-authors in writing and organizing this implementation guide, published in early 2014. The PDF of the publication is available at:


The publication covers all relevant topics for a campus green fund, including designing a campaign, implementation and management, education and outreach, and evaluation and reporting. Each of these chapters might easily be expanded
into their own guidebook, but this publication provides an excellent reference point for green funds at all stages of implementation.

### 7.2 Project Status Listing as of 8/31/2014

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Account Location</th>
<th>Status August 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drought Tolerant Plants</td>
<td>Integrative Biology</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Piezoelectricity</td>
<td>Mechanical Engineering</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Rainwater Recapture</td>
<td>Architecture</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Biodiesel Assessment &amp; Implementation (2)</td>
<td>Civil Engineering</td>
<td>New grantees identified. Reactor purchased. Next steps are to arrange site visit and oversight of installation.</td>
</tr>
<tr>
<td>Waller Creek Storm Quality</td>
<td>Geosciences</td>
<td>Work completed; need final report.</td>
</tr>
<tr>
<td>Ventilation in Lab Buildings</td>
<td>Civil Engineering</td>
<td>Final report received for 13-14; work will continue through September</td>
</tr>
<tr>
<td>Course Development</td>
<td></td>
<td>Extension granted; work proceeding</td>
</tr>
<tr>
<td>Texas City Lab</td>
<td>Architecture</td>
<td>Work completed; need final report.</td>
</tr>
<tr>
<td>Engagement Dashboard</td>
<td>Architecture</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Green Film Competition</td>
<td>CPFM Sustainability</td>
<td>Project cancelled.</td>
</tr>
<tr>
<td>SURGE Solar Kiosk</td>
<td>CPFM Sustainability</td>
<td>Installation complete; paying final bills and reimbursements.</td>
</tr>
<tr>
<td>Uteach Outreach Year III</td>
<td></td>
<td>Final report received.</td>
</tr>
<tr>
<td>CEC Year III</td>
<td>Facilities - CEC</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Microfarm Year III</td>
<td>CPFM Sustainability</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Irrigation Learning Lab</td>
<td>CPFM Sustainability</td>
<td>Final report received for 13-14; work will continue into next year.</td>
</tr>
<tr>
<td>Bat House at Concho</td>
<td>No Account</td>
<td>Interest still exists in bat house; unsure who is chasing the actual installation.</td>
</tr>
<tr>
<td>Bioretention Gardens</td>
<td>CPFM Sustainability</td>
<td>Jim assisting with pushing forward plan in new Landscape Master Plan review process.</td>
</tr>
<tr>
<td>Waller Creek Awareness (cleanups)</td>
<td>CPFM Sustainability</td>
<td>Grantees have elected to turn over project to Campus Environmental Center or Environmental Health &amp; Safety.</td>
</tr>
<tr>
<td>Orange Bike Project Year II</td>
<td>PTS</td>
<td>Report turned in.</td>
</tr>
<tr>
<td>Green Greeks</td>
<td>Facilities - CEC</td>
<td>Work completed; need final report.</td>
</tr>
<tr>
<td>Food Recovery Network</td>
<td>CPFM Sustainability</td>
<td>Work completed; need final report.</td>
</tr>
<tr>
<td>LBJ Composting</td>
<td>CPFM Sustainability</td>
<td>Work completed; need final report.</td>
</tr>
<tr>
<td>Exterior Compost Bins</td>
<td>CPFM Sustainability</td>
<td>Final report received.</td>
</tr>
<tr>
<td>SEC E-Waste Recycling</td>
<td>Engineering</td>
<td>Final report received.</td>
</tr>
<tr>
<td>CLA Bottle Fillers</td>
<td>School of Information and CLA</td>
<td>Final report received.</td>
</tr>
<tr>
<td>SOI Bottle Fillers</td>
<td></td>
<td>Work completed; need final report.</td>
</tr>
<tr>
<td>Exterior Water Fountains</td>
<td>CPFM Sustainability</td>
<td>Work completed prior to August 2014.</td>
</tr>
<tr>
<td>UHS Medical Waste</td>
<td>University Health Services</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Project Description</td>
<td>Responsible Department</td>
<td>Project Status/Details</td>
</tr>
<tr>
<td>---------------------------------------------------------</td>
<td>---------------------------------</td>
<td>----------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Battery Recycling in RLM and SSB</td>
<td>CPFM Sustainability</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Steel Can Recycling in WEL</td>
<td>CPFM Sustainability</td>
<td>Initiative to be rolled into Green Labs program.</td>
</tr>
<tr>
<td>Integrated Landscape Design</td>
<td>Landscaping</td>
<td>Partial work completed.</td>
</tr>
<tr>
<td>Waller Creek in Urban Eco Infrastructure</td>
<td>School of Architecture</td>
<td>Need check-in.</td>
</tr>
<tr>
<td>Bike to UT Day Year II</td>
<td>PTS</td>
<td>Work completed; need final report.</td>
</tr>
<tr>
<td>Steel Can Recycling in WEL</td>
<td>Facilities Maintenance</td>
<td>Program proceeding. Will roll over to next year.</td>
</tr>
<tr>
<td>Nitrile Glove Diversion</td>
<td>CPFM Sustainability</td>
<td>Program proceeding. Will roll over to next year.</td>
</tr>
<tr>
<td>Tree Nursery Year IV</td>
<td>CPFM Sustainability, WFC</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Environmental Equity Symposium</td>
<td>ESI</td>
<td>Final report received.</td>
</tr>
<tr>
<td>Student Gov Reusable Bags</td>
<td>Student Affairs</td>
<td>Will pass along to new SG administration.</td>
</tr>
<tr>
<td>Solar Charging Station Year I</td>
<td>CPFM</td>
<td>2011 project. See SURGE Solar Kiosk.</td>
</tr>
<tr>
<td>Green Roof at WFC</td>
<td>WFC</td>
<td>2012 project. Final report pending.</td>
</tr>
<tr>
<td>Resource Consumption/Campus Viz</td>
<td>Art + Art History</td>
<td>2012 project. Final report pending.</td>
</tr>
<tr>
<td>School of Music Landscape Rehab</td>
<td>CPFM</td>
<td>2012 project. Waiting on approval process from Landscape Master Plan, and decision on how to incorporate Bioretention gardens.</td>
</tr>
<tr>
<td>Occupancy Sensors at McCombs</td>
<td>Fac Maint</td>
<td>2012 project. Work completed prior to August 2014.</td>
</tr>
<tr>
<td>Composting at DKR Stadium</td>
<td>CPFM</td>
<td>2012 project. Work completed prior to August 2014.</td>
</tr>
<tr>
<td>Longhorn Band Recycling</td>
<td>School of Music</td>
<td>2012 project. Final report pending.</td>
</tr>
<tr>
<td>Styrofoam Recycling</td>
<td>CPFM</td>
<td>2012 project. Final report received. Remainder of funds to be rolled into Green Labs Program.</td>
</tr>
</tbody>
</table>

