Summer 2017 Student Sustainability Fellowship Descriptions

David E. Shi Center for Sustainability
Furman University

The Shi Center for Sustainability is pleased to request applications for student sustainability fellowships for Summer 2017. Furman students, including those graduating in May 2017, are eligible to apply. **Students from all majors are encouraged to apply.**

These fellowships pay $3600 for the summer and require approximately 10 full time consecutive weeks of work between June 5th and August 11th. They focus on sustainability research and service on campus and in the community. Student Fellows will also gain leadership and collaborative skills through common learning and activities.

**TO APPLY:** Please submit a resume, short statement of interest (no more than 500 words) that includes the name of the fellowship(s) desired, and the names of two references (professors on campus are preferred). If you are interested in more than one fellowship, please provide a statement of interest for each position. These will be shared with the site supervisor prior to interviews. Please email your application to Kelly Grant Purvis (Shi Center Associate Director of Sustainability Programs) at kellygrant.purvis@furman.edu no later than **Friday, January 27th, 2017**. If applying to more than one position, please rank your choices in the e-mail. Ms. Purvis will follow up with successful applicants to schedule an interview.

For additional information about our fellowships please visit:
[http://www.furman.edu/academics/shicenter/programs/Pages/Student-Fellows.aspx](http://www.furman.edu/academics/shicenter/programs/Pages/Student-Fellows.aspx)

**On-Campus Position Listings:**

**Sustainable Agriculture and Student Assistant Furman Farm Manager:** This fellow will work with the staff Farm and Compost Manager to coordinate student labor and volunteers, coordinate publicity and outreach, and other duties as assigned in support of the Randy Blackwell Farm Stand, Greenville and Travelers Rest Farmers Market stands and the Farm’s Community Supported Agriculture (CSA) program. The Student Assistant Farm Manager will maintain data including records of plantings and inputs at the farm and records of all outreach efforts. Additionally, the Fellowship supports a research project related to local or sustainable agriculture to be conducted under the supervision of the Farm and Compost Manager. This position may require weekend hours.

**Shi Center Communications and Outreach Fellow:** This fellow will work with the Center’s Associate Director of Sustainability Programs to manage student outreach for sustainability and the Shi Center on campus. Responsibilities include organizing the Shi Center’s bike rental program, sustainability campaign implementation, event planning, hosting Center tours, liaising with student fellows & student organizations throughout campus on various projects, maintaining the Shi Center for Sustainability’s social media outlets, and representing the Shi Center at Summer Orientation & other outreach events.
Enthusiasm about sustainability and an interest in generating collaboration on campus are required for this position.

**Sustainability Assessment Fellow:** This fellow should have an interest in sustainability tracking on campus. The fellow will complete Greenhouse Gas Inventory (GHG) documents for our university and work on submissions to the American Colleges and University Presidents Climate Commitment and Sustainability Tracking Assessment and Rating System (STARS). Additionally, the fellow will identify and execute areas of improvement for the university for both assessments. It is preferred that the student is a sophomore or junior and would consider working with sustainability assessment during 2017-18 academic year. The fellow should possess excellent organizational, communication and analytical skills.

**Greenville Community Position Listings:**

**GHS Population Health Initiatives Fellow:** This fellow will work with staff and programs of the Accountable Communities division of Clinical Integration at GHS, and specifically and primarily with the Director of Access Health Greenville County. Other programs may include the Neighborhood Health Partners paramedic/social worker, the Mobile Health Clinic, and community health workers. The Fellow will work closely with staff to implement current programming around population health initiatives and patient-centered medical neighborhoods that seek to improve health outcomes for vulnerable populations, uninsured, and underinsured patients in an identified area of greater Greenville. The Fellow will gain exposure to and experience with grant-funded programs, reporting, and measurement. The Fellow may be required to lead focus groups, stakeholder interviews, and other duties as assigned. The Fellow should have an interest in policy, healthcare, poverty studies, psychology, behavioral health, and other closely related fields.