### 7.3 Key Performance Indicators (Spring 2014 MPA Group)
Written and submitted by Jennifer Hsieh, Tan Van Le, and Yue Zhu in May 2014. The professor for the class was Bob George in the McCombs School of Business.

1. Level of grantee involvement
   a. Hours spent on the project per week
   b. Degree of initiative taken by the grantee to facilitate project completion
   c. Frequency of updates to the Green Fee Coordinator

2. Student awareness: how effective was the project in making other students aware of the underlying issues explored in the project?
   a. Number of workshops, outreach efforts, campaigns held on campus to present findings or promote actions
   b. Response rate to UT student survey(s)
   c. Number of student volunteers engaged in project over time
   d. Number of inquiries about the project
   e. Number of new proposals apparently influenced by or derived from project
f. Study of motivation and behavioral impacts related to project

g. Amount of donations to Green Fee (if UT-Austin sets up independent donation option)

3. Fidelity to original timeline
   a. Compare proposal date(s) to actual dates
   b. Examine periodic progress reports
   c. Compare time required to actual total time taken
   d. Examine factors beyond project’s control

4. Fidelity to original budget
   a. Difference between forecast and actual spending
   b. Is the fund used efficiently and on necessary items?
   c. Was the budget sufficient to cover all necessary spending? If not, was the extra spending a poor estimation or an inappropriate use of the fund?

5. Physical benefit to campus

6. Student employment
   a. How many jobs were funded through the project?
   b. How many semesters was the job available?
   c. Were the job tasks meaningful and related to sustainability?
   d. Was the student fairly compensated?

7. Feasibility of applying research projects

8. Academic achievement: whether the student received any additional recognition for the project from their respective academic communities

9. Impact beyond the UT-Austin sphere (third-party engagement)

10. Public awareness: inclusion in UT-Austin promotions and local and national media

11. Environmental impact

12. Student involvement (as a component of a project)