**GHS Corporate Sustainability Team Fellow:** This fellow will report to the Director of Community Facilities Engineering to develop a corporate wide dashboard that provides sustainability information to the GHS staff and community population. The fellow will also be integral in helping spearhead our Corporate Sustainability Model. The model is based on the opportunity of fully immersing employees into our initiatives by driving engagement of all our campuses. The first part of the 3-year action plan is the Design/Implementation phase. The fellow, with direction from our multi-disciplinary team, will assist in developing a Green Champion committee to pilot at one of our community hospitals.

**Project Host Nutrition and Culinary School Program Development Fellow:** Project Host uses food as a tool to nourish the hungry and train the unemployed. This Fellow will work with the Soup Kitchen manager and volunteers to pull together nutritious recipes (creating a cookbook) using the foods that are normally donated to the Soup Kitchen and work with the volunteers to use the cookbook. The Fellow will work with our chef to write and format a 10-week baking curriculum to supplement our culinary school program. The Fellow will have an overview of all programs at Project Host and shadow all staff members. For more information about Project Host please look them up on Facebook.

**Greenville Zoo Education and Conservation Programs Fellowship:** This fellow will work with the Conservation Chair for the Greenville Zoo to evaluate conservation efforts, combat nature deficit disorder, and improve public conservation education at the zoo. The fellow will be responsible for working with the Conservation Chair to create a publication for the conservation achievements of the
zoo over the past three years. Throughout the summer, the fellow will have three primary responsibilities in addition to working on the publication: take part in evaluating conservation efforts occurring at the zoo (which may include surveying the guests and school groups), assist our Nature Play Program by serving as a play instructor for children at the zoo, and creating a conservation-oriented program for school groups including hand-outs, activities and/or crafts to be used during the program. The zoo’s website is available at: [http://www.greenvillezoo.com/pages/](http://www.greenvillezoo.com/pages/)

**Mill Village Farms At-Risk Teen Work Crew Captain:** Mill Village Farms (MVF) works to transform vacant properties into bountiful gardens to grow produce for local communities and strives to grow employment opportunities for neighborhood youth. MVF’s goal is to train up youth to have experience in basic job skills, sustainable agriculture, and entrepreneurship. The MVF Team Leader will lead a diverse group of 6-8 teenagers (“crew”) who work together throughout the summer on farms in Greenville County. The Crew Captain will be the point of contact for crew member guardians, and will be responsible for leading activities. Must have prior experience working with teenagers, an interest in community service and multicultural team building, the ability to speak to groups. Also must have car, driver’s license and clean driving record. Visit [http://www.millvillagefarms.org/](http://www.millvillagefarms.org/) for more information.

**Feed & Seed Community Engagement Field Workers – Food Choices Research Fellow:** Feed & Seed is a learning center for farm, food, and related business in the context of a working farm, market, commissary, distributor and cafe, based in downtown Greenville. The Fellow would work with Feed & Seed stakeholders in the community to measure their specific interests in foods to be represented via the Feed & Seed. This fellow will assist with information gathering to better understand the met and unmet needs of newer arrivals to the region as they start working in our burgeoning economy. Many may face ethnic, racial, economic and cultural challenges. Understanding how these populations compare and contrast with our more traditionally “native” populations is of high import as we encourage our farmers to plant specialty products to serve these communities. Help us as we assess these markets, and help determine best practices in communications, delivery and merchandising along the way. Work with partner organizations such as Hispanic Alliance, International Upstate and Ten At The Top as we gather this critical information. You’ll meet many people, and learn much about food, culture, and consumer research. For additional information visit: [http://www.connectingtables.com/](http://www.connectingtables.com/)

**Trees Greenville Project Mapping Fellow:** This fellow will support Trees Greenville ([http://www.treesgreenville.org/](http://www.treesgreenville.org/)) by assisting them with tree mapping and cataloging. OpenTreeMap-TreesGreenville is piloting a new software for county-wide tree inventories with volunteers. Open Tree Map is designed to assess the resources provided by our community forest and potential threats to those resources by on-the-ground assessment and survey of tree conditions and species. The Fellow will develop a citizen science program around the OpenTreeMap software and engage in outreach to Greenville County K12 schools, colleges and universities, garden clubs and other related parties. The Fellow will pilot their citizen science program with Furman summer scholars and/or another similar group. The Fellow will work with the Program Director to create a user handbook which includes basic tree ID and details of the data collected in the OpenTreeMap app. GIS skills may be an asset for this fellowship but are not required. We are looking for enthusiastic candidates who excel at working with people and promoting the program as well as data organization.
**Upstate Forever Critical Lands in Our Communities Fellow:** This fellow will report to the Land Trust Director to complete strategies to approach at least two priority conservation communities, identify unique communities containing high quality land (keystone sites) and identify significant challenges related to local water resources and the relationship to residents’ quality of life. This information would be provided to the Land Trust Committee in August 2017. Identify and gather community partners and stakeholders in order to support community meetings and initiatives. For additional information, visit: https://upstateforever.org/upstate-critical-lands-mapping-project/ and https://furman.maps.arcgis.com/apps/MapSeries/index.html?appid=2a93765c00a34d51a6c4d2ccde3e

**The Village Wrench Program Crew Leader Fellow:** This Fellow will assist in all aspects of Village Wrench’s growing impact in Greenville. The Crew Leader will lead two to three teenagers who will work together throughout the summer program. The Crew Leader will work with their crew at the Village Wrench Bike Kitchen and throughout the various maintenance sites in neighborhoods across Greenville. He or she be responsible to help provide transportation for the crew to the various sites with the Village Wrench passenger van and will be expected to communicate with each teen’s guardian(s) at least once per week. The Crew Leader will be responsible for leading group activities, providing youth feedback, and ensuring the safety and well-being of teenagers. Hands-on work at the Bike Kitchen, online and storefront retail sales, program marketing and coordination, and administrative assistance will also be included. The Crew Leader will work approximately 40 hours each week, and is expected to work Monday-Friday, from 8AM-3:30PM, for ten weeks from June to August. The Crew Leader is also expected to attend and help lead the Summer Youth Retreat in June. For additional information please visit: http://www.villagewrench.org/

**City of Greenville Parks and Recreation Fellow:** This fellow will report to the Parks and Recreation Director or assignee to assist with two distinct charges of the department. The fellow will work with the City of Greenville’s Green Ribbon Advisory Committee to promote the committee’s task of advising City Council on sustainability and related environmentally responsible practices in designing, constructing and managing capital improvements and in city operations. For more information please see: http://www.greenvillesc.gov/1242/Green-Ribbon-Advisory-Committee. The fellow will also work with department staff in their efforts to implement phase 1 of the city’s newest planned recreation facility, a +/- 60-acre regional park that will be located along the Reedy River just north of downtown. The park must meet several criteria including flood management, protect & enhance the Reedy, be accommodating to all users, and become certified through the Sustainable Sites Initiative (SITES). The fellow will assist staff and the city’s consultant team to develop construction drawings for phase 1 of the park. For additional information please see: http://www.greenvillesc.gov/1219/City-Park-and-Reedy-River-Redevelopment.

**LiveWell Greenville At Play Operations Fellow:** This Fellow will be assisting the At Play Specialist as she works collaboratively with the At Play workgroup to achieve the specific strategies outlined in their Community Action Plans (CAP). The workgroup CAP is designed to promote healthy eating and active living opportunities for all Greenville County residents within the setting targeted by that workgroup. As an operations assistant, you will gain experience in building community partnerships and designing and executing public health programs focused on policy, systems and environment change. For more information please visit: www.livewellgreenville.org.
Legacy City Farm (LCF) Financial Sustainability Fellow: This Fellow will work with Legacy Farm’s Farm Manager to answer the question: “How should the Legacy City Farm proceed in the fall and into the future?” This fellow will perform an operation analysis and report to the farm manager for the Legacy City Farm to make recommendations on operation strengths, weaknesses, risks, and opportunities. At the start of this fellowship, the fellow will become oriented to the project through active participation in spring production. At the same time, the fellow will perform research on sustainable farming models, interview key community leaders in sustainable agriculture, study design documents and production spreadsheets and data. The fellow will synthesize a written report and make operation recommendations to the LCF farm stakeholders in a final presentation. We expect the majority of the time will be spent researching, writing, and communicating with limited on-farm activity.

Annie’s House by Sustaining Way Steward Youth Program Fellow: This Fellow will report to Sustaining Way’s Executive Director to assist in the continued development and deployment of the Steward Youth Program with the following two primary responsibilities: creation of new sustainability based module(s) for the Steward Youth Program including curriculum and delivering initial training to partner afterschool programs; and assist in launching Steward Leadership Program (creation of training modules, engaging partners, coaching of Steward Leaders, etc.). The Steward Youth Program is led by Sustaining Way’s Sustainability Coordinator who will provide overall direction for the Fellow. For more information about Sustaining Way programs visit: http://www.sustainingway.org/programs.

Greenville County Long Range Planning Department: This fellow will report to the Long Range Planning Manager and have a desk at County Square in the planning and zoning department. The main focus of the effort will be to develop a study that would focus on Aging in Place and Live Work Play strategies with emphasis on transportation and housing opportunities. The fellow will present the findings and recommendations to County Council. Specific recommendations to include suggested revisions to existing regulatory framework, goals, objectives and actions items that may be included in the upcoming Greenville County Comprehensive Plan update.

Greenville County Long Range Planning Department and Greenville County Parks Recreation & Tourism: This fellow will report to Ty Houck, Director of Greenways, Natural and Historic Resources, and have a desk at Greenville County Parks, Recreation administrative offices. The focus of this effort would be to develop green building recommendations for three different types of public facilities. These recommendations should include associated capital costs and life cycle cost analysis to assist administration in developing priorities for implementation of recommendations. The suggested facilities include:
- Gateway Park, Travelers Rest
- Community Center, (specific facility to be determined)
- Library – Travelers Rest

The study should be structured to allow analysis and application of life cycle costs analysis to be applied in similar public facilities across the county.
If time allows the fellow would investigate the impact that trail development has on adjacent property tax assessment. This effort would involve working with the Greenville County Tax Assessor Office and be used to assist in the development of new trails.
Regional Community Position Listings:

East Cooper Land Trust Fellow: Note: this fellowship is located in Charleston, SC. This fellow will report to the East Cooper Land Trust (ECLT) Executive Director to assist us with our strategic initiative of developing an ECLT ambassador program at Thornhill Farm. In 2014, the ECLT purchased Thornhill Farm and permanently protected the land with a conservation easement. This 94-acre working farm on Highway 17 N in McClellanville is adjacent to 1,000 acres also protected by the Francis Marion National Forest and The Nature Conservancy. This land has been managed as a teaching farm since 2006 and has been important in the growing Farm-to-Table movement in the Charleston area. In October 2015, the East Cooper Land Trust formed an agreement with Kyle Ferrell of Spartina Farm Services to manage the farm including crop and animal production, special events, agricultural education, and a strong stewardship component. This fellow will explore ways to use the farm to increase awareness and support of the ECLT including planning events, educational outings, and VIP tours. For more information visit: www.eastcooperland.org.

Carl Sandburg Home National Historic Site Citizen Science Fellow: Note: this position is based at the Carl Sandburg National Historic Site in Flat Rock, NC. The goal of this Fellowship is to inform, inspire, educate and promote awareness of issues revolving around climate change. The Fellow will present programs on how climate change affects people, the environment and ecology, and will lead the citizen science program. This Fellow will serve as the liaison between the park, community and climate change leaders, conduct research with park professionals and interested stakeholders about the local and regional effects of climate change, as well as develop and present a variety of educational and interpretive offerings to inform, and educate the public on matters of climate change. Visit: http://www.nps.gov/carl/index.htm for more information.

Carl Sandburg Home National Historic Site Education Fellow: Note: this position is based at the Carl Sandburg National Historic Site in Flat Rock, NC. The goal of this Fellowship is to foster an understanding and appreciation in young people of the contributions made by Carl Sandburg as a poet, historian, and American. To share with young people the home and lifestyle of the Sandburg family at Connemara. This Fellow will assist the Education Program Coordinator in preparing and presenting summer Parkids education and experience programs, leading existing on-site education programs (30%), assist with education curriculum development research (30%) assist with Citizen Science Research and Learning Opportunities (20%), assist with administrative duties (10%), and provide assistance to visitor center staff and other duties as assigned (10%). Visit: http://www.nps.gov/carl/index.htm for more information.